ATTACHMENT B

STORMWATER MANAGEMENT PLAN (EDA)

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS

Gainesville Renewable Energy Center
An American Renewables Company

GREC BIOMASS GENERATING FACILITY

APPENDIX 10.4.2

STORMWATER MANAGEMENT PLAN

City of Gainesville, Florida

January 28, 2010

Professional Engineer of Record

Claudia S. Vega, P. E. State of Florida License No. 51532

Engineer Certificate No.

Area of responsibility excludes Geotechnical Reports, Environmental Wetland Delineation and Analysis, and Topographic Survey.

Table of Contents

Title		Page
1.0	Introduction	1
2.0	Design Criteria	1
3.0	Site Soils Information	2
4.0	Existing Site Conditions	2
5.0	Drainage Description	3
6.0	Storm Routing	6
7.0	Conclusion	6

Attachment A	Soil Borings Report
Attachment B	Pre- and Post-Development Drainage Plans
Attachment C	Drainage Calculations
Attachment D	CD Routing Data - ICPR 3.1 and Ponds 3.2
Attachment E	Time of Concentration and Pipe Size Calculations
Attachment F	Stormwater Pollution Prevention Plan (SWPPP)
Attachment G	Detailed Construction Plans.

Gainesville Renewable Energy Center
An American Renewables Company

STORMWATER MANAGEMENT PLAN

1. INTRODUCTION

1.1 General Project Information

The proposed stormwater management plan will provide facilities to serve the proposed Biomass Electric Generating Facility for the City of Gainesville with associated paving, drainage and utility improvements. The master plan will include stormwater systems for areas utilized during construction of the Power Plant.

The proposed project will also include roadway improvements of US441, access roadway to the Power Plant, a switch yard area with associated paving and drainage improvements.

Gainesville Renewable Energy Center (GREC) an "American Renewables Company" will be the entity responsible for the construction, maintenance and operation in perpetuity of the Stormwater Management System.

1.2 Project Location

The proposed project is located on the northwest portion of the existing parcel of the GRU Deerhaven Power Plant (parcel No. 05884-001-000) and lies within the city limits of Gainesville in Alachua County. The project is located in Section 27, Township 8S and Range 19E; Latitude 29º46'7", Longitude 82º23'53". The total area served by the proposed stormwater system is approximately 134 acres with approximately 76 acres being disturbed by construction activities (see Attachment H – Cover Sheet - C0.00).

2. DESIGN CRITERIA

The proposed stormwater systems serving the project site shall meet the requirements from the following agencies: Florida Department of Environmental Protection (FDEP), Suwannee River Water Management District (SRWMD) and City of Gainesville.

2.1 FDEP AND SRWMD

Stormwater systems shall meet the requirement of Rules 62-343 and 40B-4, which require the following design criteria:

- Buildings and structures shall have finished slab elevation one foot above the 100-year flood elevation.
- Detention systems shall de designed to control post-development peak rate for the 100-year critical duration rainfall depth. Critical duration includes 1-hr, 2-hr, 4-hr, 8-hr, 24-hr, 3-d, 7-d and 10-d events.

- Provide treatment volume for the first 2 inches of rainfall for projects within a stream-to-sink watershed.
- Provide treatment volume within the 72 hours following the end of the design storm.
- Systems shall not decrease the storage volume below the 100-yr floodplain elevation.
- Stormwater systems shall provide the total storage volume within 30 days following the end of the design storm event.

2.2 City of Gainesville

Stormwater systems shall meet the requirement of the Land Development Code and their Design Manual, which require containing the 100-yr critical storm event and providing treatment volumes in accordance to the Water Management District

3. SITE SOILS INFORMATION

3.1 Soils Information

According to the NRCS Soil Survey for Alachua County the soils within the site are comprised of Pomona Sand (14) [Hydrologic Soil Group B/D], Wauchula Sand (17) [Hydrologic Soil Group B/D], Monteocha Loamy Sand (19) [Hydrologic Soil Group D] and Chipley Sand (28) [Hydrologic Soil Group D]. The soil type delineations have been superimposed on the site and are approximate (see Attachment H – Soils Map – C2.10). A detailed description of these soils is included in the Soils Report prepared by GSE which is included in Attachment A.

3.2 Subsurface Investigation

GSE Engineering & Consulting, Inc., conducted a subsurface investigation on the site and summarized their findings in the reports dated September 2009. A copy of the report is provided in Attachment A.

4. EXISTING SITE CONDITIONS

4.1 Existing Site Conditions

The project area is approximately 134 acres of undeveloped land with low slopes. The site consists of wooded land and natural vegetation surrounded by four wetlands. These wetlands will remain undisturbed and only portions of the 50-ft buffers will be disturbed and compensated for. According to the FEMA map, a portion of the site is located within the floodplain area and the proposed development will not decrease the storage volumes below the 100-yr floodplain. Since the FEMA maps do not have an established Floodplain elevation, our drainage analysis will establish floodplain elevation for existing conditions and post-development conditions.

The topographic survey was performed by Genesis Group and is based on NAVD88. See Boundary and Topographic Survey.

5. DRAINAGE DESCRIPTION

5.1 Pre-development Conditions

The project site lies within the Turkey Creek watershed basin. The County topographic maps, as shown in Attachment B – Drainage Map, clearly indicate there are not off-site drainage areas coming into the project site. The proposed site consists of three major drainage areas that drain into the on-site wetlands which discharge off-site into the Tributary of Turkey Creek .The drainage areas are described below and are shown in Attachment B – Pre-development Drainage Areas –C2.00 through C2.02.

- North Drainage Area: Although the water management district describes the northern area to be part of the Rocky Creek watershed, the existing topography demonstrates this area discharges into a swale along the north property line that discharges into Wetland A part of the Turkey Creek watershed. North drainage area includes on-site land that drains into Wetland A, which discharges off-site to the west and finally discharging into Turkey Creek. This area consists of sub-drainage areas 10 through 15.
- The center drainage area includes on-site land that drains into a ditch located at the south property line, which discharges into Wetland B. Wetland B will discharge at higher storm events to the west continuing to Turkey Creek. This area consists of sub-drainage areas 20 and 21.
- South drainage area includes on-site land that drains into Wetlands C and D, which discharge off-site to the west and finally discharging into Turkey Creek. This area consists of sub-drainage areas 30 through 32.

The construction of the power plant will utilize an area located to the east of the boundary for temporary lay-down. This area consists of 3 sub-drainage areas that discharge into an existing ditch. The ditch discharges downstream into the Master Stormwater Basin of the Deerhaven Plant.

Calculations of drainage areas, impervious areas, runoff coefficient, curve number and time of concentration are shown in Attachment C.

5.2 Post-development Conditions

At post-development conditions the site will maintain the three major drainage areas. The proposed stormwater systems will not increase flood hazards and will not cause adverse effect to the wetlands and natural resources. The post-development drainage areas are described below and are shown Attachment B – Post-development Drainage Areas – C2.03 through C2.06.

- North Drainage Area will consist of eight sub-drainage areas:
    a.) Sub-drainage areas 100 through 102 consist of the proposed Power Plant, which discharges into three interconnected wet detention systems (Basins 100, 101 and 102). The detention basins will discharge into Wetland A.
    b.) Sub-drainage areas 103 and 104 consist of existing roadside swales that discharge into Wetland A.
    c.) Sub-drainage areas 105 and 106 consist of Wetland A, which discharges off-site to the west through a natural weir.
    d.) Sub-drainage area 109 consists of swales for the proposed access roadway; and undisturbed area which discharges into Wetland A.

- Center drainage area will consist of three sub-drainage areas:
    a.) Sub-drainage area 200 consists of an existing swale on the south property line that discharges into wetland B.

b.) Sub-drainage area 202 consists of a dry retention system that collects runoff from the scale house and then discharges into Wetland B.
c.) Sub-drainage area 201 consists of Wetland B, which discharges at higher storm events off-site into Wetland A.

- South drainage area will consist of nine sub-drainage areas:
  a.) Sub-drainage area 300 consists of a dry retention system that collects runoff from the craft parking area and then discharges into Wetland C.
  b.) Sub-drainage areas 304, 306 and 308 consist of roadside swales for the proposed access road which discharges into Wetland C.
  c.) Sub-drainage area 310 consists of a dry retention system that collects runoff from the Switch Yard area and then discharges into Wetland C.
  d.) Sub-drainage area 311 consists of Wetland C, which discharges off-site to the west through a natural weir.
  e.) Sub-drainage area 312, 314 and 318 consists of roadside swales for the proposed access road which discharges into Wetland D.
  f.) Sub-drainage area 309 consists of Wetland D, which discharges off-site to the west through a natural weir.

- The temporary lay-down area will not propose any addition of impervious surface; therefore there will not be increase of runoff from these areas. The 3 sub-drainage areas will continue discharging into an existing ditch and downstream into the Master Stormwater Basin of the Deerhaven Plant. This area will be filled and stabilized to protect ground cover and will be provided with a swale to provide stormwater treatment and prevent any erosion into the existing ditches.

- The area at the beginning of the access roadway will continue draining into the sides as predevelopment conditions. The increase of impervious area will be minimal and grass areas along the roadway will provide the appropriate water quality treatment.

Calculations of drainage areas, impervious areas, runoff coefficient, curve number and time of concentration are shown in Attachment C.

5.3 Storage and Discharge Information

Attachment C includes the storage volumes of the existing and proposed stormwater systems. Information of the discharge structures for the existing and proposed stormwater systems is also included in this Attachment.

5.4 Soil Borings Information

The high season groundwater table (HSGWT) varies from 1 ft to 2 ft below existing ground elevation, as described in the Soils Report (see Attachment A). Attachment C includes a summary of the recommended percolation rates, high season groundwater table and confined layer elevations for each stormwater system.

Wet detention systems are required to operate above tailwater conditions. The proposed wet detention basins discharge into Wetland A, which has a maximum tailwater elevation of 176.00; this elevation is significantly lower than the elevation of the orifice at the wet basins.
Tailwater at the boundary of the drainage areas was estimated based on existing contours and downstream flowing patterns.

5.5 Stormwater Basins

Attachment C includes a summary of the geometry of the proposed stormwater basins. All the proposed stormwater basins will have side slopes ratio of 4:1 (horizontal to vertical) and will be stabilized with vegetation to prevent erosion. The outfall structures of the basins have been designed with skimmers to prevent oils and greases from exiting through any discharge structure and with spreader swales to mimic the release of water into the wetlands. Sequence of construction and erosion control management practices are included in Attachment F.

Storm pipes were designed for conveyance of the 3-yr 10-minute storm event and the results are shown in Attachment E. Construction details of the proposed stormwater systems are shown in Attachment H – Basin Drainage Details – C2.40 through C2.45 and Drainage Details – C3.20.

5.6 Water Quality

The required water quality volumes are calculated in accordance with the rules for the proposed system as follows:

- For stormwater systems that discharge into a stream-to-sink watershed, the minimum stormwater treatment volume shall the runoff from the first 2 inches of rainfall.
- For roadside swales, the criteria requires to percolate 80% of the runoff resulting from the 3-yr, 1-hr storm event.
- For the temporary lay-down area, the proposed swale will provide will provide percolation of the 80% of the runoff resulting from the 3-yr-1hr storm.

Attachment C includes the calculation of the required water quality volumes.

5.7 Wet Detention Basins

Wet detention basins shall be designed in accordance to the Handbook manual of the Water Management District, as follows:

- Size the orifice to provide recovery of one-half of the treatment volume between 24 to 30 hours after the storm event.
- Provide permanent pool volume for the wet season rainfall with a residence time of 21 days.
- Provide permanent pool volume with a mean depth between 2 ft to 8 ft.

Attachment C includes the calculations of the wet detention basins.

6. STORM ROUTING

6.1 Routing

The program Ponds 3.2 was used to analyze each individual drainage area and obtain an infiltration rate that takes into account the soil characteristics (see Attachment D). Infiltration rates were generated for each basin and for each storm to be imported into the program ICPR3.1. Because of the large size of the output data from the program Ponds, the infiltration rates are shown in electronic form as a PDF file.

The program ICPR3.1 was used to model the stormwater basins and swales being interconnected and determine the effects to the floodplain areas. The Input data and storm routing results are included in Attachment D.

6.2 Results

The results of the Pre and Post Comparison are shown in the summary included in Attachment C. Each stormwater system has been designed to meet the design storm requirements of SRWMD, FDEP and City of Gainesville. Recovery of the water quality treatment volume is included in the graphic results of Attachment D.

A summary of the wetlands stage and discharge rates are shown below:

Wetland	Storm Critical	Post-dev Stage	Pre-dev Stage	Post-dev. Flow (cfs)	Pre-dev. Flow (cfs)
A-1	100yr-10d	177.26	177.54		
A-2	100yr-8h	176.51	176.60	40.87	80.46
B	100yr-3d	179.42	179.49		
C	100yr-10d	174.81	174.87	3.86	3.98
D	100yr-8h	174.91	174.96	16.14	22.39

7. CONCLUSION

The drainage analysis demonstrates the floodplain elevations at Wetlands A, B, C and D are not increased by this development. The results show the wetlands hydraulic cycles are not being affected by the proposed development and the proposed stormwater systems control discharge rates for the critical storms. Therefore the proposed development will not increase flood hazards, will not cause excessive drainage or dewatering of the surficial aquifer and will not degrade the receiving water bodies complying with the water management rules from the FDEP, SRWMD and City of Gainesville.

Gainesville Renewable Energy Center
An American Renewables Company

Attachment A

Soil Borings Report

Copy of the Soil Borings Report is provided only in electronic format in the compact disc.

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS

GSE Engineering & Consulting, Inc.

SUMMARY REPORT OF A GEOTECHNICAL SITE EXPLORATION

DEERHAVEN BIOMASS GENERATION PLANT ROADWAY AND STORMWATER IMPROVEMENTS GAINESVILLE, ALACHUA COUNTY, FLORIDA

GSE PROJECT No. 10509

Prepared For:

GAINESVILLE RENEWABLE ENERGY CENTER, LLC.

SEPTEMBER 2009

Certificate of Authorization No. 27430

GSE Engineering & Consulting, Inc.

September 10, 2009

Mr. Robert E. Donahoe
Gainesville Renewable Energy Center, LLC.
75 Arlington Street, 5th Floor
Boston, Massachusetts 02116

Subject: Summary Report of a Geotechnical Site Exploration
Deerhaven Biomass Power Generation Plant
Roadway and Stormwater Improvements
Gainesville, Alachua County, Florida
GSE Project No. 10509

Dear Mr. Donahoe:

GSE Engineering & Consulting, Inc. (GSE) is pleased to submit this geotechnical site exploration report for the above referenced project.

Presented herein are the findings and conclusions of our exploration, including the geotechnical recommendations for the proposed stormwater management facilities, planned access service road, and plant roadways.

We appreciate this opportunity to have assisted you on this project. If you have any questions or comments concerning this report, please contact us.

Sincerely,

GSE Engineering & Consulting, Inc.

Joakim (Jay) B. Nordqvist, P.E.
Principal Engineer
Florida Registration Number 42681

Kenneth L. Hill, P.E.
Principal Engineer
Florida Registration Number 40146

CD/JBN/KLH:rb
Z:Projects\10509 Deerhaven Biomass Power Generation Plant Roadway and Stormwater Improvements\10509.doc

Distribution: Addressee (1)
File (1)

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
352-377-3233 Phone
352-377-0335 Fax
www.gseengineering.com
Certificate of Authorization No. 27430

TABLE OF CONTENTS

LIST OF FIGURES iii

1.0 INTRODUCTION 1-1
1.1 General 1-1
1.2 Project Description 1-1
1.3 Purpose 1-2

2.0 FIELD AND LABORATORY TESTS 2-1
2.1 General Description 2-1
2.2 Auger Borings 2-1
2.3 Soil Laboratory Tests 2-1

3.0 FINDINGS 3-1
3.1 Surface Conditions 3-1
3.2 Subsurface Conditions 3-1
3.3 Review of Published Data 3-1
3.4 Laboratory Soil Analysis 3-4

4.0 EVALUATION AND RECOMMENDATIONS 4-1
4.1 General 4-1
4.2 Groundwater 4-1
4.3 Pavements 4-1
4.4 Utilities 4-2
4.5 Stormwater Management Facilities 4-3
4.6 Site Preparation 4-5
4.7 Existing On-Site Material Suitability 4-6

5.0 FIELD DATA 5-1
5.1 Auger Borings Logs 5-2
5.2 Laboratory Results 5-3
5.3 Key to Soil Classifications 5-4

6.0 LIMITATIONS 6-1
6.1 Warranty 6-1
6.2 Auger Borings 6-1
6.3 Site Figures 6-1
6.4 Unanticipated Soil Conditions 6-1
6.5 Misinterpretation of Soil Engineering Report 6-1

LIST OF FIGURES

Figure

1. Project Site Location Map
2. Site Plan Showing Approximate Locations of Field Tests

1.0 INTRODUCTION

1.1 General

GSE Engineering & Consulting, Inc. (GSE) has completed this geotechnical exploration for the proposed stormwater management facilities, planned access service road, and plant roadways for the proposed Deerhaven Biomass Power Generation Plant located in Gainesville, Alachua County, Florida. Our exploration was performed in accordance to the mutually agreed Professional Services Agreement between Gainesville Renewable Energy Center, LLC. and GSE Engineering & Consulting, Inc. and work authorized for Geotechnical Services executed on August 10, 2009.

1.2 Project Description

We understand this project will consist of developing a biomass power generation facility. The site is located on the northwestern portion of the existing Gainesville Regional Utilities (GRU) Deerhaven Generation Station site located along the north side of US Highway 441 near Hague, Florida. Preliminary information related to planned site improvements was initially furnished in a preliminary site plan and during a meeting on June 9, 2009 with Messrs. Robert Donahoe and Paul Nist with American Renewables. We were provided a preliminary site plan of the proposed plant layout and alignment of the access roadway from Mr. Sergio Reyes, P.E. with Eng Denman & Associates, Inc. on July 31, 2009. An additional plan was provided on August 7, 2009 illustrating the proposed improvement areas.

Stormwater management will be required as part of planned site improvements. The location and size of the stormwater management areas have not been firmly established, but Mr. Reyes stated the stormwater areas are planned north of the plant improvements and will likely cover a 6 to 7 acre area. Mr. Reyes requested 2 borings per acre be performed for the stormwater management facilities. In addition, we were provided with the approximate location of a proposed temporary construction parking area and associated stormwater retention area. Two borings for stormwater related design were requested in this area.

A service access road will be constructed from U.S. Highway 441 to the area of the plant. This access road will be approximately 3,300 feet long and will have shallow swales to evacuate stormwater runoff. A roadway and parking lot will also be constructed around the perimeter and in the area of the plant. The pavements around the plant will be designed and incorporated into the plant design. It is anticipated that drainage from these roads and parking lots will be diverted into the planned stormwater management areas to the north.

There is a planned electrical switch yard along the roadway alignment. Stormwater management is planned for this area. Mr. Reyes requested four soil borings to evaluate drainage characteristics in this area.

1.3 Purpose

The purpose of this geotechnical exploration was to determine the general subsurface conditions, evaluate these conditions with respect to the proposed construction, and prepare geotechnical recommendations to assist in the designs of the stormwater management facilities, planned access service road, and plant roadways.

2.0 FIELD AND LABORATORY TESTS

2.1 General Description

The procedures used for field sampling and testing are in general accordance with industry standards of care and established geotechnical engineering practices for this geographic region. Our exploration consisted of performing fifty (50) auger borings to depths of 5 to 15 feet below land surface (bls). Twelve (12) auger borings (B-1 to B-11 and B-46) to a depth of 15 feet below land surface (bls) were performed along the access roadway alignment, sixteen (16) auger borings (B-12 to B-27) to depths of 5 to 10 feet bls were performed along the plant perimeter roadways, sixteen (16) auger borings (B-28 to B-43) to a depth of 15 feet bls were performed within the areas of the planned stormwater management facilities, two (2) auger borings (B-44 and B-45) to a depth of 15 feet bls were performed in the planned temporary parking stormwater management facility and four (4) auger borings (S-1 to S-4) to a depth of 15 feet bls were performed in the area of the planned electrical switch yard.

The soil borings were performed at the approximate locations as shown on Figure 2. We located the borings at the site using GSE established GPS coordinates based on the provided site plan and obvious site features as reference. You should consider the locations approximate. The soil borings were performed during the period of August 16 to August 31, 2009.

2.2 Auger Borings

The auger borings were performed in accordance with ASTM Specification D-1452. The borings were performed with flight auger equipment that was rotated into the ground in a manner that reduces soil disturbance. After penetrating to the required depth, the auger was retracted and the soils collected on the auger flights were field classified and placed in sealed containers. Representative samples of each stratum were retained from the auger boring. Results from the auger borings are provided in Section 5.1.

Upon completion of the sampling, the boreholes were abandoned in accordance with Water Management District regulations.

2.3 Soil Laboratory Tests

The soil samples recovered from the soil borings were returned to our laboratory, and examined to confirm the field descriptions. Representative samples were then selected for laboratory testing. The laboratory tests consisted of thirty-six (36) percent passing the No. 200 sieve determinations with natural moisture contents, three (3) Atterberg Limits tests, and nine (9) constant head permeability tests. These tests were performed in order to aid in classifying the soils and to further evaluate their engineering properties. The laboratory tests are provided in Section 5.2.

3.0 FINDINGS

3.1 Surface Conditions

The site is mostly overgrown natural areas. A series of grass covered trails traverse through the site. Portions of the site are planted in pine trees. Site topography is relatively level to gently sloping, and ground surface elevations range from about 159 to 177 feet[1]. The lower elevations of the site are wetlands.

3.2 Subsurface Conditions

The locations of the soil borings are provided on Figure 2. Complete logs for the borings are provided in Sections 5.1. Descriptions for the soils encountered are accompanied by the Unified Soil Classification System symbol (SM, SP-SM, etc.) and are based on visual examination of the recovered soil samples and the laboratory tests performed. Stratification boundaries between the soil types should be considered approximate, as the actual transition between soil types may be gradual.

The auger borings indicate that soil conditions are relatively consistent with some small variations across the site.

The borings generally encountered four and one half (4.5) to fifteen (15) feet of sand with silt (SP-SM), silty sand (SM) and sand with clay (SP-SC) overlying clayey to very clayey sand (SC) and sandy clay and clay (CH). The surficial sand layer has an average thickness of about 9 feet. A thin stratum of clayey sand (SC) was sometimes embedded within the sand layer, such as at locations B-1, B-2, B-3, B-4, B-23, B-34, B-44 and S-4.

Groundwater was encountered in the auger borings at depths of 1.5 to 6 feet bls at the time of drilling. Groundwater was not detected in borings B-6 and B-38.

3.3 Review of Published Data

The Alachua County Growth Management topographic data and information indicates the ground surface elevations in the area of the site range from about 174 to 184 feet[1] NGVD. The majority of the site under development is near elevations 179 to 184 feet. The lower elevations are mostly wetland areas that will not be developed.

The Soil Conservation Service (SCS) Soil Survey for Alachua County[2] maps four soil series in the areas where the borings were conducted. The following soil descriptions are from the county Soil Survey.

[1] Alachua County Growth Management Web Site, GIS Online Map Atlas, Section 27, Township 8S, Range 19E.

[2] Soil Survey of Alachua County, Florida. Soil Conservation Service, U.S. Department of Agriculture.

Pomona sand - This nearly level, poorly drained soil is in small and large areas in the flatwoods. Slopes are nearly smooth and range from 0 to 2 percent. The areas are irregular in shape and range from about 10 to 350 acres.

Typically, the surface layer is very dark gray sand about 5 inches thick. The subsurface layer is sand to a depth of 16 inches. The upper 4 inches is gray, and the lower 7 inches is light gray. The upper 4 inches of the subsoil is very dark gray sand in which many sand grains are coated with organic material, and the next 4 inches is dark reddish brown sand. The next 8 inches is pale brown sand that has mottles, and the lower 11 inches is very pale brown sand. Below this a loamy subsoil extends to a depth of 69 inches. The upper 4 inches is light gray fine sandy loam, and the lower 22 inches is gray, mottled sandy clay loam. Between depths of 69 and 84 inches, the underlying material is light gray, mottled fine sandy loam.

Included with this soil in mapping are small areas of soils which are similar to Pomona soils but which have a brown, organically stained layer. Many of the sand grains are uncoated. Also included are small areas of soils which are similar to this Pomona soil but which have weakly cemented layers at a depth of 30 to 50 inches. Small areas of Myakka, Newnan, Pelham, Sparr, and Wauchula soils are in some areas. About 60 acres mapped as Pomona soil along the Santa Fe River is occasionally flooded. Total included areas are about 20 percent.

In this Pomona soil, the water table is within 10 inches of the surface for 1 to 3 months during most years. During dry seasons, the water table recedes to a depth of more than 40 inches. Surface runoff is slow. The available water capacity is low to medium in the surface and subsurface layers, and it ranges from low to high in the subsoil. Permeability is rapid to very rapid in the surface and subsurface layers, moderate to rapid in the upper part of the subsoil, and moderately slow to moderate in the lower part.

Wauchula sand - This nearly level, poorly drained soil is in broad areas of the flatwoods. Slopes are nearly smooth and range from 0 to 2 percent. This soil is in small and large, irregularly shaped or meandering areas that range from about 20 to 800 acres.

Typically, the surface layer is sand about 8 inches thick. The upper 5 inches is black, and the lower 3 inches is dark gray. The subsurface layer is light brownish gray sand about 6 inches thick. The upper part of the subsoil is 4 inches of dark reddish brown loamy sand, in which many sand grains have an organic coating, and 5 inches of dark brown sand. Below this is a leached layer of pale brown, mottled fine sand about 5 inches thick. The lower part of the subsoil is a loamy layer that extends to a depth of 62 inches. The upper 9 inches is gray, mottled fine sandy loam; the next 19 inches is light brownish gray, mottled loamy sand; and the lower 6 inches is light gray, mottled fine sandy loam. Between depths of 62 and 80 inches, the underlying material is light gray, mottled sandy clay loam.

Included with this soil in mapping are small areas of Mulat, Newnan, Pelham, Pomona, Riviera, and Sparr soils. Also included are small areas of poorly drained soils that have a brownish stain in the subsurface layer. The sand grains are uncoated or only thinly coated. Total included areas are 15 percent or less.

The Wauchula soil has a water table that is at a depth of less than 10 inches for 1 to 4 months and is at a depth of 10 to 40 inches for about 6 months. During driest seasons, the water table recedes to a depth of more than 40 inches. The available water capacity is low to medium in the surface layer, very low to low in the subsurface layer, low to high in the upper part of the subsoil, and medium to high in the lower part. Permeability is moderately rapid to rapid in the surface and subsurface layers, moderate to moderately rapid in the upper part of the subsoil, and slow to moderately slow in the lower part. Natural fertility is low in the sandy surface and subsurface layers and low to medium in the subsoil. Organic matter content is low.

Monteocha loamy sand. – This nearly level, very poorly drained soil is in wet ponds and shallow depressional areas in the flatwoods. Slopes are less than 2 percent. It is in relatively small areas that range from about 8 to 35 acres.

Typically, the surface layer is black loamy sand about 12 inches thick. The subsurface layer is light brownish gray sand to a depth of 18 inches. The upper part of the subsoil is brown sand to a depth of 48 inches. Below this a subsoil of fine sandy loam extends to a depth of 85 inches. The upper 11 inches is grayish brown, and the lower 26 inches is light brownish gray. Between 85 and 94 inches the underlying material is light gray sand.

Included with this soil in mapping are small areas of Placid, Samsula, and Surrency soils. Included are soils that have characteristics which are similar to Monteocha soils but which have the dark brown subsoil layer below a depth of 30 inches. In the center of some mapped areas there is a thin 1- to 5-inch covering of well decomposed organic material on the surface. Total included areas are 20 percent or less.

This Monteocha soil has a water table that is within 10 inches of the surface for more than 6 months during most years. Most areas are covered with water for more than 4 months. Available water capacity is high to very high in the surface layer and medium in the subsurface layer and subsoil. Permeability is rapid in the surface layer, moderately rapid to rapid in the subsurface layer and upper part of the subsoil, and moderately slow to moderate in the lower part. Natural fertility is medium in the surface layer and low in the subsurface layer and subsoil. Organic matter content is high to very high in the surface layer.

Chipley sand. This nearly level, somewhat poorly drained soil is in relatively small areas of the broad flatwoods and in both small and large areas on the transition between the broad flatwoods and rolling uplands. Slopes are nearly level to slightly concave and range from 0 to 2 percent. The areas are irregular in shape and range from about 15 to 150 acres.

Typically, the surface layer is sand about 12 inches thick. The upper 6 inches is very dark gray, and the lower 6 inches is dark grayish brown. The underlying layers are sand to a depth of more than 81 inches. In sequence from the top, the upper 13 inches is grayish brown; the next 24 inches is light gray and has yellowish red mottles; and the lower 32 inches is light gray but has no mottles.

Included with this soil in mapping are small areas of Myakka, Pompano, Tavares, and Zolfo soils. Also included are a few small areas of somewhat poorly drained and poorly drained soils

that have a very dark gray surface layer 10 to 16 inches thick over a grayish underlying layer. The underlying layer is sandy to a depth of 80 inches or more and has less than 5 percent silt and clay in the control section. About 15 acres mapped as Chipley soil along the Santa Fe River is occasionally flooded. Total included areas are about 15 percent.

This Chipley soil has a water table that is 20 to 40 inches below the surface for 2 to 4 months during most years. During extremely wet seasons, the water table rises to a depth of 15 to 20 inches for brief periods of less than 2 weeks. It recedes to a depth of more than 40 inches during dry periods. Surface runoff is slow. The available water capacity is low, and the permeability is rapid to a depth of more than 80 inches. Natural fertility is low, and organic matter content is moderate to moderately low in the surface layer.

3.4 Laboratory Soil Analysis

Selected soil samples recovered from the soil borings were analyzed for natural moisture content, the percent fines passing the No. 200 sieve, Atterberg Limits, and constant head permeability tests. Selected soil samples were collected from depths ranging from 1 to 15 feet bls. These tests were performed to confirm visual soil classification and evaluate their engineering properties. The complete laboratory report is provided in Section 5.3.

The laboratory tests indicate the tested near-surface soils generally consist of sand with silt (SP-SM) with about 6 to 11 percent soil fines passing the No. 200 sieve and silty sand (SM) with about 12 to 14 percent soil fines passing the No. 200 sieve. The tested underlying clayey sand to very clayey (SC) has approximately 13 to 44 percent soil fines passing the No. 200 sieve. The deeper sandy clay and clay (CH) has 63 to 92 percent soil fines passing the No. 200 sieve.

The Atterberg Limits tests indicate the tested sandy clay and clay (CH) have Liquid Limit (LL) values of 75 to 188, Plastic Limit (PL) values of 28 to 61, and Plasticity Index (PI) values of 47 to 127. This corresponds to a material with high (LL $\geq$ 60 and PI $\geq$ 35) potential for expansive behavior[3]. The very clayey sand (SC) had a LL value of 45, PL value of 22 and PI value of 23. This corresponds to a material with a low potential for expansive behavior (LL < 50 and PI < 25).

The constant head permeability tests results indicate the upper layer of sand with silt has vertical coefficients of permeability of 11 to 17 feet per day (3.85×10^{-3} cm/sec to 6.18×10^{-3} cm/sec). Permeability tests were not conducted on the deeper clayey sand soils due to the limitations of the test method on soils having moderate to high fines content, but these soils are expected to have permeability values of at least one order of magnitude less than the surficial sands and are considered confining soils.

[3] U.S. Department of the Army USA, 1983, Foundations in Expansive Soils, TM 5-818-7, p. 4-1.

4.0 EVALUATION AND RECOMMENDATIONS

4.1 General

The soil borings indicate the soil conditions across the site are relatively consistent, with a sand layer overlying clayey sand and sandy clay. The depth of the sand layer ranged from 4.5 to 15 feet, but generally is on the order of 7 to 10 feet deep. Groundwater was encountered at depths of 1.5 to 6 feet bls at the time of drilling.

In this section of the report, we present our recommendations for pavement and stormwater management design, and general site preparation guidelines. The following recommendations are made based upon our understanding of the proposed construction, a review of the attached soil borings and laboratory test data, and experience with similar projects and subsurface conditions. If plans or the location of proposed construction change from those discussed previously, we request the opportunity to review and possibly amend our recommendations with respect to those changes.

4.2 Groundwater

Groundwater was encountered at depths of 1.5 to 6 feet bls in the borings at the time of our exploration. The normal seasonal high water table is expected to range from 0.5 to 3.5 feet bls at the boring locations. Our estimated seasonal high groundwater depths are indicated on the boring logs.

Temporary dewatering will likely be required during construction. Dewatering can likely be accomplished with well points or underdrain pipes connected to vacuum pumps. Localized dewatering can likely be accomplished with sumps placed just outside the construction areas.

4.3 Pavements

The soil conditions at this site are suitable for supporting conventional limerock base and asphalt wearing surface pavements. The largest constraint to successful pavement performance will be effects from the seasonal high water table. Groundwater that penetrates the stabilized subgrade or pavement base course can reduce the integrity of these materials, and cause pavement failure. To reduce the potential for pavement failure associated with the high water table at the site, we recommend the pavement grades be set such that the bottom of the roadway base course is a minimum of 2 feet above the estimated seasonal high groundwater table. If the roadway grading cannot accommodate this separation, underdrains should be constructed on each side of the roadway to artificially lower the seasonal high groundwater table to create this minimum recommended separation.

We understand that up to 150 truck loads per day with a gross weight of 80,000 pounds are anticipated for the entrance roadway. Our recommended preliminary pavement design considers this loading condition. Based upon this loading condition, using the FDOT Flexible Pavement

Design Manual, we estimate the entrance roadway pavement section will require a Structural Number (SN) of about 4 for a 15 year design life.

4.3.1 Stabilized Subgrade

The stabilized subgrade should have a minimum Limerock Bearing Ratio (LBR) of 40, with a minimum thickness of 12 inches. The stabilized subgrade can be imported material or a mix of imported material and surficial sands. It is not likely the native surficial sands will have an LBR value of 40, based upon our experience with these types of soils in this area. Crushed limerock is commonly mixed with the native materials to increase the LBR value. If a mix of materials is proposed, a mix design should be performed to determine the optimum mix proportions. The stabilized subgrade should be compacted to a minimum of 98 percent of the Modified Proctor maximum dry density (ASTM D-1557).

4.3.2 Base Course

The base course should consist of crushed limerock having a LBR of at least 100. Limerock should be obtained from a FDOT approved source, and should meet FDOT gradation requirements. The base course thickness should be a minimum of 9 inches. The base course should be compacted to at least 98 percent of the Modified Proctor maximum dry density (ASTM D-1557).

4.3.3 Wearing Surface

The asphalt-wearing surface should consist of 3.5 inches of an FDOT Type SP mix. We recommend the initial structural asphalt layer consist of 2 inches of FDOT Type SP-19 mix. The wearing surface should consist of 1.5 inches of FDOT Type SP-12.5 mix. All asphalt mixes should comply with Traffic Level D. The asphalt should be compacted to at least 95 percent of the mix design density.

4.4 Utilities

We anticipate water and stormwater utilities will be buried 3 to 10 feet below land surface. You should expect the trench excavations to generally encounter sand with silt, silty sand and some clayey sand (SP-SM, SM, SC). The deeper excavations may encounter clayey sand (SC) and sandy clay (CL/CH).

We anticipate the majority of the near-surface sandy soils (SP-SM, SM) excavated from utility trenches will be suitable for reuse as backfill material. The majority of the excavated soils will be below the groundwater table, and will require drying before they can be used as fill. Sandy soils can be stockpiled, and the moisture will slowly seep out of the soils. Windrowing the soils and turning over the windrows a few times a day should assist in reducing the required drying time. During extended wet periods, it may be difficult to dry some of the sand.

The clayey sand soils (SP-SC, SC) will be more difficult to work and compact. These soils will also be excavated from below the groundwater table, and will require extensive drying times to

reduce the moisture content to a usable condition. Windrowing clay-rich soils is the only practical method of drying these soils. Very clayey sand and sandy clay (SC, CH) having more than about 30 percent soil fines passing the No. 200 sieve may be encountered randomly throughout the site, and these materials should not be reused as structural fill. Our recommendations for structural fill materials are provided in Section 4.9.

4.5 Stormwater Management Facilities

The soil conditions at the stormwater management facilities were relatively consistent initially penetrating 7.5 to 14 feet of sand with silt and silty sand (SP, SP-SM, SM) overlying clayey sand and sandy clay (SC, CH) to the explored depths of 15 feet bls.

The water table was encountered at depths of 2 to 3 feet bls in the northern main stormwater management facilities (borings B-28 to B-43), at depths of 3 to 4 feet bls within the planned switch yard (borings S-1 to S-4), and at depths of 5 to 6 feet bls in the temporary parking lot stormwater management facility (borings B-44 and B-45). Confining soils were encountered at depths of 7.5 to greater than the 15 foot boring depth.

The laboratory tests indicate the surficial sandy soils (SP-SM, SM) have vertical infiltration rates of 11 to 17 feet per day.

Based upon our findings and test results, our recommended soil parameters for the stormwater management facility designs are presented in the following Table 1. The recommended parameters consider the results of the permeability tests and wash 200 determinations, and our experience with these types of soils.

Table 1 – Stormwater Management Facility Design Parameters

Stormwater Management Facility	Average Depth to Seasonal High Groundwater Table (ft)	Average Depth to Seasonal Low Groundwater Table (ft)	Fillable Porosity (%)	Average Vertical Infiltration Rate (ft/day)	Average Horizontal Hydraulic Conductivity (ft/day)	Average Depth to Confining Layer (ft)
Northwest Main Basin (borings B-28 through B-33)	1	5	25	11	15	10
North Central Main Basin (borings B-34 through B-37)	1	5	25	15	20	9
Northeast Main Basin (borings B-38 through B-43)	1.5	5	25	15	20	11
Temporary Parking Lot Basin (Borings B-44 and B-45)	1	7	25	13	17	8
Switch Yard (Borings S-1 through S-4)	1	5	25	14	19	8

A factor of safety of 2 should be applied to the infiltration and hydraulic conductivity values provided.

4.6 Site Preparation

The soils at this site should be suitable for supporting the proposed construction using normal, good practice site preparation procedures. The following recommendations are our general guidelines for site preparation.

4.6.1 Stripping

Strip the construction limits and 10 feet beyond the perimeter of all surface vegetation, roots, topsoil and other deleterious materials. You should expect to strip to depths of 6 to 12 or more inches. Deeper stripping may be necessary if major root systems or near-surface organic rich soils are present and may have gone undetected as part of this investigation.

4.6.2 Dewatering

Temporary dewatering is not generally expected to be necessary for roadway and parking lot construction at this site. However, in some areas dewatering may be necessary and can likely be accomplished with sumps placed near the construction area, or with well points or underdrains connected to a vacuum pump. The site should always be graded to promote runoff and limit the amount of ponding. Localized ponding of stormwater is expected without proper grading during construction, and could render previously acceptable surfaces unacceptable. Groundwater should be maintained a minimum of 2 feet below surfaces to be compacted.

As an alternative to placing fill at or below the water table requiring dewatering, FDOT No. 57 gradation stone or recycled concrete may be placed in the bottom of the excavation to establish a firm and stable working surface. If fill soils will be placed on top of the No. 57 stone, the stone material should be covered by a geotextile fabric to assure the finer overlying sandy fill soils do not ravel into the inherent voids within the No. 57 stone, as this could result in long-term settlement of the overlying structure. The geotextile fabric should extend a minimum of 2 feet beyond the edges of the placed No. 57 stone.

4.6.3 Proof-Rolling

Proof-roll the subgrade with heavy rubber-tired equipment, such as a loaded front-end loader or dump truck, to identify any loose or soft zones not found by the soil borings. Undercut or otherwise treat these zones as recommended by the geotechnical engineer in this report.

4.6.4 Fill Placement

Imported fill placed to raise the site grades should consist of clean sand having less than 10 percent passing the No. 200 sieve. On site soils meeting the requirements of Section 4.7 may also be used as structural fill. The fill below the pavement section subgrade elevations should be placed in maximum 12 inch loose lifts that are compacted to at least 95 percent of the Modified Proctor maximum dry density. If lighter "walk-behind" compaction equipment is used, this may require lifts of 4 inches or less to achieve the required degree of compaction.

4.6.5 Testing

Perform compaction testing in the fill soils and pavement components. One test should be performed for each 10,000 square feet of pavement area per foot of fill, or a minimum of three tests, whichever is greater.

4.7 Existing On-Site Material Suitability

The upper layer of sandy soils (with exception of topsoil) excavated from the site (SP-SM) is considered suitable for use as structural fill, assuming it has less than 5 percent organic material and is free of roots and other deleterious debris. Much of these soils will be excavated from below the water table and will require stockpiling and drying before they can be reused as fill.

The silty sand (SM) is also considered a suitable fill material, but will likely require additional drying time and will be somewhat more difficult to work and compact. These soils are more moisture sensitive, and should be worked at or below optimum moisture content. These soils are less desirable for use during the wet season or prolonged wet periods, as drying activities sometimes cannot "keep up" with the frequent rain showers.

The underlying deeper clayey sand (SC) encountered is considered suitable for use as structural fill, but is also a less desirable source of fill, as these soils are even more moisture sensitive and can be difficult to compact unless they are worked at close to or below optimum moisture. Additionally, these soils may be difficult to work during prolonged wet periods as they may require extended time to "dry back" to a "workable" moisture content. Stockpiling of these soils in windrows will likely be required to dry these materials before they could be used as fill. For this reason, it is less desirable to use these soils during the wet season, as frequent rain showers will likely keep these soils in a moist condition that is above the optimum moisture content. If clay-rich soils are utilized, we recommend that they contain less than 30 percent fines (passing the No. 200 sieve) with a Plasticity Index less than 15 and Liquid Limit less than 45. Soils with 15 percent or greater fines content used as trench or other backfill should be compacted to 98 percent of the Standard Proctor maximum dry density (ASTM D698). Mixing of soils with higher fines content with those with less fines content may increase their overall workability.

Very clayey sand (SC) having more than 30 percent soil fines and sandy clay and clay (CH) are not considered suitable structural fill materials.

5.0 FIELD DATA

5.1 Auger Borings Logs

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-1

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 5.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Brown silty SAND
		AU 1	
			2.0
		AU 2	(SC) Gray and brown clayey SAND
5			
			6.0
		AU 3	(SP-SM) Light gray to brown SAND with silt
			7.5
		AU 4	(SC) Green and gray very clayey SAND
10			
			11.0
		AU 5	(CH) Green and gray CLAY
15			15.0
			Bottom of borehole at 15.00 feet.

BORING NUMBER B-2

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 3.5 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Brown silty SAND
		AU 1	1.0
			(SP-SM) Light brown to tan SAND with silt
			2.5
		AU 2	(SC) Gray clayey SAND
5			
			5.5
		AU 3	(SP-SM) Light gray SAND with silt
			7.0
		AU 4	(SC) Gray, green, and orange very clayey SAND
10			
			11.0
		AU 5	(CH) Green and orange CLAY
15			15.0
			Bottom of borehole at 15.00 feet.

BORING NUMBER B-3

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 4.5 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Dark brown silty SAND
		AU 1	
			3.0
			(SC) Brown, gray, and orange clayey SAND
5		AU 2	
			5.0
		AU 3	(SP-SM) Gray SAND with silt
			8.5
		AU 4	(SC) Green to gray very clayey SAND
10			
			12.0
		AU 5	(CH) Green and orange CLAY
15			15.0
			Bottom of borehole at 15.00 feet.

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:16 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-4

DATE PERFORMED 8/17/2009

DRILLING CONTRACTOR Whitaker Drilling, Inc.

GROUND WATER LEVELS:

AT TIME OF DRILLING 5.0 ft

ESTIMATED SEASONAL HIGH 1.0 ft

LOGGED BY GW

CHECKED BY CAD

NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SM) Brown silty SAND
		1.0
	AU 1	(SP-SM) Light brown to tan SAND with silt
		2.0
	AU 2	(SC) Brown and orange clayey SAND
5		5.0
	AU 3	(SP-SM) Light brown to gray SAND with silt
		8.5
	AU 4	(SC) Green and gray very clayey SAND
10		12.5
	AU 5	(CH) Green and gray CLAY
15		15.0
		Bottom of borehole at 15.00 feet.

BORING NUMBER B-5

DATE PERFORMED 8/17/2009

DRILLING CONTRACTOR Whitaker Drilling, Inc.

GROUND WATER LEVELS:

AT TIME OF DRILLING 5.0 ft

ESTIMATED SEASONAL HIGH 1.0 ft

LOGGED BY GW

CHECKED BY CAD

NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SM) Brown silty SAND
		1.0
	AU 1	(SP-SM) Light brown and orange SAND with silt
5		5.0
	AU 2	(SP-SM) Light brown SAND with silt
		8.0
	AU 3	(SC) Gray to green very clayey SAND
10		12.5
	AU 4	(CH) Green and gray CLAY
	AU 5	
15		15.0
		Bottom of borehole at 15.00 feet.

BORING NUMBER B-6

DATE PERFORMED 8/17/2009

DRILLING CONTRACTOR Whitaker Drilling, Inc.

GROUND WATER LEVELS:

AT TIME OF DRILLING NA

ESTIMATED SEASONAL HIGH 1.0 ft

LOGGED BY GW

CHECKED BY CAD

NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0	AU 1	(SM) Brown silty SAND
		1.0
	AU 2	(SP-SC) Light brown and orange SAND with clay
		3.0
5	AU 3	(SP-SM) Light brown SAND with silt
		6.0
	AU 4	(SP-SM) Gray SAND with silt
		8.5
10	AU 5	(SC) Gray clayey SAND
		10.5
		(CH) Green and gray sandy CLAY
15	AU 6	15.0
		Bottom of borehole at 15.00 feet.

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:16 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-7

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 5.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.5 ft
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0	AU 1	(SM) Brown silty SAND
		1.5
	AU 2	(SP-SM) Light brown, tan, and orange SAND with silt
5	AU 3	
	AU 4	
		9.0
10	AU 5	(SC) Light gray to green clayey SAND
	AU 6	
		13.5
15	AU 7	(CH) Green and gray sandy CLAY
		15.0
		Bottom of borehole at 15.00 feet.

BORING NUMBER B-8

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 3.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 2.0 ft
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0	AU 1	(SP-SM) Brown SAND with silt
		2.0
		(SP-SM) Light brown to tan SAND with silt
	AU 2	
5		
		9.0
10	AU 3	(SC) Green and gray very clayey SAND
		12.5
		(CH) Green to gray sandy CLAY with sandstone
	AU 4	
15		15.0
		Bottom of borehole at 15.00 feet.

BORING NUMBER B-9

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 1.5 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.5 ft
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0	AU 1	(SM) Brown silty SAND
		2.0
	AU 2	(SP-SM) Light brown to tan SAND with silt
5		
		8.0
		(SC) Green and gray very clayey SAND
10	AU 3	
15	AU 4	
		15.0
		Bottom of borehole at 15.00 feet.

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:16 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-10

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 1.5 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.5 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		AU 1	(SM) Brown silty SAND
			2.0
			(SP-SM) Light brown to tan SAND with silt
		AU 2	
5			5.5
		AU 3	(SP-SM) Brown SAND with silt
			8.5
		AU 4	(SP-SM) Light gray SAND with silt
10			12.0
		AU 5	(CH) Green and gray sandy CLAY
15			15.0
			Bottom of borehole at 15.00 feet.

BORING NUMBER B-11

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Dark brown silty SAND
			0.5
			(SP-SM) Light brown SAND with silt
		AU 1	
			3.5
		AU 2	(SP-SM) Tan and brown SAND with silt
5			7.0
		AU 3	(CH) Green and gray sandy CLAY
			11.0
		AU 4	(SC) Green very clayey SAND with rock fragments
10			15.0
15			Bottom of borehole at 15.00 feet.

BORING NUMBER B-12

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.5 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 0.5 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Dark brown silty SAND
			0.5
		AU 1	(SM) Light brown silty SAND
			3.5
		AU 2	(SP-SM) Tan SAND with silt
5			5.0
			Bottom of borehole at 5.00 feet.
10			
15			

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:16 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-13

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 1.5 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.5 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		AU 1	(SP-SM) Light brown to tan SAND with silt
			3.5
		AU 2	(SP-SM) Tan SAND with silt
5			6.0
		AU 3	(SP-SM) Brown SAND with silt
			8.5
		AU 4	(SC) Light gray clayey SAND
10			10.0
			Bottom of borehole at 10.00 feet.
15			

BORING NUMBER B-14

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Brown silty SAND
			1.0
		AU 1	(SP-SM) Light brown to tan SAND with silt
			4.0
5		AU 2	(SP-SM) Brown SAND with silt
			5.0
			Bottom of borehole at 5.00 feet.
10			
15			

BORING NUMBER B-15

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.9 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Brown silty SAND
			1.0
		AU 1	(SM) Light brown to tan silty SAND
			3.5
		AU 2	(SP-SM) Light brown SAND with silt
5			5.0
			Bottom of borehole at 5.00 feet.
10			
15			

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:16 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-16

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 3.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		AU 1	(SP-SM) Light brown to tan SAND with silt
			4.0
5		AU 2	(SP-SM) Tan SAND with silt
			7.0
		AU 3	(SP-SM) Dark brown SAND with silt
10			10.0
			Bottom of borehole at 10.00 feet.
15			

BORING NUMBER B-17

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 3.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Brown silty SAND
			1.0
		AU 1	(SP-SM) Light brown to tan SAND with silt
			3.5
5		AU 2	(SP-SM) Light brown SAND with silt
			5.0
			Bottom of borehole at 5.00 feet.
10			
15			

BORING NUMBER B-18

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Brown silty SAND
			1.0
		AU 1	(SP-SM) Light brown to tan SAND with silt
5		AU 2	5.0
			Bottom of borehole at 5.00 feet.
10			
15			

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:16 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-19

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 2.0 ft
ESTIMATED SEASONAL HIGH 0.5 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		AU 1	(SP-SM-SM) Light brown to tan SAND with silt
3.0		AU 2	(SP-SM) Brown SAND with silt
5.0			Bottom of borehole at 5.00 feet.

BORING NUMBER B-20

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 3.5 ft
ESTIMATED SEASONAL HIGH 1.0 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		AU 1	(SM) Dark brown silty SAND
1.0			(SP-SM) Light brown to tan SAND with silt
8.0		AU 2	(SP-SM) Dark brown SAND with silt
10.0		AU 3	Bottom of borehole at 10.00 feet.

BORING NUMBER B-21

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 3.0 ft
ESTIMATED SEASONAL HIGH 1.5 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		AU 1	(SM) Dark brown silty SAND
1.5		AU 2	(SP-SM) Brown SAND with silt
3.0		AU 3	(SP-SM) Light brown to tan SAND with silt
5.0			Bottom of borehole at 5.00 feet.

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:16 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-22

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 0.5 ft
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SM) Dark brown silty SAND — 0.5
	AU 1	(SP-SM) Gray SAND with silt — 2.0
	AU 2	(SP-SM) Light brown to tan SAND with silt — 4.0
5	AU 3	(SP-SM) Brown SAND with silt — 5.0
		Bottom of borehole at 5.00 feet.
10		
15		

BORING NUMBER B-23

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 3.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 0.5 ft
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SP-SM) Dark brown SAND with silt — 0.5
		(SP-SM) Light brown SAND with silt
	AU 1	
5		— 6.0
		(SC) Brown clayey SAND
	AU 2	— 8.5
		(SP-SM) Brown SAND with silt
10	AU 3	— 10.0
		Bottom of borehole at 10.00 feet.
15		

BORING NUMBER B-24

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SM) Brown silty SAND — 1.0
	AU 1	(SP-SM) Light brown to tan SAND with silt — 4.0
5	AU 2	(SP-SM) Brown SAND with silt — 5.0
		Bottom of borehole at 5.00 feet.
10		
15		

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:16 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-25

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 2.0 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		AU 1	(SP-SM) Brown SAND with silt
3.5			(SP-SM) Light brown SAND with silt
5		AU 2	5.0
			Bottom of borehole at 5.00 feet.
10			
15			

BORING NUMBER B-26

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.5 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		AU 1	(SM) Dark brown silty SAND
1.0			(SM) Light brown silty SAND
		AU 2	
5		AU 3	5.0
			Bottom of borehole at 5.00 feet.
10			
15			

BORING NUMBER B-27

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.5 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 0.5 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SP-SM) Dark brown SAND with silt 0.5
		AU 1	(SP-SM) Light brown SAND with silt
3.0			
			(SP-SM) Tan SAND with silt
5		AU 2	5.0
			Bottom of borehole at 5.00 feet.
10			
15			

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:16 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-28

DATE PERFORMED 8/16/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 2.0 ft
ESTIMATED SEASONAL HIGH 1.0 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Brown silty SAND
			1.0
		AU 1	(SP-SM) Light brown to tan SAND with silt
5			5.0
		AU 2	(SP-SM) Brown SAND with silt
			8.5
10		AU 3	(SM) Brown silty SAND
			11.5
		AU 4	(SP-SM) Gray SAND with silt
			13.0
15		AU 5	(CH) Green and gray sandy CLAY
			15.0
			Bottom of borehole at 15.00 feet.

BORING NUMBER B-29

DATE PERFORMED 8/16/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 2.5 ft
ESTIMATED SEASONAL HIGH 1.0 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Brown silty SAND
			1.0
		AU 1	(SP-SM) Light brown to tan SAND with silt
			4.0
5		AU 2	(SM) Brown silty SAND
		AU 3	
10			
			13.5
		AU 4	(SC) Light brown clayey SAND
15			15.0
			Bottom of borehole at 15.00 feet.

BORING NUMBER B-30

DATE PERFORMED 8/16/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 2.0 ft
ESTIMATED SEASONAL HIGH 1.5 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		AU 1	(SM) Brown silty SAND
			1.5
		AU 2	(SP-SM) Light brown to tan SAND with silt
			4.0
5		AU 3	(SP-SM) Gray SAND with silt
10		AU 4	
			12.5
		AU 5	(SP-SM) White SAND with silt
			14.0
15		AU 6	(SC) Green to gray clayey SAND
			15.0
			Bottom of borehole at 15.00 feet.

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:16 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-31

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Brown silty SAND
			1.0
			(SP-SM) Light brown to tan SAND with silt
		AU 1	
5			5.0
			(SP-SM) Brown SAND with silt
		AU 2	
10			
			12.5
		AU 3	(SP-SM) Gray SAND with silt and lenses of gray clayey sand
15			15.0
			Bottom of borehole at 15.00 feet.

BORING NUMBER B-32

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Dark brown silty SAND
			1.0
		AU 1	(SP-SM) Light brown to tan SAND with silt
			3.5
5		AU 2	(SP-SM) Brown SAND with silt
			5.5
		AU 3	(SM) Dark brown silty SAND
			8.5
10			(SC) Light brown clayey SAND
		AU 4	
15			15.0
			Bottom of borehole at 15.00 feet.

BORING NUMBER B-33

DATE PERFORMED 8/16/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.5 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Brown silty SAND
			1.0
		AU 1	(SP-SM) Light brown to tan SAND with silt
			4.0
5		AU 2	(SP-SC) Brown SAND with clay
			8.0
		AU 3	(SC) Brown and gray clayey SAND
10			
			14.0
15		AU 4	(CH) Green and gray sandy CLAY
			15.0
			Bottom of borehole at 15.00 feet.

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:16 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-34

DATE PERFORMED 8/16/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.5 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SM) Brown silty SAND
		1.0
	AU 1	(SP-SM) Light brown to tan SAND with silt
		3.5
	AU 2	(SC) Brown clayey SAND
5		5.0
	AU 3	(SP-SM) Brown SAND with silt
		8.5
	AU 4	(SC) Brown and gray clayey SAND
10		12.0
	AU 5	(CH) Green and gray CLAY with trace of sand and sandstone
15		15.0
		Bottom of borehole at 15.00 feet.

BORING NUMBER B-35

DATE PERFORMED 8/16/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.5 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SM) Brown silty SAND
		1.0
	AU 1	(SP-SM) Light brown to tan SAND with silt
		4.5
	AU 2	(SP-SM) Brown SAND with silt
5		9.0
	AU 3	(SC) Green and gray very clayey SAND
10		
	AU 4	
15		15.0
		Bottom of borehole at 15.00 feet.

BORING NUMBER B-36

DATE PERFORMED 8/16/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.5 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SM) Brown silty SAND
		0.5
	AU 1	(SP-SM) Light brown to tan SAND with silt
		4.0
	AU 2	(SP-SM) Brown SAND with silt
5		
	AU 3	
		11.0
	AU 4	(SC) Gray clayey SAND
10		12.5
	AU 5	(SC) Green and white very clayey SAND with sandstone
15		15.0
		Bottom of borehole at 15.00 feet.

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:16 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-37

DATE PERFORMED 8/16/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 3.0 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.5 ft
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0	AU 1	(SM) Dark brown silty SAND
		1.5
	AU 2	(SP-SM) Brown and gray SAND with silt
	AU 3	
		4.5
5	AU 4	(SC) Brown clayey SAND
		7.5
		(SC) Light brown clayey SAND
	AU 5	
10		
		11.5
	AU 6	(SC) Gray clayey SAND
		13.0
		(CH) Green and gray sandy CLAY
15	AU 7	15.0
		Bottom of borehole at 15.00 feet.

BORING NUMBER B-38

DATE PERFORMED 8/16/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING NA
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.0 ft
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SM) Brown silty SAND
		1.0
	AU 1	(SP-SM) Light brown to tan SAND with silt
		4.0
5	AU 2	(SP-SM) Brown SAND with silt
		8.5
	AU 3	(SP-SM) Light brown SAND with silt
10		10.5
		(SC) Gray and tan clayey SAND
	AU 4	
		15.0
15		Bottom of borehole at 15.00 feet.

BORING NUMBER B-39

DATE PERFORMED 8/16/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
LOGGED BY GW
AT TIME OF DRILLING 2.5 ft
CHECKED BY CAD
ESTIMATED SEASONAL HIGH 1.5 ft
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0	AU 1	(SM) Dark brown silty SAND
		1.5
	AU 2	(SP-SM) Light brown to tan SAND with silt
		3.5
		(SP-SM) Brown SAND with silt
5	AU 3	
		6.5
		(SP-SM) Dark brown SAND with silt
	AU 4	
10		
		12.5
	AU 5	(SP-SM) Light brown to tan SAND with silt
		13.5
		(CH) Light green to gray sandy CLAY
15		15.0
		Bottom of borehole at 15.00 feet.

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:16 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-40

DATE PERFORMED 8/16/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 3.0 ft
ESTIMATED SEASONAL HIGH 1.0 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0	AU 1	(SM) Dark brown silty SAND
1.0		(SP-SM) Light brown to tan SAND with silt
	AU 2	
4.0		(SP-SM) Brown SAND with silt
5	AU 3	
9.0		(SC) Light brown and gray clayey SAND
10	AU 4	
14.0		(SC) Gray clayey SAND
15	AU 5	
15.0		Bottom of borehole at 15.00 feet.

BORING NUMBER B-41

DATE PERFORMED 8/16/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 2.5 ft
ESTIMATED SEASONAL HIGH 1.5 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SM) Brown silty SAND
1.5	AU 1	(SP-SM) Light brown to tan SAND with silt
4.5		(SP-SM) Brown SAND with silt
5	AU 2	
8.5		(SP-SM) Light brown SAND with silt
10	AU 3	
12.5		(SC) Green and gray clayey SAND
15	AU 4	
15.0		Bottom of borehole at 15.00 feet.

BORING NUMBER B-42

DATE PERFORMED 8/16/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 2.5 ft
ESTIMATED SEASONAL HIGH 1.0 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SM) Dark brown silty SAND
0.5		(SP-SM) Light brown to tan SAND with silt
	AU 1	
4.0		(SM) Dark brown silty SAND
5	AU 2	
10.5		(SC) Light brown and gray clayey SAND
10	AU 3	
13.5		(SP-SM) Light brown SAND with silt
15	AU 4	
15.0		Bottom of borehole at 15.00 feet.

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:16 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-43

DATE PERFORMED 8/16/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 2.5 ft
ESTIMATED SEASONAL HIGH 1.5 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0	AU 1	(SM) Dark brown silty SAND
		1.5
	AU 2	(SP-SM) Light brown to tan SAND with silt
		3.5
5	AU 3	(SP-SM) Brown SAND with silt
		8.5
10	AU 4	(SP-SC) Light brown to tan SAND with clay
		14.0
15	AU 5	(SP-SM) Gray clayey SAND with silt
		15.0
		Bottom of borehole at 15.00 feet.

BORING NUMBER B-44

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 6.0 ft
ESTIMATED SEASONAL HIGH 1.0 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0	AU 1	(SM) Dark brown silty SAND
		1.0
	AU 2	(SP-SM) Light brown to tan SAND with silt
		2.5
5	AU 3	(SC) Brown and orange clayey SAND
		5.5
	AU 4	(SP-SM) Gray SAND with silt
		8.0
10	AU 5	(SC) Green to gray very clayey SAND
		12.5
15	AU 6	(CH) Green and gray CLAY
		15.0
		Bottom of borehole at 15.00 feet.

BORING NUMBER B-45

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 5.0 ft
ESTIMATED SEASONAL HIGH 1.5 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0	AU 1	(SM) Brown silty SAND
		1.5
	AU 2	(SP-SM) Light brown SAND with silt
		8.0
5	AU 3	(SC) Green and gray very clayey SAND
		12.0
10	AU 4	(CH) Green and gray CLAY
		15.0
15	AU 5	Bottom of borehole at 15.00 feet.

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:17 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-46

DATE PERFORMED 8/31/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 5.5 ft
ESTIMATED SEASONAL HIGH 3.5 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		ASPHALT - 3", LIMEROCK - 7.5"
		0.9
	AU 1	(SM) Dark brown silty SAND
		3.5
	AU 2	(SP-SM) Light brown to tan SAND with silt
		4.5
5		(SC) Gray clayey SAND
	AU 3	
		8.5
	AU 4	(SC) Gray to orange very clayey SAND
10		11.0
		(CH) Green to gray CLAY
	AU 5	
15		15.0
		Bottom of borehole at 15.00 feet.

BORING NUMBER S-1

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 4.0 ft
ESTIMATED SEASONAL HIGH 1.0 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SM) Brown silty SAND
		1.0
	AU 1	(SP-SM) Light brown to tan SAND with silt
		2.5
		(SC) Brown and orange clayey SAND
	AU 2	
		4.5
5		(SP-SM) Light brown SAND with silt
	AU 3	
		7.5
		(SC) Green and gray very clayey SAND
10	AU 4	
		12.5
		(CH) Green and gray CLAY
	AU 5	
15		15.0
		Bottom of borehole at 15.00 feet.

BORING NUMBER S-2

DATE PERFORMED 8/17/2009
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS:
AT TIME OF DRILLING 4.0 ft
ESTIMATED SEASONAL HIGH 1.0 ft
LOGGED BY GW
CHECKED BY CAD
NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SM) Brown silty SAND
		1.0
	AU 1	(SP-SM) Light brown to tan SAND with silt
		2.5
		(SP-SC) Brown and orange SAND with clay
	AU 2	
5		5.0
		(SP-SM) Brown SAND with silt
	AU 3	
		10.5
10		(CH) Gray to green CLAY
	AU 4	
15		15.0
		Bottom of borehole at 15.00 feet.

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:17 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT Gainesville Renewable Energy Center, LLC.

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER S-3

DATE PERFORMED 8/17/2009

DRILLING CONTRACTOR Whitaker Drilling, Inc.

GROUND WATER LEVELS:

LOGGED BY GW

AT TIME OF DRILLING 3.5 ft

CHECKED BY CAD

ESTIMATED SEASONAL HIGH 1.0 ft

NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0			(SM) Brown silty SAND
			1.0
		AU 1	(SC) Light brown to tan clayey SAND
			3.5
			(SC) Brown clayey SAND
5		AU 2	
			7.5
		AU 3	(SP-SM) Light gray SAND with silt
			8.5
		AU 4	(SC) Green and gray very clayey SAND
10			
			11.0
			(CH) Green and orange CLAY
		AU 5	
15			15.0
			Bottom of borehole at 15.00 feet.

BORING NUMBER S-4

DATE PERFORMED 8/17/2009

DRILLING CONTRACTOR Whitaker Drilling, Inc.

GROUND WATER LEVELS:

LOGGED BY GW

AT TIME OF DRILLING 3.0 ft

CHECKED BY CAD

ESTIMATED SEASONAL HIGH 1.0 ft

NOTES

DEPTH (ft)	GRAPHIC LOG	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		AU 1	(SM) Brown silty SAND
			1.0
		AU 2	(SP-SM) Light brown to tan SAND with silt
			2.5
			(SC) Brown and orange SAND
		AU 3	
5			5.0
			(SP-SM) Light brown to tan clayey SAND with silt
		AU 4	
			8.5
		AU 5	(SC) Gray to green very clayey SAND
10			
			11.5
			(CH) Green and orange CLAY
		AU 6	
15			15.0
			Bottom of borehole at 15.00 feet.

AB 3 LANDSCAPE - GINT STD US.GDT - 9/11/09 13:17 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

GSE Engineering & Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, Florida 32608
Telephone: 352-377-3233

CLIENT American Renewables

PROJECT NAME Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements

PROJECT NUMBER 10509

PROJECT LOCATION Gainesville, Alachua County, Florida

BORING NUMBER B-28

DATE PERFORMED 8/16/2009

DRILLING CONTRACTOR Whitaker Drilling, Inc.

GROUND WATER LEVELS:

LOGGED BY GW

AT TIME OF DRILLING 2.0 ft

CHECKED BY CAD

ESTIMATED SEASONAL HIGH 1.0 ft

NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SM) Brown silty SAND
		1.0
	AU 1	(SP-SM) Light brown to tan SAND with silt
5		5.0
	AU 2	(SP-SM) Brown SAND with silt
		8.5
	AU 3	(SM) Brown silty SAND
10		11.5
	AU 4	(SP-SM) Gray SAND with silt
		13.0
	AU 5	(CH) Green and gray sandy CLAY
15		15.0
		Bottom of borehole at 15.00 feet.

BORING NUMBER B-29

DATE PERFORMED 8/16/2009

DRILLING CONTRACTOR Whitaker Drilling, Inc.

GROUND WATER LEVELS:

LOGGED BY GW

AT TIME OF DRILLING 2.5 ft

CHECKED BY CAD

ESTIMATED SEASONAL HIGH 1.0 ft

NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0		(SM) Brown silty SAND
		1.0
	AU 1	(SP-SM) Light brown to tan SAND with silt
		4.0
5		(SM) Brown silty SAND
	AU 2	
	AU 3	
10		
		13.5
		(SC) Light brown clayey SAND
15	AU 4	15.0
		Bottom of borehole at 15.00 feet.

BORING NUMBER B-30

DATE PERFORMED 8/16/2009

DRILLING CONTRACTOR Whitaker Drilling, Inc.

GROUND WATER LEVELS:

LOGGED BY GW

AT TIME OF DRILLING 2.0 ft

CHECKED BY CAD

ESTIMATED SEASONAL HIGH 1.5 ft

NOTES

DEPTH (ft)	SAMPLE NUMBER	MATERIAL DESCRIPTION
0	AU 1	(SM) Brown silty SAND
		1.5
	AU 2	(SP-SM) Light brown to tan SAND with silt
		4.0
5	AU 3	(SP-SM) Gray SAND with silt
	AU 4	
10		
		12.5
	AU 5	(SP-SM) White SAND with silt
		14.0
15	AU 6	(SC) Green to gray clayey SAND
		15.0
		Bottom of borehole at 15.00 feet.

(Continued Next Page)

AB 3 LANDSCAPE - GINT STD US.GDT - 9/10/09 12:10 - \\SERVER1\GENERAL\PROJECTS\10509 DEERHAVEN BIOMASS POWER GENERATION PLANT\10509 BORINGS\10509 BORINGS.GPJ

5.2 Laboratory Results

GSE Engineering & Consulting, Inc.

SUMMARY REPORT OF LABORATORY TEST RESULTS

Project Number: 10509

Project Name: Deerhaven Biomass Power Generation Plant
Roadway and Stormwater Management Improvements

Boring Number	Depth (ft)	Soil Description	Natural Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	Percent Passing No. 200 Sieve	Organic Content (%)	Unified Soil Classification
B-1	0 - 2	Brown Silty SAND	8.7				13		SM
B-2	9 - 10	Green, Gray and Orange Very Clayey SAND	21				37		SC
B-2	13 - 14	Green and Orange CLAY	69	188	61	127	92		CH
B-7	14 - 15	Green and Gray Sandy CLAY	35	75	28	47	69		CH
B-9	0 - 2	Brown Silty SAND	18				12		SM
B-11	11 - 12	Green Very Clayey SAND with rock fragments	25	45	22	23	44		SC
B-12	1 - 2	Light Brown Silty SAND	18				12		SM
B-13	9 - 10	Light Gray Clayey SAND	15				21		SC
B-15	1 - 2	Light Brown to Tan Silty SAND	12				12		SM
B-16	8 - 9	Dark Brown SAND with silt	22				5.8		SP-SM

GSE Engineering & Consulting, Inc.

SUMMARY REPORT OF LABORATORY TEST RESULTS

Project Number: 10509

Project Name: Deerhaven Biomass Power Generation Plant
Roadway and Stormwater Management Improvements

Boring Number	Depth (ft)	Soil Description	Natural Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	Percent Passing No. 200 Sieve	Organic Content (%)	Unified Soil Classification
B-18	4 - 5	Light Brown to Tan SAND with silt	16				10		SP-SM
B-20	9 - 10	Dark Brown SAND with silt	22				9.4		SP-SM
B-21	0 - 1	Dark Brown Silty SAND	9.9				14		SM
B-23	7 - 8	Brown Clayey SAND	20				18		SC
B-26	4 - 5	Light Brown Silty SAND	23				12		SM
B-29	1-2.5	Light Brown to Tan SAND with silt	15				10		SP-SM
B-29	14- 15	Light Brown Clayey SAND	14				18		SC
B-30	14 - 15	Green to Gray Clayey SAND	15				26		SC
B-32	3 - 4	Light Brown to Tan SAND with silt	15				9.7		SP-SM
B-34	1-2.5	Light Brown to Tan SAND with silt	14				9.5		SP-SM

GSE Engineering & Consulting, Inc.

SUMMARY REPORT OF LABORATORY TEST RESULTS

Project Number: 10509

Project Name: Deerhaven Biomass Power Generation Plant
Roadway and Stormwater Management Improvements

Boring Number	Depth (ft)	Soil Description	Natural Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	Percent Passing No. 200 Sieve	Organic Content (%)	Unified Soil Classification
B-34	4 - 5	Brown Clayey SAND	19				13		SC
B-36	13 - 14	Green and White Very Clayey SAND with sandstone	29				41		SC
B-37	1-2.5	Brown and Gray SAND with silt	12				11		SP-SM
B-37	5 - 6	Brown Clayey SAND	26				17		SC
B-37	14 - 15	Green and Gray Sandy CLAY	35				63		CH
B-39	9 - 10	Dark Brown SAND with silt	21				9.5		SP-SM
B-40	2-4	Light Brown to Tan SAND with silt	14				9.1		SP-SM
B-40	14 - 15	Gray Clayey SAND	15				17		SC
B-41	13 - 14	Green and Gray Clayey SAND	15				20		SC
B-44	2.5-4	Brown and Orange SAND with clay	7.5				11		SP-SM

GSE Engineering & Consulting, Inc.

SUMMARY REPORT OF LABORATORY TEST RESULTS

Project Number: 10509

Project Name: Deerhaven Biomass Power Generation Plant
Roadway and Stormwater Management Improvements

Boring Number	Depth (ft)	Soil Description	Natural Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	Percent Passing No. 200 Sieve	Organic Content (%)	Unified Soil Classification
B-44	9 - 10	Green and Gray Very Clayey SAND	17				33		SC
B-45	1-2.5	Light Brown SAND with silt	6.6				11		SP-SM
S-1	3 - 4	Brown and Orange Clayey SAND	15				16		SC
S-3	5 - 6	Brown Clayey SAND	21				18		SC
S-3	1-2.5	Light Brown to Tan Clayey SAND	13				14		SC
S-4	1-2.5	Light Brown to Tan SAND with silt	14				10		SP-SM

GSE Engineering & Consulting, Inc.

Constant Head Permeability Test Results

Project:	10509	Test Date	9/4/2009
Project No.:	Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements	Tested By	CM / NB
Boring No.:	B-29		
Sample Depth:	1-2.5		
Soil Description:	Light Brown to Tan SAND with silt		

Length Between Manometer Outlets	7.62	cm
Diameter of Soil Specimen	7.62	cm
Cross Section Area of Specimen (A)	45.60	cm
Bottom height of Specimen (h_1)	2.5	cm
Top height of Specimen (h_2)	15.0	cm
Volume of Specimen [(h_2-h_1) * A]	570.00	cm^3
Mass of Air Dry Soil	1245.8	g
Mass of Unused Soil	326.6	g
Mass of Soil Specimen	919.2	g
Unit Weight of Soil Specimen (air dry)	100.63	lb/ft^3
Water Content	7.90	percent
Dry Unit Weight of Soil	93.26	lb/ft^3

Trial No.	Manometer Readings		Head	Q	Time (sec)	Temp	Permeability
	H_1	H_2					
1	76.3	9.8	66.5	46.54	30.0		3.90E-03
2	76.4	9.8	66.6	46.40	30.0		3.88E-03
3	76.4	9.8	66.6	45.72	30.0		3.82E-03
4	76.6	9.8	66.8	45.33	30.0		3.78E-03

Average Permeability = 3.85E-03 cm/sec

11 ft/day

GSE Engineering & Consulting, Inc.

Constant Head Permeability Test Results

Project:	10509	Test Date	9/4/2009
Project No.:	Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements	Tested By	CM / NB
Boring No.:	B-32		
Sample Depth:	3-4 feet		
Soil Description:	Light Brown to Tan SAND with silt		

Length Between Manometer Outlets	7.62	cm
Diameter of Soil Specimen	7.62	cm
Cross Section Area of Specimen (A)	45.60	cm
Bottom height of Specimen (h_1)	2.5	cm
Top height of Specimen (h_2)	15.0	cm
Volume of Specimen [(h_2-h_1) * A]	570.00	cm^3
Mass of Air Dry Soil	1254.1	g
Mass of Unused Soil	345.0	g
Mass of Soil Specimen	909.1	g
Unit Weight of Soil Specimen (air dry)	99.52	lb/ft^3
Water Content	5.80	percent
Dry Unit Weight of Soil	94.07	lb/ft^3

Trial No.	Manometer Readings		Head	Q	Time (sec)	Temp	Permeability
	H_1	H_2					
1	65.0	15.5	49.5	54.89	45.0		4.12E-03
2	65.3	15.7	49.6	55.10	45.0		4.13E-03
3	65.4	15.8	49.6	55.49	45.0		4.15E-03
4	65.6	15.9	49.7	55.12	45.0		4.12E-03

Average Permeability = 4.13E-03 cm/sec

12 ft/day

GSE Engineering & Consulting, Inc.

Constant Head Permeability Test Results

Project:	10509	Test Date	9/4/2009
Project No.:	Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements	Tested By	CM / NB
Boring No.:	B-34		
Sample Depth:	1-2.5		
Soil Description:	Light Brown to Tan SAND with silt		

Length Between Manometer Outlets	7.62	cm
Diameter of Soil Specimen	7.62	cm
Cross Section Area of Specimen (A)	45.60	cm
Bottom height of Specimen (h_1)	2.5	cm
Top height of Specimen (h_2)	15.0	cm
Volume of Specimen [(h_2-h_1) * A]	570.00	cm^3
Mass of Air Dry Soil	1249.0	g
Mass of Unused Soil	338.5	g
Mass of Soil Specimen	910.5	g
Unit Weight of Soil Specimen (air dry)	99.68	lb/ft^3
Water Content	5.90	percent
Dry Unit Weight of Soil	94.12	lb/ft^3

Trial No.	Manometer Readings		Head	Q	Time (sec)	Temp	Permeability
	H_1	H_2					
1	69.9	14.2	55.7	92.64	45.0		6.18E-03
2	69.9	14.2	55.7	92.69	45.0		6.18E-03
3	69.8	14.3	55.5	92.83	45.0		6.21E-03
4	69.9	14.3	55.6	92.41	45.0		6.17E-03

Average Permeability = 6.18E-03 cm/sec

17 ft/day

GSE Engineering & Consulting, Inc.

Constant Head Permeability Test Results

Project:	10509	Test Date	9/4/2009
Project No.:	Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements	Tested By	CM / NB
Boring No.:	B-37		
Sample Depth:	1-2.5		
Soil Description:	Brown and Gray SAND with silt		

Length Between Manometer Outlets	7.62	cm
Diameter of Soil Specimen	7.62	cm
Cross Section Area of Specimen (A)	45.60	cm
Bottom height of Specimen (h_1)	2.5	cm
Top height of Specimen (h_2)	15.0	cm
Volume of Specimen [(h_2-h_1) * A]	570.00	cm^3
Mass of Air Dry Soil	1116.0	g
Mass of Unused Soil	205.6	g
Mass of Soil Specimen	910.4	g
Unit Weight of Soil Specimen (air dry)	99.66	lb/ft^3
Water Content	5.90	percent
Dry Unit Weight of Soil	94.11	lb/ft^3

Trial No.	Manometer Readings		Head	Q	Time (sec)	Temp	Permeability
	H_1	H_2					
1	45.1	6.2	38.9	49.24	45.0		4.70E-03
2	45.2	6.2	39.0	49.14	45.0		4.68E-03
3	45.3	6.2	39.1	49.58	45.0		4.71E-03
4	45.2	6.1	39.1	50.59	45.0		4.80E-03

Average Permeability = 4.72E-03 cm/sec

13 ft/day

GSE Engineering & Consulting, Inc.

Constant Head Permeability Test Results

Project:	10509	Test Date	9/4/2009
Project No.:	Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements	Tested By	CM / NB
Boring No.:	B-40		
Sample Depth:	2-4		
Soil Description:	Light Brown to Tan SAND with silt		

Length Between Manometer Outlets	7.62	cm
Diameter of Soil Specimen	7.62	cm
Cross Section Area of Specimen (A)	45.60	cm
Bottom height of Specimen (h_1)	2.5	cm
Top height of Specimen (h_2)	15.0	cm
Volume of Specimen [(h_2-h_1) * A]	570.00	cm^3
Mass of Air Dry Soil	1131.4	g
Mass of Unused Soil	221.1	g
Mass of Soil Specimen	910.3	g
Unit Weight of Soil Specimen (air dry)	99.65	lb/ft^3
Water Content	5.90	percent
Dry Unit Weight of Soil	94.10	lb/ft^3

Trial No.	Manometer Readings		Head	Q	Time (sec)	Temp	Permeability
	H_1	H_2					
1	61.1	13.3	47.8	78.99	45.0		6.14E-03
2	61.1	13.3	47.8	79.22	45.0		6.15E-03
3	61.2	13.4	47.8	79.34	45.0		6.16E-03
4	61.3	13.4	47.9	79.27	45.0		6.15E-03

Average Permeability = 6.15E-03 cm/sec

17 ft/day

GSE Engineering & Consulting, Inc.

Constant Head Permeability Test Results

Project:	10509	Test Date	9/4/2009
Project No.:	Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements	Tested By	CM / NB
Boring No.:	B-44		
Sample Depth:	2.5-4		
Soil Description:	Brown and Orange SAND with clay		

Length Between Manometer Outlets	7.62	cm
Diameter of Soil Specimen	7.62	cm
Cross Section Area of Specimen (A)	45.60	cm
Bottom height of Specimen (h_1)	2.5	cm
Top height of Specimen (h_2)	14.7	cm
Volume of Specimen [(h_2-h_1) * A]	556.32	cm^3
Mass of Air Dry Soil	1099.6	g
Mass of Unused Soil	166.4	g
Mass of Soil Specimen	933.2	g
Unit Weight of Soil Specimen (air dry)	104.67	lb/ft^3
Water Content	7.50	percent
Dry Unit Weight of Soil	97.37	lb/ft^3

Trial No.	Manometer Readings		Head	Q	Time (sec)	Temp	Permeability
	H_1	H_2					
1	57.8	7.6	50.2	52.99	45.0		3.92E-03
2	57.7	7.7	50.0	53.05	45.0		3.94E-03
3	57.8	7.8	50.0	53.13	45.0		3.95E-03
4	57.8	7.8	50.0	53.38	45.0		3.96E-03

Average Permeability = 3.94E-03 cm/sec

11 ft/day

GSE Engineering & Consulting, Inc.

Constant Head Permeability Test Results

Project:	10509	Test Date	9/4/2009
Project No.:	Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements	Tested By	CM / NB
Boring No.:	B-45		
Sample Depth:	1-2.5		
Soil Description:	Light Brown SAND with silt		

Length Between Manometer Outlets	7.62	cm
Diameter of Soil Specimen	7.62	cm
Cross Section Area of Specimen (A)	45.60	cm
Bottom height of Specimen (h_1)	2.5	cm
Top height of Specimen (h_2)	14.9	cm
Volume of Specimen [(h_2-h_1) * A]	565.44	cm^3
Mass of Air Dry Soil	1103.7	g
Mass of Unused Soil	181.2	g
Mass of Soil Specimen	922.5	g
Unit Weight of Soil Specimen (air dry)	101.80	lb/ft^3
Water Content	6.60	percent
Dry Unit Weight of Soil	95.50	lb/ft^3

Trial No.	Manometer Readings		Head	Q	Time (sec)	Temp	Permeability
	H_1	H_2					
1	65.1	11.1	54.0	65.45	45.0		4.50E-03
2	65.2	11.4	53.8	65.65	45.0		4.53E-03
3	65.2	11.4	53.8	65.55	45.0		4.52E-03
4	65.2	11.5	53.7	65.26	45.0		4.51E-03

Average Permeability = 4.52E-03 cm/sec

13 ft/day

GSE Engineering & Consulting, Inc.

Constant Head Permeability Test Results

Project:	10509	Test Date	9/4/2009
Project No.:	Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements	Tested By	CM / NB
Boring No.:	S-3		
Sample Depth:	1-2.5		
Soil Description:	Light Brown to Tan Clayey SAND		

Length Between Manometer Outlets	7.62	cm
Diameter of Soil Specimen	7.62	cm
Cross Section Area of Specimen (A)	45.60	cm
Bottom height of Specimen (h_1)	2.5	cm
Top height of Specimen (h_2)	15.0	cm
Volume of Specimen [(h_2-h_1) * A]	570.00	cm^3
Mass of Air Dry Soil	1155.7	g
Mass of Unused Soil	246.0	g
Mass of Soil Specimen	909.7	g
Unit Weight of Soil Specimen (air dry)	99.59	lb/ft^3
Water Content	5.30	percent
Dry Unit Weight of Soil	94.58	lb/ft^3

Trial No.	Manometer Readings		Head	Q	Time (sec)	Temp	Permeability
	H_1	H_2					
1	58.0	10.5	47.5	71.57	45.0		5.60E-03
2	58.0	10.5	47.5	71.49	45.0		5.59E-03
3	58.0	10.5	47.5	71.27	45.0		5.57E-03
4	57.9	10.6	47.3	71.42	45.0		5.61E-03

Average Permeability = 5.59E-03 cm/sec

16 ft/day

GSE Engineering & Consulting, Inc.

Constant Head Permeability Test Results

Project:	10509	Test Date	9/4/2009
Project No.:	Deerhaven Biomass Power Generation Plant Roadway and Stormwater Management Improvements	Tested By	CM / NB
Boring No.:	S-4		
Sample Depth:	1-2.5		
Soil Description:	Light Brown to Tan SAND with silt		

Length Between Manometer Outlets	7.62	cm
Diameter of Soil Specimen	7.62	cm
Cross Section Area of Specimen (A)	45.60	cm
Bottom height of Specimen (h_1)	2.5	cm
Top height of Specimen (h_2)	15.0	cm
Volume of Specimen [(h_2-h_1) * A]	570.00	cm^3
Mass of Air Dry Soil	1113.2	g
Mass of Unused Soil	205.6	g
Mass of Soil Specimen	907.6	g
Unit Weight of Soil Specimen (air dry)	99.36	lb/ft^3
Water Content	5.40	percent
Dry Unit Weight of Soil	94.27	lb/ft^3

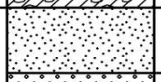
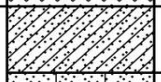
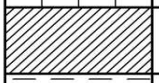
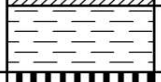
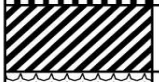
Trial No.	Manometer Readings		Head	Q	Time (sec)	Temp	Permeability
	H_1	H_2					
1	61.2	14.0	47.2	55.40	45.0		4.36E-03
2	61.2	14.0	47.2	55.23	45.0		4.35E-03
3	61.4	14.1	47.3	55.36	45.0		4.35E-03
4	61.4	14.1	47.3	55.48	45.0		4.36E-03

Average Permeability = 4.35E-03 cm/sec

12 ft/day

5.3 Key to Soil Classifications

KEY TO SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS: GRAPH	SYMBOLS: LETTER	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS — MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS — MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS — MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS — MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
	HIGHLY ORGANIC SOILS			PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

CORRELATION OF PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY

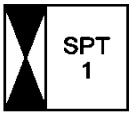
	NO. OF BLOW, N	RELATIVE DENSITY
	0 - 4	Very Loose
	5 - 10	Loose
SANDS:	11 - 30	Medium dense
	31 - 50	Dense
	OVER 50	Very Dense

	NO. OF BLOWS, N	CONSISTENCY
	0 - 2	Very Soft
	3 - 4	Soft
SILTS	5 - 8	Firm
&	9 - 15	Stiff
CLAYS:	16 - 30	Very Stiff
	31 - 50	Hard
	OVER 50	Very Hard

PARTICLE SIZE IDENTIFICATION

BOULDERS:		Greater than 300 mm
COBBLES:		75 mm to 300 mm
GRAVEL:	Coarse -	19.0 mm to 75 mm
	Fine -	4.75 mm to 19.0 mm
SANDS:	Coarse -	2.00 mm to 4.75 mm
	Medium -	0.425 mm to 2.00 mm
	Fine -	0.075 mm to 0.425 mm
SILTS & CLAYS:		Less than 0.075 mm

SAMPLE LEGEND



Location of SPT sample

Location of Auger sample

6.0 LIMITATIONS

6.1 Warranty

This report has been prepared for our client for his exclusive use, in accordance with generally accepted soil and foundation engineering practices, and makes no other warranty either expressed or implied as to the professional advice provided in the report.

6.2 Auger Borings

The determination of soil type and conditions was performed from the ground surface to the maximum depth of the borings, only. Any changes in subsurface conditions that occur between or below the borings would not have been detected or reflected in this report.

Soil classifications that were made in the field are based upon identifiable textural changes, color changes, changes in composition or changes in resistance to penetration in the intervals from which the samples were collected. Abrupt changes in soil type, as reflected in boring logs and/or cross sections may not actually occur, but instead, be transitional.

Depth to the water table is based upon observations made during the performance of the auger borings. This depth is an estimate and does not reflect the annual variations that would be expected in this area due to fluctuations in rainfall and rates of evapotranspiration.

6.3 Site Figures

The measurements used for the preparation of the figures in this report were made with a fiberglass tape and by estimating distances from existing structures and site features. Figures in this report were not prepared by a licensed land surveyor and should not be interpreted as such.

6.4 Unanticipated Soil Conditions

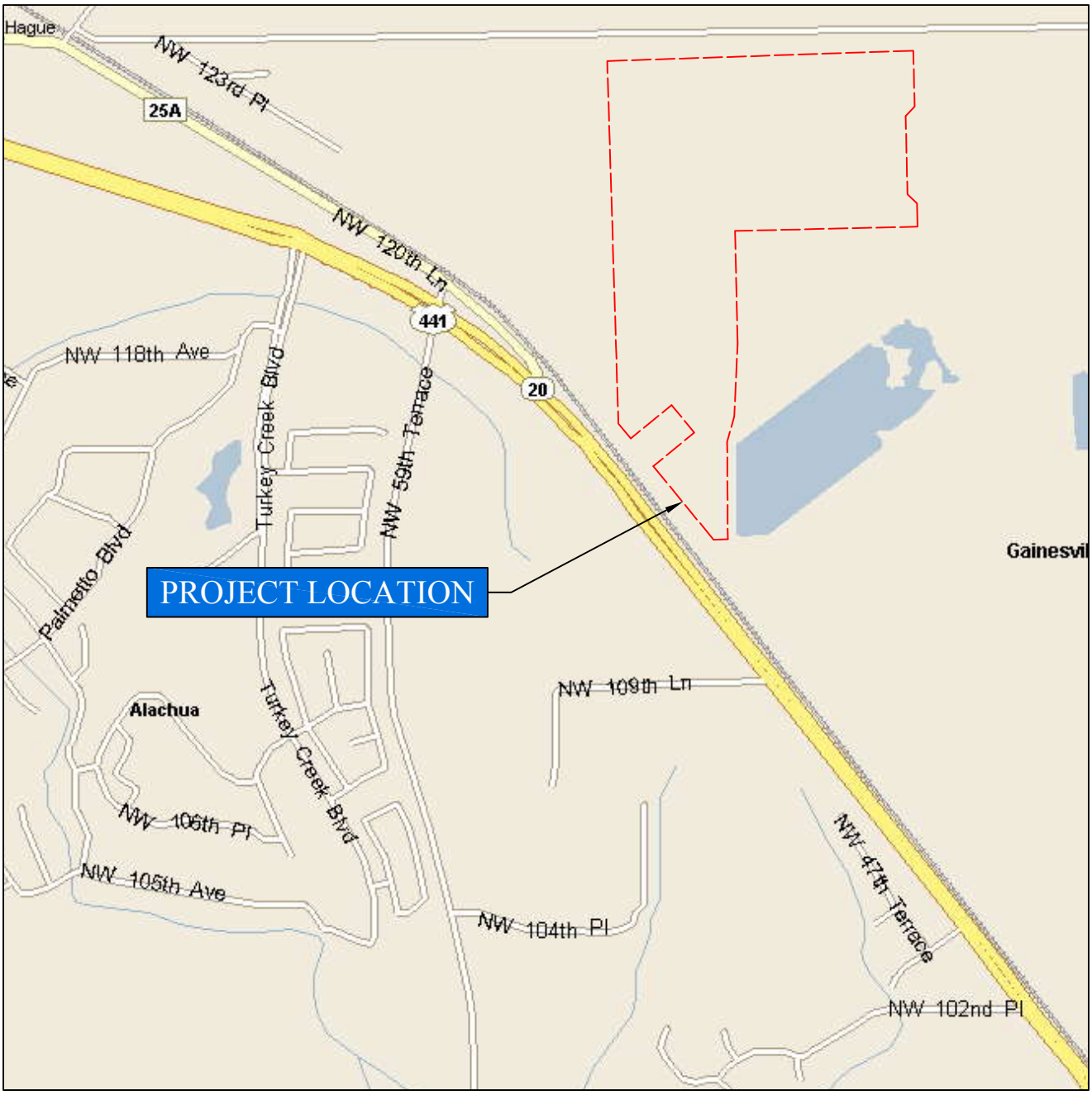
The analysis and recommendations submitted in this report are based upon the data obtained from soil borings performed at the locations indicated on the Site Plan. This report does not reflect any variations that may occur between these borings.

The nature and extent of variations between borings may not become known until excavation begins. If variations appear, we may have to re-evaluate our recommendations after performing on-site observations and noting the characteristics of any variations.

6.5 Misinterpretation of Soil Engineering Report

GSE Engineering & Consulting, Inc. is responsible for the conclusions and opinions contained within this report based upon the data relating only to the specific project and location discussed herein. If others make the conclusions or recommendations based upon the data presented, those conclusions or recommendations are not the responsibility of GSE.

FIGURES



NORTH

NOT TO SCALE

DEERHAVEN BIOMASS POWER GENERATION PLANT
GAINESVILLE, ALACHUA COUNTY, FLORIDA
GSE PROJECT No. 10509

PROJECT SITE LOCATION MAP

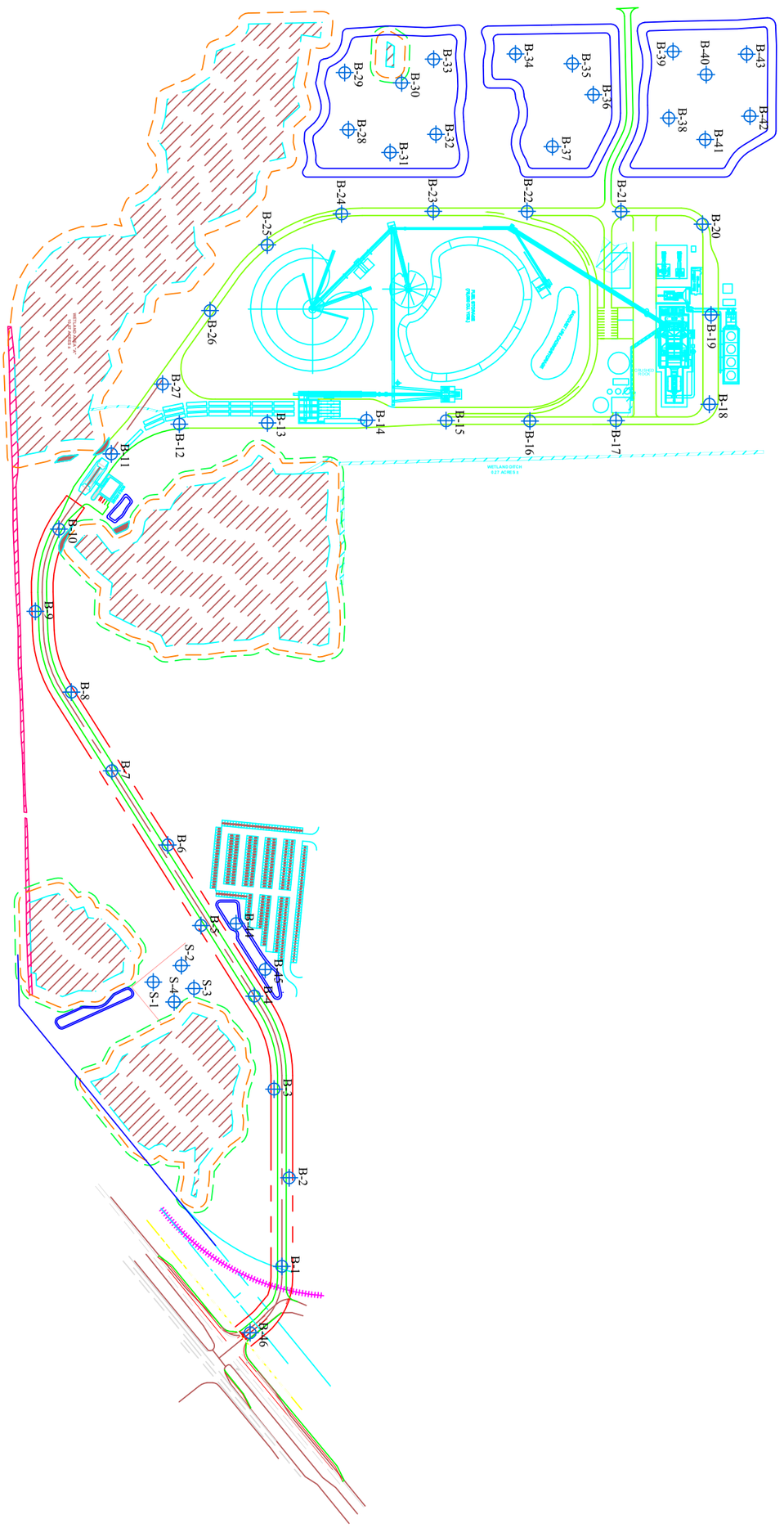
DESIGNED BY : CAD
CHECKED BY : KLH
DRAWN BY : JJJ

GSE Engineering & Consulting, Inc.

FIGURE 1

LEGEND :

AUGER BORING



SCALE: 1" = 400' APPROX.

0 NORTH 400'

SITE PLAN

DEERHAVEN BIOMASS POWER GENERATION PLANT
GAINESVILLE, ALACHUA COUNTY, FLORIDA
GSE PROJECT No. 10509

DESIGNED BY : CAD
CHECKED BY : KLH
DRAWN BY : JJJ

GSE Engineering & Consulting, Inc.

FIGURE
2

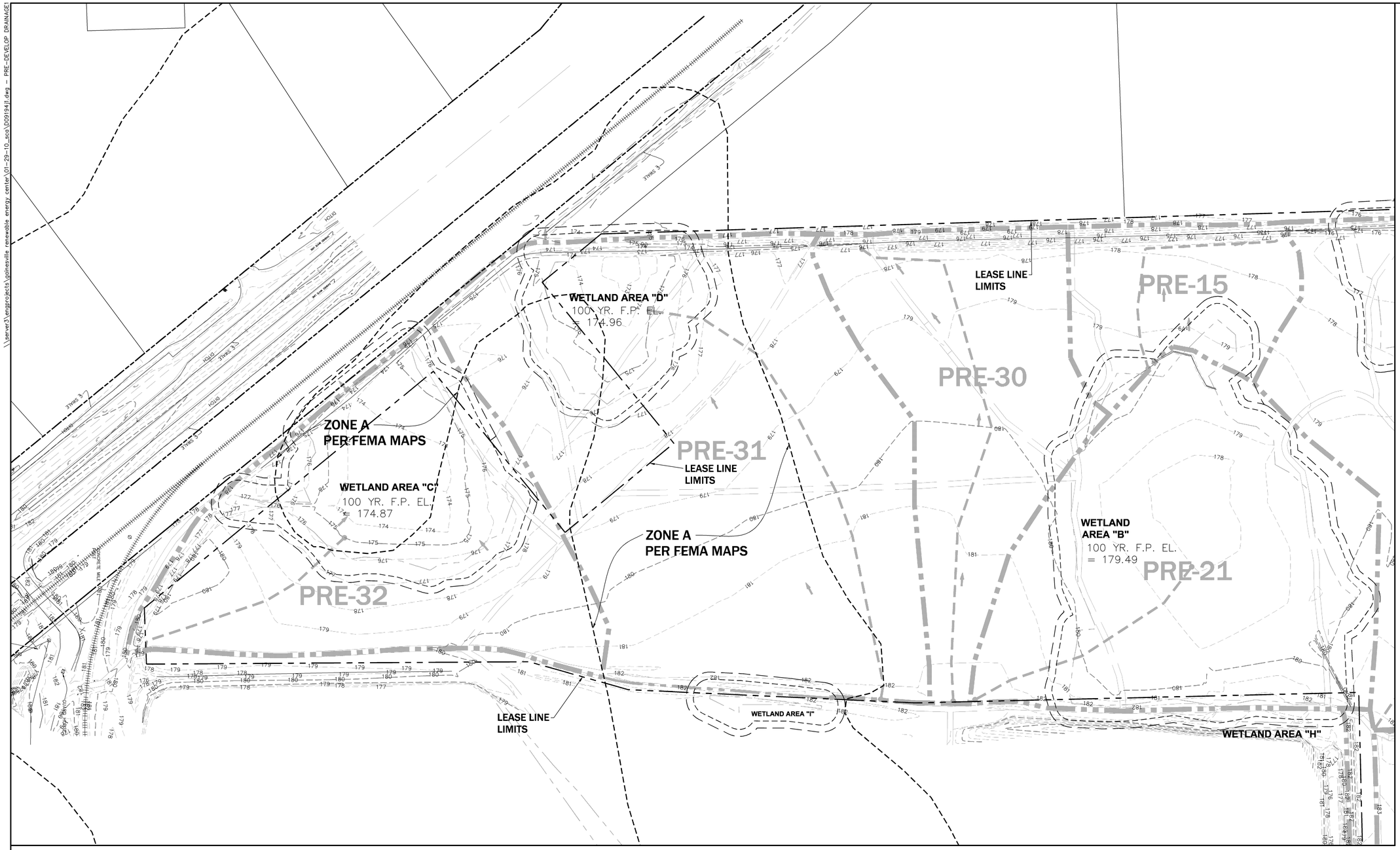
Gainesville Renewable Energy Center
An American Renewables Company

Attachment B

Pre- and Post-development Drainage Plans

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS

\\server3\engprojects\gainesville renewable energy center\01-29-10_sca\D0919491.dwg - PRE-DEVELOP DRAINAGE1



LEGEND

- 183 — EXISTING CONTOUR ELEVATION
- PRE-DEVELOPMENT DRAINAGE AREAS
- EXISTING ZONE A LIMITS PER FEMA MAPS
- TIME OF CONCENTRATION
- DRAINAGE PATTERN

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: PRE-DEVELOPMENT DRAINAGE AREAS
SHEET 1 of 3

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR

Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:

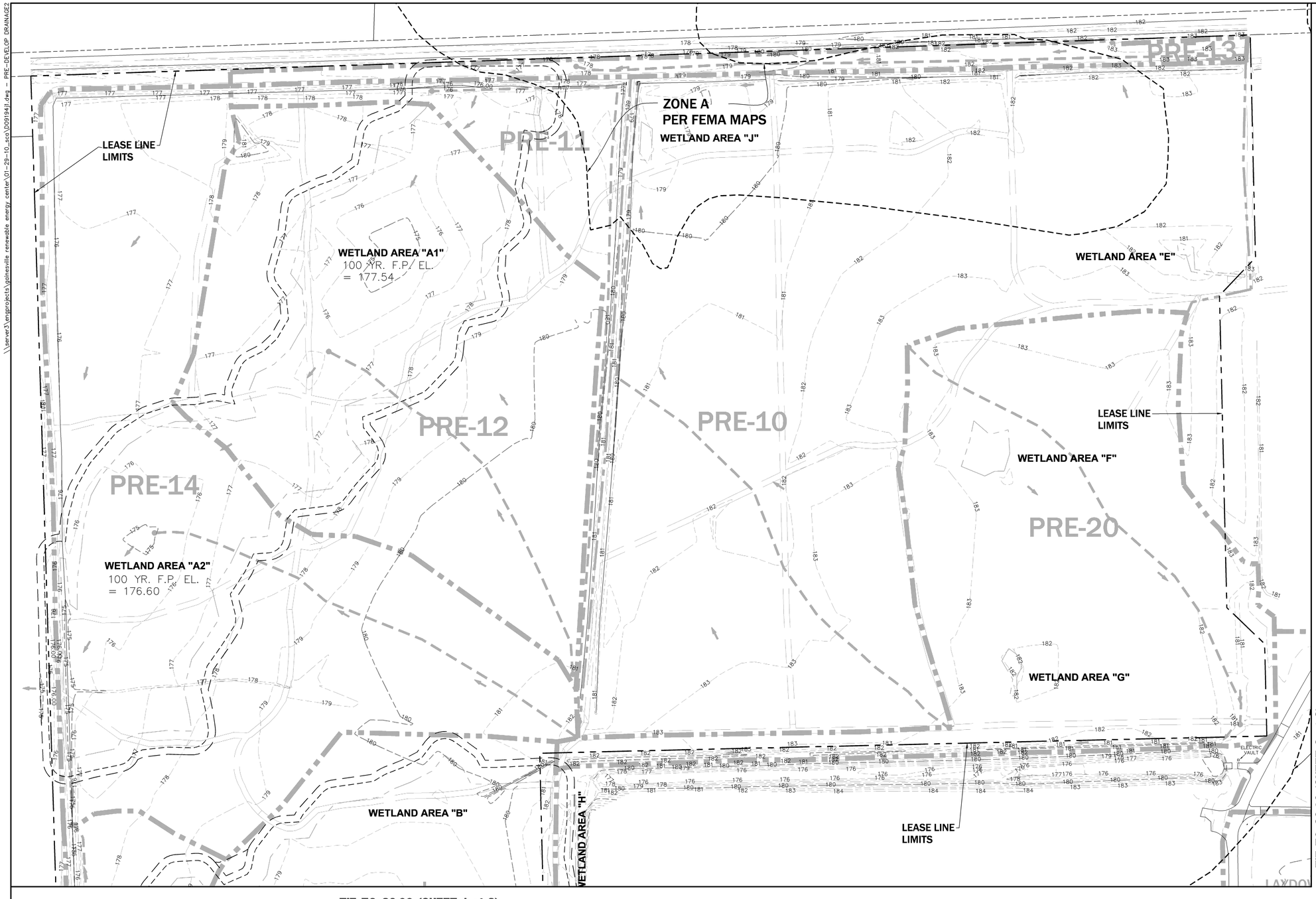
Claudia S. Vega P.E. 51532
Engineer Certificate No.

Sheet No.:

C2.00

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\vengprojects\gainesville renewable energy center\01-29-10_sca\D0919411.dwg - PRE-DEVELOP DRAINAGE2



LEGEND

- EXISTING CONTOUR ELEVATION (183)
- PRE-DEVELOPMENT DRAINAGE AREAS
- EXISTING ZONE A LIMITS PER FEMA MAPS
- TIME OF CONCENTRATION
- DRAINAGE PATTERN

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2989
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: PRE-DEVELOPMENT DRAINAGE AREAS
SHEET 2 of 3

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR | Date: NOV. 13, 2009

Project No: 09-194

Professional Engineer of Record:

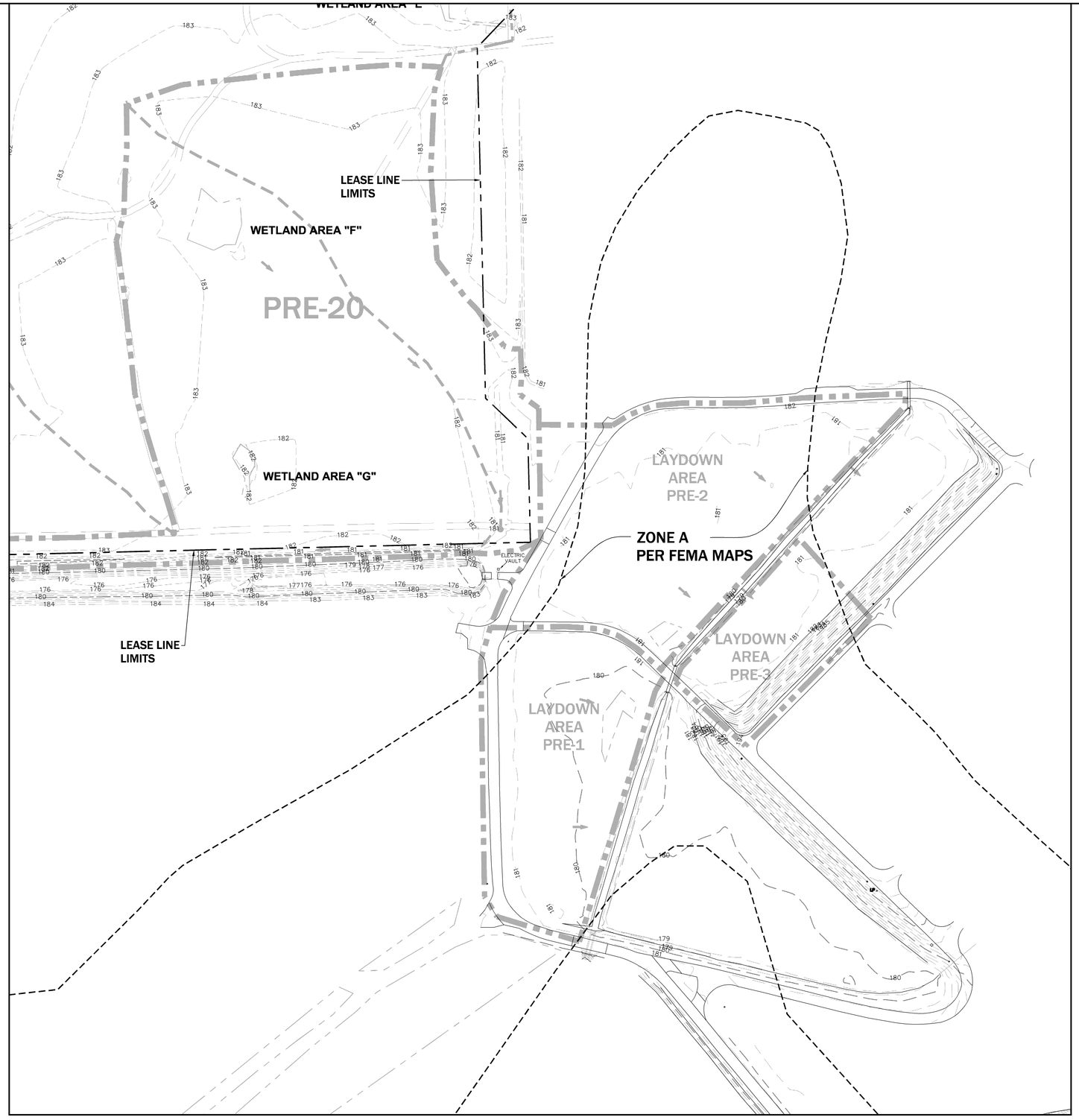
Claudia S. Vega P.E. 51532
Engineer Certificate No.

Sheet No.: C2.01

Plotted Jan 27, 2010 - 14:57:32 - Joyne Rocks

\\server3\vengprojects\gainesville renewable energy center\01-29-10_sca\D091941.dwg - PRE-DEVELOP DRAINAGE3

TIE TO C2.01 (SHEET 2 of 3)



LEGEND

- 183 — EXISTING CONTOUR ELEVATION
- PRE-DEVELOPMENT DRAINAGE AREAS
- EXISTING ZONE A LIMITS PER FEMA MAPS
- TIME OF CONCENTRATION
- DRAINAGE PATTERN

No.	Date	REVISIONS PER STATE COMMENTS	Comment
1	01/29/10		

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: PRE-DEVELOPMENT DRAINAGE AREAS
SHEET 3 of 3

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR

Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega, P.E. — Engineer

51532 — Certificate No.

Sheet No.: C2.02

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sco\D0919411.dwg - POST-DEVELOP DRAINAGE1

POST-305
POST-110
POST-108
POST-109
POST-311
POST-304
POST-310
POST-302
POST-202
POST-301
POST-306
POST-308
POST-319
POST-312
POST-300
POST-318
POST-314
POST-201

LEASE LINE LIMITS

WETLAND AREA "D"
100 YR. F.P. EL.
= 174.96

STORMWATER BASIN NO. 310
(DRY RETENTION)

ZONE A
PER FEMA MAPS

WETLAND AREA "C"
100 YR. F.P. EL.
= 174.81

LEASE LINE LIMITS

STORMWATER BASIN NO. 202
(DRY RETENTION)

STORMWATER BASIN NO. 300
(DRY RETENTION)

ZONE A
PER FEMA MAPS

WETLAND AREA "B"
100 YR. F.P. EL.
= 179.44

LEASE LINE LIMITS

WETLAND AREA "I"

WETLAND AREA "H"

TEMPORARY CRAFT PARKING

TIE TO C2.04 (SHEET 2 of 3)

LEGEND

- 183 — EXISTING CONTOUR ELEVATION
- POST–DEVELOPMENT DRAINAGE AREAS
- EXISTING ZONE A LIMITS PER FEMA MAPS
- TIME OF CONCENTRATION
- DRAINAGE PATTERN

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH
SCALE: 1" = 100'
100 50 0 100
GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS · SURVEYORS · PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 · FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title:
POST-DEVELOPMENT DRAINAGE AREAS
SHEET 1 of 3

Project phase:
STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR
Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:
Claudia S. Vega, P.E. — Engineer
51532 — Certificate No.

Sheet No.:
C2.03

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sco\009194fl.dwg — POST-DEVELOP DRAINAGE2

NW 128TH LANE

POST-104

ZONE A
PER FEMA MAPS

LEASE LINE
LIMITS

POST-103

STORMWATER
BASIN NO. 102
(WET DETENTION)

STORMWATER
BASIN NO. 101
(WET DETENTION)

STORMWATER
BASIN NO. 100
(WET DETENTION)

POST-106

WETLAND AREA "A1"
100 YR. F.P. EL.
= 177.26

POST-105

LEASE LINE
LIMITS

POST-101

POST-100

PROPOSED PLANT
(SEE ZACHRY PLANS FOR DETAILS)

WETLAND AREA "A2"
100 YR. F.P. EL.
= 176.51

POST-102

POST-202

WETLAND AREA "B"

STORMWATER
BASIN NO. 202
(DRY RETENTION)

WETLAND AREA "H"

POST-200

LEASE LINE
LIMITS

ELECTRIC VAULT

18.5' ASPHALT DRIVE

TIE TO C2.05 (SHEET 3 of 3)

TIE TO C2.03 (SHEET 1 of 3)

LEGEND

- 183 — EXISTING CONTOUR ELEVATION
- POST-DEVELOPMENT DRAINAGE AREAS
- EXISTING ZONE A LIMITS PER FEMA MAPS
- TIME OF CONCENTRATION
- DRAINAGE PATTERN

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: POST-DEVELOPMENT DRAINAGE AREAS
SHEET 2 of 3

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JJR | Date: NOV. 13, 2009

Project No: 09-194

Professional Engineer of Record:

Claudia S. Vega P.E. — Engineer
51532 — Certificate No.

Sheet No.:

C2.04

Plotted Jan 27, 2010 - 14:57:32 - Joyne Rocks

\\server3\ensprojects\gainesville renewable energy center\01-29-10_asc\0091941.dwg — POST-DEVELOP DRAINAGE3

TIE TO C2.04 (SHEET 2 of 3)

LEGEND

- 183 — EXISTING CONTOUR ELEVATION
- POST–DEVELOPMENT DRAINAGE AREAS
- EXISTING ZONE A LIMITS PER FEMA MAPS
- TIME OF CONCENTRATION
- DRAINAGE PATTERN

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS · SURVEYORS · PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title:
POST-DEVELOPMENT DRAINAGE AREAS
SHEET 3 of 3

Project phase:
STATE CERTIFICATION

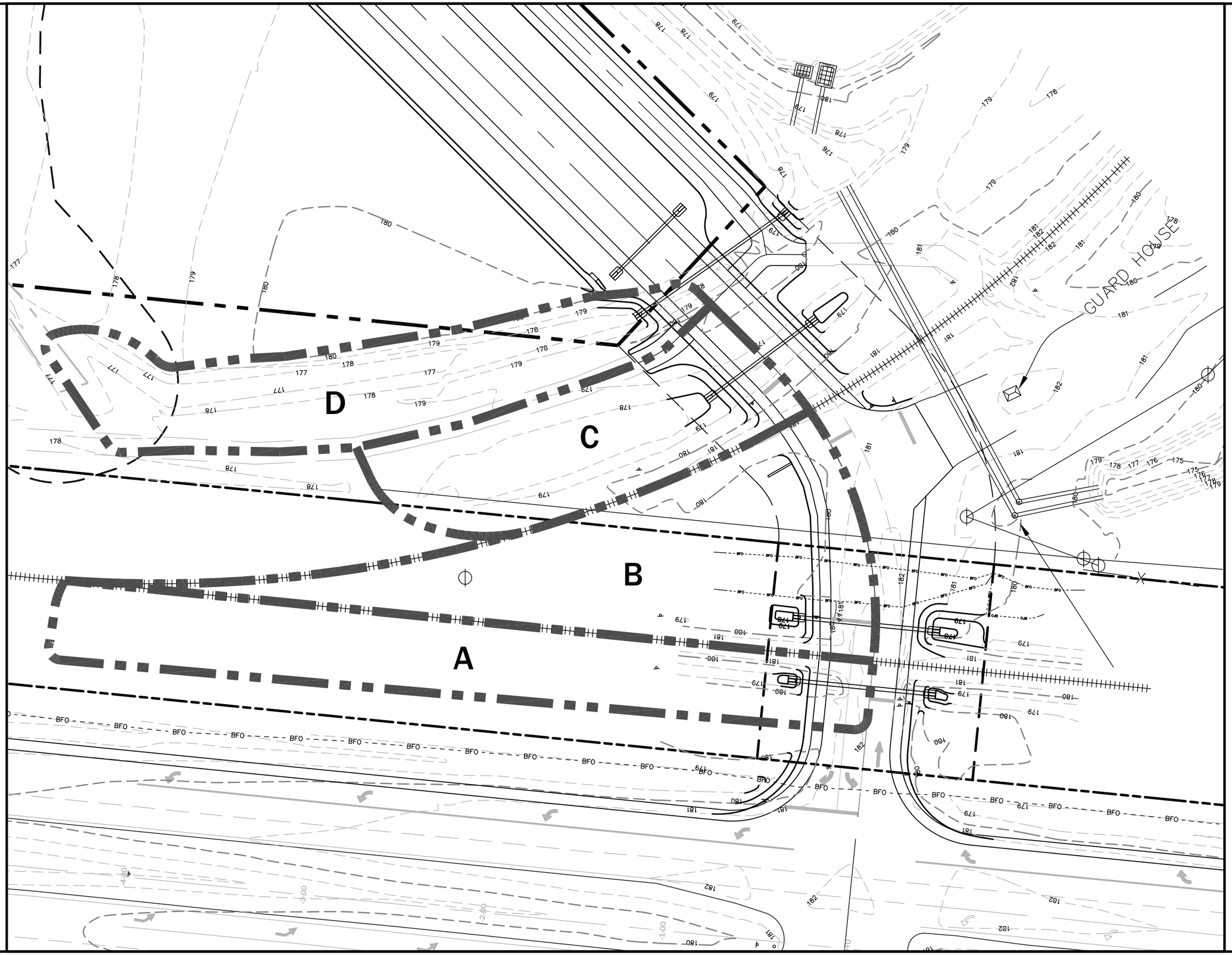
Designed: CSV/CAP
Drawn: JVR
Project No: 09-194
Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega P.E. — 51532
Engineer — Certificate No.

Sheet No.:
C2.05

Plotted Jan 27, 2010 — 14:57:32 — Jayne Rocks



ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST, GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX. (352) 373-7249
E-MAIL: eda@atlantic.net

No.	Date	Comment

GAINESVILLE RENEWABLE ENERGY CENTER
GAINESVILLE, FLORIDA

ENTRANCE DRAINAGE AREAS

Project Phase:

Professional Engineer of Record:

Claudia S. Vega P.E. — Engineer

51532 — Florida P.E. no.

Scale: 1" = 50'	Date: JAN. 29, 2010
Designed: CSV	Drawn: JVR
Project No: 09-254	Sheet No. 1 of 1

Gainesville Renewable Energy Center
An American Renewables Company

Attachment C

Drainage Calculations

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS

DRAINAGE CALCULATIONS

Pre-development Drainage Areas

Time of concentration was calculated using TR-55 and the summary is included in Attachment F

Pre-development - Area 10					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14 (B)	458,959	10.536	0.35	55.0	
Open -Soil 17 (B)	271,807	6.240	0.35	55.0	
Open -Soil 28 (C)	447,035	10.263	0.50	70.0	
Existing Impervious	78,294	1.797	0.90	98.0	
Wetlands	13,347	0.306	1.00	100.0	
Totals	**1,269,442**	**29.142**	**0.44**	**63.4**	**60**

Pre-development - Area 11					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 28 (C)	114,396	2.626	0.50	70.0	
Existing Impervious	16,326	0.375	0.90	98.0	
Wetland	18,924	0.434	1.00	100.0	
Totals	**149,646**	**3.435**	**0.61**	**76.8**	**16**

Pre-development - Area 12					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 28 (C)	409,387	9.398	0.50	70.0	
Existing Impervious	32,800	0.753	0.90	98.0	
Wetland WET-A1	273,364	6.276	1.00	100.0	
Totals	**715,551**	**16.427**	**0.71**	**82.7**	**40**

Pre-development - Area 13					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14 (B)	69,408	1.593	0.35	55.0	
Ditch	18,347	0.421	1.00	100.0	
Totals	**87,755**	**2.015**	**0.49**	**64.4**	**23**

Pre-development - Area 14					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14 (B)	257,721	5.916	0.35	55.0	
Open -Soil 28 (C)	399,528	9.172	0.50	70.0	
Existing Impervious	35,709	0.820	0.90	98.0	
Wetland WET-A2	169,627	3.894	1.00	100.0	
Totals	**862,585**	**19.802**	**0.57**	**72.6**	**49**

Pre-development - Area 15					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14 (B)	138,888	3.188	0.35	55.0	
Ditch	9,165	0.210	1.00	100.0	
Totals	**148,053**	**3.399**	**0.39**	**57.8**	**31**

Pre-development - Area 20					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14 (B)	396,218	9.096	0.35	55.0	
Open -Soil 17 (B)	210,083	4.823	0.35	55.0	
Ditch	23,949	0.550	1.00	100.0	
Totals	**630,250**	**14.469**	**0.37**	**56.7**	**55**

Pre-development - Area 21					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17 (B)	355,404	8.159	0.35	55.0	
Existing Impervious	7,068	0.162	0.90	98.0	
Wetland-WET-B	134,159	3.080	1.00	100.0	
Totals	**496,631**	**11.401**	**0.53**	**67.8**	**31**

Pre-development - Area 30					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17 (B)	286,197	6.570	0.35	55.0	
Existing Impervious	13,545	0.311	0.90	98.0	
Ditch	17,716	0.407	1.00	100.0	
Totals	**317,458**	**7.288**	**0.41**	**59.3**	**42**

Pre-development - Area 31					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17 (B)	673,735	15.467	0.35	55.0	
Existing Impervious	12,456	0.286	0.90	98.0	
Wetlands - WET-D	67,306	1.545	1.00	100.0	
Totals	**753,497**	**17.298**	**0.42**	**59.7**	**40**

Pre-development - Area 32					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17 (B)	288,497	6.623	0.35	55.0	
Existing Impervious	12,252	0.281	0.90	98.0	
Wetlands - WET-C	99,786	2.291	1.00	100.0	
Totals	**400,535**	**9.195**	**0.53**	**67.5**	**18**

Post-development Drainage Areas

Total Post-development Areas		
Description	Area (sf)	Area (Acres)
Total Impervious	1,559,607	35.804
Open Areas	3,532,742	81.101
Stormwater Systems	823,887	18.914
Totals	**5,916,236**	**135.818**

Time of concentration was calculated using TR-55 and the summary is included in Attachment E

Post-development Area 100					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14 (B)	121,938	2.799	0.35	55.0	
Proposed Impervious	351,414	8.067	0.90	98.0	
Basin 100	196,436	4.510	1.00	100.0	
Totals	**669,788**	**15.376**	**0.83**	**90.8**	**20**

Post-development - Area 101					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17(B)	48,427	1.112	0.35	55.0	
Open -Soil 28 (C)	65,032	1.493	0.50	70.0	
Proposed Impervious	419,191	9.623	0.90	98.0	
Basin 101	199,853	4.588	1.00	100.0	
Totals	**732,503**	**16.816**	**0.83**	**89.6**	**18**

Post-development - Area 102					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17 (B)	54,062	1.241	0.35	55.0	
Open -Soil 28 (C)	70,268	1.613	0.50	70.0	
Proposed Impervious	414,818	9.523	0.90	98.0	
Basin 102	230,026	5.281	1.00	100.0	
Totals	**769,174**	**17.658**	**0.85**	**93.0**	**18**

Post-development - Area 103					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 28 (C)	33,832	0.777	0.50	70.0	
Open -Soil 14 (B)	20,746	0.476	0.35	55.0	
Impervious (stabilized)	12,684	0.291	0.90	98.0	
Existing Ditch	17,315	0.397	1.00	100.0	
Totals	**84,577**	**1.942**	**0.63**	**76.7**	**23**

Post-development - Area 104					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14 (B)	69,408	1.593	0.35	55.0	
Existing Ditch	18,347	0.421	1.00	100.0	
Totals	**87,755**	**2.015**	**0.49**	**64.4**	**23**

Post-development - Area 105					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 28 (C)	204,609	4.697	0.50	70.0	
Existing Impervious	32,800	0.753	0.90	98.0	
Wetlands - WET-A1	273,364	6.276	1.00	100.0	
Totals	**510,773**	**11.726**	**0.79**	**87.9**	**36**

Post-development - Area 106					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14 (B)	128,860	2.958	0.35	55.0	
Open -Soil 28 (C)	252,107	5.788	0.50	70.0	
Existing Impervious	35,709	0.820	0.90	98.0	
Wetlands - WET-A2	169,627	3.894	1.00	100.0	
Totals	**586,303**	**13.460**	**0.64**	**77.1**	**41**

Post-development - Area 109					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14 (B)	70,152	1.610	0.35	55.0	
By-pass sump	1,170	0.027	1.00	100.0	
Totals	**71,322**	**1.637**	**0.36**	**55.7**	**32**

Post-development - Area 108					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14(B)	7,560	0.174	0.35	55.0	
Proposed Impervious	21,600	0.496	0.90	98.0	
Swale	8,640	0.198	1.00	100.0	
Totals	**37,800**	**0.868**	**0.81**	**89.9**	**10**

Pre-development - Area 110					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14 (B)	33,375	0.766	0.35	55.0	
Existing Ditch	9,165	0.210	1.00	100.0	
Totals	**42,540**	**0.977**	**0.49**	**64.7**	**28**

Post-development - Area 200					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17(B)	138,283	3.175	0.35	55.0	
Open -Soil 14 (B)	81,116	1.862	0.35	55.0	
Existing Ditch	23,949	0.550	1.00	100.0	
Totals	**243,348**	**5.587**	**0.41**	**59.4**	**10**

Post-development - Area 201					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17(B)	380,412	8.733	0.35	55.0	
Impervious	7,068	0.162	0.90	98.0	
Wetland WET-B	134,159	3.080	1.00	100.0	
Totals	**521,639**	**11.975**	**0.52**	**67.2**	**31**

Post-development - Area 202					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14(B)	35,036	0.804	0.35	55.0	
Impervious	39,045	0.896	0.90	98.0	
Basin 202	17,027	0.391	1.00	100.0	
Totals	**91,108**	**2.092**	**0.71**	**81.8**	**16**

Post-development - Area 300 - Craft Parking					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17 (B)	69,233	1.589	0.35	55.0	
Impervious	95,654	2.196	0.70	85.0	
Basin 300	37,544	0.862	1.00	100.0	
Totals	**202,431**	**4.647**	**0.64**	**77.5**	**38**

Post-development - Area 301					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17(B)	143,429	3.293	0.35	55.0	
By-pass sump	3,226	0.074	1.00	100.0	
Totals	**146,655**	**3.367**	**0.36**	**56.0**	**51**

Post-development - Area 302					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17(B)	168,437	3.867	0.35	55.0	
By-pass sump	3,125	0.072	1.00	100.0	
Totals	**171,562**	**3.939**	**0.36**	**55.8**	**45**

Post-development - Area 304					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17(B)	3,920	0.090	0.35	55.0	
Impervious	11,200	0.257	0.70	85.0	
Swale	4,480	0.103	1.00	100.0	
Totals	**19,600**	**0.450**	**0.70**	**82.4**	**10**

Post-development - Area 305					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14(B)	75,364	1.730	0.35	55.0	
Existing Impervious	2,400	0.055	0.70	85.0	
Existing Ditch	9,215	0.212	1.00	100.0	
Totals	**86,979**	**1.997**	**0.43**	**60.6**	**29**

Post-development - Area 306					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17(B)	3,920	0.090	0.35	55.0	
Impervious	11,200	0.257	0.70	85.0	
Swale	4,480	0.103	1.00	100.0	
Totals	**19,600**	**0.450**	**0.70**	**82.4**	**10**

Post-development - Area 308					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14(B)	7,280	0.167	0.35	55.0	
Impervious	20,800	0.478	0.70	85.0	
Swale	8,320	0.191	1.00	100.0	
Totals	**36,400**	**0.836**	**0.70**	**82.4**	**10**

Post-development - Area 310 - Switch Yard					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14 (B)	9,646	0.221	0.35	55.0	
Stabilized area	31,500	0.723	0.70	85.0	
Basin 310	16,849	0.387	1.00	100.0	
Totals	**57,995**	**1.331**	**0.73**	**84.4**	**14**

Post-development - Area 311					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17(B)	232,030	5.327	0.35	55.0	
Existing Impervious	12,456	0.286	0.70	85.0	
Wetland D	67,306	1.545	1.00	100.0	
Totals	**311,792**	**7.158**	**0.50**	**65.9**	**40**

Post-development - Area 312					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 17(B)	4,200	0.096	0.35	55.0	
Impervious	12,000	0.275	0.90	98.0	
Swale	4,800	0.110	1.00	100.0	
Totals	**21,000**	**0.482**	**0.81**	**89.9**	**10**

Post-development - Area 314					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14(B)	6,720	0.154	0.35	55.0	
Impervious	19,200	0.441	0.90	98.0	
Swale	7,680	0.176	1.00	100.0	
Totals	**33,600**	**0.771**	**0.81**	**89.9**	**10**

Post-development - Area 318					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14(B)	1,960	0.045	0.35	55.0	
Impervious	5,600	0.129	0.90	98.0	
Swale	2,240	0.051	1.00	100.0	
Totals	**9,800**	**0.225**	**0.81**	**89.9**	**10**

Post-development - Area 319					
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN	Tc (min)
Open -Soil 14(B)	247,138	5.674	0.35	55.0	
Impervious	3,268	0.075	0.90	98.0	
Wetland C	99,786	2.291	1.00	100.0	
Totals	**350,192**	**8.039**	**0.54**	**68.2**	**42**

Post-development - Laydown area 1				
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN
Open -Soil 14(B)	65,271	1.498	0.35	55.0
Open -Soil 16(D)	63,786	1.464	0.50	70.0
Existing roadway	9,000	0.207	1.00	100.0
Totals	**138,057**	**3.169**	**0.46**	**64.9**

Post-development - Laydown area 2				
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN
Open -Soil 14(B)	177,844	4.083	0.35	55.0
Open -Soil 16(D)	24,809	0.570	0.50	70.0
Existing roadway	6,600	0.152	1.00	100.0
Totals	**209,253**	**4.804**	**0.39**	**58.2**

Post-development - Laydown area 3				
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN
Open -Soil 14(B)	4,922	0.113	0.35	55.0
Open -Soil 16(D)	58,538	1.344	0.50	70.0
Existing roadway	4,200	0.096	1.00	100.0
Totals	**67,660**	**1.553**	**0.52**	**70.8**

Drainage Areas at Main Entrance				
Description	Area (sf)	Area (Acres)	Runoff (C)	Curve CN
Existing Impervious	4,922	0.113	0.35	55.0
Proposed Impervious	58,538	1.344	0.50	70.0
Existing roadway	4,200	0.096	1.00	100.0
Totals	**67,660**	**1.553**	**0.52**	**70.8**

Discharge Data

Description	Exist. Pipe & weir 10	Existing weir 13	Existing weir 12	Existing weir 14	Existing Ditch 20
Pipe (in)	15				24
Pipe Elevation (msl)	176.32				179.58
Pipe Downstream El (msl)	176.22				179.07
Pipe length (ft)	35.00				31.00
Weir length (ft)	84.00	324.00	30.00	315.00	29.00
Weir elevation (msl)	178.34	177.52	176.65	176.25	182.00
Weir rise (ft)	0.66	0.50	0.50	0.50	0.28

Description	Existing weir Wet-B	Existing Ditch 30	Existing Weir 31	Existing Weir 32
Pipe (in)		12	12	12
Pipe Upstream El (msl)		174.60	173.12	173.19
Pipe Downstream El (msl)		174.60	173.11	172.75
Pipe length (ft)		29.00	42.00	25.00
Weir length (ft)	115.00	160.00	99.00	93.00
Weir elevation (msl)	179.26	177.41	174.70	175.00
Weir rise (ft)	0.40	0.59	0.30	0.40

Description	Prop. Weir & orifice 100	Prop. Weir & orifice 101	Prop. Weir & orifice 102	Existing weir 104	Existing weir 105
Orifice (in)	3.50	3.50	3.67		
number of orifices	3	3	3		
Orifice Elevation (msl)	180.75	180.25	178.00		
Weir length (ft)	1.17	2.50	3.00	324.00	30.00
Weir elevation (msl)	182.25	181.58	179.58	177.52	176.65
Weir rise (ft)	1.00	1.17	1.17	0.50	0.50

Description	Existing weir 106	Proposed weir 108	Existing weir 200	Existing weir WET-B	Proposed weir 202
Pipe (in)			24		
Pipe Elevation (msl)			179.58		
Pipe Downstream El (msl)			179.07		
Pipe length (ft)			31.00		
Weir length (ft)	315.00	5.00	29.00	115.00	1.50
Weir elevation (msl)	176.25	178.62	182.00	179.23	181.50
Weir rise (ft)	0.50	1.00	0.25	0.40	0.50

Description	Proposed Weir 300	Proposed Weir 306	Proposed Weir 304	Existing Ditch 305	Proposed Weir 308
Pipe (in)				12	
Pipe Upstream El (msl)				174.60	
Pipe Downstream El (msl)				174.60	
Pipe length (ft)				29.00	
Weir length (ft)	2.50	5.00	5.00	149.00	5.00
Weir elevation (msl)	181.95	179.46	179.40	177.41	179.36
Weir rise (ft)	0.75	1.00	1.00	0.59	1.00

Description	Proposed Weir 310	Existing Weir 311	Proposed Weir 312	Proposed Weir 314	Existing Weir 319
Pipe (in)		12			12
Pipe Upstream El (msl)		173.12			173.19
Pipe Downstream El (msl)		173.11			172.75
Pipe length (ft)		42.00			25.00
Weir length (ft)	1.00	99.00	5.00	5.00	93.00
Weir elevation (msl)	177.60	174.70	180.21	179.62	175.00
Weir rise (ft)	0.40	0.30	1.00	1.00	0.40

Description	Proposed Pipe 109	Proposed Pipe 302	Proposed Pipe 301	Proposed Weir 318
Pipe (in)	18	18	18	
Pipe Upstream El (msl)	177.85	178.25	178.53	
Pipe Downstream El (msl)	177.37	177.75	178.00	
Pipe length (ft)	92.00	92.00	92.00	
Weir length (ft)				5.00
Weir elevation (msl)				180.32
Weir rise (ft)				1.00

Description	Laydown Area1	Laydown Area 2	Laydown Area 2
Pipe (in)			
Pipe Upstream El (msl)			
Pipe Downstream El (msl)			
Pipe length (ft)			
Weir length (ft)	5.00	5.00	5.00
Weir elevation (msl)	180.75	181.25	181.35
Weir rise (ft)	0.25	0.25	0.20

Basin Storage Data

Existing Ditch 10			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
176.32	50	0.00	0.00
177.00	150	0.00	0.00
178.00	5,555	0.13	0.07
179.00	30,422	0.70	0.48

Existing Ditch 13			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
177.00	1,517	0.035	-
177.52	9,467	0.217	0.066
178.00	16,809	0.386	0.210

Existing Ditch 15			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
175.00	545	0.013	-
176.00	4,565	0.105	0.059
177.00	9,165	0.210	0.216

Existing Wetland WET-A1 (Area 12)			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
175.00	11,441	0.263	-
176.00	53,230	1.222	0.742
176.75	131,215	3.012	2.330
177.00	216,777	4.977	3.329
177.40	277,056	6.360	5.596

Existing Wetland WET-A2 (Area 14)			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
175.00	7,383	0.169	-
176.00	101,600	2.332	1.251
176.75	252,765	5.803	4.302

Existing Wetland WET-B			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
178.00	35,955	0.825	-
179.00	134,159	3.080	1.953
179.63	217,196	4.986	4.493

Existing Ditch 20			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
180.00	4,532	0.104	-
181.00	13,450	0.309	0.206
182.00	23,949	0.550	0.636
182.25	25,855	0.594	0.779

Existing Ditch 30			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
175.00	584	0.013	-
176.00	4,632	0.106	0.060
177.00	9,215	0.212	0.219
177.41	11,415	0.262	0.316

Existing Wetland WET-C			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
173.50	32,118	0.737	-
174.00	49,810	1.143	0.470
175.00	99,786	2.291	2.187

Existing Wetland WET-D			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
173.00	5,758	0.132	-
174.00	23,537	0.540	0.336
175.00	67,306	1.545	1.379

Volume V1 is the volume available for the permanent pool and Volume V2 is the storage volume available to route the storm.

Proposed Wet Detention Basin 100				
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft	Vol. V2 Ac-ft
178.60	165,224	3.793	-	
179.00	167,852	3.853	1.529	
179.50	171,137	3.929	3.475	
179.75	172,780	3.966	4.462	
180.00	174,422	4.004	5.458	
180.50	177,707	4.080	7.479	
180.75	179,350	4.117	8.504	0.000
181.00	181,059	4.157	9.538	1.034
181.37	183,555	4.214	11.067	2.563
182.00	187,893	4.313	13.773	5.269
182.50	191,310	4.392	15.949	7.446
183.00	194,727	4.470	18.165	9.661
183.25	196,436	4.510	19.287	10.784

Proposed Wet Detention Basin 101				
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft	Vol. V2 Ac-ft
178.10	167,650	3.849	-	
178.20	168,280	3.863	0.386	
178.50	170,172	3.907	1.551	
179.00	173,324	3.979	3.522	
179.50	176,477	4.051	5.530	
180.00	179,629	4.124	7.574	
180.25	181,205	4.160	8.609	0.000
180.50	183,070	4.203	9.655	1.045
180.91	186,164	4.274	11.413	2.803
181.00	186,799	4.288	11.777	3.168
181.25	188,664	4.331	12.855	4.246
181.50	190,529	4.374	13.943	5.334
182.00	194,259	4.460	16.151	7.542
182.75	199,853	4.588	19.544	10.935

Proposed Wet Detention Basin 102				
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft	Vol. V2 Ac-ft
175.85	182,502	4.190	-	
176.00	184,366	4.232	0.632	
177.00	196,793	4.518	5.007	
177.75	206,113	4.732	8.475	
178.00	209,220	4.803	9.667	0.000
178.61	213,428	4.900	12.610	2.943
179.00	216,155	4.962	14.550	4.883
179.50	219,623	5.042	17.051	7.384
179.75	221,357	5.082	18.316	8.649
180.00	223,091	5.121	19.592	9.924
180.25	224,825	5.161	20.877	11.210
181.00	230,026	5.281	24.793	15.126

Existing Ditch 103			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
176.32	50	0.001	-
177.00	150	0.003	0.002
178.00	5,555	0.128	0.067
179.00	30,422	0.698	0.480

Existing Ditch 104			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
177.00	1,517	0.035	-
177.52	9,467	0.217	0.066
178.00	16,809	0.386	0.210

Existing Wetland WET-A1 (Area 105)			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
175.00	11,441	0.263	-
176.00	53,230	1.222	0.742
176.75	131,215	3.012	2.330
177.00	216,777	4.977	3.329
177.40	277,056	6.360	5.596

Existing Wetland WET-A2 (Area 106)			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
175.00	7,383	0.169	-
176.00	101,600	2.332	1.251
176.75	252,765	5.803	4.302

Proposed By-pass sump (Area 109)			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
177.85	661	0.015	-
177.92	916	0.021	0.001
178.00	1,170	0.027	0.003

Proposed Road Swale 108			
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft
177.56	1,080	0.025	-
178.00	4,406	0.101	0.028
178.56	8,640	0.198	0.112
179.00	11,966	0.275	0.216
179.56	16,200	0.372	0.397

Existing Ditch 200			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
180.00	4,532	0.104	-
181.00	13,450	0.309	0.206
182.00	23,949	0.550	0.636
182.25	25,855	0.594	0.779

Existing Wetland WET-B (Area 201)			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
178.00	35,955	0.825	-
179.00	134,159	3.080	1.953
179.63	217,196	4.986	4.493

Proposed Dry Retention Basin 202			
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft
180.00	12,351	0.284	-
180.50	13,520	0.310	0.148
181.00	14,689	0.337	0.310
181.50	15,858	0.364	0.486
182.00	17,027	0.391	0.674

Proposed Dry Retention Basin 300 Craft Parking			
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft
180.50	30,080	0.691	-
181.00	31,946	0.733	0.356
181.50	33,812	0.776	0.733
182.00	35,678	0.819	1.132
182.50	37,544	0.862	1.552

Proposed By-pass sump (Area 301)			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
178.53	986	0.023	-
178.77	2,106	0.048	0.009
179.00	3,226	0.074	0.023
179.40	5,345	0.123	0.062

Proposed By-pass sump (Area 302)			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
178.25	902	0.021	-
178.63	2,014	0.046	0.013
179.00	3,125	0.072	0.035
179.30	4,389	0.101	0.061

Proposed Road Swale 304			
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft
178.40	560	0.013	-
179.00	2,912	0.067	0.024
179.40	4,480	0.103	0.058
180.00	6,832	0.157	0.136
180.40	8,400	0.193	0.206

Existing Ditch 305			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
175.00	584	0.013	-
176.00	4,632	0.106	0.060
177.00	9,215	0.212	0.219
177.41	11,415	0.262	0.316

Proposed Road Swale 306			
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft
178.46	560	0.013	-
179.00	2,677	0.061	0.020
179.46	4,480	0.103	0.058
180.00	6,597	0.151	0.127
180.46	8,400	0.193	0.206

Proposed Road Swale 308			
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft
178.36	1,040	0.024	-
179.00	5,699	0.131	0.050
179.36	8,320	0.191	0.107
180.00	12,979	0.298	0.264
180.36	15,600	0.358	0.382

Proposed Dry Retention Basin 310- Switch Yard			
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft
176.50	13,174	0.302	-
176.75	13,787	0.316	0.077
177.00	14,399	0.331	0.158
177.50	15,624	0.359	0.331
178.00	16,849	0.387	0.517

Existing Wetland WET-D (Area 311)			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
173.00	5,758	0.132	-
174.00	23,537	0.540	0.336
175.00	67,306	1.545	1.379

Proposed Road Swale 312			
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft
179.16	600	0.014	-
180.00	4,128	0.095	0.046
180.16	4,800	0.110	0.062
181.00	8,328	0.191	0.189
181.16	9,000	0.207	0.220

Proposed Road Swale 314			
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft
178.55	960	0.022	-
179.00	3,984	0.091	0.026
179.55	7,680	0.176	0.099
180.00	10,704	0.246	0.194
180.55	14,400	0.331	0.353

Proposed Road Swale 318			
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft
179.26	280	0.006	-
180.00	1,730	0.040	0.017
180.26	2,240	0.051	0.029
181.00	3,690	0.085	0.079
181.26	4,200	0.096	0.103

Existing Wetland WET-C (Area 319)			
Stage (msl)	Area sf	Area Ac	Vol. V2 Ac-ft
173.50	32,118	0.737	-
174.00	49,810	1.143	0.470
175.00	99,786	2.291	2.187
175.45	120,528	2.767	3.325

Proposed Basin Laydown Area 1			
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft
179.50	6,132	0.141	-
179.75	7,239	0.166	0.038
180.00	8,346	0.192	0.083
180.50	10,561	0.242	0.192
181.00	12,775	0.293	0.326

Proposed Basin Laydown Area 2			
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft
180.00	8,960	0.206	-
180.75	11,760	0.270	0.178
181.00	12,693	0.291	0.249
181.25	13,627	0.313	0.324
181.50	14,560	0.334	0.405

Proposed Basin Laydown Area 3			
Stage (msl)	Area sf	Area Ac	Vol. V1 Ac-ft
180.00	4,160	0.096	-
180.75	4,680	0.107	0.076
181.00	4,853	0.111	0.103
181.25	5,027	0.115	0.132
181.50	5,200	0.119	0.161

Soil Borings Information

Description	Basin 100	Basin 101	Basin 102	Basin 202
Soil Borings	38 - 43	34 -37	28 - 33	10,11
Average ground elevation	182.25	181.25	179.00	179.00
High season Water table (ft)	1.5	1	1	1
High season Water elevation	180.75	180.25	178.00	178.00
Depth to confined layer	11	9	10	7
Confined layer Elev.	171.25	172.25	169.00	172.00
Fillable Porosity (%)	25	25	25	25
Vertical Infiltration (ft/d)	15	15	11	11
Horizontal hyd. Con (ft/d)	20	20	15	15
Safety factor	2	2	2	2
Vertical Infiltration (ft/d)	7.5	7.5	5.5	5.5
Horizontal hyd. Con (ft/d)	10	10	7.5	7.5

Description	Basin 300	Basin310	Swale 108	Swale 304
Soil Borings	6, 44, 45	1,2, 3, 4	9,10	8
Average ground elevation	179.75	176.00	178.30	179.00
High season Water table (ft)	1	1	1.5	2
High season Water elevation	178.75	175.00	176.80	177.00
Depth to confined layer	8	2.5	10	9
Confined layer Elev.	171.75	173.50	168.30	170.00
Fillable Porosity (%)	25	25	25	25
Vertical Infiltration (ft/d)	13	11	11	11
Horizontal hyd. Con (ft/d)	17	22	15	15
Safety factor	2	2	2	2
Vertical Infiltration (ft/d)	6.5	5.5	5.5	5.5
Horizontal hyd. Con (ft/d)	8.5	11	7.5	7.5

Description	Swale 306	Swale 308	Swale 312	Swale 314
Soil Borings	7	5,6	4	2,3
Average ground elevation	179.25	179.00	179.50	178.75
High season Water table (ft)	1.5	1	1	1
High season Water elevation	177.75	178.00	178.50	177.75
Depth to confined layer	9	8	10	2.75
Confined layer Elev.	170.25	171.00	169.50	176.00
Fillable Porosity (%)	25	25	25	25
Vertical Infiltration (ft/d)	11	11	11	11
Horizontal hyd. Con (ft/d)	15	15	15	15
Safety factor	2	2	2	2
Vertical Infiltration (ft/d)	5.5	5.5	5.5	5.5
Horizontal hyd. Con (ft/d)	7.5	7.5	7.5	7.5

Description	Swale 318	Lay-down 1	Lay-down 2	Lay-down 3
Soil Borings	1,2			
Average ground elevation	179.50	179.50	180.00	180.00
High season Water table (ft)	1	1	1	1
High season Water elevation	178.50	178.50	179.00	179.00
Depth to confined layer	2.25	8	8	8
Confined layer Elev.	177.25	171.50	172.00	172.00
Fillable Porosity (%)	25	25	25	25
Vertical Infiltration (ft/d)	11	11	11	11
Horizontal hyd. Con (ft/d)	15	15	15	15
Safety factor	2	2	2	2
Vertical Infiltration (ft/d)	5.5	5.5	5.5	5.5
Horizontal hyd. Con (ft/d)	7.5	7.5	7.5	7.5

Basin Geometry

Description	Basin 100	Basin 101	Basin 102	Basin 202
Basin side slope ratio	4:1	4:1	4:1	4:1
Fence Required	no	no	no	no
Max. Unsaturated Area (sf)	N/A	N/A	N/A	14,689
Equivalent pond length (ft)	N/A	N/A	N/A	267
Equivalent pond width (ft)	N/A	N/A	N/A	55
Width of Maint. Path	5	5	5	5

Description	Basin 300	Basin310	Swale 108	Swale 304
Basin side slope ratio	4:1	4:1	4:1	4:1
Fence Required	no	no	no	no
Max. Unsaturated Area (sf)	33,812	15,012	8640	4480
Equivalent pond length (ft)	520	275	540	280
Equivalent pond width (ft)	65	55	16	16
Width of Maint. Path	5	5	N/A	N/A

Description	Swale 306	Swale 308	Swale 312	Swale 314	Swale 318
Basin side slope ratio	4:1	4:1	4:1	4:1	4:1
Fence Required	no	no	no	no	no
Max. Unsaturated Area (sf)	4,480	8,320	4800	7680	2240
Equivalent pond length (ft)	280	520	300	480	140
Equivalent pond width (ft)	16	16	16	16	16
Width of Maint. Path	N/A	N/A	N/A	N/A	N/A

Water Quality

Wet Detention Basins: Volume V1 = 2.00 inches over the total area, or
Volume V2 = 2.50 inches over the impervious area

Basin	V1 (Ac-ft)	V2 (Ac-ft)	Treatm. Vol. (ac-ft)	Stage (ft)	Treatm. Vol. (cf)	Recovery Time (hrs)
Basin 100	2.563	1.681	2.563	181.37	111,631	45.2
Basin 101	2.803	2.005	2.803	180.91	122,084	38.8
Basin 102	2.943	1.984	2.943	178.61	128,196	26.0

Dry Retention Basins: Volume V1 = 2.00 inches over the total area, or
Volume V2 = 2.50 inches over the impervious area

Basin	V1 (Ac-ft)	V2 (Ac-ft)	Treatm. Vol. (ac-ft)	Stage (ft)	Treatm. Vol. (cf)	Recovery Time (hrs)
Basin 202	0.349	0.187	0.349	181.11	15,185	40.0
Basin 300	0.775	0.457	0.775	181.55	33,739	70.0
Basin 310	0.222	0.151	0.222	177.19	9,666	36.0

Swales

Intensity for 3yr- 1 hr storm - I (inches) 2.6

Peak flow for water quality - Qp = Cpost * I * A

Volume of Runoff - Vr = Qp * Duration of storm

Swale	Drainage Area (sf)	Drainage Area (ac)	Peak Flow Qp (cfs)	Volume runoff Vr (cf)	Treatm. Vol. (cf)
Swale 108	37,800	0.868	1.834	6,602	5,282
Swale 304	19,600	0.450	0.817	2,942	2354
Swale 306	19,600	0.450	0.817	2,942	2354
Swale 308	36,400	0.836	1.518	5,464	4371
Swale 312	21,000	0.482	1.019	3,668	2934
Swale 314	33,600	0.771	1.630	5,869	4695
Swale 318	9,800	0.225	0.475	1,712	1369
Laydown 1	138,057	3.169	3.804	13,696	10957
Laydown 2	209,253	4.804	4.850	17,459	13967
Laydown 3	67,660	1.553	2.101	7,562	6049

Swale	Weir Elevation	Treatment Stage	Recovery Time (hrs)
Swale 108	178.62	178.61	12.0
Swale 304	179.40	179.36	7.0
Swale 306	179.46	179.42	7.0
Swale 308	179.36	179.32	45.0
Swale 312	180.21	180.21	12.0
Swale 314	179.62	179.60	30.0
Swale 318	180.32	180.31	35.0
Laydown 1	180.75	180.59	40.0
Laydown 2	181.25	181.24	63.0
Laydown 3	181.35	181.31	61.0

Wet Detention Basins

Orifice Design

Description	Basin1	Basin 2	Basin 3
Orifice Elevation (msl)	180.75	180.25	178.00
Treatment volume (Ac-ft)	2.56	2.80	2.94
Stage of treatment volume (msl)	181.37	180.91	178.61
One-half of treat. volume (Ac-ft)	1.28	1.40	1.47
Stage half of volume (msl)	181.06	180.58	178.30
Number of orifices	3	3	3
Diameter of the orifice (in)	3.50	3.50	3.67
Flow line elevation (msl)	180.90	180.40	178.15
h1 (ft)	0.47	0.52	0.45
h2 (ft)	0.16	0.19	0.15
Average depth (ft)	0.32	0.35	0.30
Area of the orifice (sf)	0.07	0.07	0.07
Orifice Coefficient	0.60	0.60	0.60
Flow rate (cfs)	0.54	0.57	0.58
Recovery time (hours)	28.60	29.58	30.53

Permanent Pool Volume

Description	Basin1	Basin 2	Basin 3
Total drainage area -DA (acres)	15.376	16.816	17.658
Runoff Coefficient - C	0.83	0.83	0.85
Wet season Rainfall depth - R (in)	30.00	30.00	30.00
Residence time - RT (days)	21.00	21.00	21.00
Length of wet season -WS (days)	153.00	153.00	153.00
Volume of permanent pool (Ac-ft)	4.37	4.80	5.18
Proposed volume of pool (ac-ft)	8.50	8.61	9.67
	OK	OK	OK

Mean depth of Basin

Description	Basin1	Basin 2	Basin 3
Volume of permanent pool (Ac-ft)	8.504	8.609	9.667
Pond area at orifice elevation (Ac)	4.117	4.160	4.803
Mean depth of pond (ft)	2.07	2.07	2.01
Mean depth between 2 ft to 8 ft	OK	OK	OK

Routing Results

Discharge Results						
Storm Event	Pre-devel WET-A2 (cfs)	Post-dev WET-A2 (cfs)	Pre-devel WET-C (cfs)	Post-dev WET-C (cfs)	Pre-devel WET-D (cfs)	Post-dev WET-D (cfs)
100yr-1hr	28.56	9.61	3.57	3.46	8.10	3.59
100yr-2hr	42.80	18.25	4.22	3.80	13.20	6.76
100yr-4hr	69.36	34.21	5.10	3.77	21.35	15.05
100yr-8hr	80.46	40.87	5.31	5.06	22.39	16.14
100yr-24hr	61.88	33.76	4.82	4.72	14.27	11.15
100yr-3d	58.41	41.90	4.49	4.36	13.89	13.67
100yr-7d	43.90	35.50	3.37	3.26	10.34	10.30
100yr-10d	57.35	43.84	3.98	3.86	13.45	13.48

Stage Results				
Storm Event	Pre-devel Wet-A1	Post-dev Wet A1	Pre-devel Wet-A2	Post-dev Wet A2
100yr-1hr	177.22	176.95	176.46	176.37
100yr-2hr	177.33	177.04	176.51	176.42
100yr-4hr	177.50	177.15	176.57	176.48
100yr-8hr	177.54	177.18	176.60	176.50
100yr-24hr	177.38	177.18	176.56	176.48
100yr-3d	177.34	177.22	176.55	176.50
100yr-7d	177.25	177.21	176.51	176.48
100yr-10d	177.34	177.26	176.55	176.51

Stage Results						
Storm Event	Existing Ditch 10	Existing Ditch 13	Proposed Ditch 104	Proposed Basin 100	Proposed Basin 101	Proposed Basin 102
100yr-1hr	178.63	177.58	177.58	181.74	181.30	179.08
100yr-2hr	178.65	177.58	177.58	181.94	181.51	179.27
100yr-4hr	178.71	177.59	177.59	182.28	181.86	179.68
100yr-8hr	178.73	177.59	177.59	182.58	182.11	180.03
100yr-24hr	178.56	177.56	177.56	182.87	182.31	180.67
100yr-3d	178.59	177.56	177.56	183.23	182.62	180.81
100yr-7d	178.53	177.56	177.56	183.17	182.56	180.73
100yr-10d	178.58	177.56	177.56	183.10	182.61	180.83

Stage Results					
Storm Event	Existing Ditch 20	Proposed Ditch 200	Basin 202	Existing WET-B	Proposed WET-B
100yr-1hr	180.82	180.51	181.02	179.11	178.92
100yr-2hr	180.93	180.69	181.19	179.31	179.14
100yr-4hr	181.29	180.88	181.58	179.46	179.38
100yr-8hr	181.36	180.97	181.72	179.49	179.42
100yr-24hr	180.77	180.38	181.84	179.49	179.42
100yr-3d	181.00	180.42	181.91	179.49	179.44
100yr-7d	180.79	180.29	181.83	179.46	179.41
100yr-10d	180.99	180.41	181.90	179.49	179.43

Stage Results					
Storm Event	Existing Ditch 30	Proposed Basin 300	Proposed Ditch304	Proposed Ditch 306	Proposed Ditch 305
100yr-1hr	176.45	181.08	179.49	179.55	176.08
100yr-2hr	176.53	181.32	179.47	179.54	176.09
100yr-4hr	177.09	181.80	179.52	179.58	176.44
100yr-8hr	177.21	182.14	179.53	179.57	176.47
100yr-24hr	176.42	182.32	179.45	179.53	176.02
100yr-3d	176.41	182.43	179.46	179.53	176.07
100yr-7d	176.08	182.35	179.45	179.51	175.84
100yr-10d	176.38	182.43	179.46	179.52	176.04

Stage Results				
Storm Event	Proposed Ditch 308	Proposed Basin 310	Existing WET-D	Proposed WET-D
100yr-1hr	179.47	177.15	174.82	174.67
100yr-2hr	179.45	177.19	174.88	174.80
100yr-4hr	179.53	177.53	174.95	174.90
100yr-8hr	179.54	177.68	174.96	174.91
100yr-24hr	179.62	177.90	174.89	174.86
100yr-3d	179.69	177.89	174.89	174.89
100yr-7d	179.64	177.82	174.85	174.85
100yr-10d	179.70	177.89	174.89	174.89

Stage Results				
Storm Event	Proposed Ditch 312	Proposed Ditch 314	Existing WET-C	Proposed WET-C
100yr-1hr	180.36	179.79	174.22	174.19
100yr-2hr	180.34	179.77	174.39	174.28
100yr-4hr	180.34	179.80	174.66	174.55
100yr-8hr	180.36	179.82	174.73	174.64
100yr-24hr	180.30	179.75	174.57	174.53
100yr-3d	180.28	179.72	174.47	174.43
100yr-7d	180.27	179.70	174.58	174.54
100yr-10d	180.28	179.71	174.87	174.81

Entrance Roadway Areas

Entrance Roadway Impervious		
Description	Area (sf)	Area (Acres)
Existing Impervious	11,162	0.256
Proposed Impervious	15,529	0.356
Additional Impervious	**4,367**	**0.100**

Gainesville Renewable Energy Center
An American Renewables Company

Attachment D

CD – Routing Data

ICPR3.1 and Ponds 3.2

Copies of the ICPR3.1 and Ponds3.2 Model input and output files are provided only in electronic format in the compact disc.

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS

Name:	Area10	Area100	Area101	Area102	Area103
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-10d	100yr-10d	100yr-10d	100yr-10d	100yr-10d
Node:	Ditch 10	Basin100	Basin101	Basin102	POST-WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Comp Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Rain File:	Fdot-240	Fdot-240	Fdot-240	Fdot-240	Fdot-240
Rain Amount(in):	18.000	18.000	18.000	18.000	18.000
Duration(hrs):	240.00	240.00	240.00	240.00	240.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	60.00	20.00	18.00	18.00	23.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	29.142	15.376	16.816	17.658	1.942
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	63.400	90.800	89.600	93.000	76.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	184.00	184.00	184.00	184.00	184.00
Flow Max(cfs):	16.418	9.570	10.452	11.012	1.174
Runoff Volume(in):	12.551	16.846	16.685	17.134	14.812
Runoff Volume(ft3):	1327736.134	940246.987	1018508.147	1098293.200	104413.198

Name:	Area104	Area105	Area106	Area108	Area109
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-10d	100yr-10d	100yr-10d	100yr-10d	100yr-10d
Node:	Ditch 104	POST-WET-A1	POST-WET-A2	Node108	Node109
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.07	4.80	5.47	1.33	4.27
Comp Time Inc(min):	3.07	4.80	5.47	1.33	4.27
Rain File:	Fdot-240	Fdot-240	Fdot-240	Fdot-240	Fdot-240
Rain Amount(in):	18.000	18.000	18.000	18.000	18.000
Duration(hrs):	240.00	240.00	240.00	240.00	240.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	23.00	36.00	41.00	10.00	32.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	2.015	11.726	13.460	0.868	1.637
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.400	87.900	77.100	89.900	55.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	184.00	184.00	183.95	184.00	183.96
Flow Max(cfs):	1.149	7.271	8.137	0.540	0.869
Runoff Volume(in):	12.734	16.454	14.875	16.726	11.057
Runoff Volume(ft3):	93139.625	700381.559	726769.257	52699.896	65704.306

Name:	Area11	Area110	Area12	Area13	Area14
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-10d	100yr-10d	100yr-10d	100yr-10d	100yr-10d
Node:	WET-A1	POST-WET-A2	WET-A1	Ditch 13	WET-A2
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	2.13	3.73	5.33	3.07	6.53
Comp Time Inc(min):	2.13	3.73	5.33	3.07	6.53
Rain File:	Fdot-240	Fdot-240	Fdot-240	Fdot-240	Fdot-240
Rain Amount(in):	18.000	18.000	18.000	18.000	18.000
Duration(hrs):	240.00	240.00	240.00	240.00	240.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	16.00	28.00	40.00	23.00	49.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00

Area(ac):	3.435	0.977	16.427	2.015	19.802
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	76.800	64.700	82.700	64.400	72.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	184.00	183.99	184.00	184.00	183.91
Flow Max(cfs):	2.078	0.558	10.087	1.149	11.759
Runoff Volume(in):	14.828	12.789	15.719	12.734	14.154
Runoff Volume(ft3):	184893.398	45356.115	937310.074	93139.625	1017435.908

Name:	Area15	Area20	Area200	Area201	Area202
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-10d	100yr-10d	100yr-10d	100yr-10d	100yr-10d
Node:	WET-A2	Ditch 20	Ditch200	POST-WET-B	Node202
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	4.13	7.33	1.33	4.13	2.13
Comp Time Inc(min):	4.13	7.33	1.33	4.13	2.13
Rain File:	Fdot-240	Fdot-240	Fdot-240	Fdot-240	Fdot-240
Rain Amount(in):	18.000	18.000	18.000	18.000	18.000
Duration(hrs):	240.00	240.00	240.00	240.00	240.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	31.00	55.00	10.00	31.00	16.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	3.399	14.469	5.587	11.975	2.092
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	57.800	56.700	59.400	67.100	81.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	184.00	183.94	184.00	184.00	184.00
Flow Max(cfs):	1.841	7.712	3.080	6.935	1.283
Runoff Volume(in):	11.478	11.257	11.794	13.217	15.587
Runoff Volume(ft3):	141616.207	591266.714	239183.607	574515.830	118366.275

Name:	Area21	Area10	Area100	Area101	Area102
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-10d	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr
Node:	WET-B	Ditch 10	Basin100	Basin101	Basin102
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	4.13	8.00	2.67	2.40	2.40
Comp Time Inc(min):	4.13	8.00	2.67	2.40	2.40
Rain File:	Fdot-240	Fdot-1	Fdot-1	Fdot-1	Fdot-1
Rain Amount(in):	18.000	4.400	4.400	4.400	4.400
Duration(hrs):	240.00	1.00	1.00	1.00	1.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	31.00	60.00	20.00	18.00	18.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	11.401	29.142	15.376	16.816	17.658
Vol of Unit Hyd(in):	1.000	1.001	1.000	1.000	1.000
Curve Num:	67.800	63.400	90.800	89.600	93.000
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	184.00	1.20	0.76	0.72	0.72
Flow Max(cfs):	6.628	24.407	75.483	84.420	96.742
Runoff Volume(in):	13.339	1.160	3.378	3.261	3.612
Runoff Volume(ft3):	552057.575	122688.601	188537.988	199081.684	231497.620

Name:	Area103	Area104	Area105	Area106	Area108
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr
Node:	POST-WET-A1	Ditch 104	POST-WET-A1	POST-WET-A2	Node108
Type:	SCS	SCS	SCS	SCS	SCS

Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.07	3.07	4.80	5.47	1.33
Comp Time Inc(min):	3.07	3.07	4.80	5.47	1.33
Rain File:	Fdot-1	Fdot-1	Fdot-1	Fdot-1	Fdot-1
Rain Amount(in):	4.400	4.400	4.400	4.400	4.400
Duration(hrs):	1.00	1.00	1.00	1.00	1.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	23.00	23.00	36.00	41.00	10.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	1.942	2.015	11.726	13.460	0.868
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	76.700	64.400	87.900	77.100	89.900
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	0.82	0.87	0.96	1.00	0.64
Flow Max(cfs):	5.771	3.622	37.409	27.693	5.578
Runoff Volume(in):	2.102	1.227	3.086	2.123	3.291
Runoff Volume(ft3):	14814.629	8973.761	131342.214	103721.130	10370.853

Name:	Area109	Area11	Area110	Area12	Area13
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr
Node:	Node109	WET-A1	POST-WET-A2	WET-A1	Ditch 13
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	4.27	2.13	3.73	5.33	3.07
Comp Time Inc(min):	4.27	2.13	3.73	5.33	3.07
Rain File:	Fdot-1	Fdot-1	Fdot-1	Fdot-1	Fdot-1
Rain Amount(in):	4.400	4.400	4.400	4.400	4.400
Duration(hrs):	1.00	1.00	1.00	1.00	1.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	32.00	16.00	28.00	40.00	23.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	1.637	3.435	0.977	16.427	2.015
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	55.700	76.800	64.700	82.700	64.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	1.00	0.75	0.93	0.98	0.87
Flow Max(cfs):	1.443	12.281	1.568	41.834	3.622
Runoff Volume(in):	0.733	2.114	1.249	2.607	1.227
Runoff Volume(ft3):	4356.789	26357.306	4429.790	155458.255	8973.761

Name:	Area14	Area15	Area20	Area200	Area201
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr
Node:	WET-A2	WET-A2	Ditch 20	Ditch200	POST-WET-B
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	6.53	4.13	7.33	1.33	4.13
Comp Time Inc(min):	6.53	4.13	7.33	1.33	4.13
Rain File:	Fdot-1	Fdot-1	Fdot-1	Fdot-1	Fdot-1
Rain Amount(in):	4.400	4.400	4.400	4.400	4.400
Duration(hrs):	1.00	1.00	1.00	1.00	1.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	49.00	31.00	55.00	10.00	31.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	19.802	3.399	14.469	5.587	11.975
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	72.600	57.800	56.700	59.400	67.100
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	1.09	0.96	1.22	0.73	0.90

Flow Max(cfs):	29.826	3.519	8.765	11.394	20.057
Runoff Volume(in):	1.788	0.840	0.783	0.933	1.400
Runoff Volume(ft3):	128554.368	10369.553	41138.439	18914.110	60873.354

Name:	Area202	Area21	Area10	Area100	Area101
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-1hr	100yr-1hr	100yr-24hr	100yr-24hr	100yr-24hr
Node:	Node202	WET-B	Ditch 10	Basin100	Basin101
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	2.13	4.13	8.00	2.67	2.40
Comp Time Inc(min):	2.13	4.13	8.00	2.67	2.40
Rain File:	Fdot-1	Fdot-1	Fdot-24	Fdot-24	Fdot-24
Rain Amount(in):	4.400	4.400	11.040	11.040	11.040
Duration(hrs):	1.00	1.00	24.00	24.00	24.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	16.00	31.00	60.00	20.00	18.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	2.092	11.401	29.142	15.376	16.816
Vol of Unit Hyd(in):	1.000	1.000	1.001	1.000	1.000
Curve Num:	81.800	67.800	63.400	90.800	89.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	0.71	0.90	12.40	12.00	12.00
Flow Max(cfs):	8.816	19.718	18.488	16.477	17.980
Runoff Volume(in):	2.531	1.447	6.244	9.915	9.764
Runoff Volume(ft3):	19222.943	59892.447	660474.531	553404.066	596006.647

Name:	Area102	Area103	Area104	Area105	Area106
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr
Node:	Basin102	POST-WET-A1	Ditch 104	POST-WET-A1	POST-WET-A2
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	2.40	3.07	3.07	4.80	5.47
Comp Time Inc(min):	2.40	3.07	3.07	4.80	5.47
Rain File:	Fdot-24	Fdot-24	Fdot-24	Fdot-24	Fdot-24
Rain Amount(in):	11.040	11.040	11.040	11.040	11.040
Duration(hrs):	24.00	24.00	24.00	24.00	24.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	18.00	23.00	23.00	36.00	41.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	17.658	1.942	2.015	11.726	13.460
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	93.000	76.700	64.400	87.900	77.100
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	12.00	12.01	12.06	12.08	12.12
Flow Max(cfs):	19.215	1.805	1.514	11.779	11.818
Runoff Volume(in):	10.190	8.080	6.383	9.548	8.133
Runoff Volume(ft3):	653149.826	56960.493	46685.798	406425.301	397369.298

Name:	Area108	Area109	Area11	Area110	Area12
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr
Node:	Node108	Node109	WET-A1	POST-WET-A2	WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	4.27	2.13	3.73	5.33
Comp Time Inc(min):	1.33	4.27	2.13	3.73	5.33
Rain File:	Fdot-24	Fdot-24	Fdot-24	Fdot-24	Fdot-24

Rain Amount(in):	11.040	11.040	11.040	11.040	11.040
Duration(hrs):	24.00	24.00	24.00	24.00	24.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	32.00	16.00	28.00	40.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.868	1.637	3.435	0.977	16.427
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	89.900	55.700	76.800	64.700	82.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	12.00	12.16	12.02	12.07	12.18
Flow Max(cfs):	0.938	0.942	3.264	0.725	15.521
Runoff Volume(in):	9.802	5.130	8.097	6.424	8.878
Runoff Volume(ft3):	30883.681	30483.370	100956.571	22781.511	529377.320

Name:	Area13	Area14	Area15	Area20	Area200
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr
Node:	Ditch 13	WET-A2	WET-A2	Ditch 20	Ditch200
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.07	6.53	4.13	7.33	1.33
Comp Time Inc(min):	3.07	6.53	4.13	7.33	1.33
Rain File:	Fdot-24	Fdot-24	Fdot-24	Fdot-24	Fdot-24
Rain Amount(in):	11.040	11.040	11.040	11.040	11.040
Duration(hrs):	24.00	24.00	24.00	24.00	24.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	23.00	49.00	31.00	55.00	10.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	2.015	19.802	3.399	14.469	5.587
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.400	72.600	57.800	56.700	59.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	12.06	12.20	12.12	12.34	12.00
Flow Max(cfs):	1.514	15.770	2.094	7.765	3.901
Runoff Volume(in):	6.383	7.523	5.436	5.275	5.670
Runoff Volume(ft3):	46685.798	540751.604	67076.228	277052.221	114999.559

Name:	Area201	Area202	Area21	Area10	Area100
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-24hr	100yr-24hr	100yr-24hr	100yr-2hr	100yr-2hr
Node:	POST-WET-B	Node202	WET-B	Ditch 10	Basin100
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	4.13	2.13	4.13	8.00	2.67
Comp Time Inc(min):	4.13	2.13	4.13	8.00	2.67
Rain File:	Fdot-24	Fdot-24	Fdot-24	Fdot-2	Fdot-2
Rain Amount(in):	11.040	11.040	11.040	5.000	5.000
Duration(hrs):	24.00	24.00	24.00	2.00	2.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	31.00	16.00	31.00	60.00	20.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	11.975	2.092	11.401	29.142	15.376
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.001	1.000
Curve Num:	67.100	81.800	67.800	63.400	90.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	12.12	12.02	12.12	1.60	0.93
Flow Max(cfs):	9.228	2.106	8.908	22.691	59.845
Runoff Volume(in):	6.763	8.760	6.861	1.538	3.963
Runoff Volume(ft3):	293991.773	66522.644	283951.957	162704.666	221166.969

Name:	Area101	Area102	Area103	Area104	Area105
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr
Node:	Basin101	Basin102	POST-WET-A1	Ditch 104	POST-WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	2.40	2.40	3.07	3.07	4.80
Comp Time Inc(min):	2.40	2.40	3.07	3.07	4.80
Rain File:	Fdot-2	Fdot-2	Fdot-2	Fdot-2	Fdot-2
Rain Amount(in):	5.000	5.000	5.000	5.000	5.000
Duration(hrs):	2.00	2.00	2.00	2.00	2.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	18.00	18.00	23.00	23.00	36.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	16.816	17.658	1.942	2.015	11.726
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	89.600	93.000	76.700	64.400	87.900
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	0.92	0.88	0.97	1.02	1.12
Flow Max(cfs):	66.539	75.736	4.577	2.810	30.910
Runoff Volume(in):	3.836	4.200	2.595	1.608	3.660
Runoff Volume(ft3):	234158.989	269194.283	18292.947	11762.472	155800.451

Name:	Area106	Area108	Area109	Area11	Area110
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr
Node:	POST-WET-A2	Node108	Node109	WET-A1	POST-WET-A2
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	5.47	1.33	4.27	2.13	3.73
Comp Time Inc(min):	5.47	1.33	4.27	2.13	3.73
Rain File:	Fdot-2	Fdot-2	Fdot-2	Fdot-2	Fdot-2
Rain Amount(in):	5.000	5.000	5.000	5.000	5.000
Duration(hrs):	2.00	2.00	2.00	2.00	2.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	41.00	10.00	32.00	16.00	28.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	13.460	0.868	1.637	3.435	0.977
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	77.100	89.900	55.700	76.800	64.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	1.18	0.84	1.21	0.89	1.12
Flow Max(cfs):	23.278	4.289	1.165	9.715	1.248
Runoff Volume(in):	2.597	3.867	1.021	2.603	1.629
Runoff Volume(ft3):	126871.355	12185.740	6067.842	32454.363	5778.233

Name:	Area12	Area13	Area14	Area15	Area20
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr
Node:	WET-A1	Ditch 13	WET-A2	WET-A2	Ditch 20
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	5.33	3.07	6.53	4.13	7.33
Comp Time Inc(min):	5.33	3.07	6.53	4.13	7.33
Rain File:	Fdot-2	Fdot-2	Fdot-2	Fdot-2	Fdot-2
Rain Amount(in):	5.000	5.000	5.000	5.000	5.000
Duration(hrs):	2.00	2.00	2.00	2.00	2.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	40.00	23.00	49.00	31.00	55.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00

Area(ac):	16.427	2.015	19.802	3.399	14.469
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	82.700	64.400	72.600	57.800	56.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	1.16	1.02	1.31	1.17	1.59
Flow Max(cfs):	34.829	2.810	25.982	2.811	8.290
Runoff Volume(in):	3.127	1.608	2.233	1.156	1.074
Runoff Volume(ft3):	186448.271	11762.472	160486.658	14259.534	56423.238

Name:	Area200	Area201	Area202	Area21	Area10
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr	100yr-3d
Node:	Ditch200	POST-WET-B	Node202	WET-B	Ditch 10
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	4.13	2.13	4.13	8.00
Comp Time Inc(min):	1.33	4.13	2.13	4.13	8.00
Rain File:	Fdot-2	Fdot-2	Fdot-2	Fdot-2	Fdot-72
Rain Amount(in):	5.000	5.000	5.000	5.000	13.800
Duration(hrs):	2.00	2.00	2.00	2.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	31.00	16.00	31.00	60.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	5.587	11.975	2.092	11.401	29.142
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.001
Curve Num:	59.400	67.100	81.800	67.800	63.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	0.87	1.10	0.89	1.10	60.00
Flow Max(cfs):	8.923	16.206	7.000	15.938	17.065
Runoff Volume(in):	1.261	1.811	3.058	1.864	8.686
Runoff Volume(ft3):	25581.965	78706.363	23218.939	77150.352	918811.076

Name:	Area100	Area101	Area102	Area103	Area104
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-3d	100yr-3d	100yr-3d	100yr-3d	100yr-3d
Node:	Basin100	Basin101	Basin102	POST-WET-A1	Ditch 104
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	2.67	2.40	2.40	3.07	3.07
Comp Time Inc(min):	2.67	2.40	2.40	3.07	3.07
Rain File:	Fdot-72	Fdot-72	Fdot-72	Fdot-72	Fdot-72
Rain Amount(in):	13.800	13.800	13.800	13.800	13.800
Duration(hrs):	72.00	72.00	72.00	72.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	20.00	18.00	18.00	23.00	23.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	15.376	16.816	17.658	1.942	2.015
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	90.800	89.600	93.000	76.700	64.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	59.95	59.96	59.96	59.95	60.00
Flow Max(cfs):	10.530	11.492	12.130	1.272	1.213
Runoff Volume(in):	12.660	12.504	12.942	10.726	8.845
Runoff Volume(ft3):	706603.449	763264.719	829537.388	75609.794	64697.357

Name:	Area105	Area106	Area108	Area109	Area11
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-3d	100yr-3d	100yr-3d	100yr-3d	100yr-3d
Node:	POST-WET-A1	POST-WET-A2	Node108	Node109	WET-A1
Type:	SCS	SCS	SCS	SCS	SCS

Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	4.80	5.47	1.33	4.27	2.13
Comp Time Inc(min):	4.80	5.47	1.33	4.27	2.13
Rain File:	Fdot-72	Fdot-72	Fdot-72	Fdot-72	Fdot-72
Rain Amount(in):	13.800	13.800	13.800	13.800	13.800
Duration(hrs):	72.00	72.00	72.00	72.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	36.00	41.00	10.00	32.00	16.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	11.726	13.460	0.868	1.637	3.435
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	87.900	77.100	89.900	55.700	76.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	60.00	59.95	59.98	60.02	59.98
Flow Max(cfs):	7.982	8.813	0.594	0.891	2.253
Runoff Volume(in):	12.280	10.784	12.543	7.395	10.742
Runoff Volume(ft3):	522723.629	526922.923	39521.042	43940.445	133945.732

Name:	Area110	Area12	Area13	Area14	Area15
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-3d	100yr-3d	100yr-3d	100yr-3d	100yr-3d
Node:	POST-WET-A2	WET-A1	Ditch 13	WET-A2	WET-A2
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.73	5.33	3.07	6.53	4.13
Comp Time Inc(min):	3.73	5.33	3.07	6.53	4.13
Rain File:	Fdot-72	Fdot-72	Fdot-72	Fdot-72	Fdot-72
Rain Amount(in):	13.800	13.800	13.800	13.800	13.800
Duration(hrs):	72.00	72.00	72.00	72.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	28.00	40.00	23.00	49.00	31.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.977	16.427	2.015	19.802	3.399
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.700	82.700	64.400	72.600	57.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	59.98	60.00	60.00	60.00	60.00
Flow Max(cfs):	0.589	11.015	1.213	12.628	1.903
Runoff Volume(in):	8.895	11.577	8.845	10.121	7.755
Runoff Volume(ft3):	31545.661	690362.051	64697.357	727494.497	95689.171

Name:	Area20	Area200	Area201	Area202	Area21
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-3d	100yr-3d	100yr-3d	100yr-3d	100yr-3d
Node:	Ditch 20	Ditch200	POST-WET-B	Node202	WET-B
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	7.33	1.33	4.13	2.13	4.13
Comp Time Inc(min):	7.33	1.33	4.13	2.13	4.13
Rain File:	Fdot-72	Fdot-72	Fdot-72	Fdot-72	Fdot-72
Rain Amount(in):	13.800	13.800	13.800	13.800	13.800
Duration(hrs):	72.00	72.00	72.00	72.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	55.00	10.00	31.00	16.00	31.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	14.469	5.587	11.975	2.092	11.401
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	56.700	59.400	67.100	81.800	67.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	60.01	60.00	60.00	59.98	60.00

Flow Max(cfs):	7.886	3.213	7.366	1.401	7.052
Runoff Volume(in):	7.568	8.026	9.276	11.453	9.386
Runoff Volume(ft3):	397479.139	162773.059	403221.688	86971.000	388437.478

Name:	Area10	Area100	Area101	Area102	Area103
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr
Node:	Ditch 10	Basin100	Basin101	Basin102	POST-WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Comp Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Rain File:	Fdot-4	Fdot-4	Fdot-4	Fdot-4	Fdot-4
Rain Amount(in):	6.250	6.250	6.250	6.250	6.250
Duration(hrs):	4.00	4.00	4.00	4.00	4.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	60.00	20.00	18.00	18.00	23.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	29.142	15.376	16.816	17.658	1.942
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	63.400	90.800	89.600	93.000	76.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	3.20	2.13	2.12	2.12	2.56
Flow Max(cfs):	29.718	41.615	45.530	50.492	3.926
Runoff Volume(in):	2.390	5.182	5.047	5.432	3.666
Runoff Volume(ft3):	252819.189	289219.137	308078.061	348169.080	25846.164

Name:	Area104	Area105	Area106	Area108	Area109
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr
Node:	Ditch 104	POST-WET-A1	POST-WET-A2	Node108	Node109
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.07	4.80	5.47	1.33	4.27
Comp Time Inc(min):	3.07	4.80	5.47	1.33	4.27
Rain File:	Fdot-4	Fdot-4	Fdot-4	Fdot-4	Fdot-4
Rain Amount(in):	6.250	6.250	6.250	6.250	6.250
Duration(hrs):	4.00	4.00	4.00	4.00	4.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	23.00	36.00	41.00	10.00	32.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	2.015	11.726	13.460	0.868	1.637
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.400	87.900	77.100	89.900	55.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	2.61	2.64	2.73	2.02	2.99
Flow Max(cfs):	2.928	26.622	23.477	2.559	1.546
Runoff Volume(in):	2.478	4.858	3.692	5.081	1.719
Runoff Volume(ft3):	18127.990	206781.290	180388.150	16008.055	10216.565

Name:	Area11	Area110	Area12	Area13	Area14
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr
Node:	WET-A1	POST-WET-A2	WET-A1	Ditch 13	WET-A2
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	2.13	3.73	5.33	3.07	6.53
Comp Time Inc(min):	2.13	3.73	5.33	3.07	6.53
Rain File:	Fdot-4	Fdot-4	Fdot-4	Fdot-4	Fdot-4

Rain Amount(in):	6.250	6.250	6.250	6.250	6.250
Duration(hrs):	4.00	4.00	4.00	4.00	4.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	16.00	28.00	40.00	23.00	49.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	3.435	0.977	16.427	2.015	19.802
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	76.800	64.700	82.700	64.400	72.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	2.52	2.68	2.67	2.61	2.94
Flow Max(cfs):	7.285	1.360	32.750	2.928	28.912
Runoff Volume(in):	3.676	2.505	4.294	2.478	3.242
Runoff Volume(ft3):	45831.214	8883.987	256041.723	18127.990	233071.579

Name:	Area15	Area20	Area200	Area201	Area202
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr
Node:	WET-A2	Ditch 20	Ditch200	POST-WET-B	Node202
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	4.13	7.33	1.33	4.13	2.13
Comp Time Inc(min):	4.13	7.33	1.33	4.13	2.13
Rain File:	Fdot-4	Fdot-4	Fdot-4	Fdot-4	Fdot-4
Rain Amount(in):	6.250	6.250	6.250	6.250	6.250
Duration(hrs):	4.00	4.00	4.00	4.00	4.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	31.00	55.00	10.00	31.00	16.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	3.399	14.469	5.587	11.975	2.092
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	57.800	56.700	59.400	67.100	81.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	2.76	3.18	2.53	2.69	2.13
Flow Max(cfs):	3.543	11.896	7.758	17.431	4.905
Runoff Volume(in):	1.898	1.792	2.036	2.730	4.194
Runoff Volume(ft3):	23413.030	94100.630	41284.636	118664.657	31850.943

Name:	Area21	Area10	Area100	Area101	Area102
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-7d	100yr-7d	100yr-7d	100yr-7d
Node:	WET-B	Ditch 10	Basin100	Basin101	Basin102
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	4.13	8.00	2.67	2.40	2.40
Comp Time Inc(min):	4.13	8.00	2.67	2.40	2.40
Rain File:	Fdot-4	Fdot-168	Fdot-168	Fdot-168	Fdot-168
Rain Amount(in):	6.250	16.000	16.000	16.000	16.000
Duration(hrs):	4.00	168.00	168.00	168.00	168.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	31.00	60.00	20.00	18.00	18.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	11.401	29.142	15.376	16.816	17.658
Vol of Unit Hyd(in):	1.000	1.001	1.000	1.000	1.000
Curve Num:	67.800	63.400	90.800	89.600	93.000
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	2.69	160.00	160.00	160.00	160.00
Flow Max(cfs):	16.957	12.588	7.263	7.934	8.356
Runoff Volume(in):	2.796	10.693	14.851	14.693	15.137
Runoff Volume(ft3):	115700.606	1131182.025	828921.467	896873.736	970264.387

Name:	Area103	Area104	Area105	Area106	Area108
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-7d	100yr-7d	100yr-7d	100yr-7d	100yr-7d
Node:	POST-WET-A1	Ditch 104	POST-WET-A1	POST-WET-A2	Node108
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.07	3.07	4.80	5.47	1.33
Comp Time Inc(min):	3.07	3.07	4.80	5.47	1.33
Rain File:	Fdot-168	Fdot-168	Fdot-168	Fdot-168	Fdot-168
Rain Amount(in):	16.000	16.000	16.000	16.000	16.000
Duration(hrs):	168.00	168.00	168.00	168.00	168.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	23.00	23.00	36.00	41.00	10.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	1.942	2.015	11.726	13.460	0.868
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	76.700	64.400	87.900	77.100	89.900
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	159.97	159.97	160.00	159.99	160.00
Flow Max(cfs):	0.893	0.879	5.521	6.195	0.410
Runoff Volume(in):	12.861	10.867	14.465	12.914	14.733
Runoff Volume(ft3):	90661.230	79488.393	615700.403	630977.712	46419.840

Name:	Area109	Area11	Area110	Area12	Area13
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-7d	100yr-7d	100yr-7d	100yr-7d	100yr-7d
Node:	Node109	WET-A1	POST-WET-A2	WET-A1	Ditch 13
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	4.27	2.13	3.73	5.33	3.07
Comp Time Inc(min):	4.27	2.13	3.73	5.33	3.07
Rain File:	Fdot-168	Fdot-168	Fdot-168	Fdot-168	Fdot-168
Rain Amount(in):	16.000	16.000	16.000	16.000	16.000
Duration(hrs):	168.00	168.00	168.00	168.00	168.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	32.00	16.00	28.00	40.00	23.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	1.637	3.435	0.977	16.427	2.015
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	55.700	76.800	64.700	82.700	64.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	160.00	160.00	159.97	160.00	159.97
Flow Max(cfs):	0.669	1.581	0.427	7.667	0.879
Runoff Volume(in):	9.286	12.876	10.919	13.743	10.867
Runoff Volume(ft3):	55177.831	160547.823	38724.160	819489.491	79488.393

Name:	Area14	Area15	Area20	Area200	Area201
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-7d	100yr-7d	100yr-7d	100yr-7d	100yr-7d
Node:	WET-A2	WET-A2	Ditch 20	Ditch200	POST-WET-B
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	6.53	4.13	7.33	1.33	4.13
Comp Time Inc(min):	6.53	4.13	7.33	1.33	4.13
Rain File:	Fdot-168	Fdot-168	Fdot-168	Fdot-168	Fdot-168
Rain Amount(in):	16.000	16.000	16.000	16.000	16.000
Duration(hrs):	168.00	168.00	168.00	168.00	168.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	49.00	31.00	55.00	10.00	31.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00

Area(ac):	19.802	3.399	14.469	5.587	11.975
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	72.600	57.800	56.700	59.400	67.100
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	159.95	159.96	159.98	160.00	159.96
Flow Max(cfs):	8.970	1.414	5.942	2.360	5.297
Runoff Volume(in):	12.217	9.679	9.472	9.978	11.323
Runoff Volume(ft3):	878175.220	119428.115	497510.227	202364.038	492222.307

Name:	Area202	Area21	Area10	Area100	Area101
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-7d	100yr-7d	100yr-8hr	100yr-8hr	100yr-8hr
Node:	Node202	WET-B	Ditch 10	Basin100	Basin101
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	2.13	4.13	8.00	2.67	2.40
Comp Time Inc(min):	2.13	4.13	8.00	2.67	2.40
Rain File:	Fdot-168	Fdot-168	Fdot-8	Fdot-8	Fdot-8
Rain Amount(in):	16.000	16.000	7.500	7.500	7.500
Duration(hrs):	168.00	168.00	8.00	8.00	8.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	16.00	31.00	60.00	20.00	18.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	2.092	11.401	29.142	15.376	16.816
Vol of Unit Hyd(in):	1.000	1.000	1.001	1.000	1.000
Curve Num:	81.800	67.800	63.400	90.800	89.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	160.00	159.96	4.40	4.04	4.00
Flow Max(cfs):	0.975	5.061	31.348	44.812	49.203
Runoff Volume(in):	13.614	11.441	3.324	6.410	6.270
Runoff Volume(ft3):	103384.317	473477.573	351632.678	357795.626	382712.705

Name:	Area102	Area103	Area104	Area105	Area106
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr
Node:	Basin102	POST-WET-A1	Ditch 104	POST-WET-A1	POST-WET-A2
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	2.40	3.07	3.07	4.80	5.47
Comp Time Inc(min):	2.40	3.07	3.07	4.80	5.47
Rain File:	Fdot-8	Fdot-8	Fdot-8	Fdot-8	Fdot-8
Rain Amount(in):	7.500	7.500	7.500	7.500	7.500
Duration(hrs):	8.00	8.00	8.00	8.00	8.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	18.00	23.00	23.00	36.00	41.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	17.658	1.942	2.015	11.726	13.460
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	93.000	76.700	64.400	87.900	77.100
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	4.00	4.09	4.09	4.16	4.19
Flow Max(cfs):	53.270	4.445	3.396	28.619	25.644
Runoff Volume(in):	6.670	4.781	3.426	6.071	4.816
Runoff Volume(ft3):	427507.646	33700.138	25061.494	258414.957	235313.137

Name:	Area108	Area109	Area11	Area110	Area12
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr
Node:	Node108	Node109	WET-A1	POST-WET-A2	WET-A1
Type:	SCS	SCS	SCS	SCS	SCS

Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	4.27	2.13	3.73	5.33
Comp Time Inc(min):	1.33	4.27	2.13	3.73	5.33
Rain File:	Fdot-8	Fdot-8	Fdot-8	Fdot-8	Fdot-8
Rain Amount(in):	7.500	7.500	7.500	7.500	7.500
Duration(hrs):	8.00	8.00	8.00	8.00	8.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	32.00	16.00	28.00	40.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.868	1.637	3.435	0.977	16.427
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	89.900	55.700	76.800	64.700	82.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	4.00	4.20	4.02	4.11	4.18
Flow Max(cfs):	2.640	1.762	8.489	1.551	35.482
Runoff Volume(in):	6.305	2.515	4.797	3.457	5.469
Runoff Volume(ft3):	19865.414	14943.172	59817.091	12259.941	326120.905

Name:	Area13	Area14	Area15	Area20	Area200
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr
Node:	Ditch 13	WET-A2	WET-A2	Ditch 20	Ditch200
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.07	6.53	4.13	7.33	1.33
Comp Time Inc(min):	3.07	6.53	4.13	7.33	1.33
Rain File:	Fdot-8	Fdot-8	Fdot-8	Fdot-8	Fdot-8
Rain Amount(in):	7.500	7.500	7.500	7.500	7.500
Duration(hrs):	8.00	8.00	8.00	8.00	8.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	23.00	49.00	31.00	55.00	10.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	2.015	19.802	3.399	14.469	5.587
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.400	72.600	57.800	56.700	59.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	4.09	4.25	4.20	4.40	4.02
Flow Max(cfs):	3.396	31.085	4.054	12.470	9.549
Runoff Volume(in):	3.426	4.317	2.734	2.614	2.902
Runoff Volume(ft3):	25061.494	310308.223	33734.883	137279.582	58849.158

Name:	Area201	Area202	Area21
Group:	BASE	BASE	BASE
Simulation:	100yr-8hr	100yr-8hr	100yr-8hr
Node:	POST-WET-B	Node202	WET-B
Type:	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0
Spec Time Inc(min):	4.13	2.13	4.13
Comp Time Inc(min):	4.13	2.13	4.13
Rain File:	Fdot-8	Fdot-8	Fdot-8
Rain Amount(in):	7.500	7.500	7.500
Duration(hrs):	8.00	8.00	8.00
Status:	Onsite	Onsite	Onsite
TC(min):	31.00	16.00	31.00
Time Shift(hrs):	0.00	0.00	0.00
Area(ac):	11.975	2.092	11.401
Vol of Unit Hyd(in):	1.000	1.000	1.000
Curve Num:	67.100	81.800	67.800
DCIA(%):	0.000	0.000	0.000
Time Max(hrs):	4.13	4.02	4.13

Flow Max(cfs):	19.742	5.628	19.184
Runoff Volume(in):	3.721	5.366	3.797
Runoff Volume(ft3):	161743.086	40747.648	157141.601

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
Basin100	100yr-10d	183.103	183.250	0.0029	195433	9.568	3.625
Basin100	100yr-1hr	181.739	183.250	0.0033	186098	51.073	0.641
Basin100	100yr-24hr	183.101	183.250	0.0051	195417	16.465	3.670
Basin100	100yr-2hr	181.942	183.250	0.0036	187481	56.645	0.645
Basin100	100yr-3d	183.234	183.250	0.0027	196343	10.527	4.399
Basin100	100yr-4hr	182.284	183.250	0.0045	189814	40.162	0.676
Basin100	100yr-7d	183.171	183.250	0.0017	195902	7.263	4.051
Basin100	100yr-8hr	182.581	183.250	0.0046	191850	44.767	1.380
Basin101	100yr-10d	182.612	182.750	0.0026	198824	13.889	9.632
Basin101	100yr-1hr	181.298	182.750	0.0033	189015	53.049	0.916
Basin101	100yr-24hr	182.520	182.750	0.0054	198147	18.557	8.575
Basin101	100yr-2hr	181.510	182.750	0.0038	190609	61.857	1.018
Basin101	100yr-3d	182.621	182.750	0.0027	198894	14.851	9.758
Basin101	100yr-4hr	181.862	182.750	0.0047	193240	44.549	2.344
Basin101	100yr-7d	182.561	182.750	0.0017	198449	11.914	9.045
Basin101	100yr-8hr	182.107	182.750	0.0047	195072	49.827	4.294
Basin102	100yr-10d	180.831	181.000	0.0024	228895	20.462	14.927
Basin102	100yr-1hr	179.080	181.000	0.0032	216712	59.590	1.021
Basin102	100yr-24hr	180.670	181.000	0.0053	227795	20.447	12.555
Basin102	100yr-2hr	179.272	181.000	0.0037	218074	69.669	1.122
Basin102	100yr-3d	180.811	181.000	0.0027	228759	20.273	14.653
Basin102	100yr-4hr	179.678	181.000	0.0045	220958	49.870	1.590
Basin102	100yr-7d	180.727	181.000	0.0017	228188	17.298	13.454
Basin102	100yr-8hr	180.026	181.000	0.0046	223421	54.143	4.281
bdry	100yr-10d	175.500	176.000	0.0000	0	57.352	0.000
bdry	100yr-1hr	175.500	176.000	0.0000	0	28.555	0.000
bdry	100yr-24hr	175.500	176.000	0.0000	0	61.879	0.000
bdry	100yr-2hr	175.500	176.000	0.0000	0	42.794	0.000
bdry	100yr-3d	175.500	176.000	0.0000	0	58.410	0.000
bdry	100yr-4hr	175.500	176.000	0.0000	0	69.358	0.000
bdry	100yr-7d	175.500	176.000	0.0000	0	43.898	0.000
bdry	100yr-8hr	175.500	176.000	0.0000	0	80.460	0.000
bdry-4	100yr-10d	175.500	176.000	0.0000	0	43.837	0.000
bdry-4	100yr-1hr	175.500	176.000	0.0000	0	9.614	0.000
bdry-4	100yr-24hr	175.500	176.000	0.0000	0	33.759	0.000
bdry-4	100yr-2hr	175.500	176.000	0.0000	0	18.249	0.000
bdry-4	100yr-3d	175.500	176.000	0.0000	0	41.900	0.000
bdry-4	100yr-4hr	175.500	176.000	0.0000	0	34.211	0.000
bdry-4	100yr-7d	175.500	176.000	0.0000	0	35.499	0.000
bdry-4	100yr-8hr	175.500	176.000	0.0000	0	40.873	0.000
Ditch 10	100yr-10d	178.584	179.500	-0.0100	20080	16.413	16.405
Ditch 10	100yr-1hr	178.625	179.500	-0.0100	21100	19.821	19.811
Ditch 10	100yr-24hr	178.608	179.500	-0.0097	20661	18.351	18.284
Ditch 10	100yr-2hr	178.649	179.500	0.0099	21692	22.532	22.023
Ditch 10	100yr-3d	178.592	179.500	0.0100	20277	17.061	17.022
Ditch 10	100yr-4hr	178.714	179.500	-0.0100	23309	29.263	28.943
Ditch 10	100yr-7d	178.528	179.500	-0.0099	18689	12.584	12.580
Ditch 10	100yr-8hr	178.729	179.500	-0.0099	23686	31.123	30.745
Ditch 104	100yr-10d	177.561	178.000	0.0019	10086	1.148	1.148
Ditch 104	100yr-1hr	177.583	178.000	0.0028	10425	3.040	2.709
Ditch 104	100yr-24hr	177.567	178.000	0.0032	10176	1.506	1.498
Ditch 104	100yr-2hr	177.581	178.000	0.0031	10386	2.789	2.492
Ditch 104	100yr-3d	177.562	178.000	0.0022	10103	1.213	1.213
Ditch 104	100yr-4hr	177.585	178.000	0.0022	10444	2.832	2.810
Ditch 104	100yr-7d	177.556	178.000	0.0016	10006	0.877	0.877
Ditch 104	100yr-8hr	177.589	178.000	0.0027	10515	3.285	3.233

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
Ditch 13	100yr-10d	177.561	178.000	0.0019	10086	1.148	1.148
Ditch 13	100yr-1hr	177.583	178.000	0.0028	10425	3.040	2.709
Ditch 13	100yr-24hr	177.567	178.000	0.0032	10176	1.506	1.498
Ditch 13	100yr-2hr	177.581	178.000	0.0031	10386	2.789	2.492
Ditch 13	100yr-3d	177.562	178.000	0.0022	10103	1.213	1.213
Ditch 13	100yr-4hr	177.585	178.000	0.0022	10444	2.832	2.810
Ditch 13	100yr-7d	177.556	178.000	0.0016	10006	0.877	0.877
Ditch 13	100yr-8hr	177.589	178.000	0.0027	10515	3.285	3.233
Ditch 20	100yr-10d	180.993	182.300	-0.0099	13423	7.700	7.674
Ditch 20	100yr-1hr	180.824	182.300	-0.0085	11914	7.397	6.239
Ditch 20	100yr-24hr	180.964	182.300	-0.0087	13167	7.697	7.426
Ditch 20	100yr-2hr	180.931	182.300	-0.0093	12875	8.198	7.147
Ditch 20	100yr-3d	181.001	182.300	-0.0088	13498	7.882	7.745
Ditch 20	100yr-4hr	181.293	182.300	-0.0092	16562	11.618	10.323
Ditch 20	100yr-7d	180.785	182.300	-0.0085	11574	5.937	5.924
Ditch 20	100yr-8hr	181.359	182.300	0.0095	17248	12.378	10.905
Ditch200	100yr-10d	180.406	182.250	-0.0099	8181	3.077	3.070
Ditch200	100yr-1hr	180.511	182.250	-0.0085	9122	4.804	3.800
Ditch200	100yr-24hr	180.493	182.250	-0.0097	8966	3.897	3.675
Ditch200	100yr-2hr	180.693	182.250	-0.0097	10751	7.470	5.181
Ditch200	100yr-3d	180.424	182.250	-0.0091	8346	3.211	3.194
Ditch200	100yr-4hr	180.877	182.250	0.0098	12390	7.718	6.684
Ditch200	100yr-7d	180.293	182.250	-0.0097	7174	2.357	2.354
Ditch200	100yr-8hr	180.968	182.250	0.0094	13205	9.512	7.464
Node108	100yr-10d	178.718	179.560	-0.0098	9840	0.489	0.489
Node108	100yr-1hr	178.805	179.560	-0.0098	10500	3.985	1.272
Node108	100yr-24hr	178.740	179.560	-0.0074	10007	0.751	0.664
Node108	100yr-2hr	178.775	179.560	0.0066	10271	2.464	0.973
Node108	100yr-3d	178.724	179.560	-0.0078	9885	0.535	0.535
Node108	100yr-4hr	178.801	179.560	0.0084	10468	2.000	1.228
Node108	100yr-7d	178.702	179.560	0.0051	9717	0.373	0.372
Node108	100yr-8hr	178.805	179.560	0.0058	10502	1.989	1.274
Node109	100yr-10d	178.317	179.500	-0.0031	2344	0.868	0.866
Node109	100yr-1hr	178.389	179.500	-0.0028	2597	1.436	1.132
Node109	100yr-24hr	178.327	179.500	0.0017	2377	0.925	0.900
Node109	100yr-2hr	178.360	179.500	-0.0031	2494	1.072	1.019
Node109	100yr-3d	178.323	179.500	0.0023	2365	0.891	0.888
Node109	100yr-4hr	178.473	179.500	-0.0030	2892	1.544	1.476
Node109	100yr-7d	178.257	179.500	-0.0029	2131	0.668	0.668
Node109	100yr-8hr	178.478	179.500	-0.0029	2908	1.571	1.496
Node202	100yr-10d	181.899	182.000	0.0047	16794	1.223	1.209
Node202	100yr-1hr	181.019	182.000	-0.0031	14724	4.255	0.000
Node202	100yr-24hr	181.844	182.000	0.0075	16666	1.901	0.970
Node202	100yr-2hr	181.192	182.000	0.0044	15130	5.457	0.000
Node202	100yr-3d	181.913	182.000	0.0033	16828	1.320	1.275
Node202	100yr-4hr	181.579	182.000	0.0053	16042	3.932	0.107
Node202	100yr-7d	181.834	182.000	-0.0018	16641	0.929	0.926
Node202	100yr-8hr	181.722	182.000	0.0057	16377	4.687	0.501
POST-WET-A1	100yr-10d	177.258	177.500	0.0033	255602	24.239	23.013
POST-WET-A1	100yr-1hr	176.948	177.500	0.0051	198974	43.551	5.533
POST-WET-A1	100yr-24hr	177.177	177.500	0.0053	243421	17.721	17.295
POST-WET-A1	100yr-2hr	177.035	177.500	0.0053	222110	35.357	9.251
POST-WET-A1	100yr-3d	177.222	177.500	0.0051	250262	22.118	20.406
POST-WET-A1	100yr-4hr	177.149	177.500	0.0061	239294	33.967	15.542
POST-WET-A1	100yr-7d	177.211	177.500	0.0021	248505	20.545	19.583

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
POST-WET-A1	100yr-8hr	177.176	177.500	0.0093	243336	36.345	17.258
POST-WET-A2	100yr-10d	176.509	177.000	0.0027	204216	44.054	43.837
POST-WET-A2	100yr-1hr	176.371	177.000	0.0042	176459	31.326	9.614
POST-WET-A2	100yr-24hr	176.477	177.000	0.0046	197826	33.816	33.759
POST-WET-A2	100yr-2hr	176.417	177.000	0.0045	185700	24.054	18.249
POST-WET-A2	100yr-3d	176.503	177.000	0.0028	203050	42.142	41.900
POST-WET-A2	100yr-4hr	176.479	177.000	0.0048	198134	35.636	34.211
POST-WET-A2	100yr-7d	176.483	177.000	0.0024	198990	35.672	35.499
POST-WET-A2	100yr-8hr	176.500	177.000	0.0048	202423	41.456	40.873
POST-WET-B	100yr-10d	179.434	179.630	0.0019	191449	11.211	11.168
POST-WET-B	100yr-1hr	178.916	179.630	0.0032	125880	22.938	0.000
POST-WET-B	100yr-24hr	179.424	179.630	0.0047	190059	12.770	10.046
POST-WET-B	100yr-2hr	179.134	179.630	0.0039	151883	19.352	0.000
POST-WET-B	100yr-3d	179.439	179.630	0.0021	192101	11.833	11.715
POST-WET-B	100yr-4hr	179.375	179.630	0.0048	183564	23.213	5.590
POST-WET-B	100yr-7d	179.409	179.630	0.0015	188086	8.568	8.555
POST-WET-B	100yr-8hr	179.418	179.630	0.0048	189257	25.471	9.425
WET-A1	100yr-10d	177.339	177.500	0.0048	267810	29.713	29.562
WET-A1	100yr-1hr	177.217	177.500	0.0058	249528	65.206	20.059
WET-A1	100yr-24hr	177.384	177.500	0.0070	274653	37.278	33.591
WET-A1	100yr-2hr	177.327	177.500	0.0060	266094	56.959	28.592
WET-A1	100yr-3d	177.343	177.500	0.0062	268424	31.490	29.913
WET-A1	100yr-4hr	177.500	177.500	0.0066	292099	67.714	45.028
WET-A1	100yr-7d	177.252	177.500	0.0032	254794	22.701	22.608
WET-A1	100yr-8hr	177.535	177.500	0.0099	297329	67.936	48.783
WET-A2	100yr-10d	176.546	177.000	0.0041	211660	57.403	57.352
WET-A2	100yr-1hr	176.459	177.000	0.0058	194091	33.609	28.555
WET-A2	100yr-24hr	176.557	177.000	0.0064	213971	62.047	61.879
WET-A2	100yr-2hr	176.506	177.000	0.0060	203532	45.153	42.794
WET-A2	100yr-3d	176.549	177.000	0.0032	212208	58.678	58.410
WET-A2	100yr-4hr	176.576	177.000	0.0060	217610	69.698	69.358
WET-A2	100yr-7d	176.509	177.000	0.0035	204193	43.923	43.898
WET-A2	100yr-8hr	176.601	177.000	0.0059	222668	81.044	80.460
WET-B	100yr-10d	179.491	179.630	0.0021	198896	14.300	14.249
WET-B	100yr-1hr	179.105	179.630	0.0038	148029	22.785	0.000
WET-B	100yr-24hr	179.486	179.630	0.0052	198283	15.257	13.681
WET-B	100yr-2hr	179.306	179.630	0.0050	174470	18.324	0.558
WET-B	100yr-3d	179.493	179.630	0.0024	199188	14.776	14.524
WET-B	100yr-4hr	179.455	179.630	0.0058	194130	24.671	10.136
WET-B	100yr-7d	179.462	179.630	0.0018	195144	10.976	10.953
WET-B	100yr-8hr	179.494	179.630	0.0059	199339	24.548	14.667

PONDS Version 3.3.0229
Retention Pond Recovery - Refined Method
Copyright 2008
Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	GREC - Area108
Simulation Description:	Dry Retention Basin
Project Number:	
Engineer :	Claudia S. Vega
Supervising Engineer:	Claudia S. Vega
Date:	01-21-2010

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	168.30
Water Table Elevation, [WT] (ft datum):	176.80
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	7.50
Fillable Porosity, [n] (%):	25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	8640.0

Geometry Data

Equivalent Pond Length, [L] (ft):	540.0
Equivalent Pond Width, [W] (ft):	16.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
177.56	1080.0
178.00	4406.0
179.00	11966.0
179.56	16200.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	178.62
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 1 :: Post100yr-24hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.868
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	11.0
Design Rainfall Duration (hours)	24.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 24 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
1.000	13.000
2.000	15.000
5.000	20.000
7.000	25.000
10.000	30.000

Scenario 2 :: Post 100yr-8hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.868
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	7.5
Design Rainfall Duration (hours)	8.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 8 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.868
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	6.3
Design Rainfall Duration (hours)	4.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 4 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.868
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	5.0
Design Rainfall Duration (hours)	2.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 2 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.868
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	4.4
Design Rainfall Duration (hours)	1.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 1 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.868
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	13.8
Design Rainfall Duration (hours)	72.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 72 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.868
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	16.0
Design Rainfall Duration (hours)	168.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 168 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.868
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	18.0
Design Rainfall Duration (hours)	240.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 240 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft^3) 5282

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
0.100	2.000
0.250	2.500
0.500	3.000
1.000	
1.500	

Sort-By-Category Report

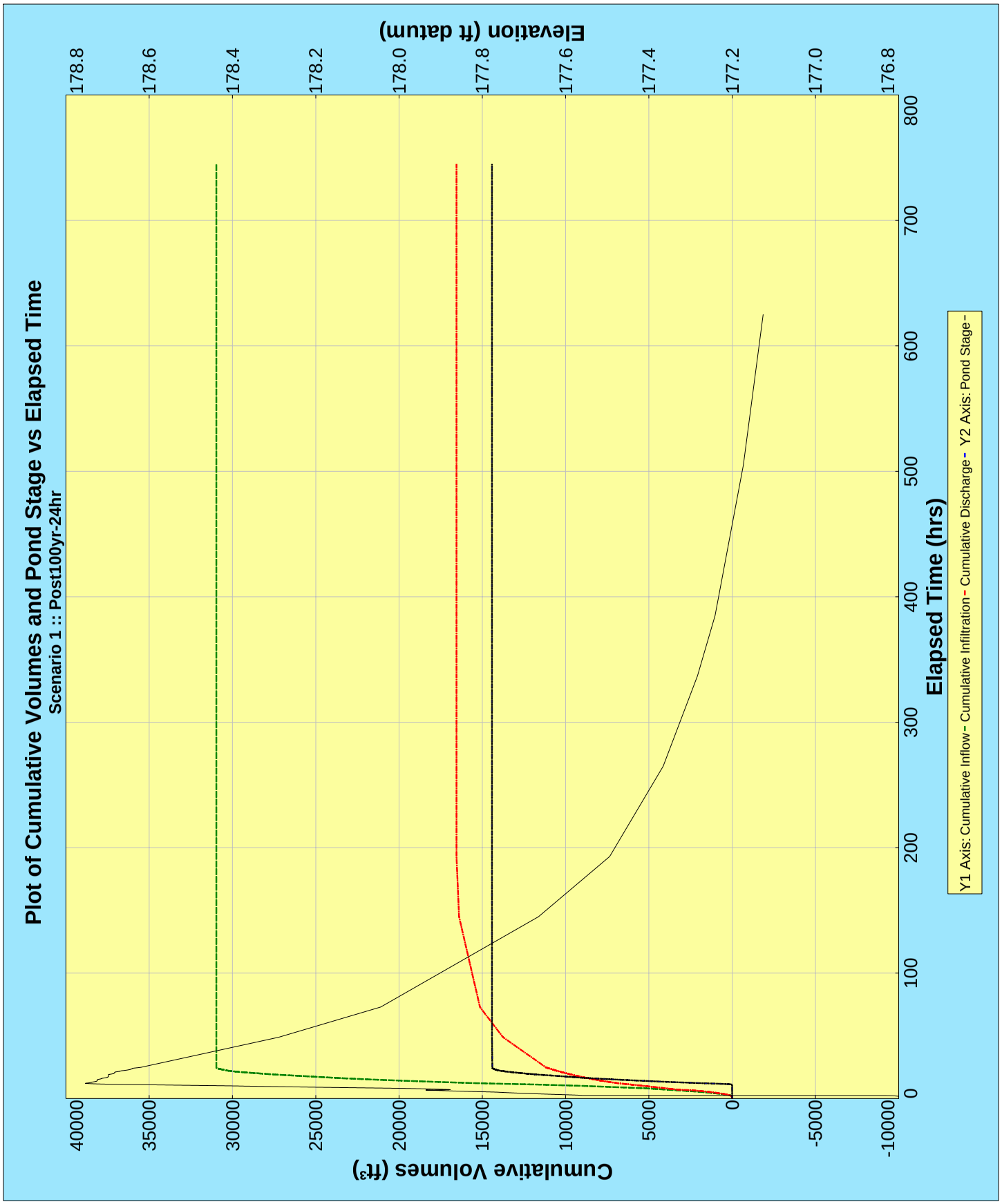
Scenarios Considered: 1 to 9

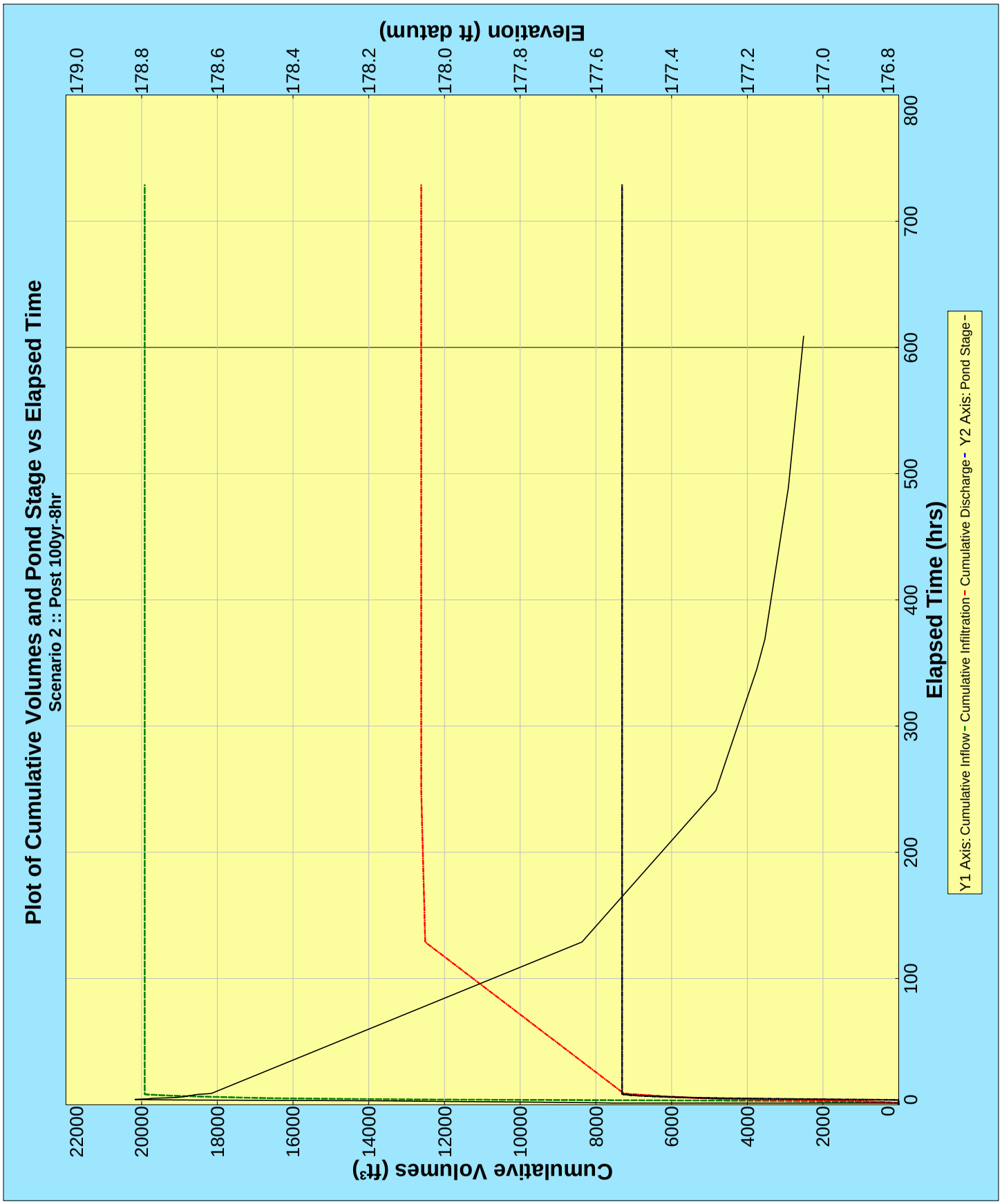
Stage - Maximum

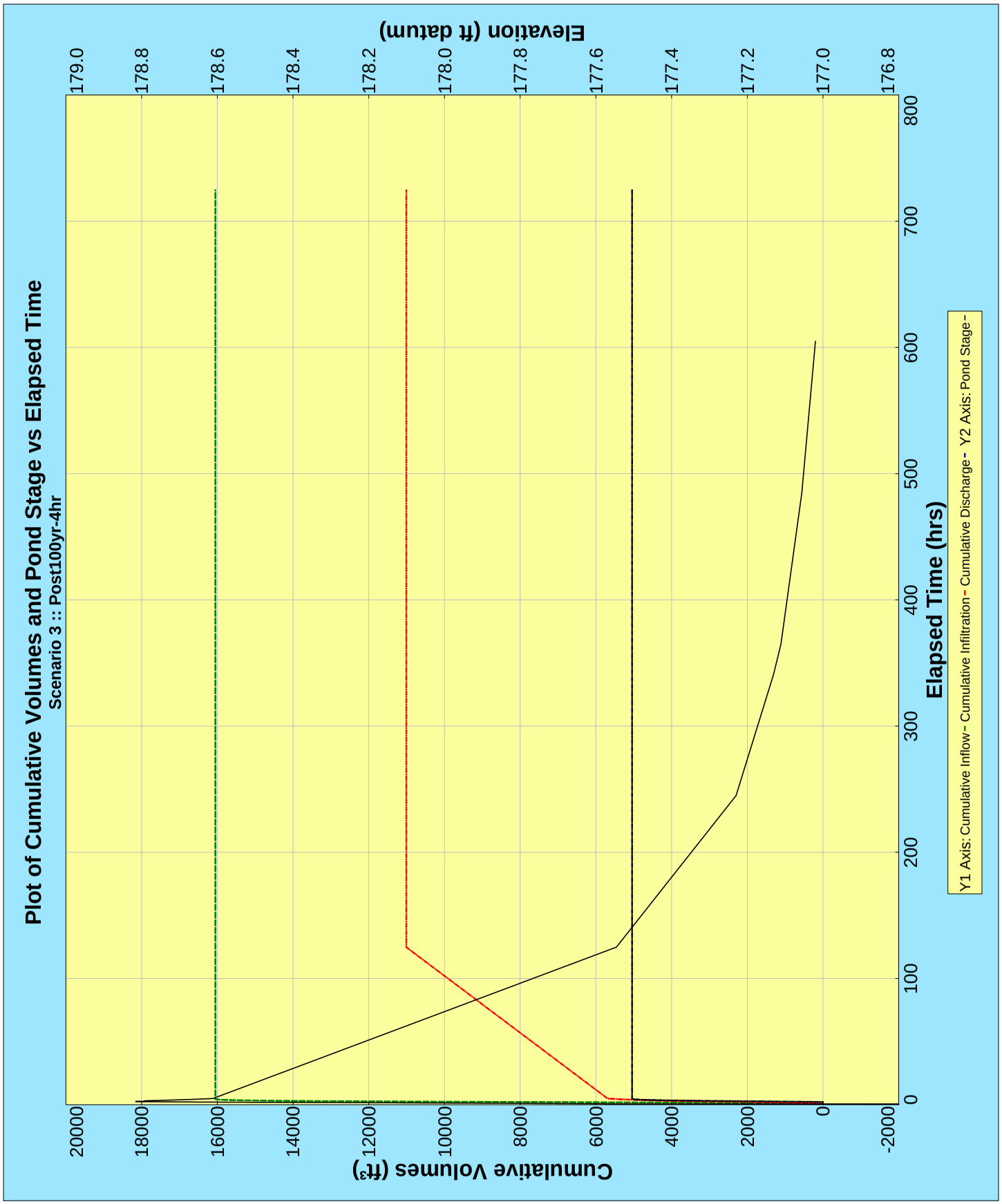
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	5	178.828	0.978	Post 100yr-1hr
2	2	178.818	4.200	Post 100yr-8hr
3	3	178.816	2.600	Post100yr-4hr
4	4	178.788	1.311	Post100yr-2hr
5	1	178.753	12.133	Post100yr-24hr
6	6	178.737	60.000	Post 100yr-3d
7	8	178.731	184.000	Post 100yr-10d
8	7	178.712	159.911	Post 100yr-7d
9	9	178.608	0.002	Treatment volume

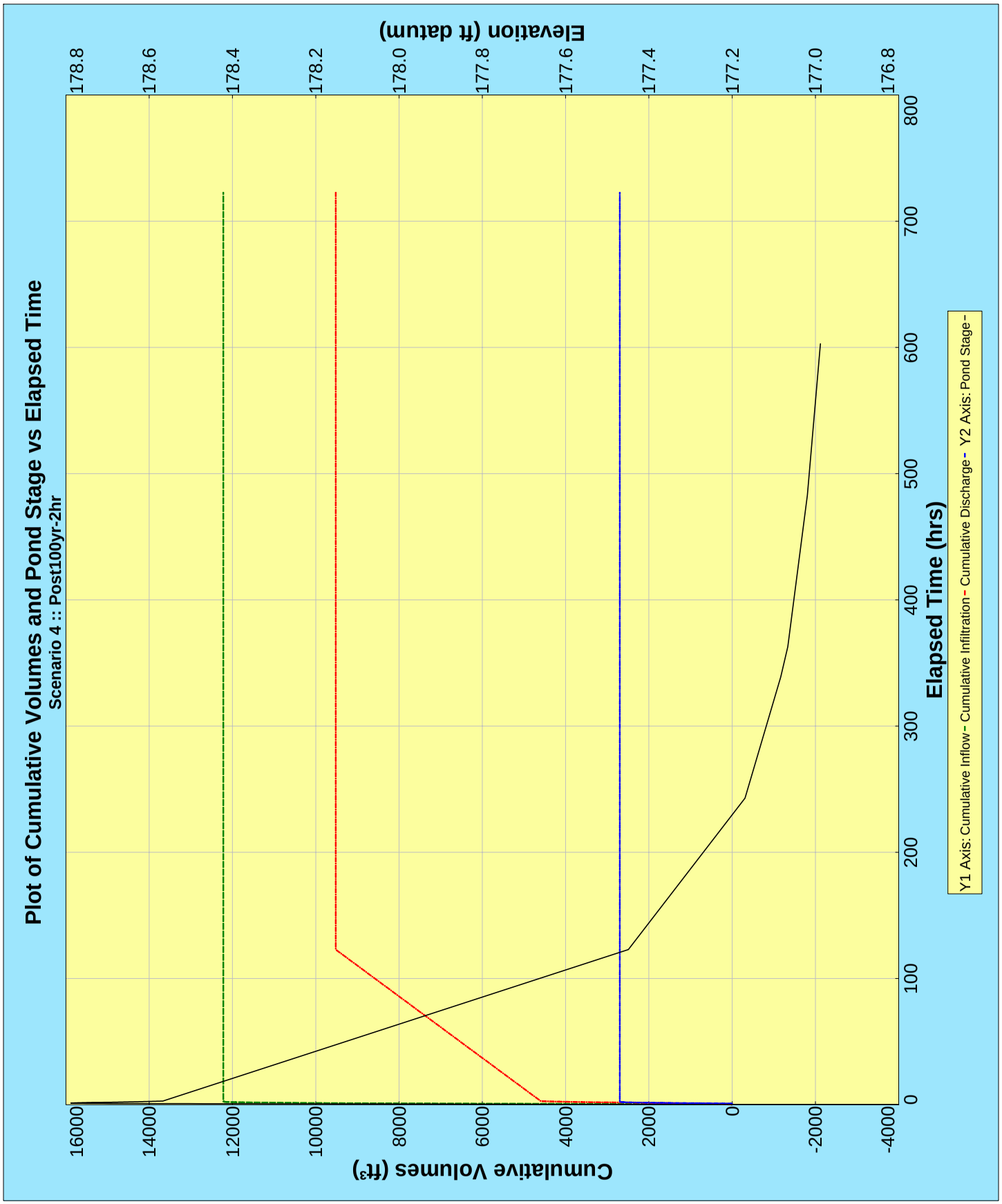
Discharge - Rate - Maximum Positive

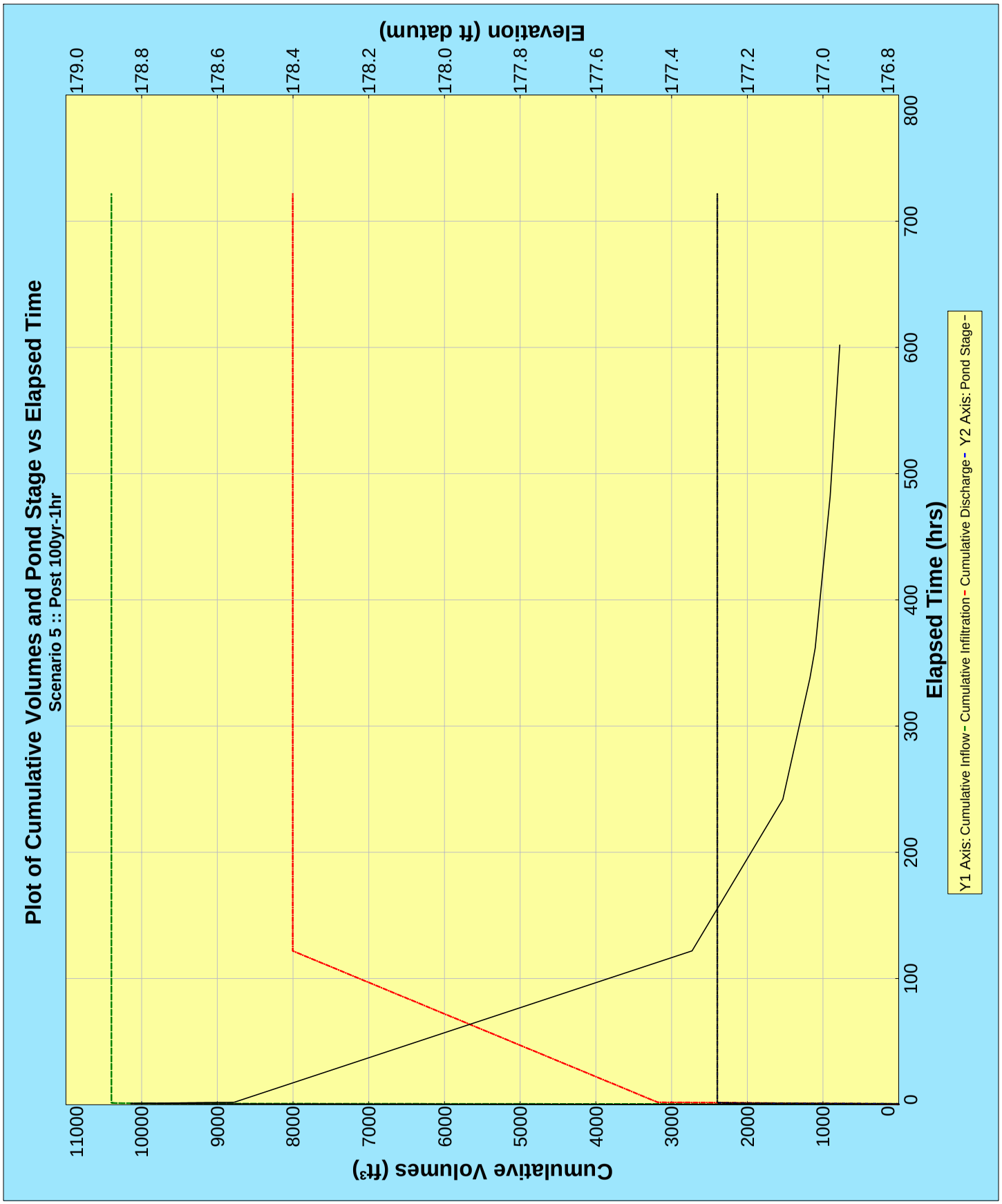
Rank	Scenario Number	Maximum Positive Discharge Rate (ft^3/s)	Time (hours)	Description
1	5	1.3593	0.978	Post 100yr-1hr
2	3	1.2384	2.600	Post100yr-4hr
3	2	1.1657	4.200	Post 100yr-8hr
4	4	0.9858	1.311	Post100yr-2hr
5	1	0.6478	12.133	Post100yr-24hr
6	6	0.5360	60.000	Post 100yr-3d
7	8	0.4905	184.000	Post 100yr-10d
8	7	0.3736	160.000	Post 100yr-7d
9	9	None	N.A.	Treatment volume

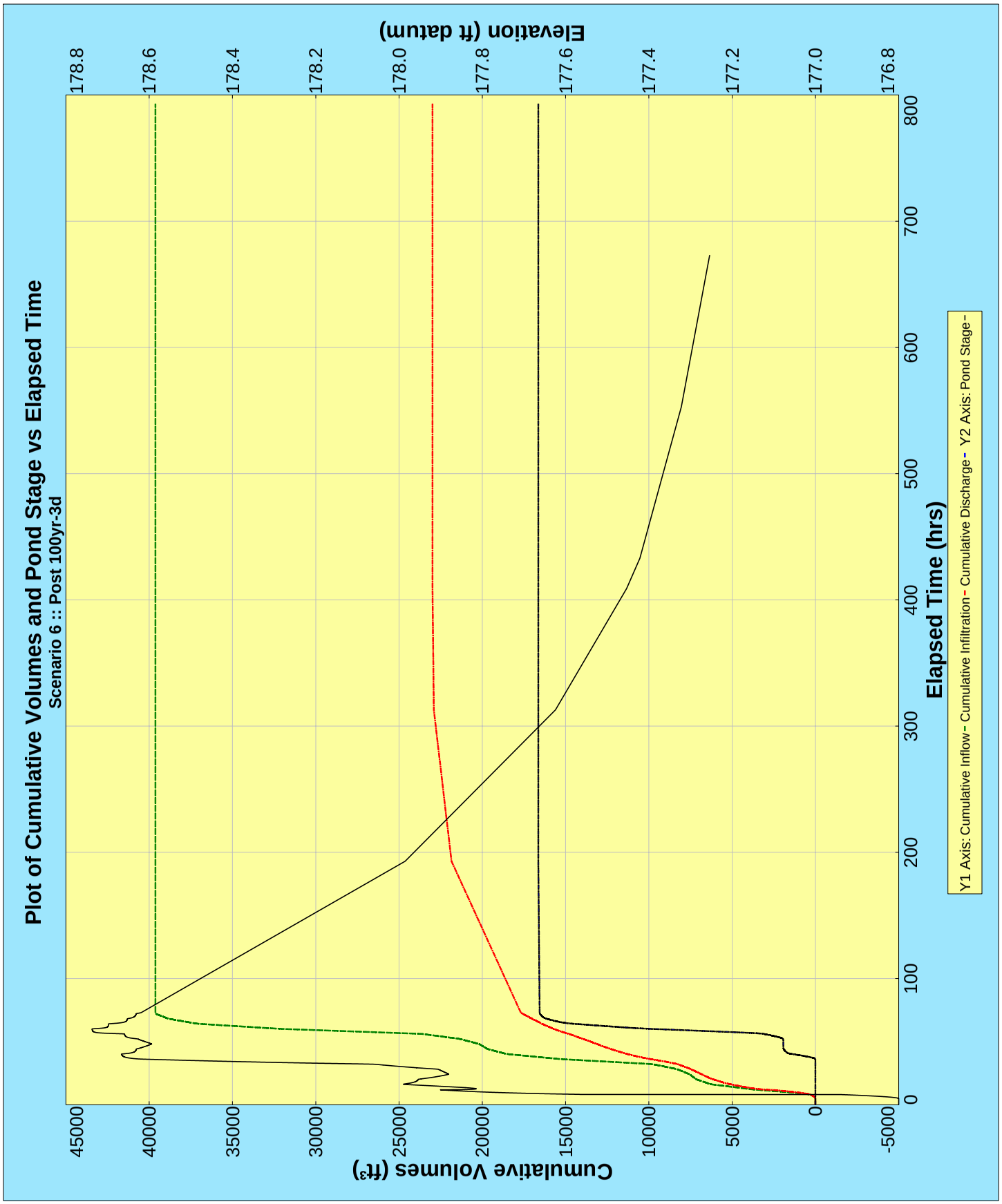

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 1 :: Post100yr-24hr
Elevation (ft datum)
178.8
178.6
178.4
178.2
178.0
177.8
177.6
177.4
177.2
177.0
176.8
Cumulative Volumes (ft³)
40000
35000
30000
25000
20000
15000
10000
5000
0
-5000
-10000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

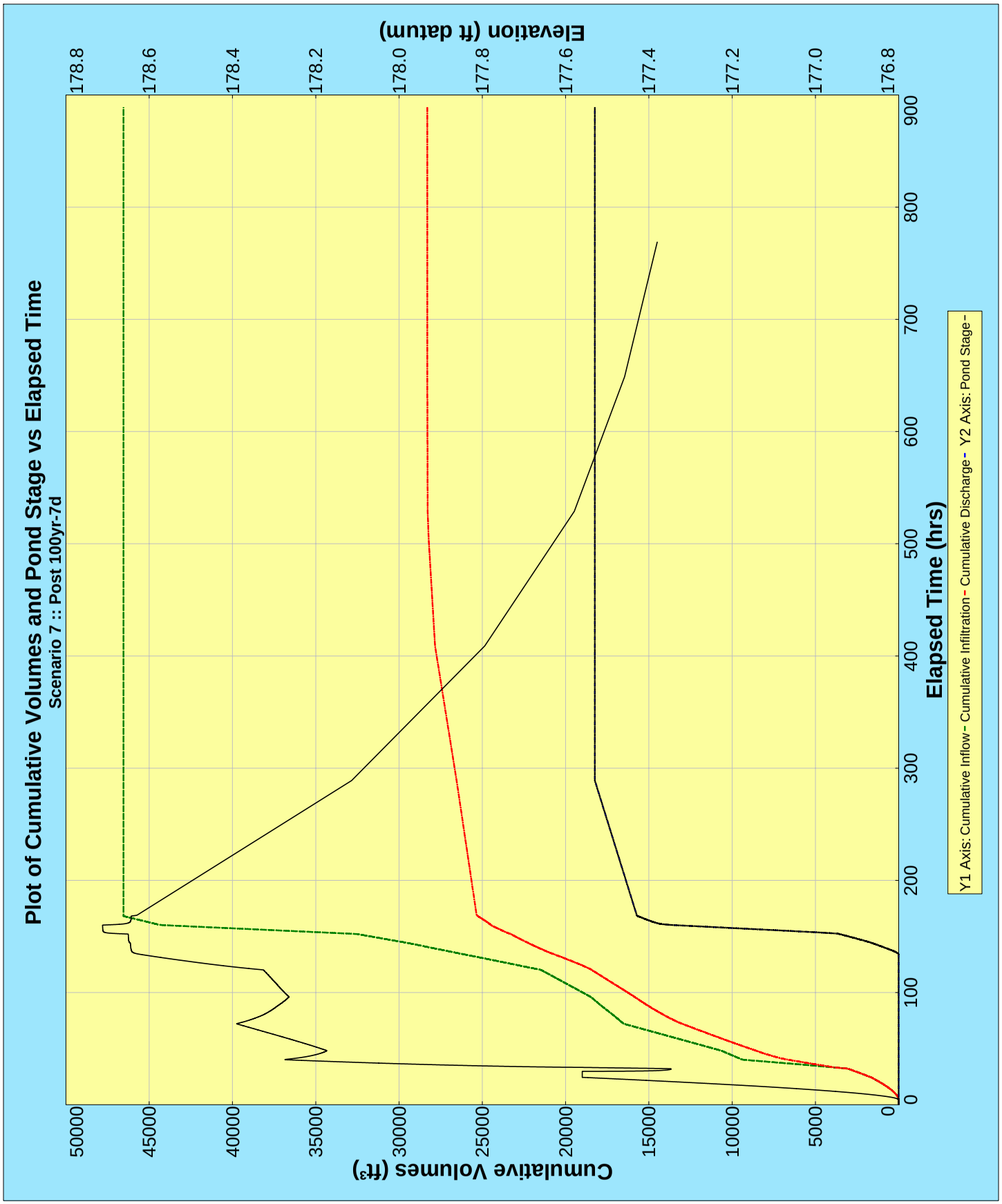

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 2 :: Post 100yr-8hr
Elevation (ft datum)
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
177.4
177.2
177.0
176.8
Cumulative Volumes (ft³)
22000
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

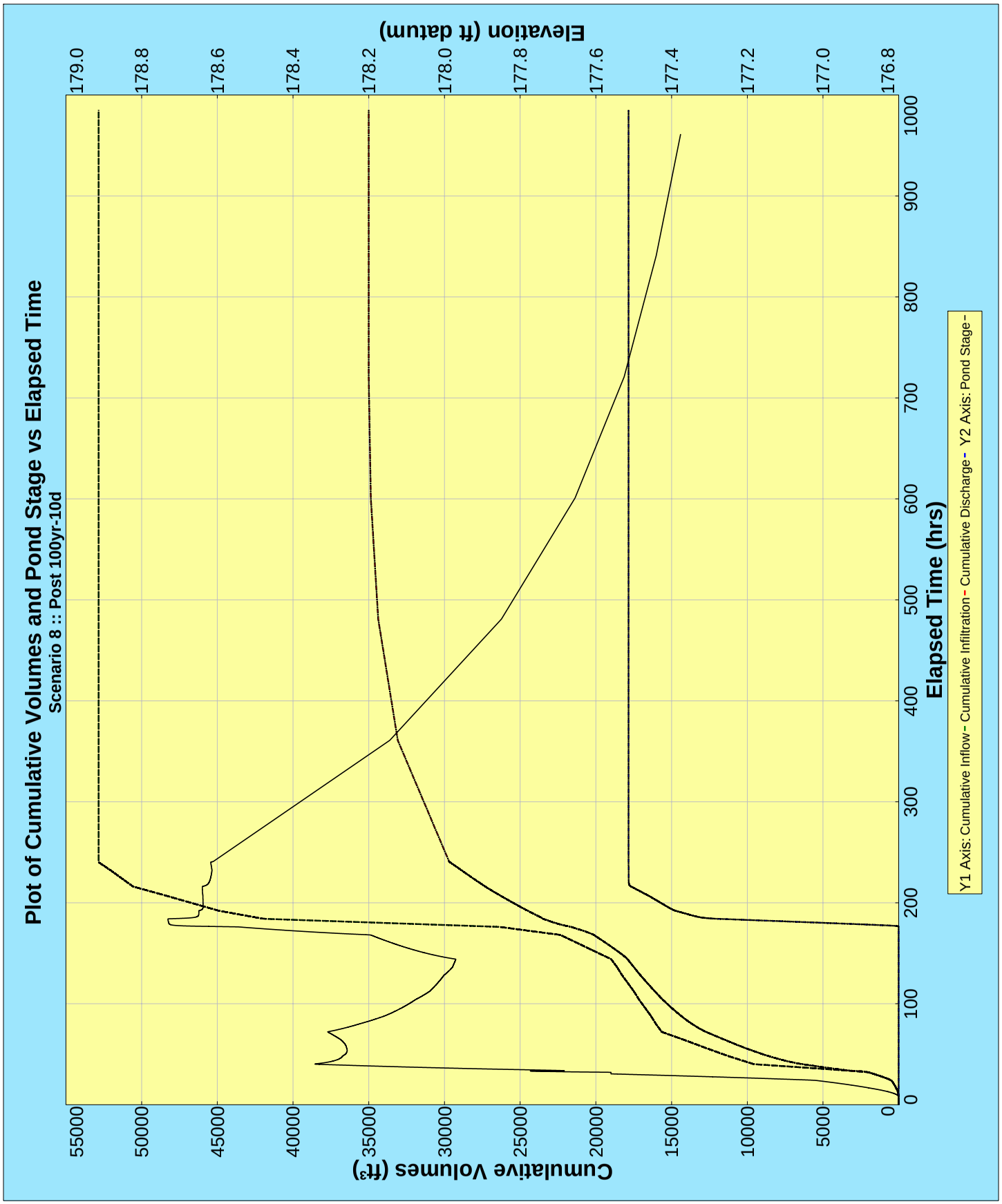

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 3 :: Post100yr-4hr
Elevation (ft datum)
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
177.4
177.2
177.0
176.8
Cumulative Volumes (ft³)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
-2000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

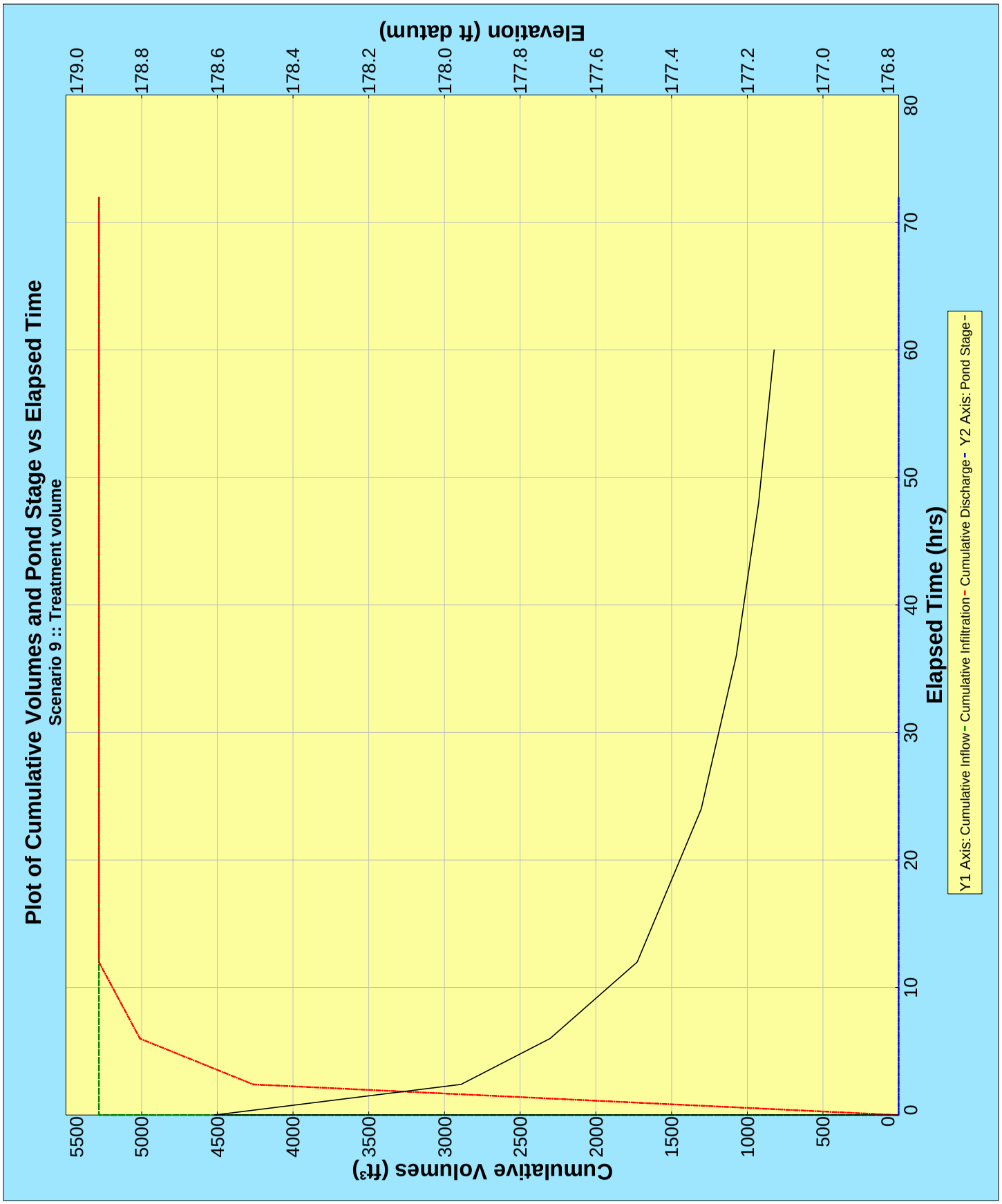

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 4 :: Post100yr-2hr
Elevation (ft datum)
178.8
178.6
178.4
178.2
178.0
177.8
177.6
177.4
177.2
177.0
176.8
Cumulative Volumes (ft³)
16000
14000
12000
10000
8000
6000
4000
2000
0
-2000
-4000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 5 :: Post 100yr-1hr
Elevation (ft datum)
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
177.4
177.2
177.0
176.8
Cumulative Volumes (ft³)
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 6 :: Post 100yr-3d
Elevation (ft datum)
178.8
178.6
178.4
178.2
178.0
177.8
177.6
177.4
177.2
177.0
176.8
Cumulative Volumes (ft³)
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
-5000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 7 :: Post 100yr-7d
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -
0
5000
10000
15000
20000
25000
30000
35000
40000
45000
50000
176.8
177.0
177.2
177.4
177.6
177.8
178.0
178.2
178.4
178.6
178.8
0
100
200
300
400
500
600
700
800
900


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 8 :: Post 100yr-10d
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 9 :: Treatment volume
Elevation (ft datum)
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
177.4
177.2
177.0
176.8
Cumulative Volumes (ft³)
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Elapsed Time (hrs)
0
10
20
30
40
50
60
70
80
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

PONDS Version 3.3.0229
Retention Pond Recovery - Refined Method
Copyright 2008
Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	GREC - Area 202
Simulation Description:	Dry Retention Basin
Project Number:	
Engineer :	Claudia S. Vega
Supervising Engineer:	Claudia S. Vega
Date:	01-22-2010

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	172.00
Water Table Elevation, [WT] (ft datum):	178.00
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	7.50
Fillable Porosity, [n] (%):	25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	14689.0

Geometry Data

Equivalent Pond Length, [L] (ft):	267.0
Equivalent Pond Width, [W] (ft):	55.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
180.00	12351.0
181.00	14689.0
182.00	17027.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	181.50
Weir coefficient:	2.861
Weir length, (ft):	1.5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 1 :: Post 100yr-24hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	2.092
Time Of Concentration (minutes)	16.0
DCIA (%)	0.0
Curve Number	81.8
Design Rainfall Depth (inches)	11.0
Design Rainfall Duration (hours)	24.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 24 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
1.000	15.000
5.000	20.000
10.000	25.000
12.000	30.000
14.000	

Scenario 2 :: Post 100yr-8hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	2.092
Time Of Concentration (minutes)	16.0
DCIA (%)	0.0
Curve Number	81.8
Design Rainfall Depth (inches)	7.5
Design Rainfall Duration (hours)	8.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 8 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	2.092
Time Of Concentration (minutes)	16.0
DCIA (%)	0.0
Curve Number	81.8
Design Rainfall Depth (inches)	6.3
Design Rainfall Duration (hours)	4.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 4 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	2.092
Time Of Concentration (minutes)	16.0
DCIA (%)	0.0
Curve Number	81.8
Design Rainfall Depth (inches)	5.0
Design Rainfall Duration (hours)	2.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 2 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	2.092
Time Of Concentration (minutes)	16.0
DCIA (%)	0.0
Curve Number	81.8
Design Rainfall Depth (inches)	4.4
Design Rainfall Duration (hours)	1.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 1 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	2.092
Time Of Concentration (minutes)	16.0
DCIA (%)	0.0
Curve Number	81.8
Design Rainfall Depth (inches)	13.8
Design Rainfall Duration (hours)	72.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 72 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	2.092
Time Of Concentration (minutes)	16.0
DCIA (%)	0.0
Curve Number	81.8
Design Rainfall Depth (inches)	16.0
Design Rainfall Duration (hours)	168.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 168 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	2.092
Time Of Concentration (minutes)	16.0
DCIA (%)	0.0
Curve Number	81.8
Design Rainfall Depth (inches)	18.0
Design Rainfall Duration (hours)	240.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 240 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft^3) 15185

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

Sort-By-Category Report

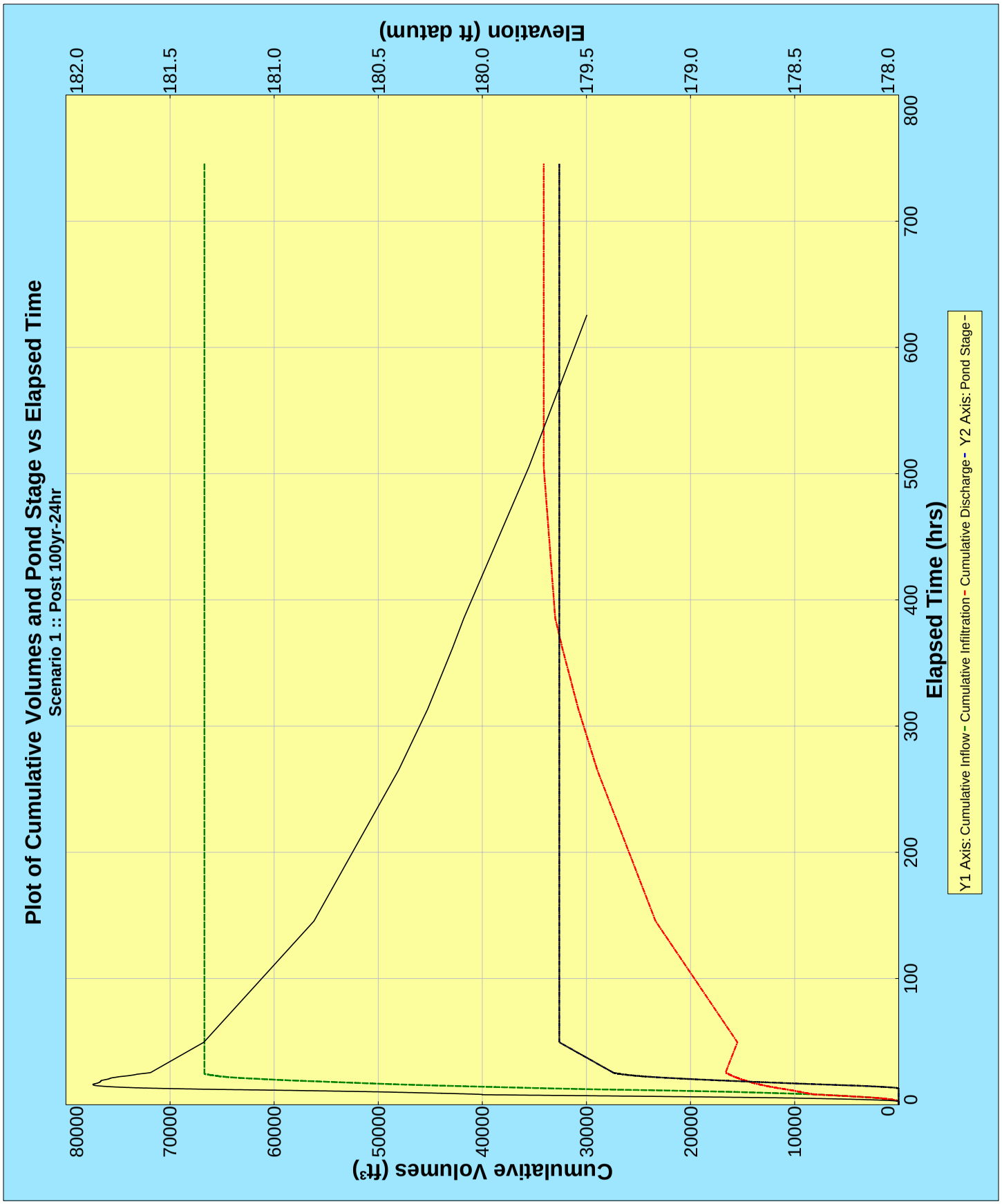
Scenarios Considered: 1 to 9

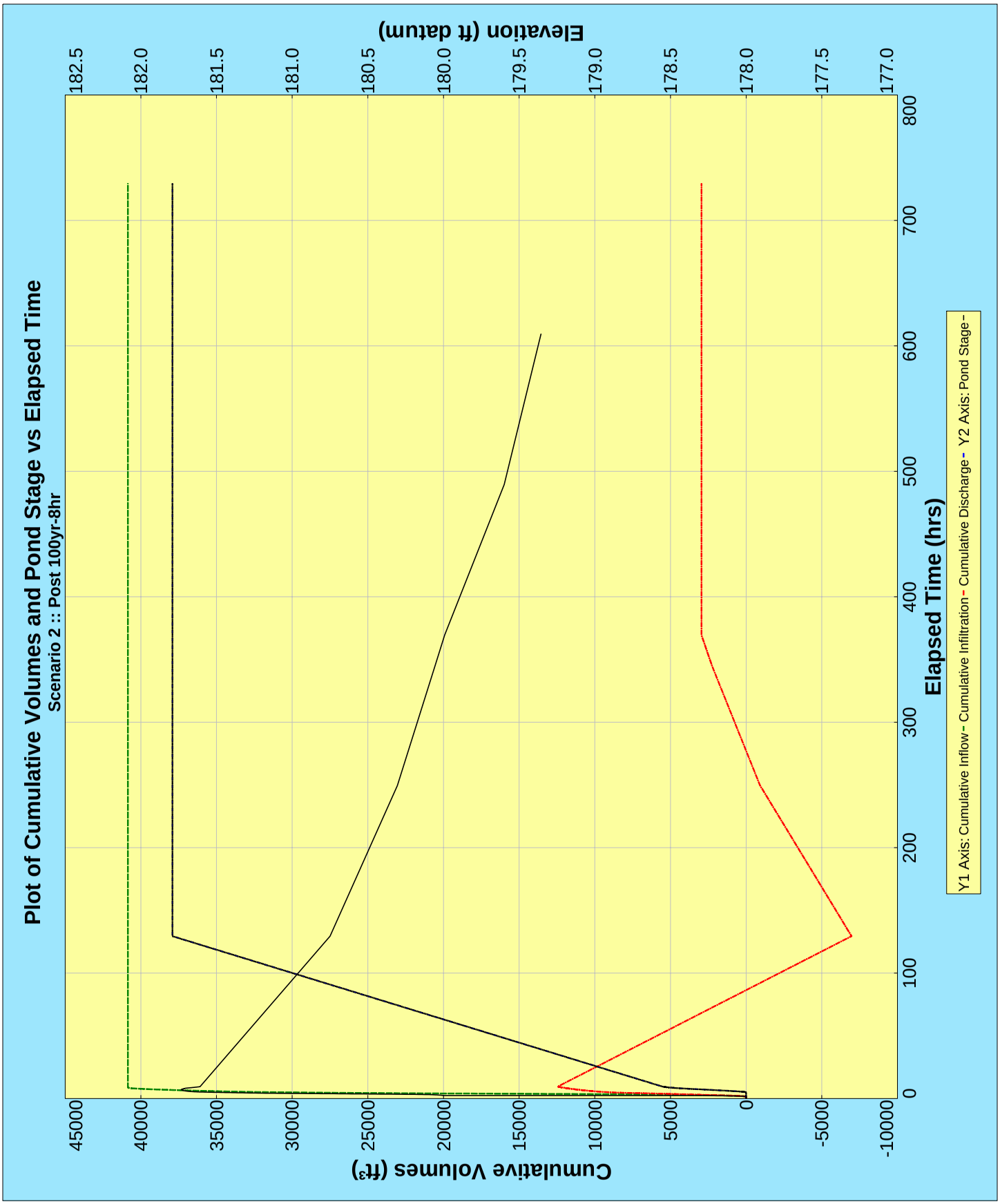
Stage - Maximum

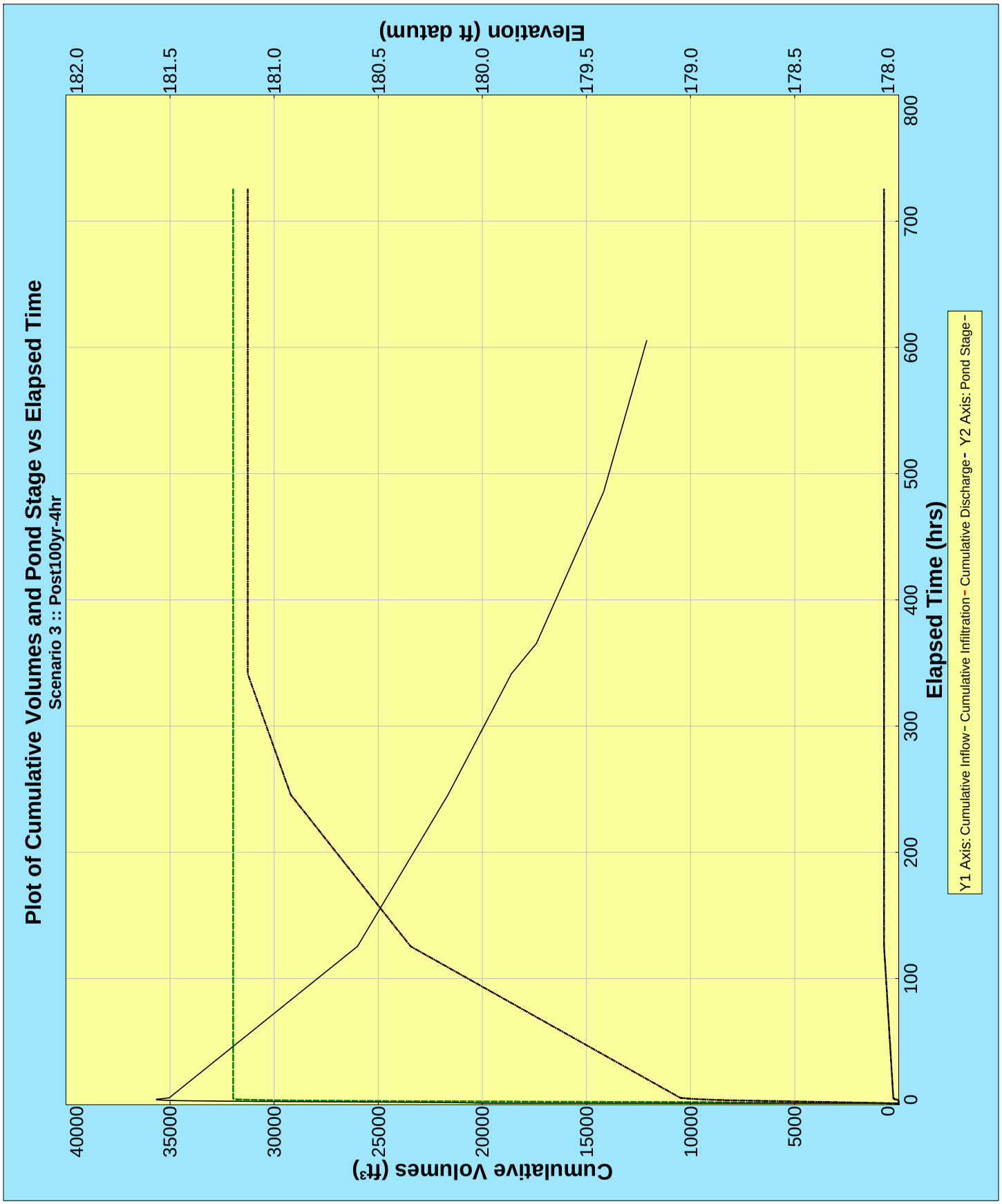
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	6	181.945	60.089	Post 100yr-3d
2	8	181.940	184.036	Post 100yr-10d
3	1	181.871	16.107	Post 100yr-24hr
4	7	181.861	160.036	Post 100yr-7d
5	2	181.733	7.147	Post 100yr-8hr
6	3	181.566	4.160	Post100yr-4hr
7	4	181.211	2.169	Post100yr-2hr
8	9	181.112	0.002	Treatment volume
9	5	181.098	1.493	Post 100yr-1hr

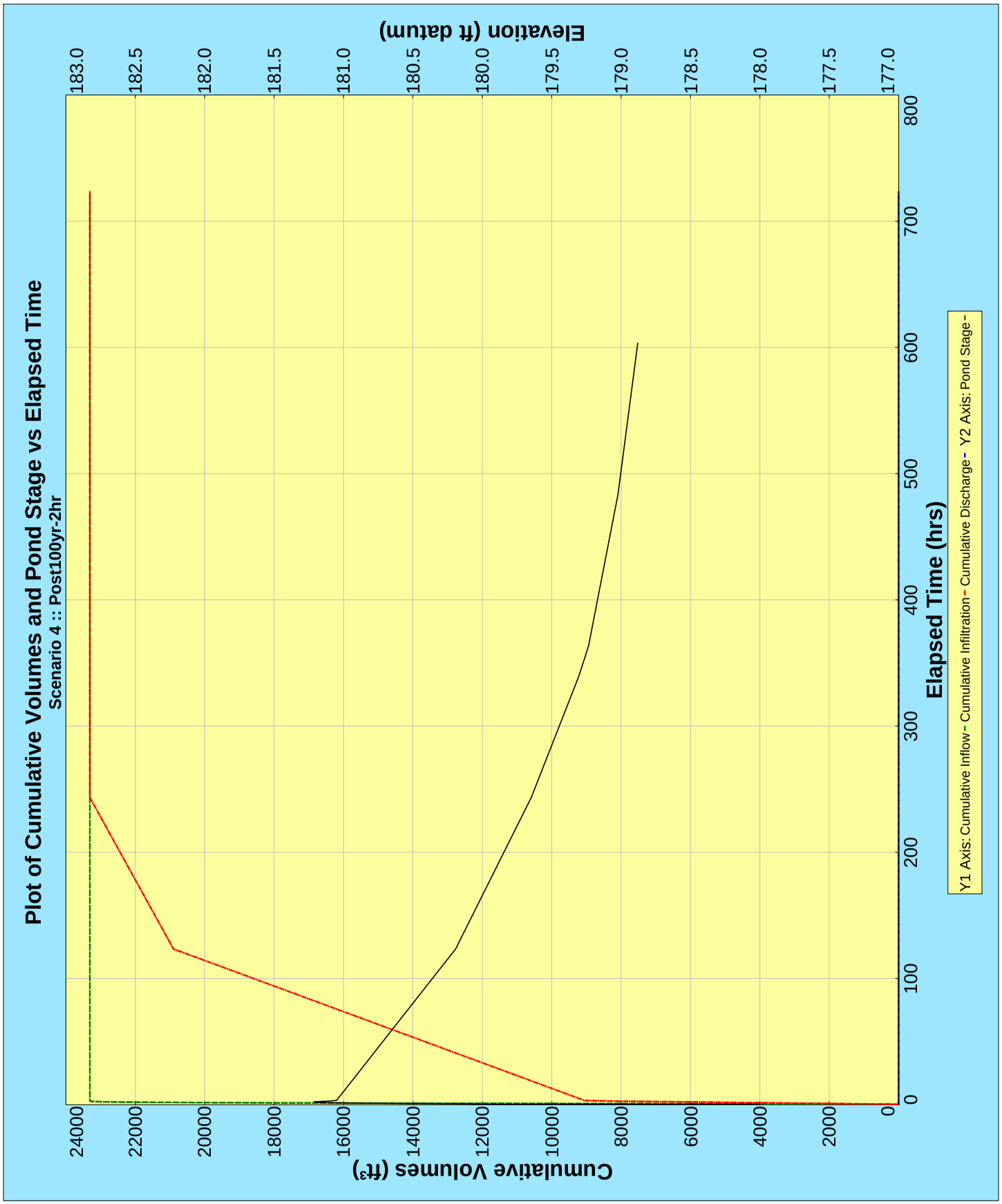
Discharge - Rate - Maximum Positive

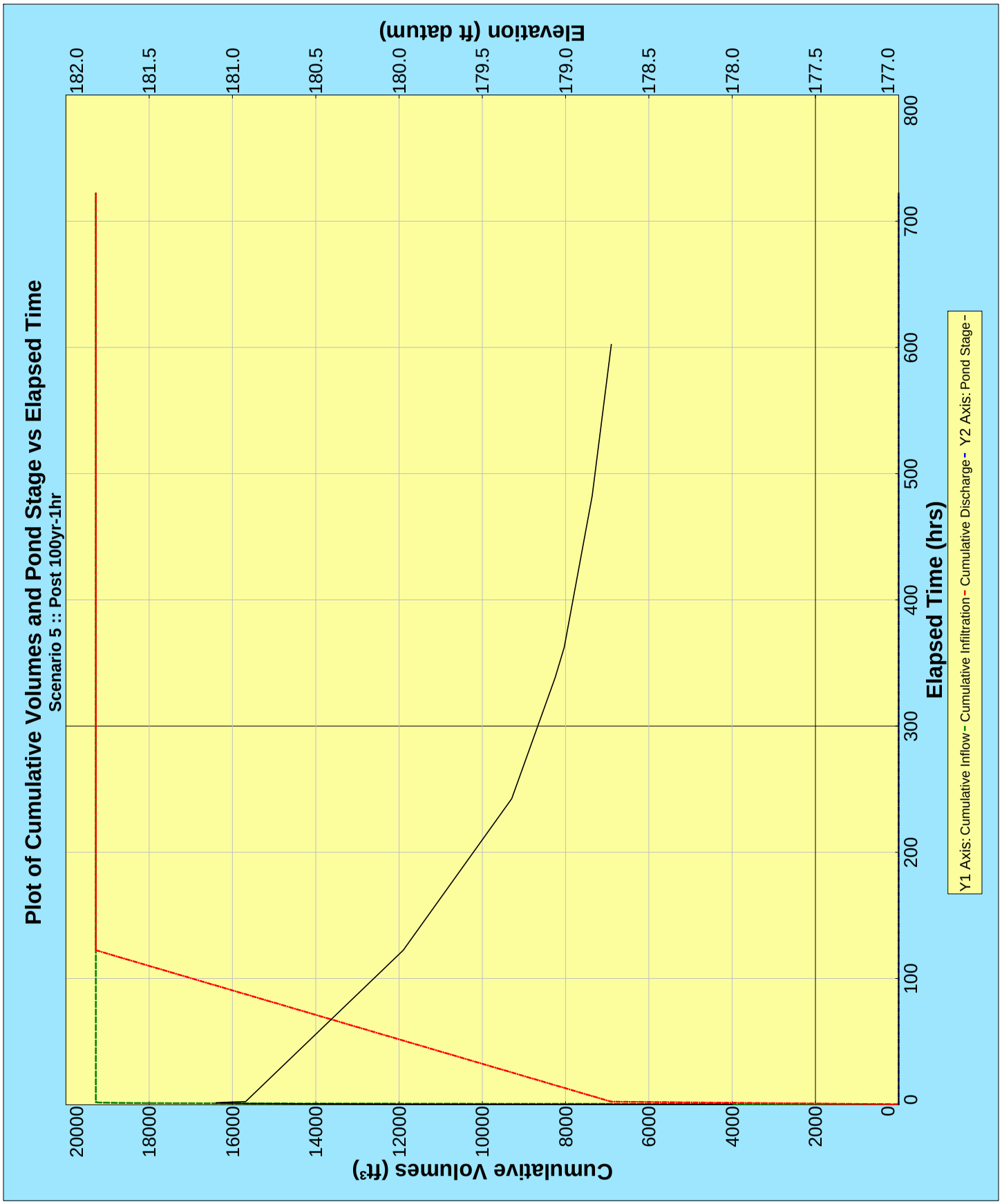
Rank	Scenario Number	Maximum Positive Discharge Rate (ft^3/s)	Time (hours)	Description
1	6	1.2687	60.089	Post 100yr-3d
2	8	1.2277	184.036	Post 100yr-10d
3	1	0.9485	16.107	Post 100yr-24hr
4	7	0.9280	160.036	Post 100yr-7d
5	2	0.4700	7.147	Post 100yr-8hr
6	3	0.0681	4.160	Post100yr-4hr
7	4	None	N.A.	Post100yr-2hr
8	5	None	N.A.	Post 100yr-1hr
9	9	None	N.A.	Treatment volume

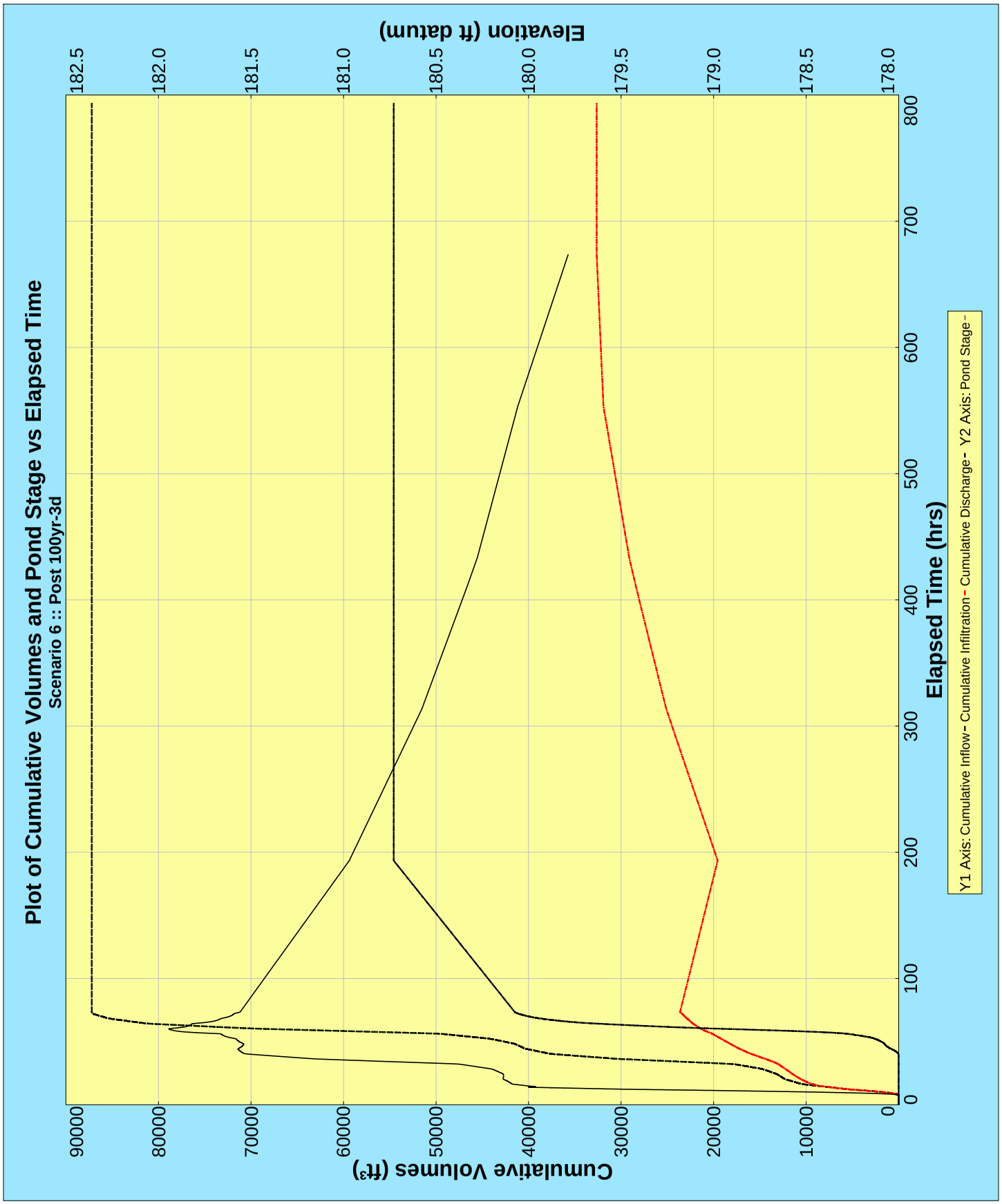

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 1 :: Post 100yr-24hr
Elevation (ft datum)
182.0
181.5
181.0
180.5
180.0
179.5
179.0
178.5
178.0
Cumulative Volumes (ft³)
80000
70000
60000
50000
40000
30000
20000
10000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

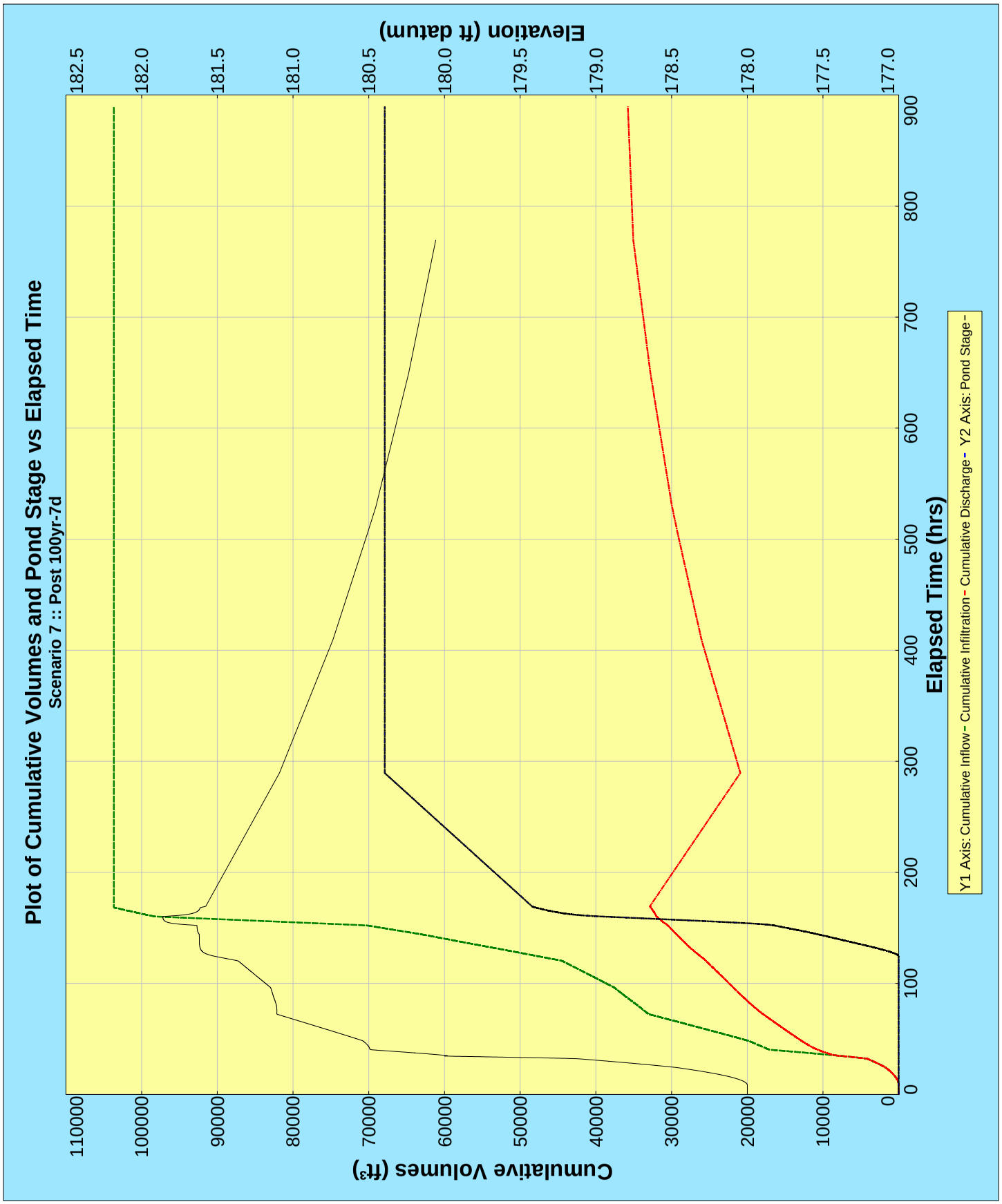

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 2 :: Post 100yr-8hr
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
-5000
-10000
182.5
182.0
181.5
181.0
180.5
180.0
179.5
179.0
178.5
178.0
177.5
177.0
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

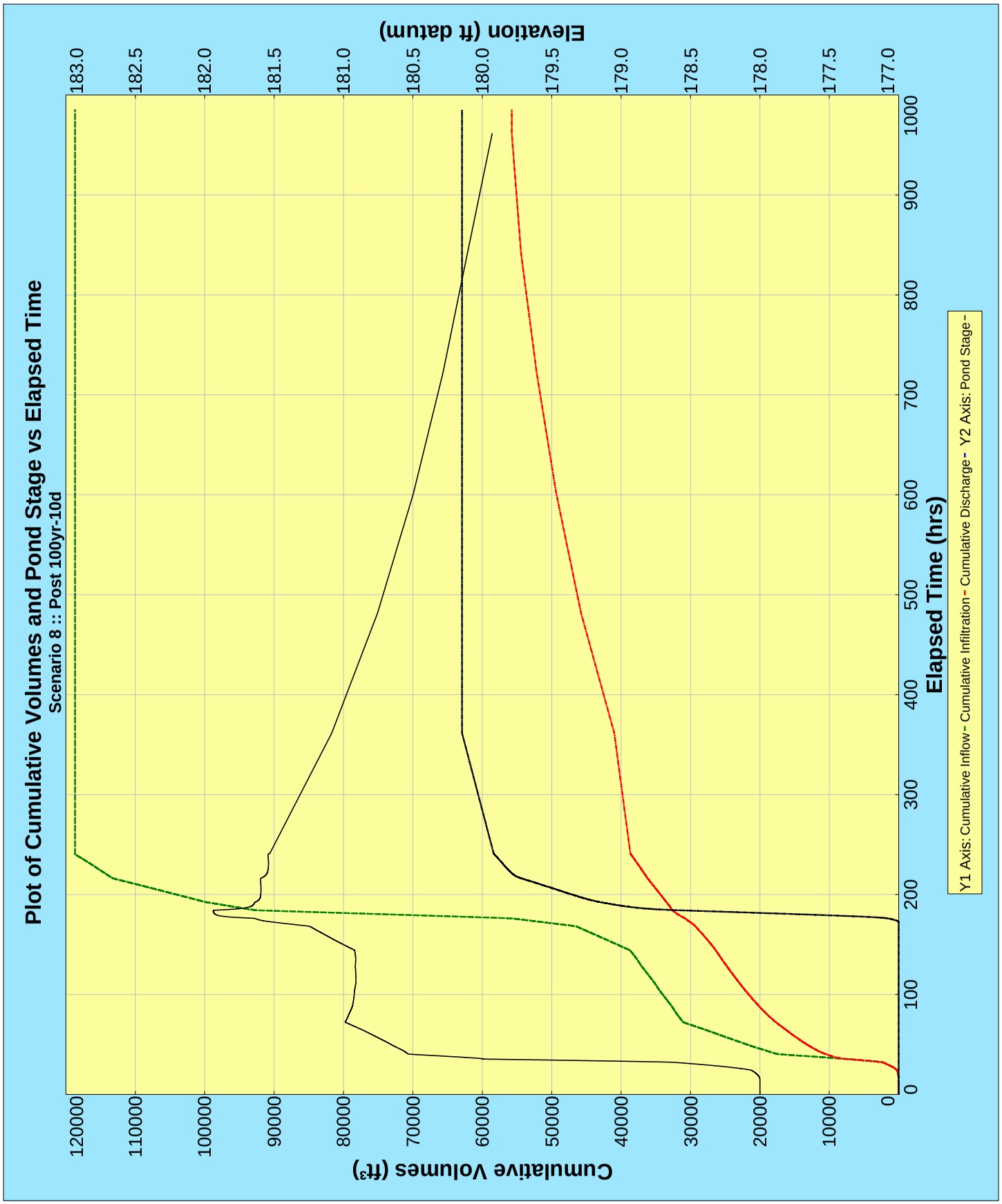

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 3 :: Post100yr-4hr
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -
0
5000
10000
15000
20000
25000
30000
35000
40000
178.0
178.5
179.0
179.5
180.0
180.5
181.0
181.5
182.0
0
100
200
300
400
500
600
700
800

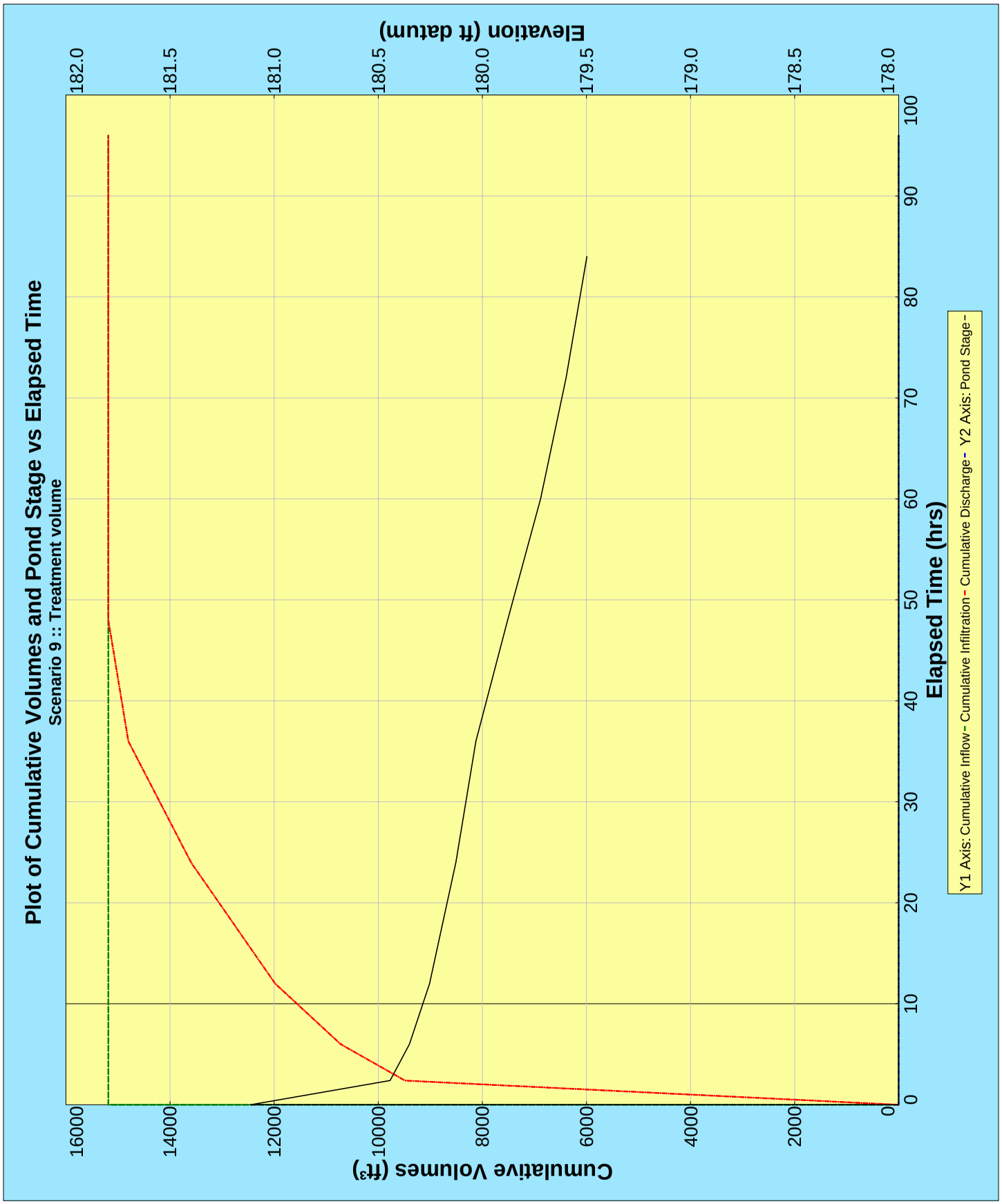

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 4 :: Post100yr-2hr
Elevation (ft datum)
183.0
182.5
182.0
181.5
181.0
180.5
180.0
179.5
179.0
178.5
178.0
177.5
177.0
Cumulative Volumes (ft³)
24000
22000
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 5 :: Post 100yr-1hr
Elevation (ft datum)
182.0
181.5
181.0
180.5
180.0
179.5
179.0
178.5
178.0
177.5
177.0
Cumulative Volumes (ft³)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 6 :: Post 100yr-3d
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -
0
10000
20000
30000
40000
50000
60000
70000
80000
90000
178.0
178.5
179.0
179.5
180.0
180.5
181.0
181.5
182.0
182.5
0
100
200
300
400
500
600
700
800


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 7 :: Post 100yr-7d
Elevation (ft datum)
182.5
182.0
181.5
181.0
180.5
180.0
179.5
179.0
178.5
178.0
177.5
177.0
Cumulative Volumes (ft³)
110000
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 8 :: Post 100yr-10d
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 9 :: Treatment volume
Elevation (ft datum)
182.0
181.5
181.0
180.5
180.0
179.5
179.0
178.5
178.0
Cumulative Volumes (ft³)
16000
14000
12000
10000
8000
6000
4000
2000
0
Elapsed Time (hrs)
0
10
20
30
40
50
60
70
80
90
100
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

==========
==== Basins ==========
==========

Name: Area10 Node: Ditch 10 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 60.00
Area(ac): 29.142 Time Shift(hrs): 0.00
Curve Number: 63.40 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area100 Node: Basin100 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 20.00
Area(ac): 15.376 Time Shift(hrs): 0.00
Curve Number: 90.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area101 Node: Basin101 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 18.00
Area(ac): 16.816 Time Shift(hrs): 0.00
Curve Number: 89.60 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area102 Node: Basin102 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 18.00
Area(ac): 17.658 Time Shift(hrs): 0.00
Curve Number: 93.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area103 Node: POST-WET-A1 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 23.00
Area(ac): 1.942 Time Shift(hrs): 0.00
Curve Number: 76.70 Max Allowable Q(cfs): 999999.000

DCIA(%): 0.00

Name: Area104 Node: Ditch 104 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 23.00
Area(ac): 2.015 Time Shift(hrs): 0.00
Curve Number: 64.40 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area105 Node: POST-WET-A1 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 36.00
Area(ac): 11.726 Time Shift(hrs): 0.00
Curve Number: 87.90 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area106 Node: POST-WET-A2 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 41.00
Area(ac): 13.460 Time Shift(hrs): 0.00
Curve Number: 77.10 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area108 Node: Node108 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 10.00
Area(ac): 0.868 Time Shift(hrs): 0.00
Curve Number: 89.90 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area109 Node: Node109 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 32.00
Area(ac): 1.637 Time Shift(hrs): 0.00
Curve Number: 55.70 Max Allowable Q(cfs): 999999.000

DCIA(%): 0.00

Name: Area11 Node: WET-A1 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 16.00
Area(ac): 3.435 Time Shift(hrs): 0.00
Curve Number: 76.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area110 Node: POST-WET-A2 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 28.00
Area(ac): 0.977 Time Shift(hrs): 0.00
Curve Number: 64.70 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area12 Node: WET-A1 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 40.00
Area(ac): 16.427 Time Shift(hrs): 0.00
Curve Number: 82.70 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area13 Node: Ditch 13 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 23.00
Area(ac): 2.015 Time Shift(hrs): 0.00
Curve Number: 64.40 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area14 Node: WET-A2 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 49.00
Area(ac): 19.802 Time Shift(hrs): 0.00
Curve Number: 72.60 Max Allowable Q(cfs): 999999.000

DCIA(%): 0.00

Name: Area15 Node: WET-A2 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 31.00
Area(ac): 3.399 Time Shift(hrs): 0.00
Curve Number: 57.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area20 Node: Ditch 20 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 55.00
Area(ac): 14.469 Time Shift(hrs): 0.00
Curve Number: 56.70 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area200 Node: Ditch200 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 10.00
Area(ac): 5.587 Time Shift(hrs): 0.00
Curve Number: 59.40 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area201 Node: POST-WET-B Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 31.00
Area(ac): 11.975 Time Shift(hrs): 0.00
Curve Number: 67.10 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area202 Node: Node202 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 16.00
Area(ac): 2.092 Time Shift(hrs): 0.00
Curve Number: 81.80 Max Allowable Q(cfs): 999999.000

DCIA(%): 0.00

Name: Area21 Node: WET-B Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 31.00
Area(ac): 11.401 Time Shift(hrs): 0.00
Curve Number: 67.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

==========
==== Nodes ==========
==========

Name: Basin100 Base Flow(cfs): 0.000 Init Stage(ft): 180.750
Group: BASE Warn Stage(ft): 183.250
Type: Stage/Area

Stage(ft)	Area(ac)
180.750	4.1170
181.000	4.1570
182.000	4.3130
183.000	4.4700
183.250	4.5100

Name: Basin101 Base Flow(cfs): 0.000 Init Stage(ft): 180.250
Group: BASE Warn Stage(ft): 182.750
Type: Stage/Area

Stage(ft)	Area(ac)
180.250	4.1600
181.000	4.2880
182.000	4.4600
182.750	4.5880

Name: Basin102 Base Flow(cfs): 0.000 Init Stage(ft): 178.000
Group: BASE Warn Stage(ft): 181.000
Type: Stage/Area

Stage(ft)	Area(ac)
178.000	4.8030
179.000	4.9620
180.000	5.1250
181.000	5.2810

Name: bdry Base Flow(cfs): 0.000 Init Stage(ft): 175.000

Group: BASE Warn Stage(ft): 176.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	175.000
360.00	175.500

Name: bdry-4 Base Flow(cfs): 0.000 Init Stage(ft): 175.000
Group: BASE Warn Stage(ft): 176.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	175.000
360.00	175.500

Name: Ditch 10 Base Flow(cfs): 0.000 Init Stage(ft): 176.320
Group: BASE Warn Stage(ft): 179.500
Type: Stage/Area

Stage(ft)	Area(ac)
176.320	0.0010
177.000	0.0030
178.000	0.1280
179.000	0.6980

Name: Ditch 104 Base Flow(cfs): 0.000 Init Stage(ft): 177.000
Group: BASE Warn Stage(ft): 178.000
Type: Stage/Area

Stage(ft)	Area(ac)
177.000	0.0350
177.520	0.2170
178.000	0.3860

Name: Ditch 13 Base Flow(cfs): 0.000 Init Stage(ft): 177.000
Group: BASE Warn Stage(ft): 178.000
Type: Stage/Area

Stage(ft)	Area(ac)
177.000	0.0350
177.520	0.2170
178.000	0.3860

Name: Ditch 20 Base Flow(cfs): 0.000 Init Stage(ft): 180.000
Group: BASE Warn Stage(ft): 182.300

Type: Stage/Area

Stage(ft)	Area(ac)
180.000	0.1040
181.000	0.3090
182.000	0.5500
182.250	0.5940

Name: Ditch200 Base Flow(cfs): 0.000 Init Stage(ft): 180.000
Group: BASE Warn Stage(ft): 182.250
Type: Stage/Area

Stage(ft)	Area(ac)
180.000	0.1040
181.000	0.3090
182.000	0.5500
182.250	0.5940

Name: Node108 Base Flow(cfs): 0.000 Init Stage(ft): 177.560
Group: BASE Warn Stage(ft): 179.560
Type: Stage/Area

Stage(ft)	Area(ac)
177.560	0.0250
178.000	0.1010
179.000	0.2750
179.560	0.3720

Name: Node109 Base Flow(cfs): 0.000 Init Stage(ft): 177.850
Group: BASE Warn Stage(ft): 179.500
Type: Stage/Area

Stage(ft)	Area(ac)
177.850	0.0150
178.000	0.0270

Name: Node202 Base Flow(cfs): 0.000 Init Stage(ft): 180.000
Group: BASE Warn Stage(ft): 182.000
Type: Stage/Area

Stage(ft)	Area(ac)
180.000	0.2840
181.000	0.3370
182.000	0.3910

Name: POST-WET-A1 Base Flow(cfs): 0.000 Init Stage(ft): 175.000
Group: BASE Warn Stage(ft): 177.500
Type: Stage/Area

Stage(ft)	Area(ac)
175.000	0.2630
176.000	1.1780
176.750	3.0120
177.000	4.9770
177.400	6.3600

Name: POST-WET-A2 Base Flow(cfs): 0.000 Init Stage(ft): 175.000
Group: BASE Warn Stage(ft): 177.000
Type: Stage/Area

Stage(ft)	Area(ac)
175.000	0.1690
176.000	2.3320
176.750	5.8030

Name: POST-WET-B Base Flow(cfs): 0.000 Init Stage(ft): 178.000
Group: BASE Warn Stage(ft): 179.630
Type: Stage/Area

Stage(ft)	Area(ac)
178.000	0.8250
179.000	3.0800
179.630	4.9860

Name: WET-A1 Base Flow(cfs): 0.000 Init Stage(ft): 175.000
Group: BASE Warn Stage(ft): 177.500
Type: Stage/Area

Stage(ft)	Area(ac)
175.000	0.2630
176.000	1.1780
176.750	3.0120
177.000	4.9770
177.400	6.3600

Name: WET-A2 Base Flow(cfs): 0.000 Init Stage(ft): 175.000
Group: BASE Warn Stage(ft): 177.000
Type: Stage/Area

Stage(ft)	Area(ac)
175.000	0.1690

176.000	2.3320
176.750	5.8030

Name: WET-B Base Flow(cfs): 0.000 Init Stage(ft): 178.000
Group: BASE Warn Stage(ft): 179.630
Type: Stage/Area

Stage(ft)	Area(ac)
178.000	0.8250
179.000	3.0800
179.630	4.9860

Operating Tables

Name: Group: BASE
Type: Bottom Clip
Function: Time vs. Depth of Clip

Time(hrs)	Clip Depth(in)

Pipes

Name: Pipe 20 From Node: Ditch 20 Length(ft): 31.00
Group: BASE To Node: WET-B Count: 1
Friction Equation: Automatic
Solution Algorithm: Automatic
Flow: Both
Entrance Loss Coef: 0.00
Exit Loss Coef: 1.00
Bend Loss Coef: 0.00
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	24.00	24.00
Rise(in):	24.00	24.00
Invert(ft):	179.580	179.070
Manning's N:	0.013000	0.013000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: Pipe 200 From Node: Ditch200 Length(ft): 31.00
Group: BASE To Node: POST-WET-B Count: 1
Friction Equation: Automatic
Solution Algorithm: Automatic
Flow: Both
Entrance Loss Coef: 0.00
Exit Loss Coef: 1.00
Bend Loss Coef: 0.00
Outlet Ctrl Spec: Use dc or tw

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	24.00	24.00
Rise(in):	24.00	24.00
Invert(ft):	179.580	179.070
Manning's N:	0.013000	0.013000

Top Clip(in):	0.000	0.000	Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	Pipe10	From Node:	Ditch 10	Length(ft):	35.00
Group:	BASE	To Node:	WET-A1	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	15.00	15.00		Entrance Loss Coef:	0.00
Rise(in):	15.00	15.00		Exit Loss Coef:	1.00
Invert(ft):	176.320	176.220		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	Pipe109	From Node:	Node109	Length(ft):	92.00
Group:	BASE	To Node:	POST-WET-A2	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Automatic
Geometry:	Circular	Circular		Flow:	Positive
Span(in):	18.00	18.00		Entrance Loss Coef:	0.50
Rise(in):	18.00	18.00		Exit Loss Coef:	1.00
Invert(ft):	177.850	177.370		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

==========
==== Weirs ==========
==========

Name:	orifice100	From Node:	Basin100
Group:	BASE	To Node:	Basin101

```
         Flow: Both                    Count: 3
         Type: Vertical: Fread      Geometry: Circular

                    Span(in): 3.50
                    Rise(in): 3.50
                  Invert(ft): 180.750
       Control Elevation(ft): 180.750
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------
         Name: orifice101          From Node: Basin101
        Group: BASE                  To Node: Basin102
         Flow: Both                    Count: 3
         Type: Vertical: Fread      Geometry: Circular

                    Span(in): 3.50
                    Rise(in): 3.50
                  Invert(ft): 180.250
       Control Elevation(ft): 180.250
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------
         Name: orifice102          From Node: Basin102
        Group: BASE                  To Node: POST-WET-A1
         Flow: Both                    Count: 3
         Type: Vertical: Fread      Geometry: Circular

                    Span(in): 3.67
                    Rise(in): 3.67
                  Invert(ft): 178.000
       Control Elevation(ft): 178.000
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------
         Name: post-weir-105       From Node: POST-WET-A1
        Group: BASE                  To Node: POST-WET-A2
         Flow: Both                    Count: 1
         Type: Vertical: Gravel     Geometry: Parabolic

                  Top Width(ft): 30.00
               Corres Depth(ft): 0.50
                    Invert(ft): 176.650
       Control Elevation(ft): 176.650
      Struct Opening Dim(ft): 9999.00
                                          TABLE
             Bottom Clip(ft): 0.000
                Top Clip(ft): 0.000
```

```
         Weir Discharge Coef: 3.200
       Orifice Discharge Coef: 0.600


-------------------------------------------------------------------------------------------------
         Name: Post-Weir-106       From Node: POST-WET-A2
        Group: BASE                  To Node: bdry-4
         Flow: Both                    Count: 1
         Type: Vertical: Gravel     Geometry: Parabolic

               Top Width(ft): 315.00
          Corres Depth(ft): 0.50
                Invert(ft): 176.250
       Control Elevation(ft): 176.250
      Struct Opening Dim(ft): 9999.00
                                       TABLE
             Bottom Clip(ft): 0.000
                Top Clip(ft): 0.000
         Weir Discharge Coef: 3.200
       Orifice Discharge Coef: 0.600


-------------------------------------------------------------------------------------------------
         Name: Post-Weir-bdry      From Node: POST-WET-B
        Group: BASE                  To Node: POST-WET-A2
         Flow: Both                    Count: 1
         Type: Vertical: Gravel     Geometry: Parabolic

               Top Width(ft): 115.00
          Corres Depth(ft): 0.40
                Invert(ft): 179.230
       Control Elevation(ft): 179.230
      Struct Opening Dim(ft): 9999.00
                                       TABLE
             Bottom Clip(ft): 0.000
                Top Clip(ft): 0.000
         Weir Discharge Coef: 3.200
       Orifice Discharge Coef: 0.600


-------------------------------------------------------------------------------------------------
         Name: weir 10             From Node: Ditch 10
        Group: BASE                  To Node: WET-A1
         Flow: Both                    Count: 1
         Type: Vertical: Gravel     Geometry: Parabolic

               Top Width(ft): 84.00
          Corres Depth(ft): 0.66
                Invert(ft): 178.340
       Control Elevation(ft): 178.340
      Struct Opening Dim(ft): 9999.00
                                       TABLE
             Bottom Clip(ft): 0.000
                Top Clip(ft): 0.000
         Weir Discharge Coef: 3.200
       Orifice Discharge Coef: 0.600


-------------------------------------------------------------------------------------------------
         Name: Weir-104            From Node: Ditch 104
        Group: BASE                  To Node: POST-WET-A1
```

```
         Flow: Both                    Count: 1
         Type: Vertical: Gravel     Geometry: Parabolic

               Top Width(ft): 324.00
            Corres Depth(ft): 0.50
                  Invert(ft): 177.520
       Control Elevation(ft): 177.520
      Struct Opening Dim(ft): 9999.00
                                        TABLE
             Bottom Clip(ft): 0.000
                Top Clip(ft): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------
         Name: weir-12             From Node: WET-A1
        Group: BASE                  To Node: WET-A2
         Flow: Both                    Count: 1
         Type: Vertical: Gravel     Geometry: Parabolic

               Top Width(ft): 30.00
            Corres Depth(ft): 0.50
                  Invert(ft): 176.650
       Control Elevation(ft): 176.650
      Struct Opening Dim(ft): 9999.00
                                        TABLE
             Bottom Clip(ft): 0.000
                Top Clip(ft): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------
         Name: Weir-13             From Node: Ditch 13
        Group: BASE                  To Node: WET-A1
         Flow: Both                    Count: 1
         Type: Vertical: Gravel     Geometry: Parabolic

               Top Width(ft): 324.00
            Corres Depth(ft): 0.50
                  Invert(ft): 177.520
       Control Elevation(ft): 177.520
      Struct Opening Dim(ft): 9999.00
                                        TABLE
             Bottom Clip(ft): 0.000
                Top Clip(ft): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------
         Name: Weir-14             From Node: WET-A2
        Group: BASE                  To Node: bdry
         Flow: Both                    Count: 1
         Type: Vertical: Gravel     Geometry: Parabolic

               Top Width(ft): 315.00
            Corres Depth(ft): 0.50
                  Invert(ft): 176.250
       Control Elevation(ft): 176.250
      Struct Opening Dim(ft): 9999.00
```

```
                                          TABLE
            Bottom Clip(ft): 0.000
               Top Clip(ft): 0.000
          Weir Discharge Coef: 3.200
       Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------------
         Name: weir-20             From Node: Ditch 20
        Group: BASE                  To Node: WET-B
         Flow: Both                    Count: 1
         Type: Vertical: Gravel     Geometry: Parabolic

              Top Width(ft): 29.00
           Corres Depth(ft): 0.25
                 Invert(ft): 182.000
       Control Elevation(ft): 182.000
      Struct Opening Dim(ft): 9999.00
                                          TABLE
            Bottom Clip(ft): 0.000
               Top Clip(ft): 0.000
          Weir Discharge Coef: 3.200
       Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------------
         Name: weir-200            From Node: Ditch200
        Group: BASE                  To Node: POST-WET-B
         Flow: Both                    Count: 1
         Type: Vertical: Gravel     Geometry: Parabolic

              Top Width(ft): 29.00
           Corres Depth(ft): 0.25
                 Invert(ft): 182.000
       Control Elevation(ft): 182.000
      Struct Opening Dim(ft): 9999.00
                                          TABLE
            Bottom Clip(ft): 0.000
               Top Clip(ft): 0.000
          Weir Discharge Coef: 3.200
       Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------------
         Name: Weir-bdry           From Node: WET-B
        Group: BASE                  To Node: WET-A2
         Flow: Both                    Count: 1
         Type: Vertical: Gravel     Geometry: Parabolic

              Top Width(ft): 115.00
           Corres Depth(ft): 0.40
                 Invert(ft): 179.260
       Control Elevation(ft): 179.260
      Struct Opening Dim(ft): 9999.00
                                          TABLE
            Bottom Clip(ft): 0.000
               Top Clip(ft): 0.000
          Weir Discharge Coef: 3.200
       Orifice Discharge Coef: 0.600
```

```
---------------------------------------------------------------------------------------------------
         Name: weir100             From Node: Basin100
        Group: BASE                  To Node: Basin101
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 14.00
                    Rise(in): 12.00
                  Invert(ft): 182.250
       Control Elevation(ft): 182.250
                                         TABLE
              Bottom Clip(in): 0.000
                 Top Clip(in): 0.000
        Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



---------------------------------------------------------------------------------------------------
         Name: weir101             From Node: Basin101
        Group: BASE                  To Node: Basin102
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 30.00
                    Rise(in): 14.00
                  Invert(ft): 181.583
       Control Elevation(ft): 181.583
                                         TABLE
              Bottom Clip(in): 0.000
                 Top Clip(in): 0.000
        Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



---------------------------------------------------------------------------------------------------
         Name: weir102             From Node: Basin102
        Group: BASE                  To Node: POST-WET-A1
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 36.00
                    Rise(in): 14.00
                  Invert(ft): 179.583
       Control Elevation(ft): 179.583
                                         TABLE
              Bottom Clip(in): 0.000
                 Top Clip(in): 0.000
        Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



---------------------------------------------------------------------------------------------------
         Name: Weir108             From Node: Node108
        Group: BASE                  To Node: POST-WET-A2
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 60.00
                    Rise(in): 12.00
                  Invert(ft): 178.620
       Control Elevation(ft): 178.620
                                         TABLE
```

```
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
          Weir Discharge Coef: 3.200
       Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------
         Name: Weir202             From Node: Node202
        Group: BASE                  To Node: POST-WET-B
         Flow: Positive                Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 18.00
                    Rise(in): 6.00
                  Invert(ft): 181.500
       Control Elevation(ft): 181.500
                                         TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
          Weir Discharge Coef: 3.200
       Orifice Discharge Coef: 0.600



=================================================================================================
==== Hydrology Simulations =====================================================================
=================================================================================================

         Name: 100yr-10d
     Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-10d.R32

       Override Defaults: Yes
    Storm Duration(hrs): 240.00
          Rainfall File: Fdot-240
    Rainfall Amount(in): 18.00

Time(hrs)       Print Inc(min)
--------------- ---------------
960.000         30.00

-------------------------------------------------------------------------------------------------
         Name: 100yr-1hr
     Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-1hr.R32

       Override Defaults: Yes
    Storm Duration(hrs): 1.00
          Rainfall File: Fdot-1
    Rainfall Amount(in): 4.40

Time(hrs)       Print Inc(min)
--------------- ---------------
720.000         30.00

-------------------------------------------------------------------------------------------------
         Name: 100yr-24hr
     Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-24hr.R32

       Override Defaults: Yes
    Storm Duration(hrs): 24.00
          Rainfall File: Fdot-24
    Rainfall Amount(in): 11.04

Time(hrs)       Print Inc(min)
--------------- ---------------
```

744.000 30.00

Name: 100yr-2hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-2hr.R32

Override Defaults: Yes
Storm Duration(hrs): 2.00
Rainfall File: Fdot-2
Rainfall Amount(in): 5.00

Time(hrs)	Print Inc(min)
720.000	30.00

Name: 100yr-3d
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-3d.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: Fdot-72
Rainfall Amount(in): 13.80

Time(hrs)	Print Inc(min)
792.000	30.00

Name: 100yr-4hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-4hr.R32

Override Defaults: Yes
Storm Duration(hrs): 4.00
Rainfall File: Fdot-4
Rainfall Amount(in): 6.25

Time(hrs)	Print Inc(min)
720.000	30.00

Name: 100yr-7d
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-7d.R32

Override Defaults: Yes
Storm Duration(hrs): 168.00
Rainfall File: Fdot-168
Rainfall Amount(in): 16.00

Time(hrs)	Print Inc(min)
888.000	30.00

Name: 100yr-8hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-8hr.R32

Override Defaults: Yes
Storm Duration(hrs): 8.00
Rainfall File: Fdot-8
Rainfall Amount(in): 7.50

Time(hrs)	Print Inc(min)

720.000 30.00

==========
==== Routing Simulations ==========
==========

Name: 100yr-10d Hydrology Sim: 100yr-10d
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-10d.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 960.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-10

Time(hrs)	Print Inc(min)
960.000	30.000

Group	Run
BASE	Yes

Name: 100yr-1hr Hydrology Sim: 100yr-1hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-1hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 720.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-1

Time(hrs)	Print Inc(min)
720.000	30.000

Group	Run
BASE	Yes

Name: 100yr-24hr Hydrology Sim: 100yr-24hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-24hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 744.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-24

Time(hrs)	Print Inc(min)
744.000	30.000

Group	Run
BASE	Yes

Name: 100yr-2hr Hydrology Sim: 100yr-2hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-2hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 720.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-2

Time(hrs)	Print Inc(min)
720.000	30.000

Group	Run
BASE	Yes

Name: 100yr-3d Hydrology Sim: 100yr-3d
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-3d.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 720.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-3

Time(hrs)	Print Inc(min)
792.000	30.000

Group	Run
BASE	Yes

Name: 100yr-4hr Hydrology Sim: 100yr-4hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-4hr.I32

Execute: Yes Restart: No Patch: No

Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 720.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-4

Time(hrs)	Print Inc(min)
720.000	30.000

Group	Run
BASE	Yes

Name: 100yr-7d Hydrology Sim: 100yr-7d
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-7d.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 888.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-7

Time(hrs)	Print Inc(min)
888.000	30.000

Group	Run
BASE	Yes

Name: 100yr-8hr Hydrology Sim: 100yr-8hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-8hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 720.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-8

Time(hrs)	Print Inc(min)
720.000	30.000

Group	Run
BASE	Yes

==========
==== Boundary Conditions ==========
==========

Name: Hyd-10 Node: Node202 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.029	0.000
0.058	0.000
0.087	0.000
0.116	0.000
0.144	0.000
0.173	0.000
0.202	0.000
0.231	0.000
0.260	0.000
0.289	0.000
0.318	0.000
0.347	0.000
0.376	0.000
0.404	0.000
0.433	0.000
0.462	0.000
0.491	0.000
0.520	0.000
0.549	0.000
0.578	0.000
0.607	0.000
0.636	0.000
0.664	0.000
0.693	0.000
0.722	0.000
0.751	0.000
0.780	0.000
0.809	0.000
0.838	0.000
0.867	0.000
0.896	0.000
0.924	0.000
0.953	0.000
0.982	0.000
1.011	0.000
1.040	0.000
1.069	0.000
1.098	0.000
1.127	0.000
1.156	-0.000
1.184	-0.000
1.213	-0.001
1.242	-0.002
1.271	-0.006
1.300	-0.011
1.329	-0.019
1.358	-0.029
1.387	-0.041
1.416	-0.055
1.444	-0.069
1.473	-0.084
1.502	-0.100
1.531	-0.116
1.560	-0.132

1.589	-0.148
1.618	-0.164
1.647	-0.181
1.676	-0.197
1.704	-0.212
1.733	-0.228
1.762	-0.243
1.791	-0.258
1.820	-0.273
1.849	-0.288
1.878	-0.302
1.907	-0.315
1.936	-0.329
1.964	-0.342
1.993	-0.355
2.022	-0.369
2.051	-0.387
2.080	-0.399
2.109	-0.402
2.138	-0.402
2.167	-0.402
2.196	-0.402
2.224	-0.403
2.253	-0.403
2.282	-0.403
2.311	-0.404
2.340	-0.405
2.369	-0.405
2.398	-0.406
2.427	-0.407
2.456	-0.408
2.484	-0.409
2.513	-0.409
2.542	-0.410
2.571	-0.411
2.600	-0.412
2.629	-0.413
2.658	-0.414
2.687	-0.416
2.716	-0.417
2.744	-0.418
2.773	-0.419
2.802	-0.420
2.831	-0.421
2.860	-0.423
2.889	-0.424
2.918	-0.425
2.947	-0.426
2.976	-0.428
3.004	-0.429
3.033	-0.430
3.062	-0.432
3.091	-0.433
3.120	-0.435
3.149	-0.438
3.178	-0.440
3.207	-0.444
3.236	-0.447
3.264	-0.451
3.293	-0.456
3.322	-0.460
3.351	-0.465
3.380	-0.470
3.409	-0.475
3.438	-0.480

3.467	-0.485
3.496	-0.490
3.524	-0.495
3.553	-0.501
3.582	-0.506
3.611	-0.511
3.640	-0.517
3.669	-0.522
3.698	-0.527
3.727	-0.533
3.756	-0.538
3.784	-0.543
3.813	-0.549
3.842	-0.554
3.871	-0.559
3.900	-0.565
3.929	-0.570
3.958	-0.575
3.987	-0.580
4.016	-0.584
4.044	-0.585
4.073	-0.585
4.102	-0.585
4.131	-0.585
4.160	-0.585
4.189	-0.585
4.218	-0.585
4.247	-0.585
4.276	-0.585
4.304	-0.585
4.333	-0.585
4.362	-0.585
4.391	-0.585
4.420	-0.585
4.449	-0.585
4.478	-0.585
4.507	-0.585
4.536	-0.585
4.564	-0.974
4.593	-1.085
4.622	-0.783
4.651	-0.737
4.680	-0.692
4.709	-0.650
4.738	-0.611
4.767	-0.575
4.796	-0.543
4.824	-0.514
4.853	-0.488
4.882	-0.464
4.911	-0.444
4.940	-0.425
4.969	-0.409
4.998	-0.394
5.027	-0.381
5.056	-0.369
5.084	-0.358
5.113	-0.348
5.142	-0.339
5.171	-0.330
5.200	-0.322
5.229	-0.315
5.258	-0.308
5.287	-0.301
5.316	-0.295

5.344	-0.289
5.373	-0.284
5.402	-0.278
5.431	-0.274
5.460	-0.269
5.489	-0.265
5.518	-0.261
5.547	-0.257
5.576	-0.253
5.604	-0.250
5.633	-0.246
5.662	-0.243
5.691	-0.240
5.720	-0.237
5.749	-0.234
5.778	-0.232
5.807	-0.229
5.836	-0.227
5.864	-0.224
5.893	-0.222
5.922	-0.220
5.951	-0.218
5.980	-0.215
6.009	-0.213
6.038	-0.211
6.067	-0.210
6.096	-0.208
6.124	-0.206
6.153	-0.204
6.182	-0.202
6.211	-0.200
6.240	-0.199
6.269	-0.197
6.298	-0.195
6.327	-0.194
6.356	-0.192
6.384	-0.191
6.413	-0.189
6.442	-0.188
6.471	-0.187
6.500	-0.185
6.529	-0.184
6.558	-0.183
6.587	-0.181
6.616	-0.180
6.644	-0.179
6.673	-0.178
6.702	-0.177
6.731	-0.175
6.760	-0.174
6.789	-0.173
6.818	-0.172
6.847	-0.171
6.876	-0.170
6.904	-0.169
6.933	-0.168
6.962	-0.167
6.991	-0.166
7.020	-0.165
7.049	-0.164
7.078	-0.163
7.107	-0.162
7.136	-0.161
7.164	-0.160
7.193	-0.159

7.222	-0.158
7.251	-0.157
7.280	-0.156
7.309	-0.155
7.338	-0.154
7.367	-0.153
7.396	-0.152
7.424	-0.151
7.453	-0.150
7.482	-0.149
7.511	-0.148
7.540	-0.147
7.569	-0.146
7.598	-0.146
7.627	-0.145
7.656	-0.144
7.684	-0.143
7.713	-0.143
7.742	-0.142
7.771	-0.141
7.800	-0.140
7.829	-0.140
7.858	-0.139
7.887	-0.139
7.916	-0.138
7.944	-0.137
7.973	-0.137
8.002	-0.136
8.031	-0.135
8.060	-0.135
8.089	-0.134
8.118	-0.133
8.147	-0.132
8.176	-0.131
8.204	-0.130
8.233	-0.129
8.262	-0.128
8.291	-0.127
8.320	-0.127
8.349	-0.126
8.378	-0.125
8.407	-0.124
8.436	-0.123
8.464	-0.123
8.493	-0.122
8.522	-0.121
8.551	-0.121
8.580	-0.120
8.609	-0.119
8.638	-0.119
8.667	-0.118
8.696	-0.118
8.724	-0.117
8.753	-0.116
8.782	-0.116
8.811	-0.115
8.840	-0.115
8.869	-0.114
8.898	-0.114
8.927	-0.113
8.956	-0.113
8.984	-0.112
9.013	-0.112
9.042	-0.112
9.071	-0.111

9.100	-0.111
9.129	-0.110
9.158	-0.110
129.158	-0.008
249.158	-0.004
960.000	0.000

Name: Hyd-1 Node: Node202 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.036	0.000
0.071	0.000
0.107	0.000
0.142	0.000
0.178	0.000
0.213	-0.002
0.249	-0.016
0.284	-0.070
0.320	-0.217
0.356	-0.531
0.391	-0.764
0.427	-0.790
0.462	-0.793
0.498	-0.798
0.533	-0.804
0.569	-0.813
0.604	-0.822
0.640	-0.833
0.676	-0.844
0.711	-0.855
0.747	-0.866
0.782	-0.877
0.818	-0.887
0.853	-0.897
0.889	-0.905
0.924	-0.913
0.960	-0.920
0.996	-0.925
1.031	-0.930
1.067	-0.934
1.102	-0.935
1.138	-0.935
1.173	-0.935
1.209	-0.935
1.244	-0.935
1.280	-0.935
1.316	-0.935
1.351	-0.935
1.387	-0.935
1.422	-0.935
1.458	-0.935
1.493	-0.935
1.529	-0.935
1.564	-0.935
1.600	-0.935
1.636	-0.935
1.671	-0.935
1.707	-0.935
1.742	-0.935
1.778	-0.935
1.813	-0.935
1.849	-0.935

1.884	-0.935
1.920	-0.935
1.956	-0.935
1.991	-0.935
2.027	-0.935
2.062	-0.935
2.098	-0.935
2.133	-0.935
2.169	-0.934
2.204	-0.932
2.240	-0.931
2.276	-0.930
2.311	-0.929
2.347	-0.928
2.382	-0.926
2.418	-0.925
2.453	-0.924
122.453	-0.014
242.453	0.000
338.453	0.000
362.453	0.000
482.453	0.000
602.453	0.000
722.453	0.000

Name: Hyd-2 Node: Node202 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.036	0.000
0.071	0.000
0.107	0.000
0.142	0.000
0.178	-0.001
0.213	-0.007
0.249	-0.030
0.284	-0.087
0.320	-0.197
0.356	-0.369
0.391	-0.601
0.427	-0.760
0.462	-0.788
0.498	-0.790
0.533	-0.792
0.569	-0.794
0.604	-0.798
0.640	-0.802
0.676	-0.807
0.711	-0.813
0.747	-0.820
0.782	-0.827
0.818	-0.835
0.853	-0.844
0.889	-0.852
0.924	-0.861
0.960	-0.869
0.996	-0.877
1.031	-0.884
1.067	-0.891
1.102	-0.897
1.138	-0.903
1.173	-0.908
1.209	-0.913

1.244	-0.918
1.280	-0.922
1.316	-0.926
1.351	-0.930
1.387	-0.933
1.422	-0.935
1.458	-0.935
1.493	-0.935
1.529	-0.935
1.564	-0.935
1.600	-0.935
1.636	-0.935
1.671	-0.935
1.707	-0.935
1.742	-0.935
1.778	-0.935
1.813	-0.935
1.849	-0.935
1.884	-0.935
1.920	-0.935
1.956	-0.935
1.991	-0.935
2.027	-0.935
2.062	-0.935
2.098	-0.935
2.133	-0.935
2.169	-0.935
2.204	-0.935
2.240	-0.935
2.276	-0.935
2.311	-0.935
2.347	-0.935
2.382	-0.935
2.418	-0.935
2.453	-0.935
2.489	-0.935
2.524	-0.935
2.560	-0.935
2.596	-0.935
2.631	-0.935
2.667	-0.935
2.702	-1.101
2.738	-1.088
2.773	-0.872
2.809	-0.803
2.844	-0.739
2.880	-0.680
2.916	-0.628
2.951	-0.581
2.987	-0.541
3.022	-0.505
3.058	-0.474
3.093	-0.446
3.129	-0.423
3.164	-0.402
3.200	-0.383
3.236	-0.367
3.271	-0.352
3.307	-0.339
3.342	-0.327
3.378	-0.317
3.413	-0.307
3.449	-0.302
123.449	-0.017
243.449	-0.002

339.449	0.000
363.449	0.000
483.449	0.000
603.449	0.000
723.449	0.000

Name: Hyd-3 Node: Node202 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.036	0.000
0.071	0.000
0.107	0.000
0.142	0.000
0.178	0.000
0.213	0.000
0.249	0.000
0.284	0.000
0.320	0.000
0.356	0.000
0.391	0.000
0.427	0.000
0.462	0.000
0.498	0.000
0.533	0.000
0.569	0.000
0.604	0.000
0.640	0.000
0.676	0.000
0.711	0.000
0.747	0.000
0.782	0.000
0.818	0.000
0.853	0.000
0.889	0.000
0.924	0.000
0.960	0.000
0.996	0.000
1.031	0.000
1.067	0.000
1.102	0.000
1.138	0.000
1.173	0.000
1.209	0.000
1.244	0.000
1.280	0.000
1.316	0.000
1.351	0.000
1.387	0.000
1.422	0.000
1.458	0.000
1.493	0.000
1.529	0.000
1.564	0.000
1.600	0.000
1.636	0.000
1.671	0.000
1.707	0.000
1.742	0.000
1.778	0.000
1.813	0.000
1.849	0.000
1.884	0.000

1.920	0.000
1.956	0.000
1.991	0.000
2.027	0.000
2.062	0.000
2.098	0.000
2.133	0.000
2.169	0.000
2.204	0.000
2.240	0.000
2.276	0.000
2.311	0.000
2.347	0.000
2.382	0.000
2.418	0.000
2.453	0.000
2.489	0.000
2.524	0.000
2.560	0.000
2.596	0.000
2.631	0.000
2.667	0.000
2.702	0.000
2.738	0.000
2.773	0.000
2.809	0.000
2.844	0.000
2.880	0.000
2.916	0.000
2.951	0.000
2.987	0.000
3.022	0.000
3.058	0.000
3.093	0.000
3.129	0.000
3.164	0.000
3.200	0.000
3.236	0.000
3.271	0.000
3.307	0.000
3.342	0.000
3.378	0.000
3.413	0.000
3.449	0.000
3.484	0.000
3.520	0.000
3.556	0.000
3.591	0.000
3.627	0.000
3.662	0.000
3.698	0.000
3.733	0.000
3.769	0.000
3.804	0.000
3.840	0.000
3.876	0.000
3.911	0.000
3.947	0.000
3.982	0.000
4.018	0.000
4.053	0.000
4.089	0.000
4.124	0.000
4.160	0.000
4.196	0.000

4.231	0.000
4.267	0.000
4.302	0.000
4.338	0.000
4.373	0.000
4.409	0.000
4.444	0.000
4.480	0.000
4.516	0.000
4.551	0.000
4.587	0.000
4.622	0.000
4.658	0.000
4.693	0.000
4.729	0.000
4.764	0.000
4.800	0.000
4.836	0.000
4.871	0.000
4.907	0.000
4.942	0.000
4.978	0.000
5.013	0.000
5.049	0.000
5.084	0.000
5.120	0.000
5.156	0.000
5.191	0.000
5.227	0.000
5.262	0.000
5.298	0.000
5.333	0.000
5.369	0.000
5.404	0.000
5.440	0.000
5.476	0.000
5.511	0.000
5.547	0.000
5.582	0.000
5.618	0.000
5.653	0.000
5.689	0.000
5.724	0.000
5.760	0.000
5.796	0.000
5.831	0.000
5.867	0.000
5.902	0.000
5.938	0.000
5.973	0.000
6.009	0.000
6.044	0.000
6.080	0.000
6.116	0.000
6.151	0.000
6.187	0.000
6.222	0.000
6.258	0.000
6.293	0.000
6.329	0.000
6.364	0.000
6.400	0.000
6.436	0.000
6.471	0.000
6.507	0.000

6.542	-0.000
6.578	-0.000
6.613	-0.000
6.649	-0.000
6.684	-0.000
6.720	-0.001
6.756	-0.001
6.791	-0.001
6.827	-0.002
6.862	-0.002
6.898	-0.003
6.933	-0.004
6.969	-0.004
7.004	-0.005
7.040	-0.006
7.076	-0.006
7.111	-0.007
7.147	-0.008
7.182	-0.009
7.218	-0.010
7.253	-0.011
7.289	-0.011
7.324	-0.012
7.360	-0.013
7.396	-0.014
7.431	-0.015
7.467	-0.016
7.502	-0.017
7.538	-0.017
7.573	-0.018
7.609	-0.019
7.644	-0.020
7.680	-0.021
7.716	-0.022
7.751	-0.023
7.787	-0.023
7.822	-0.024
7.858	-0.025
7.893	-0.026
7.929	-0.027
7.964	-0.028
8.000	-0.029
8.036	-0.031
8.071	-0.035
8.107	-0.041
8.142	-0.049
8.178	-0.060
8.213	-0.070
8.249	-0.080
8.284	-0.089
8.320	-0.099
8.356	-0.107
8.391	-0.116
8.427	-0.124
8.462	-0.132
8.498	-0.139
8.533	-0.147
8.569	-0.155
8.604	-0.162
8.640	-0.169
8.676	-0.176
8.711	-0.183
8.747	-0.190
8.782	-0.197
8.818	-0.203

8.853	-0.210
8.889	-0.216
8.924	-0.222
8.960	-0.228
8.996	-0.235
9.031	-0.240
9.067	-0.246
9.102	-0.252
9.138	-0.258
9.173	-0.263
9.209	-0.269
9.244	-0.274
9.280	-0.279
9.316	-0.284
9.351	-0.289
9.387	-0.294
9.422	-0.299
9.458	-0.304
9.493	-0.309
9.529	-0.313
9.564	-0.318
9.600	-0.323
9.636	-0.327
9.671	-0.331
9.707	-0.336
9.742	-0.340
9.778	-0.344
9.813	-0.348
9.849	-0.353
9.884	-0.357
9.920	-0.361
9.956	-0.365
9.991	-0.368
10.027	-0.372
10.062	-0.376
10.098	-0.380
10.133	-0.384
10.169	-0.387
10.204	-0.391
10.240	-0.394
10.276	-0.398
10.311	-0.401
10.347	-0.405
10.382	-0.408
10.418	-0.411
10.453	-0.415
10.489	-0.418
10.524	-0.421
10.560	-0.424
10.596	-0.427
10.631	-0.431
10.667	-0.434
10.702	-0.437
10.738	-0.440
10.773	-0.443
10.809	-0.445
10.844	-0.448
10.880	-0.451
10.916	-0.454
10.951	-0.457
10.987	-0.459
11.022	-0.462
11.058	-0.465
11.093	-0.468
11.129	-0.470

11.164	-0.473
11.200	-0.475
11.236	-0.478
11.271	-0.480
11.307	-0.483
11.342	-0.485
11.378	-0.488
11.413	-0.490
11.449	-0.492
11.484	-0.495
11.520	-0.497
11.556	-0.499
11.591	-0.501
11.627	-0.504
11.662	-0.506
11.698	-0.508
11.733	-0.510
11.769	-0.512
11.804	-0.514
11.840	-0.516
11.876	-0.519
11.911	-0.521
11.947	-0.523
11.982	-0.524
12.018	-0.524
12.053	-0.521
12.089	-0.512
12.124	-0.497
12.160	-0.477
12.196	-0.457
12.231	-0.437
12.267	-0.421
12.302	-0.407
12.338	-0.395
12.373	-0.385
12.409	-0.377
12.444	-0.370
12.480	-0.364
12.516	-0.358
12.551	-0.353
12.587	-0.349
12.622	-0.346
12.658	-0.342
12.693	-0.340
12.729	-0.337
12.764	-0.335
12.800	-0.333
12.836	-0.332
12.871	-0.330
12.907	-0.329
12.942	-0.328
12.978	-0.327
13.013	-0.327
13.049	-0.327
13.084	-0.326
13.120	-0.326
13.156	-0.326
13.191	-0.326
13.227	-0.326
13.262	-0.326
13.298	-0.327
13.333	-0.327
13.369	-0.328
13.404	-0.328
13.440	-0.329

13.476	-0.329
13.511	-0.330
13.547	-0.330
13.582	-0.330
13.618	-0.331
13.653	-0.331
13.689	-0.332
13.724	-0.332
13.760	-0.333
13.796	-0.333
13.831	-0.334
13.867	-0.334
13.902	-0.335
13.938	-0.335
13.973	-0.336
14.009	-0.336
14.044	-0.337
14.080	-0.337
14.116	-0.337
14.151	-0.338
14.187	-0.338
14.222	-0.339
14.258	-0.339
14.293	-0.340
14.329	-0.340
14.364	-0.340
14.400	-0.341
14.436	-0.341
14.471	-0.342
14.507	-0.342
14.542	-0.343
14.578	-0.343
14.613	-0.343
14.649	-0.344
14.684	-0.344
14.720	-0.345
14.756	-0.325
14.791	-0.252
14.827	-0.196
14.862	-0.191
14.898	-0.186
14.933	-0.182
14.969	-0.178
15.004	-0.174
15.040	-0.171
15.076	-0.168
15.111	-0.165
15.147	-0.162
15.182	-0.160
15.218	-0.157
15.253	-0.155
15.289	-0.153
15.324	-0.151
15.360	-0.149
15.396	-0.147
15.431	-0.146
15.467	-0.144
15.502	-0.142
15.538	-0.141
15.573	-0.140
15.609	-0.138
15.644	-0.137
15.680	-0.136
15.716	-0.134
15.751	-0.133

15.787	-0.132
15.822	-0.131
15.858	-0.130
15.893	-0.129
15.929	-0.128
15.964	-0.127
16.000	-0.126
16.036	-0.125
16.071	-0.124
16.107	-0.124
16.142	-0.123
16.178	-0.122
16.213	-0.121
16.249	-0.120
16.284	-0.118
16.320	-0.117
16.356	-0.116
16.391	-0.115
16.427	-0.114
16.462	-0.113
16.498	-0.112
16.533	-0.112
16.569	-0.111
16.604	-0.110
16.640	-0.109
16.676	-0.108
16.711	-0.107
16.747	-0.106
16.782	-0.106
16.818	-0.105
16.853	-0.104
16.889	-0.103
16.924	-0.103
16.960	-0.102
16.996	-0.101
17.031	-0.101
17.067	-0.100
17.102	-0.100
17.138	-0.099
17.173	-0.098
17.209	-0.098
17.244	-0.097
17.280	-0.097
17.316	-0.096
17.351	-0.096
17.387	-0.095
17.422	-0.095
17.458	-0.094
17.493	-0.094
17.529	-0.093
17.564	-0.093
17.600	-0.092
17.636	-0.092
17.671	-0.091
17.707	-0.091
17.742	-0.091
17.778	-0.090
17.813	-0.090
17.849	-0.089
17.884	-0.089
17.920	-0.089
17.956	-0.088
17.991	-0.088
18.027	-0.087
18.062	-0.087

18.098	-0.087
18.133	-0.086
18.169	-0.086
18.204	-0.086
18.240	-0.085
18.276	-0.085
18.311	-0.085
18.347	-0.084
18.382	-0.084
18.418	-0.084
18.453	-0.084
18.489	-0.083
18.524	-0.083
18.560	-0.083
18.596	-0.082
18.631	-0.082
18.667	-0.082
18.702	-0.082
18.738	-0.081
18.773	-0.081
18.809	-0.081
18.844	-0.081
18.880	-0.080
18.916	-0.080
18.951	-0.080
18.987	-0.080
19.022	-0.079
19.058	-0.079
19.093	-0.079
19.129	-0.079
19.164	-0.078
19.200	-0.078
19.236	-0.078
19.271	-0.078
19.307	-0.077
19.342	-0.077
19.378	-0.077
19.413	-0.077
19.449	-0.077
19.484	-0.076
19.520	-0.076
19.556	-0.076
19.591	-0.076
19.627	-0.076
19.662	-0.075
19.698	-0.075
19.733	-0.075
19.769	-0.075
19.804	-0.075
19.840	-0.075
19.876	-0.074
19.911	-0.074
19.947	-0.074
19.982	-0.074
20.018	-0.074
20.053	-0.073
20.089	-0.073
20.124	-0.073
20.160	-0.073
20.196	-0.073
20.231	-0.072
20.267	-0.072
20.302	-0.072
20.338	-0.072
20.373	-0.071

20.409	-0.071
20.444	-0.071
20.480	-0.071
20.516	-0.070
20.551	-0.070
20.587	-0.070
20.622	-0.070
20.658	-0.069
20.693	-0.069
20.729	-0.069
20.764	-0.069
20.800	-0.068
20.836	-0.068
20.871	-0.068
20.907	-0.068
20.942	-0.067
20.978	-0.067
21.013	-0.067
21.049	-0.067
21.084	-0.067
21.120	-0.066
21.156	-0.066
21.191	-0.066
21.227	-0.066
21.262	-0.066
21.298	-0.066
21.333	-0.065
21.369	-0.065
21.404	-0.065
21.440	-0.065
21.476	-0.065
21.511	-0.064
21.547	-0.064
21.582	-0.064
21.618	-0.064
21.653	-0.064
21.689	-0.064
21.724	-0.064
21.760	-0.063
21.796	-0.063
21.831	-0.063
21.867	-0.063
21.902	-0.063
21.938	-0.063
21.973	-0.062
22.009	-0.062
22.044	-0.062
22.080	-0.062
22.116	-0.062
22.151	-0.062
22.187	-0.062
22.222	-0.061
22.258	-0.061
22.293	-0.061
22.329	-0.061
22.364	-0.061
22.400	-0.061
22.436	-0.061
22.471	-0.061
22.507	-0.060
22.542	-0.060
22.578	-0.060
22.613	-0.060
22.649	-0.060
22.684	-0.060

22.720	-0.060
22.756	-0.060
22.791	-0.059
22.827	-0.059
22.862	-0.059
22.898	-0.059
22.933	-0.059
22.969	-0.059
23.004	-0.059
23.040	-0.059
23.076	-0.059
23.111	-0.058
23.147	-0.058
23.182	-0.058
23.218	-0.058
23.253	-0.058
23.289	-0.058
23.324	-0.058
23.360	-0.058
23.396	-0.058
23.431	-0.057
23.467	-0.057
23.502	-0.057
23.538	-0.057
23.573	-0.057
23.609	-0.057
23.644	-0.057
23.680	-0.057
23.716	-0.057
23.751	-0.057
23.787	-0.056
23.822	-0.056
23.858	-0.056
23.893	-0.056
23.929	-0.056
23.964	-0.056
24.000	-0.056
24.036	-0.056
24.071	-0.056
24.107	-0.056
24.142	-0.056
24.178	-0.056
24.213	-0.056
24.249	-0.056
24.284	-0.055
24.320	-0.055
24.356	-0.055
24.391	-0.055
24.427	-0.055
24.462	-0.055
24.498	-0.055
24.533	-0.055
24.569	-0.055
24.604	-0.055
24.640	-0.055
24.676	-0.055
24.711	-0.055
24.747	-0.055
24.782	-0.055
24.818	-0.055
24.853	-0.055
24.889	-0.055
24.924	-0.055
24.960	-0.055
24.996	-0.055

25.031	-0.055
25.067	-0.055
25.102	-0.055
25.138	-0.055
25.173	-0.055
25.209	-0.055
25.244	-0.055
25.280	-0.055
25.316	-0.055
25.351	-0.055
25.387	-0.055
25.422	-0.055
25.458	-0.055
25.493	-0.055
25.529	-0.055
25.564	-0.055
25.600	-0.055
25.636	-0.055
25.671	-0.055
25.707	-0.055
25.742	-0.054
25.778	-0.054
25.813	-0.054
25.849	-0.054
25.884	-0.054
25.920	-0.054
25.956	-0.054
25.991	-0.054
26.027	-0.054
26.062	-0.054
26.098	-0.054
26.133	-0.054
26.169	-0.054
26.204	-0.054
26.240	-0.054
26.276	-0.054
26.311	-0.054
26.347	-0.054
26.382	-0.054
26.418	-0.054
26.453	-0.054
26.489	-0.054
26.524	-0.054
26.560	-0.054
26.596	-0.054
26.631	-0.054
26.667	-0.054
26.702	-0.054
26.738	-0.053
26.773	-0.053
26.809	-0.053
26.844	-0.053
26.880	-0.053
26.916	-0.053
26.951	-0.053
26.987	-0.053
27.022	-0.053
27.058	-0.053
27.093	-0.053
27.129	-0.053
27.164	-0.053
27.200	-0.053
27.236	-0.053
27.271	-0.053
27.307	-0.053

27.342	-0.053
27.378	-0.053
27.413	-0.053
27.449	-0.053
27.484	-0.053
27.520	-0.053
27.556	-0.053
27.591	-0.053
27.627	-0.053
27.662	-0.053
27.698	-0.053
27.733	-0.053
27.769	-0.053
27.804	-0.052
27.840	-0.052
27.876	-0.052
27.911	-0.052
27.947	-0.052
27.982	-0.052
28.018	-0.052
28.053	-0.052
28.089	-0.052
28.124	-0.052
28.160	-0.052
28.196	-0.052
28.231	-0.053
28.267	-0.053
28.302	-0.053
28.338	-0.053
28.373	-0.053
28.409	-0.053
28.444	-0.053
28.480	-0.054
28.516	-0.054
28.551	-0.054
28.587	-0.054
28.622	-0.054
28.658	-0.054
28.693	-0.054
28.729	-0.054
28.764	-0.055
28.800	-0.055
28.836	-0.055
28.871	-0.055
28.907	-0.055
28.942	-0.055
28.978	-0.055
29.013	-0.055
29.049	-0.055
29.084	-0.055
29.120	-0.056
29.156	-0.056
29.191	-0.056
29.227	-0.056
29.262	-0.056
29.298	-0.056
29.333	-0.056
29.369	-0.056
29.404	-0.056
29.440	-0.056
29.476	-0.056
29.511	-0.056
29.547	-0.056
29.582	-0.056
29.618	-0.056

29.653	-0.057
29.689	-0.057
29.724	-0.057
29.760	-0.057
29.796	-0.057
29.831	-0.057
29.867	-0.057
29.902	-0.057
29.938	-0.057
29.973	-0.057
30.009	-0.057
30.044	-0.057
30.080	-0.057
30.116	-0.057
30.151	-0.057
30.187	-0.057
30.222	-0.057
30.258	-0.057
30.293	-0.057
30.329	-0.057
30.364	-0.057
30.400	-0.058
30.436	-0.058
30.471	-0.058
30.507	-0.058
30.542	-0.058
30.578	-0.058
30.613	-0.058
30.649	-0.058
30.684	-0.058
30.720	-0.058
30.756	-0.058
30.791	-0.058
30.827	-0.058
30.862	-0.058
30.898	-0.058
30.933	-0.058
30.969	-0.058
31.004	-0.058
31.040	-0.058
31.076	-0.058
31.111	-0.058
31.147	-0.058
31.182	-0.058
31.218	-0.058
31.253	-0.058
31.289	-0.058
31.324	-0.058
31.360	-0.058
31.396	-0.058
31.431	-0.058
31.467	-0.059
31.502	-0.059
31.538	-0.059
31.573	-0.059
31.609	-0.059
31.644	-0.059
31.680	-0.059
31.716	-0.059
31.751	-0.059
31.787	-0.059
31.822	-0.059
31.858	-0.059
31.893	-0.059
31.929	-0.059

31.964	-0.059
32.000	-0.059
32.036	-0.059
32.071	-0.059
32.107	-0.059
32.142	-0.060
32.178	-0.061
32.213	-0.061
32.249	-0.062
32.284	-0.063
32.320	-0.064
32.356	-0.065
32.391	-0.066
32.427	-0.067
32.462	-0.068
32.498	-0.069
32.533	-0.070
32.569	-0.071
32.604	-0.071
32.640	-0.072
32.676	-0.073
32.711	-0.074
32.747	-0.075
32.782	-0.076
32.818	-0.076
32.853	-0.077
32.889	-0.078
32.924	-0.078
32.960	-0.079
32.996	-0.080
33.031	-0.080
33.067	-0.081
33.102	-0.082
33.138	-0.082
33.173	-0.083
33.209	-0.083
33.244	-0.084
33.280	-0.085
33.316	-0.085
33.351	-0.086
33.387	-0.086
33.422	-0.087
33.458	-0.087
33.493	-0.088
33.529	-0.088
33.564	-0.089
33.600	-0.089
33.636	-0.089
33.671	-0.090
33.707	-0.090
33.742	-0.091
33.778	-0.091
33.813	-0.092
33.849	-0.092
33.884	-0.092
33.920	-0.093
33.956	-0.093
33.991	-0.094
34.027	-0.094
34.062	-0.094
34.098	-0.095
34.133	-0.095
34.169	-0.095
34.204	-0.096
34.240	-0.096

34.276	-0.096
34.311	-0.097
34.347	-0.097
34.382	-0.098
34.418	-0.098
34.453	-0.098
34.489	-0.099
34.524	-0.099
34.560	-0.099
34.596	-0.100
34.631	-0.100
34.667	-0.100
34.702	-0.100
34.738	-0.101
34.773	-0.101
34.809	-0.101
34.844	-0.102
34.880	-0.102
34.916	-0.102
34.951	-0.103
34.987	-0.103
35.022	-0.103
35.058	-0.104
35.093	-0.104
35.129	-0.104
35.164	-0.104
35.200	-0.105
35.236	-0.105
35.271	-0.105
35.307	-0.106
35.342	-0.106
35.378	-0.106
35.413	-0.106
35.449	-0.107
35.484	-0.107
35.520	-0.107
35.556	-0.107
35.591	-0.108
35.627	-0.108
35.662	-0.108
35.698	-0.109
35.733	-0.109
35.769	-0.109
35.804	-0.109
35.840	-0.110
35.876	-0.110
35.911	-0.110
35.947	-0.110
35.982	-0.111
36.018	-0.111
36.053	-0.111
36.089	-0.111
36.124	-0.111
36.160	-0.111
36.196	-0.111
36.231	-0.111
36.267	-0.110
36.302	-0.110
36.338	-0.110
36.373	-0.110
36.409	-0.109
36.444	-0.109
36.480	-0.109
36.516	-0.108
36.551	-0.108

36.587	-0.108
36.622	-0.107
36.658	-0.107
36.693	-0.107
36.729	-0.107
36.764	-0.107
36.800	-0.106
36.836	-0.106
36.871	-0.106
36.907	-0.106
36.942	-0.106
36.978	-0.105
37.013	-0.105
37.049	-0.105
37.084	-0.105
37.120	-0.105
37.156	-0.105
37.191	-0.105
37.227	-0.105
37.262	-0.104
37.298	-0.104
37.333	-0.104
37.369	-0.104
37.404	-0.104
37.440	-0.104
37.476	-0.104
37.511	-0.104
37.547	-0.104
37.582	-0.104
37.618	-0.104
37.653	-0.104
37.689	-0.104
37.724	-0.104
37.760	-0.104
37.796	-0.104
37.831	-0.104
37.867	-0.104
37.902	-0.104
37.938	-0.104
37.973	-0.104
38.009	-0.104
38.044	-0.104
38.080	-0.104
38.116	-0.104
38.151	-0.104
38.187	-0.104
38.222	-0.104
38.258	-0.104
38.293	-0.104
38.329	-0.104
38.364	-0.104
38.400	-0.104
38.436	-0.104
38.471	-0.104
38.507	-0.104
38.542	-0.104
38.578	-0.104
38.613	-0.104
38.649	-0.104
38.684	-0.104
38.720	-0.104
38.756	-0.104
38.791	-0.104
38.827	-0.104
38.862	-0.104

38.898	-0.104
38.933	-0.104
38.969	-0.104
39.004	-0.104
39.040	-0.104
39.076	-0.104
39.111	-0.104
39.147	-0.104
39.182	-0.104
39.218	-0.104
39.253	-0.104
39.289	-0.104
39.324	-0.104
39.360	-0.104
39.396	-0.104
39.431	-0.104
39.467	-0.104
39.502	-0.104
39.538	-0.104
39.573	-0.104
39.609	-0.104
39.644	-0.104
39.680	-0.104
39.716	-0.104
39.751	-0.104
39.787	-0.104
39.822	-0.104
39.858	-0.104
39.893	-0.104
39.929	-0.104
39.964	-0.105
40.000	-0.105
40.036	-0.105
40.071	-0.105
40.107	-0.105
40.142	-0.105
40.178	-0.105
40.213	-0.104
40.249	-0.104
40.284	-0.103
40.320	-0.103
40.356	-0.102
40.391	-0.102
40.427	-0.101
40.462	-0.101
40.498	-0.100
40.533	-0.100
40.569	-0.099
40.604	-0.099
40.640	-0.099
40.676	-0.098
40.711	-0.098
40.747	-0.097
40.782	-0.097
40.818	-0.097
40.853	-0.096
40.889	-0.096
40.924	-0.095
40.960	-0.095
40.996	-0.095
41.031	-0.094
41.067	-0.094
41.102	-0.094
41.138	-0.094
41.173	-0.093

41.209	-0.093
41.244	-0.093
41.280	-0.093
41.316	-0.092
41.351	-0.092
41.387	-0.092
41.422	-0.092
41.458	-0.091
41.493	-0.091
41.529	-0.091
41.564	-0.091
41.600	-0.090
41.636	-0.090
41.671	-0.090
41.707	-0.090
41.742	-0.090
41.778	-0.089
41.813	-0.089
41.849	-0.089
41.884	-0.089
41.920	-0.089
41.956	-0.089
41.991	-0.088
42.027	-0.088
42.062	-0.088
42.098	-0.088
42.133	-0.088
42.169	-0.087
42.204	-0.087
42.240	-0.087
42.276	-0.087
42.311	-0.087
42.347	-0.087
42.382	-0.087
42.418	-0.086
42.453	-0.086
42.489	-0.086
42.524	-0.086
42.560	-0.086
42.596	-0.086
42.631	-0.085
42.667	-0.085
42.702	-0.085
42.738	-0.085
42.773	-0.085
42.809	-0.085
42.844	-0.085
42.880	-0.084
42.916	-0.084
42.951	-0.084
42.987	-0.084
43.022	-0.084
43.058	-0.084
43.093	-0.084
43.129	-0.083
43.164	-0.083
43.200	-0.083
43.236	-0.083
43.271	-0.083
43.307	-0.083
43.342	-0.083
43.378	-0.083
43.413	-0.082
43.449	-0.082
43.484	-0.082

43.520	-0.082
43.556	-0.082
43.591	-0.082
43.627	-0.082
43.662	-0.082
43.698	-0.081
43.733	-0.081
43.769	-0.081
43.804	-0.081
43.840	-0.081
43.876	-0.081
43.911	-0.081
43.947	-0.081
43.982	-0.081
44.018	-0.080
44.053	-0.080
44.089	-0.080
44.124	-0.080
44.160	-0.080
44.196	-0.079
44.231	-0.079
44.267	-0.079
44.302	-0.079
44.338	-0.078
44.373	-0.078
44.409	-0.078
44.444	-0.078
44.480	-0.077
44.516	-0.077
44.551	-0.077
44.587	-0.077
44.622	-0.076
44.658	-0.076
44.693	-0.076
44.729	-0.076
44.764	-0.076
44.800	-0.076
44.836	-0.075
44.871	-0.075
44.907	-0.075
44.942	-0.075
44.978	-0.075
45.013	-0.075
45.049	-0.074
45.084	-0.074
45.120	-0.074
45.156	-0.074
45.191	-0.074
45.227	-0.074
45.262	-0.074
45.298	-0.073
45.333	-0.073
45.369	-0.073
45.404	-0.073
45.440	-0.073
45.476	-0.073
45.511	-0.073
45.547	-0.073
45.582	-0.072
45.618	-0.072
45.653	-0.072
45.689	-0.072
45.724	-0.072
45.760	-0.072
45.796	-0.072

45.831	-0.072
45.867	-0.072
45.902	-0.072
45.938	-0.071
45.973	-0.071
46.009	-0.071
46.044	-0.071
46.080	-0.071
46.116	-0.071
46.151	-0.071
46.187	-0.071
46.222	-0.071
46.258	-0.071
46.293	-0.071
46.329	-0.070
46.364	-0.070
46.400	-0.070
46.436	-0.070
46.471	-0.070
46.507	-0.070
46.542	-0.070
46.578	-0.070
46.613	-0.070
46.649	-0.070
46.684	-0.070
46.720	-0.070
46.756	-0.069
46.791	-0.069
46.827	-0.069
46.862	-0.069
46.898	-0.069
46.933	-0.069
46.969	-0.069
47.004	-0.069
47.040	-0.069
47.076	-0.069
47.111	-0.069
47.147	-0.069
47.182	-0.069
47.218	-0.068
47.253	-0.068
47.289	-0.068
47.324	-0.068
47.360	-0.068
47.396	-0.068
47.431	-0.068
47.467	-0.068
47.502	-0.068
47.538	-0.068
47.573	-0.068
47.609	-0.068
47.644	-0.068
47.680	-0.068
47.716	-0.068
47.751	-0.067
47.787	-0.067
47.822	-0.067
47.858	-0.067
47.893	-0.067
47.929	-0.067
47.964	-0.067
48.000	-0.067
48.036	-0.067
48.071	-0.067
48.107	-0.067

48.142	-0.067
48.178	-0.067
48.213	-0.067
48.249	-0.067
48.284	-0.067
48.320	-0.067
48.356	-0.067
48.391	-0.068
48.427	-0.068
48.462	-0.068
48.498	-0.068
48.533	-0.068
48.569	-0.068
48.604	-0.068
48.640	-0.068
48.676	-0.068
48.711	-0.068
48.747	-0.068
48.782	-0.068
48.818	-0.068
48.853	-0.068
48.889	-0.068
48.924	-0.068
48.960	-0.068
48.996	-0.068
49.031	-0.068
49.067	-0.068
49.102	-0.068
49.138	-0.068
49.173	-0.068
49.209	-0.068
49.244	-0.068
49.280	-0.068
49.316	-0.068
49.351	-0.068
49.387	-0.068
49.422	-0.068
49.458	-0.068
49.493	-0.068
49.529	-0.068
49.564	-0.068
49.600	-0.068
49.636	-0.068
49.671	-0.068
49.707	-0.068
49.742	-0.068
49.778	-0.068
49.813	-0.068
49.849	-0.068
49.884	-0.068
49.920	-0.068
49.956	-0.068
49.991	-0.068
50.027	-0.068
50.062	-0.068
50.098	-0.068
50.133	-0.068
50.169	-0.068
50.204	-0.068
50.240	-0.068
50.276	-0.068
50.311	-0.068
50.347	-0.068
50.382	-0.067
50.418	-0.067

50.453	-0.067
50.489	-0.067
50.524	-0.067
50.560	-0.067
50.596	-0.067
50.631	-0.067
50.667	-0.067
50.702	-0.067
50.738	-0.067
50.773	-0.067
50.809	-0.067
50.844	-0.067
50.880	-0.067
50.916	-0.067
50.951	-0.067
50.987	-0.067
51.022	-0.067
51.058	-0.067
51.093	-0.067
51.129	-0.067
51.164	-0.066
51.200	-0.066
51.236	-0.066
51.271	-0.066
51.307	-0.066
51.342	-0.066
51.378	-0.066
51.413	-0.066
51.449	-0.066
51.484	-0.066
51.520	-0.066
51.556	-0.066
51.591	-0.066
51.627	-0.066
51.662	-0.066
51.698	-0.066
51.733	-0.066
51.769	-0.066
51.804	-0.066
51.840	-0.066
51.876	-0.065
51.911	-0.065
51.947	-0.065
51.982	-0.065
52.018	-0.065
52.053	-0.065
52.089	-0.065
52.124	-0.066
52.160	-0.066
52.196	-0.066
52.231	-0.066
52.267	-0.067
52.302	-0.067
52.338	-0.067
52.373	-0.067
52.409	-0.068
52.444	-0.068
52.480	-0.068
52.516	-0.068
52.551	-0.068
52.587	-0.069
52.622	-0.069
52.658	-0.069
52.693	-0.069
52.729	-0.069

52.764	-0.069
52.800	-0.069
52.836	-0.069
52.871	-0.069
52.907	-0.069
52.942	-0.070
52.978	-0.070
53.013	-0.070
53.049	-0.070
53.084	-0.070
53.120	-0.070
53.156	-0.070
53.191	-0.070
53.227	-0.070
53.262	-0.070
53.298	-0.070
53.333	-0.070
53.369	-0.070
53.404	-0.070
53.440	-0.070
53.476	-0.070
53.511	-0.070
53.547	-0.070
53.582	-0.070
53.618	-0.070
53.653	-0.070
53.689	-0.069
53.724	-0.069
53.760	-0.069
53.796	-0.069
53.831	-0.069
53.867	-0.069
53.902	-0.069
53.938	-0.069
53.973	-0.069
54.009	-0.069
54.044	-0.069
54.080	-0.069
54.116	-0.069
54.151	-0.069
54.187	-0.069
54.222	-0.069
54.258	-0.069
54.293	-0.069
54.329	-0.069
54.364	-0.069
54.400	-0.068
54.436	-0.068
54.471	-0.068
54.507	-0.068
54.542	-0.068
54.578	-0.068
54.613	-0.068
54.649	-0.068
54.684	-0.068
54.720	-0.068
54.756	-0.068
54.791	-0.068
54.827	-0.068
54.862	-0.068
54.898	-0.068
54.933	-0.067
54.969	-0.067
55.004	-0.067
55.040	-0.067

55.076	-0.067
55.111	-0.067
55.147	-0.067
55.182	-0.067
55.218	-0.067
55.253	-0.067
55.289	-0.067
55.324	-0.067
55.360	-0.067
55.396	-0.067
55.431	-0.067
55.467	-0.066
55.502	-0.066
55.538	-0.066
55.573	-0.066
55.609	-0.066
55.644	-0.066
55.680	-0.066
55.716	-0.066
55.751	-0.066
55.787	-0.066
55.822	-0.066
55.858	-0.066
55.893	-0.066
55.929	-0.066
55.964	-0.066
56.000	-0.066
56.036	-0.066
56.071	-0.066
56.107	-0.067
56.142	-0.068
56.178	-0.070
56.213	-0.072
56.249	-0.074
56.284	-0.076
56.320	-0.077
56.356	-0.079
56.391	-0.081
56.427	-0.082
56.462	-0.083
56.498	-0.085
56.533	-0.086
56.569	-0.087
56.604	-0.088
56.640	-0.089
56.676	-0.090
56.711	-0.090
56.747	-0.091
56.782	-0.092
56.818	-0.092
56.853	-0.093
56.889	-0.093
56.924	-0.093
56.960	-0.094
56.996	-0.094
57.031	-0.094
57.067	-0.094
57.102	-0.094
57.138	-0.095
57.173	-0.095
57.209	-0.095
57.244	-0.095
57.280	-0.095
57.316	-0.095
57.351	-0.094

57.387	-0.094
57.422	-0.094
57.458	-0.094
57.493	-0.094
57.529	-0.094
57.564	-0.094
57.600	-0.093
57.636	-0.093
57.671	-0.093
57.707	-0.093
57.742	-0.092
57.778	-0.092
57.813	-0.092
57.849	-0.092
57.884	-0.092
57.920	-0.091
57.956	-0.091
57.991	-0.091
58.027	-0.091
58.062	-0.090
58.098	-0.090
58.133	-0.090
58.169	-0.089
58.204	-0.089
58.240	-0.089
58.276	-0.089
58.311	-0.088
58.347	-0.088
58.382	-0.088
58.418	-0.088
58.453	-0.087
58.489	-0.087
58.524	-0.087
58.560	-0.087
58.596	-0.086
58.631	-0.086
58.667	-0.086
58.702	-0.086
58.738	-0.085
58.773	-0.085
58.809	-0.085
58.844	-0.085
58.880	-0.084
58.916	-0.084
58.951	-0.084
58.987	-0.084
59.022	-0.084
59.058	-0.083
59.093	-0.083
59.129	-0.083
59.164	-0.083
59.200	-0.082
59.236	-0.082
59.271	-0.082
59.307	-0.082
59.342	-0.082
59.378	-0.081
59.413	-0.081
59.449	-0.081
59.484	-0.081
59.520	-0.081
59.556	-0.080
59.591	-0.080
59.627	-0.080
59.662	-0.080

59.698	-0.080
59.733	-0.079
59.769	-0.079
59.804	-0.079
59.840	-0.079
59.876	-0.079
59.911	-0.079
59.947	-0.078
59.982	-0.078
60.018	-0.078
60.053	-0.078
60.089	-0.077
60.124	-0.076
60.160	-0.074
60.196	-0.073
60.231	-0.071
60.267	-0.070
60.302	-0.069
60.338	-0.067
60.373	-0.066
60.409	-0.065
60.444	-0.065
60.480	-0.064
60.516	-0.063
60.551	-0.062
60.587	-0.062
60.622	-0.061
60.658	-0.061
60.693	-0.060
60.729	-0.060
60.764	-0.059
60.800	-0.059
60.836	-0.059
60.871	-0.058
60.907	-0.058
60.942	-0.058
60.978	-0.058
61.013	-0.058
61.049	-0.057
61.084	-0.057
61.120	-0.057
61.156	-0.057
61.191	-0.057
61.227	-0.057
61.262	-0.057
61.298	-0.057
61.333	-0.057
61.369	-0.057
61.404	-0.057
61.440	-0.057
61.476	-0.057
61.511	-0.057
61.547	-0.057
61.582	-0.057
61.618	-0.057
61.653	-0.057
61.689	-0.057
61.724	-0.057
61.760	-0.057
61.796	-0.057
61.831	-0.057
61.867	-0.057
61.902	-0.057
61.938	-0.057
61.973	-0.057

62.009	-0.057
62.044	-0.057
62.080	-0.057
62.116	-0.057
62.151	-0.057
62.187	-0.057
62.222	-0.057
62.258	-0.057
62.293	-0.057
62.329	-0.057
62.364	-0.057
62.400	-0.057
62.436	-0.057
62.471	-0.057
62.507	-0.057
62.542	-0.057
62.578	-0.057
62.613	-0.057
62.649	-0.057
62.684	-0.057
62.720	-0.057
62.756	-0.057
62.791	-0.057
62.827	-0.057
62.862	-0.057
62.898	-0.057
62.933	-0.057
62.969	-0.057
63.004	-0.057
63.040	-0.057
63.076	-0.057
63.111	-0.057
63.147	-0.057
63.182	-0.057
63.218	-0.057
63.253	-0.057
63.289	-0.057
63.324	-0.057
63.360	-0.057
63.396	-0.058
63.431	-0.058
63.467	-0.058
63.502	-0.058
63.538	-0.058
63.573	-0.058
63.609	-0.058
63.644	-0.058
63.680	-0.058
63.716	-0.058
63.751	-0.058
63.787	-0.058
63.822	-0.058
63.858	-0.058
63.893	-0.058
63.929	-0.058
63.964	-0.058
64.000	-0.058
64.036	-0.057
64.071	-0.057
64.107	-0.057
64.142	-0.056
64.178	-0.055
64.213	-0.053
64.249	-0.052
64.284	-0.051

64.320	-0.050
64.356	-0.050
64.391	-0.049
64.427	-0.048
64.462	-0.048
64.498	-0.047
64.533	-0.046
64.569	-0.046
64.604	-0.046
64.640	-0.045
64.676	-0.045
64.711	-0.044
64.747	-0.044
64.782	-0.044
64.818	-0.044
64.853	-0.043
64.889	-0.043
64.924	-0.043
64.960	-0.043
64.996	-0.043
65.031	-0.043
65.067	-0.043
65.102	-0.043
65.138	-0.042
65.173	-0.042
65.209	-0.042
65.244	-0.042
65.280	-0.042
65.316	-0.042
65.351	-0.042
65.387	-0.042
65.422	-0.042
65.458	-0.042
65.493	-0.042
65.529	-0.042
65.564	-0.042
65.600	-0.042
65.636	-0.043
65.671	-0.043
65.707	-0.043
65.742	-0.043
65.778	-0.043
65.813	-0.043
65.849	-0.043
65.884	-0.043
65.920	-0.043
65.956	-0.043
65.991	-0.043
66.027	-0.043
66.062	-0.043
66.098	-0.043
66.133	-0.043
66.169	-0.043
66.204	-0.043
66.240	-0.043
66.276	-0.043
66.311	-0.043
66.347	-0.043
66.382	-0.043
66.418	-0.044
66.453	-0.044
66.489	-0.044
66.524	-0.044
66.560	-0.044
66.596	-0.044

66.631	-0.044
66.667	-0.044
66.702	-0.044
66.738	-0.044
66.773	-0.044
66.809	-0.044
66.844	-0.044
66.880	-0.044
66.916	-0.044
66.951	-0.044
66.987	-0.044
67.022	-0.044
67.058	-0.044
67.093	-0.044
67.129	-0.045
67.164	-0.045
67.200	-0.045
67.236	-0.045
67.271	-0.045
67.307	-0.045
67.342	-0.045
67.378	-0.045
67.413	-0.045
67.449	-0.045
67.484	-0.045
67.520	-0.045
67.556	-0.045
67.591	-0.045
67.627	-0.045
67.662	-0.045
67.698	-0.045
67.733	-0.045
67.769	-0.045
67.804	-0.045
67.840	-0.045
67.876	-0.045
67.911	-0.045
67.947	-0.045
67.982	-0.045
68.018	-0.045
68.053	-0.045
68.089	-0.045
68.124	-0.045
68.160	-0.045
68.196	-0.045
68.231	-0.044
68.267	-0.044
68.302	-0.044
68.338	-0.044
68.373	-0.043
68.409	-0.043
68.444	-0.043
68.480	-0.043
68.516	-0.043
68.551	-0.043
68.587	-0.042
68.622	-0.042
68.658	-0.042
68.693	-0.042
68.729	-0.042
68.764	-0.042
68.800	-0.042
68.836	-0.042
68.871	-0.042
68.907	-0.042

68.942	-0.042
68.978	-0.042
69.013	-0.042
69.049	-0.042
69.084	-0.042
69.120	-0.041
69.156	-0.041
69.191	-0.041
69.227	-0.041
69.262	-0.041
69.298	-0.041
69.333	-0.041
69.369	-0.041
69.404	-0.041
69.440	-0.041
69.476	-0.041
69.511	-0.041
69.547	-0.041
69.582	-0.041
69.618	-0.041
69.653	-0.041
69.689	-0.041
69.724	-0.041
69.760	-0.041
69.796	-0.041
69.831	-0.042
69.867	-0.042
69.902	-0.042
69.938	-0.042
69.973	-0.042
70.009	-0.042
70.044	-0.042
70.080	-0.042
70.116	-0.042
70.151	-0.042
70.187	-0.042
70.222	-0.042
70.258	-0.042
70.293	-0.042
70.329	-0.042
70.364	-0.042
70.400	-0.042
70.436	-0.042
70.471	-0.042
70.507	-0.042
70.542	-0.042
70.578	-0.042
70.613	-0.042
70.649	-0.042
70.684	-0.042
70.720	-0.042
70.756	-0.042
70.791	-0.042
70.827	-0.042
70.862	-0.042
70.898	-0.042
70.933	-0.042
70.969	-0.042
71.004	-0.042
71.040	-0.042
71.076	-0.042
71.111	-0.042
71.147	-0.042
71.182	-0.042
71.218	-0.042

71.253	-0.042
71.289	-0.042
71.324	-0.042
71.360	-0.042
71.396	-0.042
71.431	-0.042
71.467	-0.042
71.502	-0.042
71.538	-0.042
71.573	-0.042
71.609	-0.042
71.644	-0.042
71.680	-0.042
71.716	-0.042
71.751	-0.042
71.787	-0.042
71.822	-0.042
71.858	-0.043
71.893	-0.043
71.929	-0.043
71.964	-0.043
72.000	-0.043
72.036	-0.043
72.071	-0.042
72.107	-0.042
72.142	-0.042
72.178	-0.042
72.213	-0.042
72.249	-0.042
72.284	-0.041
72.320	-0.041
72.356	-0.041
72.391	-0.041
72.427	-0.041
72.462	-0.041
72.498	-0.040
72.533	-0.040
72.569	-0.040
72.604	-0.040
72.640	-0.040
72.676	-0.040
72.711	-0.040
72.747	-0.040
72.782	-0.040
72.818	-0.039
72.853	-0.039
72.889	-0.039
72.924	-0.039
72.960	-0.039
72.996	-0.039
73.031	-0.039
73.067	-0.039
73.102	-0.039
73.138	-0.039
73.173	-0.039
73.209	-0.039
73.244	-0.039
73.280	-0.039
73.316	-0.039
73.351	-0.039
73.387	-0.039
73.422	-0.039
73.458	-0.039
193.458	-0.002
313.458	-0.011

409.458	-0.009
433.458	-0.008
553.458	-0.004
673.458	-0.001
793.458	0.000

Name: Hyd-4 Node: Node202 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.036	0.000
0.071	0.000
0.107	0.000
0.142	0.000
0.178	0.000
0.213	0.000
0.249	0.000
0.284	0.000
0.320	0.000
0.356	0.000
0.391	0.000
0.427	0.000
0.462	0.000
0.498	0.000
0.533	0.000
0.569	0.000
0.604	0.000
0.640	-0.000
0.676	-0.001
0.711	-0.003
0.747	-0.008
0.782	-0.020
0.818	-0.041
0.853	-0.069
0.889	-0.106
0.924	-0.149
0.960	-0.197
0.996	-0.250
1.031	-0.313
1.067	-0.392
1.102	-0.495
1.138	-0.623
1.173	-0.740
1.209	-0.788
1.244	-0.788
1.280	-0.789
1.316	-0.790
1.351	-0.791
1.387	-0.792
1.422	-0.794
1.458	-0.795
1.493	-0.797
1.529	-0.799
1.564	-0.802
1.600	-0.804
1.636	-0.807
1.671	-0.811
1.707	-0.814
1.742	-0.818
1.778	-0.822
1.813	-0.827
1.849	-0.832
1.884	-0.837

1.920	-0.842
1.956	-0.847
1.991	-0.852
2.027	-0.858
2.062	-0.864
2.098	-0.869
2.133	-0.875
2.169	-0.880
2.204	-0.886
2.240	-0.891
2.276	-0.897
2.311	-0.902
2.347	-0.907
2.382	-0.912
2.418	-0.918
2.453	-0.923
2.489	-0.928
2.524	-0.933
2.560	-0.935
2.596	-0.935
2.631	-0.935
2.667	-0.935
2.702	-0.935
2.738	-0.935
2.773	-0.935
2.809	-0.935
2.844	-0.935
2.880	-0.935
2.916	-0.935
2.951	-0.935
2.987	-0.935
3.022	-0.935
3.058	-0.935
3.093	-0.935
3.129	-0.935
3.164	-0.935
3.200	-0.935
3.236	-0.935
3.271	-0.935
3.307	-0.935
3.342	-0.935
3.378	-0.935
3.413	-0.935
3.449	-1.188
3.484	-1.239
3.520	-0.999
3.556	-0.927
3.591	-0.859
3.627	-0.795
3.662	-0.738
3.698	-0.686
3.733	-0.641
3.769	-0.601
3.804	-0.566
3.840	-0.535
3.876	-0.508
3.911	-0.484
3.947	-0.463
3.982	-0.444
4.018	-0.428
4.053	-0.413
4.089	-0.399
4.124	-0.386
4.160	-0.374
4.196	-0.364

4.231	-0.353
4.267	-0.344
4.302	-0.335
4.338	-0.327
4.373	-0.319
4.409	-0.312
4.444	-0.305
4.480	-0.299
4.516	-0.293
4.551	-0.287
4.587	-0.282
4.622	-0.277
4.658	-0.272
4.693	-0.268
4.729	-0.263
4.764	-0.259
4.800	-0.255
4.836	-0.251
4.871	-0.248
4.907	-0.244
4.942	-0.241
4.978	-0.238
5.013	-0.235
5.049	-0.232
5.084	-0.229
5.120	-0.226
5.156	-0.223
5.191	-0.221
5.227	-0.218
5.262	-0.216
5.298	-0.214
5.333	-0.211
5.369	-0.209
5.404	-0.207
5.440	-0.206
125.440	-0.022
245.440	-0.009
341.440	-0.001
365.440	0.000
485.440	0.000
605.440	0.000
725.440	0.000

Name: Hyd-7 Node: Node202 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.036	0.000
0.071	0.000
0.107	0.000
0.142	0.000
0.178	0.000
0.213	0.000
0.249	0.000
0.284	0.000
0.320	0.000
0.356	0.000
0.391	0.000
0.427	0.000
0.462	0.000
0.498	0.000
0.533	0.000
0.569	0.000

0.604	0.000
0.640	0.000
0.676	0.000
0.711	0.000
0.747	0.000
0.782	0.000
0.818	0.000
0.853	0.000
0.889	0.000
0.924	0.000
0.960	0.000
0.996	0.000
1.031	0.000
1.067	0.000
1.102	0.000
1.138	0.000
1.173	0.000
1.209	0.000
1.244	0.000
1.280	0.000
1.316	0.000
1.351	0.000
1.387	0.000
1.422	0.000
1.458	0.000
1.493	0.000
1.529	0.000
1.564	0.000
1.600	0.000
1.636	0.000
1.671	0.000
1.707	0.000
1.742	0.000
1.778	0.000
1.813	0.000
1.849	0.000
1.884	0.000
1.920	0.000
1.956	0.000
1.991	0.000
2.027	0.000
2.062	0.000
2.098	0.000
2.133	0.000
2.169	0.000
2.204	0.000
2.240	0.000
2.276	0.000
2.311	0.000
2.347	0.000
2.382	0.000
2.418	0.000
2.453	0.000
2.489	0.000
2.524	0.000
2.560	0.000
2.596	0.000
2.631	0.000
2.667	0.000
2.702	0.000
2.738	0.000
2.773	0.000
2.809	0.000
2.844	0.000
2.880	0.000

2.916	0.000
2.951	0.000
2.987	0.000
3.022	0.000
3.058	0.000
3.093	0.000
3.129	0.000
3.164	0.000
3.200	0.000
3.236	0.000
3.271	0.000
3.307	0.000
3.342	0.000
3.378	0.000
3.413	0.000
3.449	0.000
3.484	0.000
3.520	0.000
3.556	0.000
3.591	0.000
3.627	0.000
3.662	0.000
3.698	0.000
3.733	0.000
3.769	0.000
3.804	0.000
3.840	0.000
3.876	0.000
3.911	0.000
3.947	0.000
3.982	0.000
4.018	0.000
4.053	0.000
4.089	0.000
4.124	0.000
4.160	0.000
4.196	0.000
4.231	0.000
4.267	0.000
4.302	0.000
4.338	0.000
4.373	0.000
4.409	0.000
4.444	0.000
4.480	0.000
4.516	0.000
4.551	0.000
4.587	0.000
4.622	0.000
4.658	0.000
4.693	0.000
4.729	0.000
4.764	0.000
4.800	0.000
4.836	0.000
4.871	0.000
4.907	0.000
4.942	0.000
4.978	0.000
5.013	0.000
5.049	0.000
5.084	0.000
5.120	0.000
5.156	0.000
5.191	0.000

5.227	0.000
5.262	0.000
5.298	0.000
5.333	0.000
5.369	0.000
5.404	0.000
5.440	0.000
5.476	0.000
5.511	0.000
5.547	0.000
5.582	0.000
5.618	0.000
5.653	0.000
5.689	0.000
5.724	0.000
5.760	0.000
5.796	0.000
5.831	0.000
5.867	0.000
5.902	0.000
5.938	0.000
5.973	0.000
6.009	0.000
6.044	0.000
6.080	0.000
6.116	0.000
6.151	0.000
6.187	0.000
6.222	0.000
6.258	0.000
6.293	0.000
6.329	0.000
6.364	0.000
6.400	0.000
6.436	0.000
6.471	0.000
6.507	0.000
6.542	0.000
6.578	0.000
6.613	0.000
6.649	0.000
6.684	0.000
6.720	0.000
6.756	0.000
6.791	0.000
6.827	0.000
6.862	0.000
6.898	0.000
6.933	0.000
6.969	0.000
7.004	0.000
7.040	0.000
7.076	0.000
7.111	0.000
7.147	0.000
7.182	0.000
7.218	0.000
7.253	0.000
7.289	0.000
7.324	0.000
7.360	0.000
7.396	0.000
7.431	0.000
7.467	0.000
7.502	0.000

7.538	0.000
7.573	0.000
7.609	0.000
7.644	0.000
7.680	0.000
7.716	0.000
7.751	0.000
7.787	0.000
7.822	0.000
7.858	0.000
7.893	0.000
7.929	0.000
7.964	0.000
8.000	0.000
8.036	0.000
8.071	0.000
8.107	0.000
8.142	0.000
8.178	0.000
8.213	0.000
8.249	0.000
8.284	-0.000
8.320	-0.000
8.356	-0.000
8.391	-0.000
8.427	-0.000
8.462	-0.000
8.498	-0.000
8.533	-0.000
8.569	-0.000
8.604	-0.001
8.640	-0.001
8.676	-0.001
8.711	-0.001
8.747	-0.001
8.782	-0.001
8.818	-0.001
8.853	-0.002
8.889	-0.002
8.924	-0.002
8.960	-0.002
8.996	-0.002
9.031	-0.002
9.067	-0.003
9.102	-0.003
9.138	-0.003
9.173	-0.003
9.209	-0.003
9.244	-0.003
9.280	-0.004
9.316	-0.004
9.351	-0.004
9.387	-0.004
9.422	-0.004
9.458	-0.004
9.493	-0.005
9.529	-0.005
9.564	-0.005
9.600	-0.005
9.636	-0.005
9.671	-0.005
9.707	-0.006
9.742	-0.006
9.778	-0.006
9.813	-0.006

9.849	-0.006
9.884	-0.006
9.920	-0.007
9.956	-0.007
9.991	-0.007
10.027	-0.007
10.062	-0.007
10.098	-0.007
10.133	-0.008
10.169	-0.008
10.204	-0.008
10.240	-0.008
10.276	-0.008
10.311	-0.008
10.347	-0.009
10.382	-0.009
10.418	-0.009
10.453	-0.009
10.489	-0.009
10.524	-0.009
10.560	-0.010
10.596	-0.010
10.631	-0.010
10.667	-0.010
10.702	-0.010
10.738	-0.010
10.773	-0.010
10.809	-0.011
10.844	-0.011
10.880	-0.011
10.916	-0.011
10.951	-0.011
10.987	-0.011
11.022	-0.012
11.058	-0.012
11.093	-0.012
11.129	-0.012
11.164	-0.012
11.200	-0.012
11.236	-0.012
11.271	-0.013
11.307	-0.013
11.342	-0.013
11.378	-0.013
11.413	-0.013
11.449	-0.013
11.484	-0.014
11.520	-0.014
11.556	-0.014
11.591	-0.014
11.627	-0.014
11.662	-0.014
11.698	-0.014
11.733	-0.015
11.769	-0.015
11.804	-0.015
11.840	-0.015
11.876	-0.015
11.911	-0.015
11.947	-0.015
11.982	-0.016
12.018	-0.016
12.053	-0.016
12.089	-0.016
12.124	-0.016

12.160	-0.016
12.196	-0.016
12.231	-0.017
12.267	-0.017
12.302	-0.017
12.338	-0.017
12.373	-0.017
12.409	-0.017
12.444	-0.017
12.480	-0.018
12.516	-0.018
12.551	-0.018
12.587	-0.018
12.622	-0.018
12.658	-0.018
12.693	-0.018
12.729	-0.019
12.764	-0.019
12.800	-0.019
12.836	-0.019
12.871	-0.019
12.907	-0.019
12.942	-0.019
12.978	-0.020
13.013	-0.020
13.049	-0.020
13.084	-0.020
13.120	-0.020
13.156	-0.020
13.191	-0.020
13.227	-0.021
13.262	-0.021
13.298	-0.021
13.333	-0.021
13.369	-0.021
13.404	-0.021
13.440	-0.021
13.476	-0.021
13.511	-0.022
13.547	-0.022
13.582	-0.022
13.618	-0.022
13.653	-0.022
13.689	-0.022
13.724	-0.022
13.760	-0.022
13.796	-0.023
13.831	-0.023
13.867	-0.023
13.902	-0.023
13.938	-0.023
13.973	-0.023
14.009	-0.023
14.044	-0.024
14.080	-0.024
14.116	-0.024
14.151	-0.024
14.187	-0.024
14.222	-0.024
14.258	-0.024
14.293	-0.024
14.329	-0.025
14.364	-0.025
14.400	-0.025
14.436	-0.025

14.471	-0.025
14.507	-0.025
14.542	-0.025
14.578	-0.025
14.613	-0.026
14.649	-0.026
14.684	-0.026
14.720	-0.026
14.756	-0.026
14.791	-0.026
14.827	-0.026
14.862	-0.026
14.898	-0.027
14.933	-0.027
14.969	-0.027
15.004	-0.027
15.040	-0.027
15.076	-0.027
15.111	-0.027
15.147	-0.027
15.182	-0.027
15.218	-0.028
15.253	-0.028
15.289	-0.028
15.324	-0.028
15.360	-0.028
15.396	-0.028
15.431	-0.028
15.467	-0.028
15.502	-0.029
15.538	-0.029
15.573	-0.029
15.609	-0.029
15.644	-0.029
15.680	-0.029
15.716	-0.029
15.751	-0.029
15.787	-0.029
15.822	-0.030
15.858	-0.030
15.893	-0.030
15.929	-0.030
15.964	-0.030
16.000	-0.030
16.036	-0.030
16.071	-0.030
16.107	-0.031
16.142	-0.031
16.178	-0.031
16.213	-0.031
16.249	-0.031
16.284	-0.032
16.320	-0.032
16.356	-0.032
16.391	-0.032
16.427	-0.032
16.462	-0.033
16.498	-0.033
16.533	-0.033
16.569	-0.033
16.604	-0.033
16.640	-0.033
16.676	-0.033
16.711	-0.033
16.747	-0.034

16.782	-0.034
16.818	-0.034
16.853	-0.034
16.889	-0.034
16.924	-0.034
16.960	-0.034
16.996	-0.034
17.031	-0.035
17.067	-0.035
17.102	-0.035
17.138	-0.035
17.173	-0.035
17.209	-0.035
17.244	-0.035
17.280	-0.035
17.316	-0.036
17.351	-0.036
17.387	-0.036
17.422	-0.036
17.458	-0.036
17.493	-0.036
17.529	-0.036
17.564	-0.036
17.600	-0.036
17.636	-0.037
17.671	-0.037
17.707	-0.037
17.742	-0.037
17.778	-0.037
17.813	-0.037
17.849	-0.037
17.884	-0.037
17.920	-0.037
17.956	-0.037
17.991	-0.038
18.027	-0.038
18.062	-0.038
18.098	-0.038
18.133	-0.038
18.169	-0.038
18.204	-0.038
18.240	-0.038
18.276	-0.038
18.311	-0.039
18.347	-0.039
18.382	-0.039
18.418	-0.039
18.453	-0.039
18.489	-0.039
18.524	-0.039
18.560	-0.039
18.596	-0.039
18.631	-0.040
18.667	-0.040
18.702	-0.040
18.738	-0.040
18.773	-0.040
18.809	-0.040
18.844	-0.040
18.880	-0.040
18.916	-0.040
18.951	-0.040
18.987	-0.041
19.022	-0.041
19.058	-0.041

19.093	-0.041
19.129	-0.041
19.164	-0.041
19.200	-0.041
19.236	-0.041
19.271	-0.041
19.307	-0.041
19.342	-0.042
19.378	-0.042
19.413	-0.042
19.449	-0.042
19.484	-0.042
19.520	-0.042
19.556	-0.042
19.591	-0.042
19.627	-0.042
19.662	-0.042
19.698	-0.043
19.733	-0.043
19.769	-0.043
19.804	-0.043
19.840	-0.043
19.876	-0.043
19.911	-0.043
19.947	-0.043
19.982	-0.043
20.018	-0.043
20.053	-0.043
20.089	-0.044
20.124	-0.044
20.160	-0.044
20.196	-0.044
20.231	-0.044
20.267	-0.044
20.302	-0.044
20.338	-0.044
20.373	-0.044
20.409	-0.044
20.444	-0.045
20.480	-0.045
20.516	-0.045
20.551	-0.045
20.587	-0.045
20.622	-0.045
20.658	-0.045
20.693	-0.045
20.729	-0.045
20.764	-0.045
20.800	-0.045
20.836	-0.046
20.871	-0.046
20.907	-0.046
20.942	-0.046
20.978	-0.046
21.013	-0.046
21.049	-0.046
21.084	-0.046
21.120	-0.046
21.156	-0.046
21.191	-0.046
21.227	-0.047
21.262	-0.047
21.298	-0.047
21.333	-0.047
21.369	-0.047

21.404	-0.047
21.440	-0.047
21.476	-0.047
21.511	-0.047
21.547	-0.047
21.582	-0.047
21.618	-0.048
21.653	-0.048
21.689	-0.048
21.724	-0.048
21.760	-0.048
21.796	-0.048
21.831	-0.048
21.867	-0.048
21.902	-0.048
21.938	-0.048
21.973	-0.048
22.009	-0.048
22.044	-0.049
22.080	-0.049
22.116	-0.049
22.151	-0.049
22.187	-0.049
22.222	-0.049
22.258	-0.049
22.293	-0.049
22.329	-0.049
22.364	-0.049
22.400	-0.049
22.436	-0.049
22.471	-0.050
22.507	-0.050
22.542	-0.050
22.578	-0.050
22.613	-0.050
22.649	-0.050
22.684	-0.050
22.720	-0.050
22.756	-0.050
22.791	-0.050
22.827	-0.050
22.862	-0.050
22.898	-0.051
22.933	-0.051
22.969	-0.051
23.004	-0.051
23.040	-0.051
23.076	-0.051
23.111	-0.051
23.147	-0.051
23.182	-0.051
23.218	-0.051
23.253	-0.051
23.289	-0.051
23.324	-0.052
23.360	-0.052
23.396	-0.052
23.431	-0.052
23.467	-0.052
23.502	-0.052
23.538	-0.052
23.573	-0.052
23.609	-0.052
23.644	-0.052
23.680	-0.052

23.716	-0.052
23.751	-0.052
23.787	-0.053
23.822	-0.053
23.858	-0.053
23.893	-0.053
23.929	-0.053
23.964	-0.053
24.000	-0.053
24.036	-0.053
24.071	-0.054
24.107	-0.055
24.142	-0.057
24.178	-0.058
24.213	-0.060
24.249	-0.062
24.284	-0.063
24.320	-0.065
24.356	-0.066
24.391	-0.067
24.427	-0.067
24.462	-0.068
24.498	-0.069
24.533	-0.069
24.569	-0.070
24.604	-0.070
24.640	-0.071
24.676	-0.071
24.711	-0.072
24.747	-0.072
24.782	-0.072
24.818	-0.073
24.853	-0.073
24.889	-0.073
24.924	-0.073
24.960	-0.074
24.996	-0.074
25.031	-0.074
25.067	-0.074
25.102	-0.074
25.138	-0.075
25.173	-0.075
25.209	-0.075
25.244	-0.075
25.280	-0.075
25.316	-0.075
25.351	-0.076
25.387	-0.076
25.422	-0.076
25.458	-0.076
25.493	-0.076
25.529	-0.076
25.564	-0.076
25.600	-0.076
25.636	-0.077
25.671	-0.077
25.707	-0.077
25.742	-0.077
25.778	-0.077
25.813	-0.077
25.849	-0.077
25.884	-0.077
25.920	-0.077
25.956	-0.078
25.991	-0.078

26.027	-0.078
26.062	-0.078
26.098	-0.078
26.133	-0.078
26.169	-0.078
26.204	-0.078
26.240	-0.079
26.276	-0.079
26.311	-0.079
26.347	-0.079
26.382	-0.079
26.418	-0.079
26.453	-0.079
26.489	-0.079
26.524	-0.080
26.560	-0.080
26.596	-0.080
26.631	-0.080
26.667	-0.080
26.702	-0.080
26.738	-0.080
26.773	-0.080
26.809	-0.080
26.844	-0.081
26.880	-0.081
26.916	-0.081
26.951	-0.081
26.987	-0.081
27.022	-0.081
27.058	-0.081
27.093	-0.081
27.129	-0.081
27.164	-0.082
27.200	-0.082
27.236	-0.082
27.271	-0.082
27.307	-0.082
27.342	-0.082
27.378	-0.082
27.413	-0.082
27.449	-0.082
27.484	-0.083
27.520	-0.083
27.556	-0.083
27.591	-0.083
27.627	-0.083
27.662	-0.083
27.698	-0.083
27.733	-0.083
27.769	-0.083
27.804	-0.084
27.840	-0.084
27.876	-0.084
27.911	-0.084
27.947	-0.084
27.982	-0.084
28.018	-0.084
28.053	-0.084
28.089	-0.084
28.124	-0.084
28.160	-0.085
28.196	-0.085
28.231	-0.085
28.267	-0.085
28.302	-0.085

28.338	-0.085
28.373	-0.085
28.409	-0.085
28.444	-0.085
28.480	-0.085
28.516	-0.086
28.551	-0.086
28.587	-0.086
28.622	-0.086
28.658	-0.086
28.693	-0.086
28.729	-0.086
28.764	-0.086
28.800	-0.086
28.836	-0.087
28.871	-0.087
28.907	-0.087
28.942	-0.087
28.978	-0.087
29.013	-0.087
29.049	-0.087
29.084	-0.087
29.120	-0.087
29.156	-0.087
29.191	-0.087
29.227	-0.088
29.262	-0.088
29.298	-0.088
29.333	-0.088
29.369	-0.088
29.404	-0.088
29.440	-0.088
29.476	-0.088
29.511	-0.088
29.547	-0.088
29.582	-0.089
29.618	-0.089
29.653	-0.089
29.689	-0.089
29.724	-0.089
29.760	-0.089
29.796	-0.089
29.831	-0.089
29.867	-0.089
29.902	-0.089
29.938	-0.089
29.973	-0.090
30.009	-0.090
30.044	-0.090
30.080	-0.090
30.116	-0.090
30.151	-0.090
30.187	-0.090
30.222	-0.090
30.258	-0.090
30.293	-0.090
30.329	-0.091
30.364	-0.091
30.400	-0.091
30.436	-0.091
30.471	-0.091
30.507	-0.091
30.542	-0.091
30.578	-0.091
30.613	-0.091

30.649	-0.091
30.684	-0.091
30.720	-0.091
30.756	-0.092
30.791	-0.092
30.827	-0.092
30.862	-0.092
30.898	-0.092
30.933	-0.092
30.969	-0.092
31.004	-0.092
31.040	-0.092
31.076	-0.092
31.111	-0.092
31.147	-0.093
31.182	-0.093
31.218	-0.093
31.253	-0.093
31.289	-0.093
31.324	-0.093
31.360	-0.093
31.396	-0.093
31.431	-0.093
31.467	-0.093
31.502	-0.093
31.538	-0.093
31.573	-0.094
31.609	-0.094
31.644	-0.094
31.680	-0.094
31.716	-0.094
31.751	-0.094
31.787	-0.094
31.822	-0.094
31.858	-0.094
31.893	-0.094
31.929	-0.094
31.964	-0.094
32.000	-0.095
32.036	-0.099
32.071	-0.108
32.107	-0.124
32.142	-0.147
32.178	-0.173
32.213	-0.199
32.249	-0.222
32.284	-0.242
32.320	-0.259
32.356	-0.274
32.391	-0.286
32.427	-0.297
32.462	-0.307
32.498	-0.316
32.533	-0.324
32.569	-0.331
32.604	-0.337
32.640	-0.343
32.676	-0.348
32.711	-0.353
32.747	-0.358
32.782	-0.362
32.818	-0.365
32.853	-0.369
32.889	-0.372
32.924	-0.375

32.960	-0.377
32.996	-0.380
33.031	-0.382
33.067	-0.384
33.102	-0.386
33.138	-0.388
33.173	-0.389
33.209	-0.391
33.244	-0.392
33.280	-0.393
33.316	-0.394
33.351	-0.395
33.387	-0.396
33.422	-0.397
33.458	-0.398
33.493	-0.399
33.529	-0.400
33.564	-0.401
33.600	-0.402
33.636	-0.403
33.671	-0.404
33.707	-0.405
33.742	-0.405
33.778	-0.406
33.813	-0.407
33.849	-0.408
33.884	-0.409
33.920	-0.410
33.956	-0.411
33.991	-0.411
34.027	-0.412
34.062	-0.413
34.098	-0.414
34.133	-0.415
34.169	-0.415
34.204	-0.416
34.240	-0.417
34.276	-0.418
34.311	-0.419
34.347	-0.419
34.382	-0.420
34.418	-0.421
34.453	-0.422
34.489	-0.422
34.524	-0.423
34.560	-0.424
34.596	-0.425
34.631	-0.425
34.667	-0.426
34.702	-0.427
34.738	-0.428
34.773	-0.428
34.809	-0.429
34.844	-0.430
34.880	-0.430
34.916	-0.431
34.951	-0.432
34.987	-0.432
35.022	-0.433
35.058	-0.434
35.093	-0.427
35.129	-0.348
35.164	-0.269
35.200	-0.257
35.236	-0.246

35.271	-0.237
35.307	-0.228
35.342	-0.221
35.378	-0.214
35.413	-0.208
35.449	-0.202
35.484	-0.197
35.520	-0.192
35.556	-0.188
35.591	-0.184
35.627	-0.181
35.662	-0.177
35.698	-0.174
35.733	-0.171
35.769	-0.169
35.804	-0.166
35.840	-0.164
35.876	-0.161
35.911	-0.159
35.947	-0.157
35.982	-0.155
36.018	-0.154
36.053	-0.152
36.089	-0.150
36.124	-0.149
36.160	-0.147
36.196	-0.146
36.231	-0.144
36.267	-0.143
36.302	-0.142
36.338	-0.141
36.373	-0.140
36.409	-0.139
36.444	-0.138
36.480	-0.137
36.516	-0.136
36.551	-0.135
36.587	-0.134
36.622	-0.133
36.658	-0.132
36.693	-0.131
36.729	-0.131
36.764	-0.130
36.800	-0.129
36.836	-0.128
36.871	-0.128
36.907	-0.127
36.942	-0.126
36.978	-0.126
37.013	-0.125
37.049	-0.125
37.084	-0.124
37.120	-0.124
37.156	-0.123
37.191	-0.123
37.227	-0.122
37.262	-0.122
37.298	-0.121
37.333	-0.121
37.369	-0.120
37.404	-0.120
37.440	-0.119
37.476	-0.119
37.511	-0.119
37.547	-0.118

37.582	-0.118
37.618	-0.117
37.653	-0.117
37.689	-0.117
37.724	-0.116
37.760	-0.116
37.796	-0.116
37.831	-0.116
37.867	-0.115
37.902	-0.115
37.938	-0.115
37.973	-0.114
38.009	-0.114
38.044	-0.114
38.080	-0.114
38.116	-0.113
38.151	-0.113
38.187	-0.113
38.222	-0.113
38.258	-0.112
38.293	-0.112
38.329	-0.112
38.364	-0.112
38.400	-0.112
38.436	-0.111
38.471	-0.111
38.507	-0.111
38.542	-0.111
38.578	-0.111
38.613	-0.111
38.649	-0.110
38.684	-0.110
38.720	-0.110
38.756	-0.110
38.791	-0.110
38.827	-0.110
38.862	-0.109
38.898	-0.109
38.933	-0.109
38.969	-0.109
39.004	-0.109
39.040	-0.109
39.076	-0.109
39.111	-0.109
39.147	-0.108
39.182	-0.108
39.218	-0.108
39.253	-0.108
39.289	-0.108
39.324	-0.108
39.360	-0.108
39.396	-0.108
39.431	-0.108
39.467	-0.108
39.502	-0.107
39.538	-0.107
39.573	-0.107
39.609	-0.107
39.644	-0.107
39.680	-0.107
39.716	-0.107
39.751	-0.107
39.787	-0.107
39.822	-0.107
39.858	-0.107

39.893	-0.107
39.929	-0.107
39.964	-0.106
40.000	-0.106
40.036	-0.106
40.071	-0.106
40.107	-0.106
40.142	-0.106
40.178	-0.105
40.213	-0.105
40.249	-0.104
40.284	-0.103
40.320	-0.103
40.356	-0.102
40.391	-0.101
40.427	-0.101
40.462	-0.100
40.498	-0.100
40.533	-0.099
40.569	-0.098
40.604	-0.098
40.640	-0.097
40.676	-0.096
40.711	-0.096
40.747	-0.095
40.782	-0.095
40.818	-0.094
40.853	-0.094
40.889	-0.093
40.924	-0.093
40.960	-0.092
40.996	-0.092
41.031	-0.091
41.067	-0.091
41.102	-0.091
41.138	-0.090
41.173	-0.090
41.209	-0.089
41.244	-0.089
41.280	-0.089
41.316	-0.088
41.351	-0.088
41.387	-0.088
41.422	-0.087
41.458	-0.087
41.493	-0.087
41.529	-0.086
41.564	-0.086
41.600	-0.086
41.636	-0.085
41.671	-0.085
41.707	-0.085
41.742	-0.085
41.778	-0.084
41.813	-0.084
41.849	-0.084
41.884	-0.084
41.920	-0.083
41.956	-0.083
41.991	-0.083
42.027	-0.083
42.062	-0.082
42.098	-0.082
42.133	-0.082
42.169	-0.082

42.204	-0.081
42.240	-0.081
42.276	-0.081
42.311	-0.081
42.347	-0.080
42.382	-0.080
42.418	-0.080
42.453	-0.080
42.489	-0.080
42.524	-0.079
42.560	-0.079
42.596	-0.079
42.631	-0.079
42.667	-0.079
42.702	-0.078
42.738	-0.078
42.773	-0.078
42.809	-0.078
42.844	-0.078
42.880	-0.077
42.916	-0.077
42.951	-0.077
42.987	-0.077
43.022	-0.077
43.058	-0.077
43.093	-0.076
43.129	-0.076
43.164	-0.076
43.200	-0.076
43.236	-0.076
43.271	-0.076
43.307	-0.075
43.342	-0.075
43.378	-0.075
43.413	-0.075
43.449	-0.075
43.484	-0.075
43.520	-0.074
43.556	-0.074
43.591	-0.074
43.627	-0.074
43.662	-0.074
43.698	-0.074
43.733	-0.074
43.769	-0.073
43.804	-0.073
43.840	-0.073
43.876	-0.073
43.911	-0.073
43.947	-0.073
43.982	-0.073
44.018	-0.072
44.053	-0.072
44.089	-0.072
44.124	-0.072
44.160	-0.072
44.196	-0.072
44.231	-0.072
44.267	-0.072
44.302	-0.071
44.338	-0.071
44.373	-0.071
44.409	-0.071
44.444	-0.071
44.480	-0.071

44.516	-0.071
44.551	-0.071
44.587	-0.070
44.622	-0.070
44.658	-0.070
44.693	-0.070
44.729	-0.070
44.764	-0.070
44.800	-0.070
44.836	-0.070
44.871	-0.070
44.907	-0.069
44.942	-0.069
44.978	-0.069
45.013	-0.069
45.049	-0.069
45.084	-0.069
45.120	-0.069
45.156	-0.069
45.191	-0.069
45.227	-0.068
45.262	-0.068
45.298	-0.068
45.333	-0.068
45.369	-0.068
45.404	-0.068
45.440	-0.068
45.476	-0.068
45.511	-0.068
45.547	-0.068
45.582	-0.067
45.618	-0.067
45.653	-0.067
45.689	-0.067
45.724	-0.067
45.760	-0.067
45.796	-0.067
45.831	-0.067
45.867	-0.067
45.902	-0.067
45.938	-0.066
45.973	-0.066
46.009	-0.066
46.044	-0.066
46.080	-0.066
46.116	-0.066
46.151	-0.066
46.187	-0.066
46.222	-0.066
46.258	-0.066
46.293	-0.066
46.329	-0.066
46.364	-0.065
46.400	-0.065
46.436	-0.065
46.471	-0.065
46.507	-0.065
46.542	-0.065
46.578	-0.065
46.613	-0.065
46.649	-0.065
46.684	-0.065
46.720	-0.065
46.756	-0.065
46.791	-0.064

46.827	-0.064
46.862	-0.064
46.898	-0.064
46.933	-0.064
46.969	-0.064
47.004	-0.064
47.040	-0.064
47.076	-0.064
47.111	-0.064
47.147	-0.064
47.182	-0.064
47.218	-0.064
47.253	-0.063
47.289	-0.063
47.324	-0.063
47.360	-0.063
47.396	-0.063
47.431	-0.063
47.467	-0.063
47.502	-0.063
47.538	-0.063
47.573	-0.063
47.609	-0.063
47.644	-0.063
47.680	-0.063
47.716	-0.063
47.751	-0.063
47.787	-0.062
47.822	-0.062
47.858	-0.062
47.893	-0.062
47.929	-0.062
47.964	-0.062
48.000	-0.062
48.036	-0.062
48.071	-0.062
48.107	-0.062
48.142	-0.062
48.178	-0.062
48.213	-0.062
48.249	-0.062
48.284	-0.062
48.320	-0.062
48.356	-0.062
48.391	-0.062
48.427	-0.062
48.462	-0.062
48.498	-0.062
48.533	-0.062
48.569	-0.062
48.604	-0.062
48.640	-0.062
48.676	-0.062
48.711	-0.062
48.747	-0.062
48.782	-0.062
48.818	-0.062
48.853	-0.062
48.889	-0.062
48.924	-0.062
48.960	-0.062
48.996	-0.062
49.031	-0.062
49.067	-0.062
49.102	-0.062

49.138	-0.062
49.173	-0.062
49.209	-0.062
49.244	-0.062
49.280	-0.062
49.316	-0.062
49.351	-0.062
49.387	-0.062
49.422	-0.062
49.458	-0.062
49.493	-0.062
49.529	-0.062
49.564	-0.062
49.600	-0.062
49.636	-0.062
49.671	-0.062
49.707	-0.062
49.742	-0.062
49.778	-0.062
49.813	-0.062
49.849	-0.062
49.884	-0.062
49.920	-0.062
49.956	-0.062
49.991	-0.062
50.027	-0.062
50.062	-0.062
50.098	-0.062
50.133	-0.062
50.169	-0.062
50.204	-0.062
50.240	-0.062
50.276	-0.062
50.311	-0.062
50.347	-0.062
50.382	-0.062
50.418	-0.062
50.453	-0.061
50.489	-0.061
50.524	-0.061
50.560	-0.061
50.596	-0.061
50.631	-0.061
50.667	-0.061
50.702	-0.061
50.738	-0.061
50.773	-0.061
50.809	-0.061
50.844	-0.061
50.880	-0.061
50.916	-0.061
50.951	-0.061
50.987	-0.061
51.022	-0.061
51.058	-0.061
51.093	-0.061
51.129	-0.061
51.164	-0.061
51.200	-0.061
51.236	-0.061
51.271	-0.061
51.307	-0.061
51.342	-0.061
51.378	-0.061
51.413	-0.061

51.449	-0.061
51.484	-0.061
51.520	-0.061
51.556	-0.061
51.591	-0.061
51.627	-0.061
51.662	-0.061
51.698	-0.061
51.733	-0.061
51.769	-0.061
51.804	-0.061
51.840	-0.061
51.876	-0.061
51.911	-0.061
51.947	-0.061
51.982	-0.061
52.018	-0.061
52.053	-0.061
52.089	-0.061
52.124	-0.061
52.160	-0.061
52.196	-0.061
52.231	-0.061
52.267	-0.061
52.302	-0.061
52.338	-0.061
52.373	-0.061
52.409	-0.060
52.444	-0.060
52.480	-0.060
52.516	-0.060
52.551	-0.060
52.587	-0.060
52.622	-0.060
52.658	-0.060
52.693	-0.060
52.729	-0.060
52.764	-0.060
52.800	-0.060
52.836	-0.060
52.871	-0.060
52.907	-0.060
52.942	-0.060
52.978	-0.060
53.013	-0.060
53.049	-0.060
53.084	-0.060
53.120	-0.060
53.156	-0.060
53.191	-0.060
53.227	-0.060
53.262	-0.060
53.298	-0.060
53.333	-0.060
53.369	-0.060
53.404	-0.060
53.440	-0.060
53.476	-0.060
53.511	-0.060
53.547	-0.060
53.582	-0.060
53.618	-0.060
53.653	-0.060
53.689	-0.060
53.724	-0.060

53.760	-0.060
53.796	-0.060
53.831	-0.060
53.867	-0.060
53.902	-0.060
53.938	-0.060
53.973	-0.060
54.009	-0.060
54.044	-0.060
54.080	-0.060
54.116	-0.060
54.151	-0.060
54.187	-0.060
54.222	-0.060
54.258	-0.060
54.293	-0.060
54.329	-0.060
54.364	-0.060
54.400	-0.060
54.436	-0.060
54.471	-0.060
54.507	-0.060
54.542	-0.060
54.578	-0.060
54.613	-0.060
54.649	-0.060
54.684	-0.060
54.720	-0.060
54.756	-0.060
54.791	-0.060
54.827	-0.060
54.862	-0.059
54.898	-0.059
54.933	-0.059
54.969	-0.059
55.004	-0.059
55.040	-0.059
55.076	-0.059
55.111	-0.059
55.147	-0.059
55.182	-0.059
55.218	-0.059
55.253	-0.059
55.289	-0.059
55.324	-0.059
55.360	-0.059
55.396	-0.059
55.431	-0.059
55.467	-0.059
55.502	-0.059
55.538	-0.059
55.573	-0.059
55.609	-0.059
55.644	-0.059
55.680	-0.059
55.716	-0.059
55.751	-0.059
55.787	-0.059
55.822	-0.059
55.858	-0.059
55.893	-0.059
55.929	-0.059
55.964	-0.059
56.000	-0.059
56.036	-0.059

56.071	-0.059
56.107	-0.059
56.142	-0.059
56.178	-0.059
56.213	-0.059
56.249	-0.059
56.284	-0.059
56.320	-0.059
56.356	-0.059
56.391	-0.059
56.427	-0.059
56.462	-0.059
56.498	-0.059
56.533	-0.059
56.569	-0.059
56.604	-0.059
56.640	-0.059
56.676	-0.059
56.711	-0.059
56.747	-0.059
56.782	-0.059
56.818	-0.059
56.853	-0.059
56.889	-0.059
56.924	-0.059
56.960	-0.059
56.996	-0.059
57.031	-0.059
57.067	-0.059
57.102	-0.059
57.138	-0.059
57.173	-0.059
57.209	-0.059
57.244	-0.059
57.280	-0.059
57.316	-0.059
57.351	-0.059
57.387	-0.059
57.422	-0.059
57.458	-0.059
57.493	-0.059
57.529	-0.059
57.564	-0.059
57.600	-0.059
57.636	-0.059
57.671	-0.059
57.707	-0.059
57.742	-0.059
57.778	-0.059
57.813	-0.059
57.849	-0.059
57.884	-0.059
57.920	-0.059
57.956	-0.059
57.991	-0.059
58.027	-0.059
58.062	-0.059
58.098	-0.059
58.133	-0.059
58.169	-0.059
58.204	-0.059
58.240	-0.059
58.276	-0.059
58.311	-0.059
58.347	-0.059

58.382	-0.059
58.418	-0.059
58.453	-0.058
58.489	-0.058
58.524	-0.058
58.560	-0.058
58.596	-0.058
58.631	-0.058
58.667	-0.058
58.702	-0.058
58.738	-0.058
58.773	-0.058
58.809	-0.058
58.844	-0.058
58.880	-0.058
58.916	-0.058
58.951	-0.058
58.987	-0.058
59.022	-0.058
59.058	-0.058
59.093	-0.058
59.129	-0.058
59.164	-0.058
59.200	-0.058
59.236	-0.058
59.271	-0.058
59.307	-0.058
59.342	-0.058
59.378	-0.058
59.413	-0.058
59.449	-0.058
59.484	-0.058
59.520	-0.058
59.556	-0.058
59.591	-0.058
59.627	-0.058
59.662	-0.058
59.698	-0.058
59.733	-0.058
59.769	-0.058
59.804	-0.058
59.840	-0.058
59.876	-0.058
59.911	-0.058
59.947	-0.058
59.982	-0.058
60.018	-0.058
60.053	-0.058
60.089	-0.058
60.124	-0.058
60.160	-0.058
60.196	-0.058
60.231	-0.058
60.267	-0.058
60.302	-0.058
60.338	-0.058
60.373	-0.058
60.409	-0.058
60.444	-0.058
60.480	-0.058
60.516	-0.058
60.551	-0.058
60.587	-0.058
60.622	-0.058
60.658	-0.058

60.693	-0.058
60.729	-0.058
60.764	-0.058
60.800	-0.058
60.836	-0.058
60.871	-0.058
60.907	-0.058
60.942	-0.058
60.978	-0.058
61.013	-0.058
61.049	-0.058
61.084	-0.058
61.120	-0.058
61.156	-0.058
61.191	-0.058
61.227	-0.058
61.262	-0.058
61.298	-0.058
61.333	-0.058
61.369	-0.058
61.404	-0.058
61.440	-0.058
61.476	-0.058
61.511	-0.058
61.547	-0.058
61.582	-0.058
61.618	-0.058
61.653	-0.058
61.689	-0.058
61.724	-0.058
61.760	-0.058
61.796	-0.058
61.831	-0.058
61.867	-0.058
61.902	-0.058
61.938	-0.058
61.973	-0.058
62.009	-0.058
62.044	-0.058
62.080	-0.058
62.116	-0.058
62.151	-0.058
62.187	-0.058
62.222	-0.058
62.258	-0.058
62.293	-0.058
62.329	-0.058
62.364	-0.058
62.400	-0.058
62.436	-0.058
62.471	-0.058
62.507	-0.058
62.542	-0.058
62.578	-0.058
62.613	-0.058
62.649	-0.058
62.684	-0.058
62.720	-0.058
62.756	-0.058
62.791	-0.058
62.827	-0.058
62.862	-0.058
62.898	-0.058
62.933	-0.058
62.969	-0.058

63.004	-0.058
63.040	-0.058
63.076	-0.058
63.111	-0.058
63.147	-0.058
63.182	-0.058
63.218	-0.058
63.253	-0.058
63.289	-0.058
63.324	-0.058
63.360	-0.058
63.396	-0.058
63.431	-0.058
63.467	-0.058
63.502	-0.058
63.538	-0.058
63.573	-0.058
63.609	-0.058
63.644	-0.058
63.680	-0.058
63.716	-0.058
63.751	-0.058
63.787	-0.058
63.822	-0.058
63.858	-0.058
63.893	-0.058
63.929	-0.058
63.964	-0.058
64.000	-0.058
64.036	-0.058
64.071	-0.058
64.107	-0.058
64.142	-0.058
64.178	-0.058
64.213	-0.058
64.249	-0.058
64.284	-0.058
64.320	-0.058
64.356	-0.058
64.391	-0.058
64.427	-0.058
64.462	-0.058
64.498	-0.058
64.533	-0.058
64.569	-0.058
64.604	-0.058
64.640	-0.058
64.676	-0.058
64.711	-0.058
64.747	-0.058
64.782	-0.058
64.818	-0.058
64.853	-0.058
64.889	-0.058
64.924	-0.058
64.960	-0.058
64.996	-0.058
65.031	-0.058
65.067	-0.058
65.102	-0.058
65.138	-0.058
65.173	-0.058
65.209	-0.058
65.244	-0.058
65.280	-0.058

65.316	-0.058
65.351	-0.058
65.387	-0.058
65.422	-0.058
65.458	-0.058
65.493	-0.058
65.529	-0.058
65.564	-0.058
65.600	-0.058
65.636	-0.058
65.671	-0.058
65.707	-0.058
65.742	-0.058
65.778	-0.058
65.813	-0.058
65.849	-0.058
65.884	-0.058
65.920	-0.058
65.956	-0.058
65.991	-0.058
66.027	-0.058
66.062	-0.058
66.098	-0.058
66.133	-0.058
66.169	-0.058
66.204	-0.058
66.240	-0.058
66.276	-0.058
66.311	-0.058
66.347	-0.058
66.382	-0.058
66.418	-0.058
66.453	-0.058
66.489	-0.058
66.524	-0.058
66.560	-0.058
66.596	-0.058
66.631	-0.058
66.667	-0.058
66.702	-0.058
66.738	-0.058
66.773	-0.058
66.809	-0.058
66.844	-0.058
66.880	-0.058
66.916	-0.058
66.951	-0.058
66.987	-0.058
67.022	-0.058
67.058	-0.058
67.093	-0.058
67.129	-0.058
67.164	-0.058
67.200	-0.058
67.236	-0.058
67.271	-0.058
67.307	-0.058
67.342	-0.058
67.378	-0.058
67.413	-0.058
67.449	-0.058
67.484	-0.058
67.520	-0.058
67.556	-0.058
67.591	-0.058

67.627	-0.058
67.662	-0.058
67.698	-0.058
67.733	-0.058
67.769	-0.058
67.804	-0.058
67.840	-0.058
67.876	-0.058
67.911	-0.058
67.947	-0.058
67.982	-0.058
68.018	-0.058
68.053	-0.058
68.089	-0.058
68.124	-0.058
68.160	-0.058
68.196	-0.058
68.231	-0.058
68.267	-0.058
68.302	-0.058
68.338	-0.058
68.373	-0.058
68.409	-0.058
68.444	-0.058
68.480	-0.058
68.516	-0.058
68.551	-0.058
68.587	-0.058
68.622	-0.058
68.658	-0.058
68.693	-0.058
68.729	-0.058
68.764	-0.058
68.800	-0.058
68.836	-0.058
68.871	-0.058
68.907	-0.058
68.942	-0.058
68.978	-0.058
69.013	-0.058
69.049	-0.058
69.084	-0.058
69.120	-0.058
69.156	-0.058
69.191	-0.058
69.227	-0.058
69.262	-0.058
69.298	-0.058
69.333	-0.058
69.369	-0.058
69.404	-0.058
69.440	-0.058
69.476	-0.058
69.511	-0.058
69.547	-0.058
69.582	-0.058
69.618	-0.058
69.653	-0.058
69.689	-0.058
69.724	-0.058
69.760	-0.058
69.796	-0.058
69.831	-0.058
69.867	-0.058
69.902	-0.058

69.938	-0.058
69.973	-0.058
70.009	-0.058
70.044	-0.058
70.080	-0.058
70.116	-0.058
70.151	-0.058
70.187	-0.058
70.222	-0.058
70.258	-0.058
70.293	-0.058
70.329	-0.058
70.364	-0.058
70.400	-0.058
70.436	-0.058
70.471	-0.058
70.507	-0.058
70.542	-0.058
70.578	-0.058
70.613	-0.058
70.649	-0.058
70.684	-0.058
70.720	-0.058
70.756	-0.058
70.791	-0.058
70.827	-0.058
70.862	-0.058
70.898	-0.058
70.933	-0.058
70.969	-0.058
71.004	-0.058
71.040	-0.058
71.076	-0.058
71.111	-0.058
71.147	-0.058
71.182	-0.058
71.218	-0.058
71.253	-0.058
71.289	-0.058
71.324	-0.058
71.360	-0.058
71.396	-0.058
71.431	-0.058
71.467	-0.058
71.502	-0.058
71.538	-0.058
71.573	-0.058
71.609	-0.058
71.644	-0.058
71.680	-0.058
71.716	-0.058
71.751	-0.058
71.787	-0.058
71.822	-0.058
71.858	-0.058
71.893	-0.058
71.929	-0.058
71.964	-0.058
72.000	-0.058
72.036	-0.058
72.071	-0.058
72.107	-0.058
72.142	-0.058
72.178	-0.058
72.213	-0.057

72.249	-0.057
72.284	-0.057
72.320	-0.057
72.356	-0.057
72.391	-0.057
72.427	-0.057
72.462	-0.056
72.498	-0.056
72.533	-0.056
72.569	-0.056
72.604	-0.056
72.640	-0.056
72.676	-0.056
72.711	-0.055
72.747	-0.055
72.782	-0.055
72.818	-0.055
72.853	-0.055
72.889	-0.055
72.924	-0.055
72.960	-0.055
72.996	-0.054
73.031	-0.054
73.067	-0.054
73.102	-0.054
73.138	-0.054
73.173	-0.054
73.209	-0.054
73.244	-0.054
73.280	-0.054
73.316	-0.054
73.351	-0.054
73.387	-0.054
73.422	-0.053
73.458	-0.053
73.493	-0.053
73.529	-0.053
73.564	-0.053
73.600	-0.053
73.636	-0.053
73.671	-0.053
73.707	-0.053
73.742	-0.053
73.778	-0.053
73.813	-0.053
73.849	-0.053
73.884	-0.053
73.920	-0.053
73.956	-0.052
73.991	-0.052
74.027	-0.052
74.062	-0.052
74.098	-0.052
74.133	-0.052
74.169	-0.052
74.204	-0.052
74.240	-0.052
74.276	-0.052
74.311	-0.052
74.347	-0.052
74.382	-0.052
74.418	-0.052
74.453	-0.052
74.489	-0.052
74.524	-0.052

74.560	-0.052
74.596	-0.052
74.631	-0.051
74.667	-0.051
74.702	-0.051
74.738	-0.051
74.773	-0.051
74.809	-0.051
74.844	-0.051
74.880	-0.051
74.916	-0.051
74.951	-0.051
74.987	-0.051
75.022	-0.051
75.058	-0.051
75.093	-0.051
75.129	-0.051
75.164	-0.051
75.200	-0.051
75.236	-0.051
75.271	-0.051
75.307	-0.051
75.342	-0.051
75.378	-0.051
75.413	-0.051
75.449	-0.050
75.484	-0.050
75.520	-0.050
75.556	-0.050
75.591	-0.050
75.627	-0.050
75.662	-0.050
75.698	-0.050
75.733	-0.050
75.769	-0.050
75.804	-0.050
75.840	-0.050
75.876	-0.050
75.911	-0.050
75.947	-0.050
75.982	-0.050
76.018	-0.050
76.053	-0.050
76.089	-0.050
76.124	-0.050
76.160	-0.050
76.196	-0.050
76.231	-0.050
76.267	-0.050
76.302	-0.050
76.338	-0.050
76.373	-0.050
76.409	-0.049
76.444	-0.049
76.480	-0.049
76.516	-0.049
76.551	-0.049
76.587	-0.049
76.622	-0.049
76.658	-0.049
76.693	-0.049
76.729	-0.049
76.764	-0.049
76.800	-0.049
76.836	-0.049

76.871	-0.049
76.907	-0.049
76.942	-0.049
76.978	-0.049
77.013	-0.049
77.049	-0.049
77.084	-0.049
77.120	-0.049
77.156	-0.049
77.191	-0.049
77.227	-0.049
77.262	-0.049
77.298	-0.049
77.333	-0.049
77.369	-0.049
77.404	-0.049
77.440	-0.049
77.476	-0.049
77.511	-0.049
77.547	-0.048
77.582	-0.048
77.618	-0.048
77.653	-0.048
77.689	-0.048
77.724	-0.048
77.760	-0.048
77.796	-0.048
77.831	-0.048
77.867	-0.048
77.902	-0.048
77.938	-0.048
77.973	-0.048
78.009	-0.048
78.044	-0.048
78.080	-0.048
78.116	-0.048
78.151	-0.048
78.187	-0.048
78.222	-0.048
78.258	-0.048
78.293	-0.048
78.329	-0.048
78.364	-0.048
78.400	-0.048
78.436	-0.048
78.471	-0.048
78.507	-0.048
78.542	-0.048
78.578	-0.048
78.613	-0.048
78.649	-0.048
78.684	-0.048
78.720	-0.048
78.756	-0.048
78.791	-0.048
78.827	-0.048
78.862	-0.047
78.898	-0.047
78.933	-0.047
78.969	-0.047
79.004	-0.047
79.040	-0.047
79.076	-0.047
79.111	-0.047
79.147	-0.047

79.182	-0.047
79.218	-0.047
79.253	-0.047
79.289	-0.047
79.324	-0.047
79.360	-0.047
79.396	-0.047
79.431	-0.047
79.467	-0.047
79.502	-0.047
79.538	-0.047
79.573	-0.047
79.609	-0.047
79.644	-0.047
79.680	-0.047
79.716	-0.047
79.751	-0.047
79.787	-0.047
79.822	-0.047
79.858	-0.047
79.893	-0.047
79.929	-0.047
79.964	-0.047
80.000	-0.047
80.036	-0.047
80.071	-0.047
80.107	-0.047
80.142	-0.047
80.178	-0.047
80.213	-0.047
80.249	-0.047
80.284	-0.047
80.320	-0.047
80.356	-0.047
80.391	-0.047
80.427	-0.047
80.462	-0.047
80.498	-0.046
80.533	-0.046
80.569	-0.046
80.604	-0.046
80.640	-0.046
80.676	-0.046
80.711	-0.046
80.747	-0.046
80.782	-0.046
80.818	-0.046
80.853	-0.046
80.889	-0.046
80.924	-0.046
80.960	-0.046
80.996	-0.046
81.031	-0.046
81.067	-0.046
81.102	-0.046
81.138	-0.046
81.173	-0.046
81.209	-0.046
81.244	-0.046
81.280	-0.046
81.316	-0.046
81.351	-0.046
81.387	-0.046
81.422	-0.046
81.458	-0.046

81.493	-0.046
81.529	-0.046
81.564	-0.046
81.600	-0.046
81.636	-0.046
81.671	-0.046
81.707	-0.046
81.742	-0.046
81.778	-0.046
81.813	-0.046
81.849	-0.046
81.884	-0.046
81.920	-0.046
81.956	-0.046
81.991	-0.046
82.027	-0.046
82.062	-0.046
82.098	-0.046
82.133	-0.046
82.169	-0.046
82.204	-0.046
82.240	-0.046
82.276	-0.046
82.311	-0.046
82.347	-0.046
82.382	-0.046
82.418	-0.046
82.453	-0.046
82.489	-0.046
82.524	-0.046
82.560	-0.046
82.596	-0.045
82.631	-0.045
82.667	-0.045
82.702	-0.045
82.738	-0.045
82.773	-0.045
82.809	-0.045
82.844	-0.045
82.880	-0.045
82.916	-0.045
82.951	-0.045
82.987	-0.045
83.022	-0.045
83.058	-0.045
83.093	-0.045
83.129	-0.045
83.164	-0.045
83.200	-0.045
83.236	-0.045
83.271	-0.045
83.307	-0.045
83.342	-0.045
83.378	-0.045
83.413	-0.045
83.449	-0.045
83.484	-0.045
83.520	-0.045
83.556	-0.045
83.591	-0.045
83.627	-0.045
83.662	-0.045
83.698	-0.045
83.733	-0.045
83.769	-0.045

83.804	-0.045
83.840	-0.045
83.876	-0.045
83.911	-0.045
83.947	-0.045
83.982	-0.045
84.018	-0.045
84.053	-0.045
84.089	-0.045
84.124	-0.045
84.160	-0.045
84.196	-0.045
84.231	-0.045
84.267	-0.045
84.302	-0.045
84.338	-0.045
84.373	-0.045
84.409	-0.045
84.444	-0.045
84.480	-0.045
84.516	-0.045
84.551	-0.045
84.587	-0.045
84.622	-0.045
84.658	-0.045
84.693	-0.045
84.729	-0.045
84.764	-0.045
84.800	-0.045
84.836	-0.045
84.871	-0.044
84.907	-0.044
84.942	-0.044
84.978	-0.044
85.013	-0.044
85.049	-0.044
85.084	-0.044
85.120	-0.044
85.156	-0.044
85.191	-0.044
85.227	-0.044
85.262	-0.044
85.298	-0.044
85.333	-0.044
85.369	-0.044
85.404	-0.044
85.440	-0.044
85.476	-0.044
85.511	-0.044
85.547	-0.044
85.582	-0.044
85.618	-0.044
85.653	-0.044
85.689	-0.044
85.724	-0.044
85.760	-0.044
85.796	-0.044
85.831	-0.044
85.867	-0.044
85.902	-0.044
85.938	-0.044
85.973	-0.044
86.009	-0.044
86.044	-0.044
86.080	-0.044

86.116	-0.044
86.151	-0.044
86.187	-0.044
86.222	-0.044
86.258	-0.044
86.293	-0.044
86.329	-0.044
86.364	-0.044
86.400	-0.044
86.436	-0.044
86.471	-0.044
86.507	-0.044
86.542	-0.044
86.578	-0.044
86.613	-0.044
86.649	-0.044
86.684	-0.044
86.720	-0.044
86.756	-0.044
86.791	-0.044
86.827	-0.044
86.862	-0.044
86.898	-0.044
86.933	-0.044
86.969	-0.044
87.004	-0.044
87.040	-0.044
87.076	-0.044
87.111	-0.044
87.147	-0.044
87.182	-0.044
87.218	-0.044
87.253	-0.044
87.289	-0.044
87.324	-0.044
87.360	-0.044
87.396	-0.044
87.431	-0.044
87.467	-0.044
87.502	-0.044
87.538	-0.043
87.573	-0.043
87.609	-0.043
87.644	-0.043
87.680	-0.043
87.716	-0.043
87.751	-0.043
87.787	-0.043
87.822	-0.043
87.858	-0.043
87.893	-0.043
87.929	-0.043
87.964	-0.043
88.000	-0.043
88.036	-0.043
88.071	-0.043
88.107	-0.043
88.142	-0.043
88.178	-0.043
88.213	-0.043
88.249	-0.043
88.284	-0.043
88.320	-0.043
88.356	-0.043
88.391	-0.043

88.427	-0.043
88.462	-0.043
88.498	-0.043
88.533	-0.043
88.569	-0.043
88.604	-0.043
88.640	-0.043
88.676	-0.043
88.711	-0.043
88.747	-0.043
88.782	-0.043
88.818	-0.043
88.853	-0.043
88.889	-0.043
88.924	-0.043
88.960	-0.043
88.996	-0.043
89.031	-0.043
89.067	-0.043
89.102	-0.043
89.138	-0.043
89.173	-0.043
89.209	-0.043
89.244	-0.043
89.280	-0.043
89.316	-0.043
89.351	-0.043
89.387	-0.043
89.422	-0.043
89.458	-0.043
89.493	-0.043
89.529	-0.043
89.564	-0.043
89.600	-0.043
89.636	-0.043
89.671	-0.043
89.707	-0.043
89.742	-0.043
89.778	-0.043
89.813	-0.043
89.849	-0.043
89.884	-0.043
89.920	-0.043
89.956	-0.043
89.991	-0.042
90.027	-0.042
90.062	-0.042
90.098	-0.042
90.133	-0.042
90.169	-0.042
90.204	-0.042
90.240	-0.042
90.276	-0.042
90.311	-0.042
90.347	-0.042
90.382	-0.042
90.418	-0.042
90.453	-0.042
90.489	-0.042
90.524	-0.042
90.560	-0.042
90.596	-0.042
90.631	-0.042
90.667	-0.042
90.702	-0.042

90.738	-0.042
90.773	-0.042
90.809	-0.042
90.844	-0.042
90.880	-0.042
90.916	-0.042
90.951	-0.042
90.987	-0.042
91.022	-0.042
91.058	-0.042
91.093	-0.042
91.129	-0.042
91.164	-0.042
91.200	-0.042
91.236	-0.042
91.271	-0.042
91.307	-0.042
91.342	-0.042
91.378	-0.042
91.413	-0.042
91.449	-0.042
91.484	-0.042
91.520	-0.042
91.556	-0.042
91.591	-0.042
91.627	-0.042
91.662	-0.042
91.698	-0.042
91.733	-0.042
91.769	-0.042
91.804	-0.042
91.840	-0.042
91.876	-0.042
91.911	-0.042
91.947	-0.042
91.982	-0.042
92.018	-0.042
92.053	-0.042
92.089	-0.042
92.124	-0.042
92.160	-0.042
92.196	-0.042
92.231	-0.042
92.267	-0.042
92.302	-0.042
92.338	-0.042
92.373	-0.042
92.409	-0.042
92.444	-0.042
92.480	-0.042
92.516	-0.042
92.551	-0.042
92.587	-0.042
92.622	-0.042
92.658	-0.042
92.693	-0.042
92.729	-0.042
92.764	-0.042
92.800	-0.042
92.836	-0.042
92.871	-0.042
92.907	-0.042
92.942	-0.042
92.978	-0.041
93.013	-0.041

93.049	-0.041
93.084	-0.041
93.120	-0.041
93.156	-0.041
93.191	-0.041
93.227	-0.041
93.262	-0.041
93.298	-0.041
93.333	-0.041
93.369	-0.041
93.404	-0.041
93.440	-0.041
93.476	-0.041
93.511	-0.041
93.547	-0.041
93.582	-0.041
93.618	-0.041
93.653	-0.041
93.689	-0.041
93.724	-0.041
93.760	-0.041
93.796	-0.041
93.831	-0.041
93.867	-0.041
93.902	-0.041
93.938	-0.041
93.973	-0.041
94.009	-0.041
94.044	-0.041
94.080	-0.041
94.116	-0.041
94.151	-0.041
94.187	-0.041
94.222	-0.041
94.258	-0.041
94.293	-0.041
94.329	-0.041
94.364	-0.041
94.400	-0.041
94.436	-0.041
94.471	-0.041
94.507	-0.041
94.542	-0.041
94.578	-0.041
94.613	-0.041
94.649	-0.041
94.684	-0.041
94.720	-0.041
94.756	-0.041
94.791	-0.041
94.827	-0.041
94.862	-0.041
94.898	-0.041
94.933	-0.041
94.969	-0.041
95.004	-0.041
95.040	-0.041
95.076	-0.041
95.111	-0.041
95.147	-0.041
95.182	-0.041
95.218	-0.041
95.253	-0.041
95.289	-0.041
95.324	-0.041

95.360	-0.041
95.396	-0.041
95.431	-0.041
95.467	-0.041
95.502	-0.041
95.538	-0.041
95.573	-0.041
95.609	-0.041
95.644	-0.041
95.680	-0.041
95.716	-0.041
95.751	-0.041
95.787	-0.041
95.822	-0.041
95.858	-0.041
95.893	-0.041
95.929	-0.041
95.964	-0.041
96.000	-0.041
96.036	-0.041
96.071	-0.041
96.107	-0.041
96.142	-0.041
96.178	-0.041
96.213	-0.041
96.249	-0.041
96.284	-0.041
96.320	-0.041
96.356	-0.041
96.391	-0.041
96.427	-0.041
96.462	-0.041
96.498	-0.041
96.533	-0.041
96.569	-0.041
96.604	-0.041
96.640	-0.041
96.676	-0.041
96.711	-0.041
96.747	-0.041
96.782	-0.041
96.818	-0.041
96.853	-0.041
96.889	-0.041
96.924	-0.041
96.960	-0.041
96.996	-0.041
97.031	-0.041
97.067	-0.041
97.102	-0.041
97.138	-0.041
97.173	-0.041
97.209	-0.041
97.244	-0.041
97.280	-0.041
97.316	-0.041
97.351	-0.041
97.387	-0.041
97.422	-0.041
97.458	-0.041
97.493	-0.041
97.529	-0.041
97.564	-0.041
97.600	-0.041
97.636	-0.041

97.671	-0.042
97.707	-0.042
97.742	-0.042
97.778	-0.042
97.813	-0.042
97.849	-0.042
97.884	-0.042
97.920	-0.042
97.956	-0.042
97.991	-0.042
98.027	-0.042
98.062	-0.042
98.098	-0.042
98.133	-0.042
98.169	-0.042
98.204	-0.042
98.240	-0.042
98.276	-0.042
98.311	-0.042
98.347	-0.042
98.382	-0.042
98.418	-0.042
98.453	-0.042
98.489	-0.042
98.524	-0.042
98.560	-0.042
98.596	-0.042
98.631	-0.042
98.667	-0.042
98.702	-0.042
98.738	-0.042
98.773	-0.042
98.809	-0.042
98.844	-0.042
98.880	-0.042
98.916	-0.042
98.951	-0.042
98.987	-0.042
99.022	-0.042
99.058	-0.042
99.093	-0.042
99.129	-0.042
99.164	-0.042
99.200	-0.042
99.236	-0.042
99.271	-0.042
99.307	-0.042
99.342	-0.042
99.378	-0.042
99.413	-0.042
99.449	-0.042
99.484	-0.042
99.520	-0.042
99.556	-0.042
99.591	-0.042
99.627	-0.042
99.662	-0.042
99.698	-0.042
99.733	-0.042
99.769	-0.042
99.804	-0.042
99.840	-0.042
99.876	-0.042
99.911	-0.042
99.947	-0.042

99.982	-0.042
100.018	-0.042
100.053	-0.042
100.089	-0.042
100.124	-0.042
100.160	-0.042
100.196	-0.042
100.231	-0.042
100.267	-0.042
100.302	-0.042
100.338	-0.042
100.373	-0.042
100.409	-0.042
100.444	-0.042
100.480	-0.042
100.516	-0.042
100.551	-0.042
100.587	-0.042
100.622	-0.042
100.658	-0.042
100.693	-0.042
100.729	-0.042
100.764	-0.042
100.800	-0.042
100.836	-0.042
100.871	-0.042
100.907	-0.042
100.942	-0.042
100.978	-0.042
101.013	-0.042
101.049	-0.042
101.084	-0.042
101.120	-0.042
101.156	-0.042
101.191	-0.042
101.227	-0.042
101.262	-0.042
101.298	-0.042
101.333	-0.042
101.369	-0.042
101.404	-0.042
101.440	-0.042
101.476	-0.042
101.511	-0.042
101.547	-0.042
101.582	-0.042
101.618	-0.042
101.653	-0.042
101.689	-0.042
101.724	-0.042
101.760	-0.042
101.796	-0.042
101.831	-0.042
101.867	-0.042
101.902	-0.042
101.938	-0.042
101.973	-0.042
102.009	-0.042
102.044	-0.042
102.080	-0.042
102.116	-0.042
102.151	-0.042
102.187	-0.042
102.222	-0.042
102.258	-0.042

102.293	-0.042
102.329	-0.042
102.364	-0.042
102.400	-0.042
102.436	-0.042
102.471	-0.042
102.507	-0.042
102.542	-0.042
102.578	-0.042
102.613	-0.042
102.649	-0.042
102.684	-0.042
102.720	-0.042
102.756	-0.042
102.791	-0.042
102.827	-0.042
102.862	-0.042
102.898	-0.042
102.933	-0.042
102.969	-0.042
103.004	-0.042
103.040	-0.042
103.076	-0.042
103.111	-0.042
103.147	-0.042
103.182	-0.042
103.218	-0.042
103.253	-0.042
103.289	-0.042
103.324	-0.042
103.360	-0.042
103.396	-0.042
103.431	-0.042
103.467	-0.042
103.502	-0.042
103.538	-0.042
103.573	-0.042
103.609	-0.042
103.644	-0.042
103.680	-0.042
103.716	-0.042
103.751	-0.042
103.787	-0.042
103.822	-0.042
103.858	-0.042
103.893	-0.042
103.929	-0.042
103.964	-0.042
104.000	-0.042
104.036	-0.042
104.071	-0.042
104.107	-0.042
104.142	-0.042
104.178	-0.042
104.213	-0.042
104.249	-0.042
104.284	-0.042
104.320	-0.042
104.356	-0.042
104.391	-0.042
104.427	-0.042
104.462	-0.042
104.498	-0.042
104.533	-0.042
104.569	-0.042

104.604	-0.042
104.640	-0.042
104.676	-0.042
104.711	-0.042
104.747	-0.042
104.782	-0.042
104.818	-0.042
104.853	-0.042
104.889	-0.042
104.924	-0.042
104.960	-0.042
104.996	-0.042
105.031	-0.042
105.067	-0.042
105.102	-0.042
105.138	-0.042
105.173	-0.042
105.209	-0.042
105.244	-0.042
105.280	-0.042
105.316	-0.042
105.351	-0.042
105.387	-0.042
105.422	-0.042
105.458	-0.042
105.493	-0.042
105.529	-0.042
105.564	-0.042
105.600	-0.042
105.636	-0.042
105.671	-0.042
105.707	-0.042
105.742	-0.042
105.778	-0.042
105.813	-0.042
105.849	-0.042
105.884	-0.042
105.920	-0.042
105.956	-0.042
105.991	-0.042
106.027	-0.042
106.062	-0.042
106.098	-0.042
106.133	-0.042
106.169	-0.042
106.204	-0.042
106.240	-0.042
106.276	-0.042
106.311	-0.042
106.347	-0.042
106.382	-0.042
106.418	-0.042
106.453	-0.042
106.489	-0.042
106.524	-0.042
106.560	-0.042
106.596	-0.042
106.631	-0.042
106.667	-0.042
106.702	-0.042
106.738	-0.042
106.773	-0.042
106.809	-0.042
106.844	-0.042
106.880	-0.042

106.916	-0.042
106.951	-0.042
106.987	-0.042
107.022	-0.042
107.058	-0.042
107.093	-0.042
107.129	-0.042
107.164	-0.042
107.200	-0.042
107.236	-0.042
107.271	-0.042
107.307	-0.042
107.342	-0.042
107.378	-0.042
107.413	-0.042
107.449	-0.042
107.484	-0.042
107.520	-0.042
107.556	-0.042
107.591	-0.042
107.627	-0.042
107.662	-0.042
107.698	-0.042
107.733	-0.042
107.769	-0.042
107.804	-0.042
107.840	-0.042
107.876	-0.042
107.911	-0.042
107.947	-0.042
107.982	-0.042
108.018	-0.042
108.053	-0.042
108.089	-0.042
108.124	-0.042
108.160	-0.042
108.196	-0.042
108.231	-0.042
108.267	-0.042
108.302	-0.042
108.338	-0.042
108.373	-0.042
108.409	-0.042
108.444	-0.042
108.480	-0.042
108.516	-0.042
108.551	-0.042
108.587	-0.042
108.622	-0.042
108.658	-0.042
108.693	-0.042
108.729	-0.042
108.764	-0.042
108.800	-0.042
108.836	-0.042
108.871	-0.042
108.907	-0.042
108.942	-0.042
108.978	-0.042
109.013	-0.042
109.049	-0.042
109.084	-0.042
109.120	-0.042
109.156	-0.042
109.191	-0.042

109.227	-0.042
109.262	-0.042
109.298	-0.042
109.333	-0.042
109.369	-0.042
109.404	-0.042
109.440	-0.042
109.476	-0.042
109.511	-0.042
109.547	-0.042
109.582	-0.042
109.618	-0.042
109.653	-0.042
109.689	-0.042
109.724	-0.042
109.760	-0.042
109.796	-0.042
109.831	-0.042
109.867	-0.042
109.902	-0.042
109.938	-0.042
109.973	-0.042
110.009	-0.042
110.044	-0.042
110.080	-0.042
110.116	-0.042
110.151	-0.042
110.187	-0.042
110.222	-0.042
110.258	-0.042
110.293	-0.042
110.329	-0.042
110.364	-0.042
110.400	-0.042
110.436	-0.042
110.471	-0.042
110.507	-0.042
110.542	-0.042
110.578	-0.042
110.613	-0.042
110.649	-0.042
110.684	-0.042
110.720	-0.042
110.756	-0.042
110.791	-0.042
110.827	-0.042
110.862	-0.042
110.898	-0.042
110.933	-0.042
110.969	-0.042
111.004	-0.042
111.040	-0.042
111.076	-0.042
111.111	-0.042
111.147	-0.042
111.182	-0.042
111.218	-0.042
111.253	-0.042
111.289	-0.042
111.324	-0.042
111.360	-0.042
111.396	-0.042
111.431	-0.042
111.467	-0.042
111.502	-0.042

111.538	-0.042
111.573	-0.042
111.609	-0.042
111.644	-0.042
111.680	-0.042
111.716	-0.042
111.751	-0.042
111.787	-0.042
111.822	-0.042
111.858	-0.042
111.893	-0.042
111.929	-0.042
111.964	-0.042
112.000	-0.042
112.036	-0.042
112.071	-0.042
112.107	-0.042
112.142	-0.042
112.178	-0.042
112.213	-0.042
112.249	-0.042
112.284	-0.042
112.320	-0.042
112.356	-0.042
112.391	-0.042
112.427	-0.042
112.462	-0.042
112.498	-0.042
112.533	-0.042
112.569	-0.042
112.604	-0.042
112.640	-0.042
112.676	-0.042
112.711	-0.042
112.747	-0.042
112.782	-0.042
112.818	-0.042
112.853	-0.042
112.889	-0.042
112.924	-0.042
112.960	-0.042
112.996	-0.042
113.031	-0.042
113.067	-0.042
113.102	-0.042
113.138	-0.042
113.173	-0.042
113.209	-0.042
113.244	-0.042
113.280	-0.042
113.316	-0.042
113.351	-0.042
113.387	-0.042
113.422	-0.042
113.458	-0.042
113.493	-0.042
113.529	-0.042
113.564	-0.042
113.600	-0.042
113.636	-0.042
113.671	-0.042
113.707	-0.042
113.742	-0.042
113.778	-0.042
113.813	-0.042

113.849	-0.042
113.884	-0.042
113.920	-0.042
113.956	-0.042
113.991	-0.042
114.027	-0.042
114.062	-0.042
114.098	-0.042
114.133	-0.042
114.169	-0.042
114.204	-0.042
114.240	-0.042
114.276	-0.042
114.311	-0.042
114.347	-0.042
114.382	-0.042
114.418	-0.042
114.453	-0.042
114.489	-0.042
114.524	-0.042
114.560	-0.042
114.596	-0.042
114.631	-0.042
114.667	-0.042
114.702	-0.042
114.738	-0.042
114.773	-0.042
114.809	-0.042
114.844	-0.042
114.880	-0.042
114.916	-0.042
114.951	-0.042
114.987	-0.042
115.022	-0.042
115.058	-0.042
115.093	-0.042
115.129	-0.042
115.164	-0.042
115.200	-0.042
115.236	-0.042
115.271	-0.042
115.307	-0.042
115.342	-0.042
115.378	-0.042
115.413	-0.042
115.449	-0.042
115.484	-0.042
115.520	-0.042
115.556	-0.042
115.591	-0.042
115.627	-0.042
115.662	-0.042
115.698	-0.042
115.733	-0.042
115.769	-0.042
115.804	-0.042
115.840	-0.042
115.876	-0.042
115.911	-0.042
115.947	-0.042
115.982	-0.042
116.018	-0.042
116.053	-0.042
116.089	-0.042
116.124	-0.042

116.160	-0.042
116.196	-0.042
116.231	-0.042
116.267	-0.042
116.302	-0.042
116.338	-0.042
116.373	-0.042
116.409	-0.042
116.444	-0.042
116.480	-0.042
116.516	-0.042
116.551	-0.042
116.587	-0.042
116.622	-0.042
116.658	-0.042
116.693	-0.042
116.729	-0.042
116.764	-0.042
116.800	-0.042
116.836	-0.042
116.871	-0.042
116.907	-0.042
116.942	-0.042
116.978	-0.042
117.013	-0.042
117.049	-0.042
117.084	-0.042
117.120	-0.042
117.156	-0.042
117.191	-0.042
117.227	-0.042
117.262	-0.042
117.298	-0.042
117.333	-0.042
117.369	-0.042
117.404	-0.042
117.440	-0.042
117.476	-0.042
117.511	-0.042
117.547	-0.042
117.582	-0.042
117.618	-0.042
117.653	-0.042
117.689	-0.042
117.724	-0.042
117.760	-0.042
117.796	-0.042
117.831	-0.042
117.867	-0.042
117.902	-0.042
117.938	-0.042
117.973	-0.042
118.009	-0.042
118.044	-0.042
118.080	-0.042
118.116	-0.042
118.151	-0.042
118.187	-0.042
118.222	-0.042
118.258	-0.042
118.293	-0.042
118.329	-0.042
118.364	-0.042
118.400	-0.042
118.436	-0.042

118.471	-0.042
118.507	-0.042
118.542	-0.042
118.578	-0.042
118.613	-0.042
118.649	-0.042
118.684	-0.042
118.720	-0.042
118.756	-0.042
118.791	-0.042
118.827	-0.042
118.862	-0.042
118.898	-0.042
118.933	-0.042
118.969	-0.042
119.004	-0.042
119.040	-0.042
119.076	-0.042
119.111	-0.042
119.147	-0.042
119.182	-0.042
119.218	-0.042
119.253	-0.042
119.289	-0.042
119.324	-0.042
119.360	-0.042
119.396	-0.042
119.431	-0.042
119.467	-0.042
119.502	-0.042
119.538	-0.042
119.573	-0.042
119.609	-0.042
119.644	-0.042
119.680	-0.042
119.716	-0.042
119.751	-0.042
119.787	-0.042
119.822	-0.042
119.858	-0.042
119.893	-0.042
119.929	-0.042
119.964	-0.042
120.000	-0.042
120.036	-0.042
120.071	-0.042
120.107	-0.042
120.142	-0.042
120.178	-0.042
120.213	-0.042
120.249	-0.042
120.284	-0.042
120.320	-0.043
120.356	-0.043
120.391	-0.043
120.427	-0.043
120.462	-0.043
120.498	-0.044
120.533	-0.044
120.569	-0.044
120.604	-0.044
120.640	-0.044
120.676	-0.044
120.711	-0.045
120.747	-0.045

120.782	-0.045
120.818	-0.045
120.853	-0.045
120.889	-0.045
120.924	-0.045
120.960	-0.046
120.996	-0.046
121.031	-0.046
121.067	-0.046
121.102	-0.046
121.138	-0.046
121.173	-0.046
121.209	-0.046
121.244	-0.046
121.280	-0.047
121.316	-0.047
121.351	-0.047
121.387	-0.047
121.422	-0.047
121.458	-0.047
121.493	-0.047
121.529	-0.047
121.564	-0.047
121.600	-0.047
121.636	-0.047
121.671	-0.048
121.707	-0.048
121.742	-0.048
121.778	-0.048
121.813	-0.048
121.849	-0.048
121.884	-0.048
121.920	-0.048
121.956	-0.048
121.991	-0.048
122.027	-0.048
122.062	-0.048
122.098	-0.048
122.133	-0.049
122.169	-0.049
122.204	-0.049
122.240	-0.049
122.276	-0.049
122.311	-0.049
122.347	-0.049
122.382	-0.049
122.418	-0.049
122.453	-0.049
122.489	-0.049
122.524	-0.049
122.560	-0.049
122.596	-0.049
122.631	-0.049
122.667	-0.049
122.702	-0.050
122.738	-0.050
122.773	-0.050
122.809	-0.050
122.844	-0.050
122.880	-0.050
122.916	-0.050
122.951	-0.050
122.987	-0.050
123.022	-0.050
123.058	-0.050

123.093	-0.050
123.129	-0.050
123.164	-0.050
123.200	-0.050
123.236	-0.050
123.271	-0.050
123.307	-0.050
123.342	-0.051
123.378	-0.051
123.413	-0.051
123.449	-0.051
123.484	-0.051
123.520	-0.051
123.556	-0.051
123.591	-0.051
123.627	-0.051
123.662	-0.051
123.698	-0.051
123.733	-0.051
123.769	-0.051
123.804	-0.051
123.840	-0.051
123.876	-0.051
123.911	-0.051
123.947	-0.051
123.982	-0.051
124.018	-0.052
124.053	-0.052
124.089	-0.052
124.124	-0.052
124.160	-0.052
124.196	-0.052
124.231	-0.052
124.267	-0.052
124.302	-0.052
124.338	-0.052
124.373	-0.052
124.409	-0.052
124.444	-0.052
124.480	-0.052
124.516	-0.052
124.551	-0.052
124.587	-0.052
124.622	-0.052
124.658	-0.052
124.693	-0.052
124.729	-0.052
124.764	-0.052
124.800	-0.052
124.836	-0.052
124.871	-0.052
124.907	-0.052
124.942	-0.052
124.978	-0.052
125.013	-0.052
125.049	-0.052
125.084	-0.052
125.120	-0.052
125.156	-0.052
125.191	-0.052
125.227	-0.052
125.262	-0.052
125.298	-0.052
125.333	-0.052
125.369	-0.052

125.404	-0.052
125.440	-0.052
125.476	-0.052
125.511	-0.052
125.547	-0.052
125.582	-0.052
125.618	-0.052
125.653	-0.052
125.689	-0.052
125.724	-0.052
125.760	-0.052
125.796	-0.052
125.831	-0.052
125.867	-0.052
125.902	-0.052
125.938	-0.052
125.973	-0.052
126.009	-0.052
126.044	-0.052
126.080	-0.052
126.116	-0.052
126.151	-0.052
126.187	-0.052
126.222	-0.052
126.258	-0.052
126.293	-0.052
126.329	-0.052
126.364	-0.052
126.400	-0.052
126.436	-0.052
126.471	-0.051
126.507	-0.051
126.542	-0.051
126.578	-0.051
126.613	-0.051
126.649	-0.051
126.684	-0.051
126.720	-0.051
126.756	-0.051
126.791	-0.051
126.827	-0.051
126.862	-0.051
126.898	-0.051
126.933	-0.051
126.969	-0.051
127.004	-0.051
127.040	-0.051
127.076	-0.051
127.111	-0.051
127.147	-0.051
127.182	-0.051
127.218	-0.051
127.253	-0.050
127.289	-0.050
127.324	-0.050
127.360	-0.050
127.396	-0.050
127.431	-0.050
127.467	-0.050
127.502	-0.050
127.538	-0.050
127.573	-0.050
127.609	-0.050
127.644	-0.050
127.680	-0.050

127.716	-0.050
127.751	-0.050
127.787	-0.050
127.822	-0.050
127.858	-0.050
127.893	-0.050
127.929	-0.050
127.964	-0.050
128.000	-0.050
128.036	-0.049
128.071	-0.049
128.107	-0.049
128.142	-0.049
128.178	-0.049
128.213	-0.049
128.249	-0.049
128.284	-0.049
128.320	-0.049
128.356	-0.049
128.391	-0.049
128.427	-0.049
128.462	-0.049
128.498	-0.049
128.533	-0.049
128.569	-0.049
128.604	-0.049
128.640	-0.049
128.676	-0.049
128.711	-0.049
128.747	-0.049
128.782	-0.049
128.818	-0.049
128.853	-0.049
128.889	-0.048
128.924	-0.048
128.960	-0.048
128.996	-0.048
129.031	-0.048
129.067	-0.048
129.102	-0.048
129.138	-0.048
129.173	-0.048
129.209	-0.048
129.244	-0.048
129.280	-0.048
129.316	-0.048
129.351	-0.048
129.387	-0.048
129.422	-0.048
129.458	-0.048
129.493	-0.048
129.529	-0.048
129.564	-0.048
129.600	-0.048
129.636	-0.048
129.671	-0.048
129.707	-0.048
129.742	-0.048
129.778	-0.047
129.813	-0.047
129.849	-0.047
129.884	-0.047
129.920	-0.047
129.956	-0.047
129.991	-0.047

130.027	-0.047
130.062	-0.047
130.098	-0.047
130.133	-0.047
130.169	-0.047
130.204	-0.047
130.240	-0.047
130.276	-0.047
130.311	-0.047
130.347	-0.047
130.382	-0.047
130.418	-0.047
130.453	-0.047
130.489	-0.047
130.524	-0.047
130.560	-0.047
130.596	-0.047
130.631	-0.047
130.667	-0.047
130.702	-0.047
130.738	-0.046
130.773	-0.046
130.809	-0.046
130.845	-0.046
130.880	-0.046
130.916	-0.046
130.951	-0.046
130.987	-0.046
131.022	-0.046
131.058	-0.046
131.093	-0.046
131.129	-0.046
131.164	-0.046
131.200	-0.046
131.236	-0.046
131.271	-0.046
131.307	-0.046
131.342	-0.046
131.378	-0.046
131.413	-0.046
131.449	-0.046
131.485	-0.046
131.520	-0.046
131.556	-0.046
131.591	-0.046
131.627	-0.046
131.662	-0.046
131.698	-0.046
131.733	-0.046
131.769	-0.046
131.804	-0.046
131.840	-0.045
131.875	-0.045
131.911	-0.045
131.947	-0.045
131.982	-0.045
132.018	-0.045
132.053	-0.045
132.089	-0.045
132.125	-0.045
132.160	-0.045
132.196	-0.045
132.231	-0.045
132.267	-0.045
132.302	-0.045

132.338	-0.045
132.373	-0.045
132.409	-0.045
132.444	-0.045
132.480	-0.045
132.516	-0.045
132.551	-0.045
132.587	-0.045
132.622	-0.045
132.658	-0.045
132.693	-0.045
132.729	-0.045
132.765	-0.045
132.800	-0.045
132.836	-0.045
132.871	-0.045
132.907	-0.045
132.942	-0.045
132.978	-0.045
133.013	-0.045
133.049	-0.045
133.084	-0.044
133.120	-0.044
133.155	-0.044
133.191	-0.044
133.227	-0.044
133.262	-0.044
133.298	-0.044
133.333	-0.044
133.369	-0.044
133.404	-0.044
133.440	-0.044
133.476	-0.044
133.511	-0.044
133.547	-0.044
133.582	-0.044
133.618	-0.044
133.653	-0.044
133.689	-0.044
133.724	-0.044
133.760	-0.044
133.796	-0.044
133.831	-0.044
133.867	-0.044
133.902	-0.044
133.938	-0.044
133.973	-0.044
134.009	-0.044
134.044	-0.044
134.080	-0.044
134.116	-0.044
134.151	-0.044
134.187	-0.044
134.222	-0.044
134.258	-0.044
134.293	-0.044
134.329	-0.044
134.364	-0.044
134.400	-0.044
134.436	-0.044
134.471	-0.044
134.507	-0.044
134.542	-0.044
134.578	-0.044
134.613	-0.043

134.649	-0.043
134.684	-0.043
134.720	-0.043
134.756	-0.043
134.791	-0.043
134.827	-0.043
134.862	-0.043
134.898	-0.043
134.933	-0.043
134.969	-0.043
135.004	-0.043
135.040	-0.043
135.076	-0.043
135.111	-0.043
135.147	-0.043
135.182	-0.043
135.218	-0.043
135.253	-0.043
135.289	-0.043
135.324	-0.043
135.360	-0.043
135.396	-0.043
135.431	-0.043
135.467	-0.043
135.502	-0.043
135.538	-0.043
135.573	-0.043
135.609	-0.043
135.644	-0.043
135.680	-0.043
135.716	-0.043
135.751	-0.043
135.787	-0.043
135.822	-0.043
135.858	-0.043
135.893	-0.043
135.929	-0.043
135.964	-0.043
136.000	-0.043
136.036	-0.043
136.071	-0.043
136.107	-0.043
136.142	-0.043
136.178	-0.043
136.213	-0.043
136.249	-0.043
136.284	-0.043
136.320	-0.042
136.356	-0.042
136.391	-0.042
136.427	-0.042
136.462	-0.042
136.498	-0.042
136.533	-0.042
136.569	-0.042
136.604	-0.042
136.640	-0.042
136.676	-0.042
136.711	-0.042
136.747	-0.042
136.782	-0.042
136.818	-0.042
136.853	-0.042
136.889	-0.042
136.924	-0.042

136.960	-0.042
136.996	-0.042
137.031	-0.042
137.067	-0.042
137.102	-0.042
137.138	-0.042
137.173	-0.042
137.209	-0.042
137.244	-0.042
137.280	-0.042
137.316	-0.042
137.351	-0.042
137.387	-0.042
137.422	-0.042
137.458	-0.042
137.493	-0.042
137.529	-0.042
137.564	-0.042
137.600	-0.042
137.636	-0.042
137.671	-0.042
137.707	-0.042
137.742	-0.042
137.778	-0.042
137.813	-0.042
137.849	-0.042
137.884	-0.042
137.920	-0.042
137.956	-0.042
137.991	-0.042
138.027	-0.042
138.062	-0.042
138.098	-0.042
138.133	-0.042
138.169	-0.042
138.204	-0.042
138.240	-0.041
138.276	-0.041
138.311	-0.041
138.347	-0.041
138.382	-0.041
138.418	-0.041
138.453	-0.041
138.489	-0.041
138.524	-0.041
138.560	-0.041
138.596	-0.041
138.631	-0.041
138.667	-0.041
138.702	-0.041
138.738	-0.041
138.773	-0.041
138.809	-0.041
138.845	-0.041
138.880	-0.041
138.916	-0.041
138.951	-0.041
138.987	-0.041
139.022	-0.041
139.058	-0.041
139.093	-0.041
139.129	-0.041
139.164	-0.041
139.200	-0.041
139.236	-0.041

139.271	-0.041
139.307	-0.041
139.342	-0.041
139.378	-0.041
139.413	-0.041
139.449	-0.041
139.485	-0.041
139.520	-0.041
139.556	-0.041
139.591	-0.041
139.627	-0.041
139.662	-0.041
139.698	-0.041
139.733	-0.041
139.769	-0.041
139.804	-0.041
139.840	-0.041
139.875	-0.041
139.911	-0.041
139.947	-0.041
139.982	-0.041
140.018	-0.041
140.053	-0.041
140.089	-0.041
140.125	-0.041
140.160	-0.041
140.196	-0.041
140.231	-0.041
140.267	-0.041
140.302	-0.041
140.338	-0.041
140.373	-0.041
140.409	-0.041
140.444	-0.041
140.480	-0.041
140.516	-0.041
140.551	-0.041
140.587	-0.041
140.622	-0.041
140.658	-0.041
140.693	-0.041
140.729	-0.041
140.765	-0.041
140.800	-0.041
140.836	-0.040
140.871	-0.040
140.907	-0.040
140.942	-0.040
140.978	-0.040
141.013	-0.040
141.049	-0.040
141.084	-0.040
141.120	-0.040
141.155	-0.040
141.191	-0.040
141.227	-0.040
141.262	-0.040
141.298	-0.040
141.333	-0.040
141.369	-0.040
141.404	-0.040
141.440	-0.040
141.476	-0.040
141.511	-0.040
141.547	-0.040

141.582	-0.040
141.618	-0.040
141.653	-0.040
141.689	-0.040
141.724	-0.040
141.760	-0.040
141.796	-0.040
141.831	-0.040
141.867	-0.040
141.902	-0.040
141.938	-0.040
141.973	-0.040
142.009	-0.040
142.044	-0.040
142.080	-0.040
142.116	-0.040
142.151	-0.040
142.187	-0.040
142.222	-0.040
142.258	-0.040
142.293	-0.040
142.329	-0.040
142.364	-0.040
142.400	-0.040
142.436	-0.040
142.471	-0.040
142.507	-0.040
142.542	-0.040
142.578	-0.040
142.613	-0.040
142.649	-0.040
142.684	-0.040
142.720	-0.040
142.756	-0.040
142.791	-0.040
142.827	-0.040
142.862	-0.040
142.898	-0.040
142.933	-0.040
142.969	-0.040
143.004	-0.040
143.040	-0.040
143.076	-0.040
143.111	-0.040
143.147	-0.040
143.182	-0.040
143.218	-0.040
143.253	-0.040
143.289	-0.040
143.324	-0.040
143.360	-0.040
143.396	-0.040
143.431	-0.040
143.467	-0.040
143.502	-0.040
143.538	-0.040
143.573	-0.040
143.609	-0.040
143.644	-0.040
143.680	-0.040
143.716	-0.040
143.751	-0.040
143.787	-0.040
143.822	-0.040
143.858	-0.040

143.893	-0.039
143.929	-0.039
143.964	-0.039
144.000	-0.039
144.036	-0.039
144.071	-0.039
144.107	-0.039
144.142	-0.040
144.178	-0.040
144.213	-0.040
144.249	-0.040
144.284	-0.040
144.320	-0.040
144.356	-0.040
144.391	-0.040
144.427	-0.040
144.462	-0.040
144.498	-0.040
144.533	-0.040
144.569	-0.040
144.604	-0.040
144.640	-0.040
144.676	-0.040
144.711	-0.040
144.747	-0.040
144.782	-0.040
144.818	-0.040
144.853	-0.040
144.889	-0.040
144.924	-0.040
144.960	-0.040
144.996	-0.040
145.031	-0.040
145.067	-0.040
145.102	-0.040
145.138	-0.040
145.173	-0.040
145.209	-0.040
145.244	-0.040
145.280	-0.040
145.316	-0.040
145.351	-0.040
145.387	-0.040
145.422	-0.040
145.458	-0.040
145.493	-0.040
145.529	-0.040
145.564	-0.040
145.600	-0.040
145.636	-0.040
145.671	-0.040
145.707	-0.040
145.742	-0.040
145.778	-0.040
145.813	-0.040
145.849	-0.040
145.884	-0.040
145.920	-0.040
145.956	-0.040
145.991	-0.040
146.027	-0.040
146.062	-0.040
146.098	-0.040
146.133	-0.040
146.169	-0.040

146.204	-0.040
146.240	-0.040
146.276	-0.040
146.311	-0.040
146.347	-0.040
146.382	-0.040
146.418	-0.040
146.453	-0.040
146.489	-0.040
146.524	-0.040
146.560	-0.040
146.596	-0.040
146.631	-0.040
146.667	-0.040
146.702	-0.040
146.738	-0.040
146.773	-0.040
146.809	-0.040
146.845	-0.040
146.880	-0.040
146.916	-0.040
146.951	-0.040
146.987	-0.040
147.022	-0.040
147.058	-0.040
147.093	-0.040
147.129	-0.040
147.164	-0.040
147.200	-0.040
147.236	-0.039
147.271	-0.039
147.307	-0.039
147.342	-0.039
147.378	-0.039
147.413	-0.039
147.449	-0.039
147.485	-0.039
147.520	-0.039
147.556	-0.039
147.591	-0.039
147.627	-0.039
147.662	-0.039
147.698	-0.039
147.733	-0.039
147.769	-0.039
147.804	-0.039
147.840	-0.039
147.875	-0.039
147.911	-0.039
147.947	-0.039
147.982	-0.039
148.018	-0.039
148.053	-0.039
148.089	-0.039
148.125	-0.039
148.160	-0.039
148.196	-0.039
148.231	-0.039
148.267	-0.039
148.302	-0.039
148.338	-0.039
148.373	-0.039
148.409	-0.039
148.444	-0.039
148.480	-0.039

148.516	-0.039
148.551	-0.039
148.587	-0.039
148.622	-0.039
148.658	-0.039
148.693	-0.039
148.729	-0.039
148.765	-0.039
148.800	-0.039
148.836	-0.039
148.871	-0.039
148.907	-0.039
148.942	-0.039
148.978	-0.039
149.013	-0.039
149.049	-0.039
149.084	-0.039
149.120	-0.039
149.155	-0.039
149.191	-0.039
149.227	-0.039
149.262	-0.039
149.298	-0.039
149.333	-0.039
149.369	-0.039
149.404	-0.039
149.440	-0.039
149.476	-0.039
149.511	-0.039
149.547	-0.039
149.582	-0.039
149.618	-0.039
149.653	-0.039
149.689	-0.039
149.724	-0.039
149.760	-0.039
149.796	-0.039
149.831	-0.039
149.867	-0.039
149.902	-0.039
149.938	-0.039
149.973	-0.039
150.009	-0.039
150.044	-0.039
150.080	-0.039
150.116	-0.039
150.151	-0.039
150.187	-0.039
150.222	-0.039
150.258	-0.038
150.293	-0.038
150.329	-0.038
150.364	-0.038
150.400	-0.038
150.436	-0.038
150.471	-0.038
150.507	-0.038
150.542	-0.038
150.578	-0.038
150.613	-0.038
150.649	-0.038
150.684	-0.038
150.720	-0.038
150.756	-0.038
150.791	-0.038

150.827	-0.038
150.862	-0.038
150.898	-0.038
150.933	-0.038
150.969	-0.038
151.004	-0.038
151.040	-0.038
151.076	-0.038
151.111	-0.038
151.147	-0.038
151.182	-0.038
151.218	-0.038
151.253	-0.038
151.289	-0.038
151.324	-0.038
151.360	-0.038
151.396	-0.038
151.431	-0.038
151.467	-0.038
151.502	-0.038
151.538	-0.038
151.573	-0.038
151.609	-0.038
151.644	-0.038
151.680	-0.038
151.716	-0.038
151.751	-0.038
151.787	-0.038
151.822	-0.038
151.858	-0.038
151.893	-0.038
151.929	-0.038
151.964	-0.038
152.000	-0.038
152.036	-0.038
152.071	-0.038
152.107	-0.039
152.142	-0.040
152.178	-0.041
152.213	-0.042
152.249	-0.044
152.284	-0.045
152.320	-0.046
152.356	-0.047
152.391	-0.049
152.427	-0.050
152.462	-0.051
152.498	-0.052
152.533	-0.052
152.569	-0.053
152.604	-0.054
152.640	-0.055
152.676	-0.055
152.711	-0.056
152.747	-0.056
152.782	-0.057
152.818	-0.057
152.853	-0.058
152.889	-0.058
152.924	-0.059
152.960	-0.059
152.996	-0.059
153.031	-0.059
153.067	-0.060
153.102	-0.060

153.138	-0.060
153.173	-0.060
153.209	-0.060
153.244	-0.060
153.280	-0.060
153.316	-0.060
153.351	-0.060
153.387	-0.060
153.422	-0.060
153.458	-0.060
153.493	-0.060
153.529	-0.060
153.564	-0.060
153.600	-0.060
153.636	-0.060
153.671	-0.060
153.707	-0.060
153.742	-0.060
153.778	-0.060
153.813	-0.059
153.849	-0.059
153.884	-0.059
153.920	-0.059
153.956	-0.059
153.991	-0.059
154.027	-0.059
154.062	-0.059
154.098	-0.058
154.133	-0.058
154.169	-0.058
154.204	-0.058
154.240	-0.058
154.276	-0.058
154.311	-0.058
154.347	-0.058
154.382	-0.057
154.418	-0.057
154.453	-0.057
154.489	-0.057
154.524	-0.057
154.560	-0.057
154.596	-0.057
154.631	-0.056
154.667	-0.056
154.702	-0.056
154.738	-0.056
154.773	-0.056
154.809	-0.056
154.845	-0.056
154.880	-0.055
154.916	-0.055
154.951	-0.055
154.987	-0.055
155.022	-0.055
155.058	-0.055
155.093	-0.055
155.129	-0.054
155.164	-0.054
155.200	-0.054
155.236	-0.054
155.271	-0.054
155.307	-0.054
155.342	-0.054
155.378	-0.054
155.413	-0.053

155.449	-0.053
155.485	-0.053
155.520	-0.053
155.556	-0.053
155.591	-0.053
155.627	-0.053
155.662	-0.053
155.698	-0.052
155.733	-0.052
155.769	-0.052
155.804	-0.052
155.840	-0.052
155.875	-0.052
155.911	-0.052
155.947	-0.052
155.982	-0.052
156.018	-0.052
156.053	-0.051
156.089	-0.051
156.125	-0.051
156.160	-0.051
156.196	-0.051
156.231	-0.051
156.267	-0.051
156.302	-0.051
156.338	-0.051
156.373	-0.051
156.409	-0.050
156.444	-0.050
156.480	-0.050
156.516	-0.050
156.551	-0.050
156.587	-0.050
156.622	-0.050
156.658	-0.050
156.693	-0.050
156.729	-0.050
156.765	-0.050
156.800	-0.050
156.836	-0.049
156.871	-0.049
156.907	-0.049
156.942	-0.049
156.978	-0.049
157.013	-0.049
157.049	-0.049
157.084	-0.049
157.120	-0.049
157.155	-0.049
157.191	-0.049
157.227	-0.049
157.262	-0.049
157.298	-0.049
157.333	-0.048
157.369	-0.048
157.404	-0.048
157.440	-0.048
157.476	-0.048
157.511	-0.048
157.547	-0.048
157.582	-0.048
157.618	-0.048
157.653	-0.048
157.689	-0.048
157.724	-0.048

157.760	-0.048
157.796	-0.048
157.831	-0.048
157.867	-0.048
157.902	-0.048
157.938	-0.047
157.973	-0.047
158.009	-0.047
158.044	-0.047
158.080	-0.047
158.116	-0.047
158.151	-0.047
158.187	-0.047
158.222	-0.047
158.258	-0.047
158.293	-0.047
158.329	-0.047
158.364	-0.047
158.400	-0.047
158.436	-0.047
158.471	-0.047
158.507	-0.047
158.542	-0.047
158.578	-0.047
158.613	-0.047
158.649	-0.046
158.684	-0.046
158.720	-0.046
158.756	-0.046
158.791	-0.046
158.827	-0.046
158.862	-0.046
158.898	-0.046
158.933	-0.046
158.969	-0.046
159.004	-0.046
159.040	-0.046
159.076	-0.046
159.111	-0.046
159.147	-0.046
159.182	-0.046
159.218	-0.046
159.253	-0.046
159.289	-0.046
159.324	-0.046
159.360	-0.046
159.396	-0.046
159.431	-0.046
159.467	-0.046
159.502	-0.046
159.538	-0.046
159.573	-0.045
159.609	-0.045
159.644	-0.045
159.680	-0.045
159.716	-0.045
159.751	-0.045
159.787	-0.045
159.822	-0.045
159.858	-0.045
159.893	-0.045
159.929	-0.045
159.964	-0.045
160.000	-0.045
160.036	-0.045

160.071	-0.044
160.107	-0.043
160.142	-0.042
160.178	-0.040
160.213	-0.039
160.249	-0.037
160.284	-0.035
160.320	-0.034
160.356	-0.033
160.391	-0.031
160.427	-0.030
160.462	-0.029
160.498	-0.028
160.533	-0.028
160.569	-0.027
160.604	-0.026
160.640	-0.026
160.676	-0.025
160.711	-0.025
160.747	-0.024
160.782	-0.024
160.818	-0.023
160.853	-0.023
160.889	-0.023
160.924	-0.023
160.960	-0.022
160.996	-0.022
161.031	-0.022
161.067	-0.022
161.102	-0.022
161.138	-0.022
161.173	-0.022
161.209	-0.022
161.244	-0.022
161.280	-0.022
161.316	-0.022
161.351	-0.022
161.387	-0.022
161.422	-0.022
161.458	-0.022
161.493	-0.022
161.529	-0.022
161.564	-0.022
161.600	-0.022
161.636	-0.022
161.671	-0.022
161.707	-0.022
161.742	-0.022
161.778	-0.022
161.813	-0.022
161.849	-0.022
161.884	-0.022
161.920	-0.022
161.956	-0.023
161.991	-0.023
162.027	-0.023
162.062	-0.023
162.098	-0.023
162.133	-0.023
162.169	-0.023
162.204	-0.023
162.240	-0.023
162.276	-0.023
162.311	-0.023
162.347	-0.023

162.382	-0.023
162.418	-0.024
162.453	-0.024
162.489	-0.024
162.524	-0.024
162.560	-0.024
162.596	-0.024
162.631	-0.024
162.667	-0.024
162.702	-0.024
162.738	-0.024
162.773	-0.024
162.809	-0.024
162.845	-0.024
162.880	-0.025
162.916	-0.025
162.951	-0.025
162.987	-0.025
163.022	-0.025
163.058	-0.025
163.093	-0.025
163.129	-0.025
163.164	-0.025
163.200	-0.025
163.236	-0.025
163.271	-0.025
163.307	-0.025
163.342	-0.026
163.378	-0.026
163.413	-0.026
163.449	-0.026
163.485	-0.026
163.520	-0.026
163.556	-0.026
163.591	-0.026
163.627	-0.026
163.662	-0.026
163.698	-0.026
163.733	-0.026
163.769	-0.026
163.804	-0.026
163.840	-0.026
163.875	-0.026
163.911	-0.026
163.947	-0.027
163.982	-0.027
164.018	-0.027
164.053	-0.027
164.089	-0.027
164.125	-0.027
164.160	-0.027
164.196	-0.027
164.231	-0.027
164.267	-0.027
164.302	-0.027
164.338	-0.027
164.373	-0.027
164.409	-0.027
164.444	-0.027
164.480	-0.027
164.516	-0.027
164.551	-0.027
164.587	-0.028
164.622	-0.028
164.658	-0.028

164.693	-0.028
164.729	-0.028
164.765	-0.028
164.800	-0.028
164.836	-0.028
164.871	-0.028
164.907	-0.028
164.942	-0.028
164.978	-0.028
165.013	-0.028
165.049	-0.028
165.084	-0.028
165.120	-0.028
165.155	-0.028
165.191	-0.028
165.227	-0.028
165.262	-0.028
165.298	-0.028
165.333	-0.028
165.369	-0.028
165.404	-0.028
165.440	-0.029
165.476	-0.029
165.511	-0.029
165.547	-0.029
165.582	-0.029
165.618	-0.029
165.653	-0.029
165.689	-0.029
165.724	-0.029
165.760	-0.029
165.796	-0.029
165.831	-0.029
165.867	-0.029
165.902	-0.029
165.938	-0.029
165.973	-0.029
166.009	-0.029
166.044	-0.029
166.080	-0.029
166.116	-0.029
166.151	-0.029
166.187	-0.029
166.222	-0.029
166.258	-0.029
166.293	-0.029
166.329	-0.029
166.364	-0.029
166.400	-0.029
166.436	-0.029
166.471	-0.029
166.507	-0.029
166.542	-0.030
166.578	-0.030
166.613	-0.030
166.649	-0.030
166.684	-0.030
166.720	-0.030
166.756	-0.030
166.791	-0.030
166.827	-0.030
166.862	-0.030
166.898	-0.030
166.933	-0.030
166.969	-0.030

167.004	-0.030
167.040	-0.030
167.076	-0.030
167.111	-0.030
167.147	-0.030
167.182	-0.030
167.218	-0.030
167.253	-0.030
167.289	-0.030
167.324	-0.030
167.360	-0.030
167.396	-0.030
167.431	-0.030
167.467	-0.030
167.502	-0.030
167.538	-0.030
167.573	-0.030
167.609	-0.030
167.644	-0.030
167.680	-0.030
167.716	-0.030
167.751	-0.030
167.787	-0.030
167.822	-0.030
167.858	-0.030
167.893	-0.030
167.929	-0.030
167.964	-0.030
168.000	-0.030
168.036	-0.030
168.071	-0.030
168.107	-0.030
168.142	-0.030
168.178	-0.030
168.213	-0.029
168.249	-0.029
168.284	-0.029
168.320	-0.028
168.356	-0.028
168.391	-0.028
168.427	-0.028
168.462	-0.027
168.498	-0.027
168.533	-0.027
168.569	-0.027
168.604	-0.027
168.640	-0.027
168.676	-0.026
168.711	-0.026
168.747	-0.026
168.782	-0.026
168.818	-0.026
168.853	-0.026
168.889	-0.026
168.924	-0.026
168.960	-0.026
168.996	-0.025
169.031	-0.025
169.067	-0.025
169.102	-0.025
169.138	-0.025
169.173	-0.025
169.209	-0.025
169.244	-0.025
169.280	-0.025

169.316	-0.025
169.351	-0.025
169.387	-0.025
169.422	-0.025
169.458	-0.025
289.458	0.008
409.458	-0.010
505.458	-0.009
529.458	-0.008
649.458	-0.006
769.458	-0.003
889.458	0.000

Name: Hyd-8 Node: Node202 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.036	0.000
0.071	0.000
0.107	0.000
0.142	0.000
0.178	0.000
0.213	0.000
0.249	0.000
0.284	0.000
0.320	0.000
0.356	0.000
0.391	0.000
0.427	0.000
0.462	0.000
0.498	0.000
0.533	0.000
0.569	0.000
0.604	0.000
0.640	0.000
0.676	0.000
0.711	0.000
0.747	0.000
0.782	0.000
0.818	0.000
0.853	0.000
0.889	0.000
0.924	0.000
0.960	0.000
0.996	0.000
1.031	0.000
1.067	0.000
1.102	0.000
1.138	0.000
1.173	0.000
1.209	0.000
1.244	0.000
1.280	0.000
1.316	0.000
1.351	-0.000
1.387	-0.000
1.422	-0.002
1.458	-0.005
1.493	-0.011
1.529	-0.021
1.564	-0.035
1.600	-0.053
1.636	-0.073

1.671	-0.096
1.707	-0.120
1.742	-0.146
1.778	-0.173
1.813	-0.200
1.849	-0.227
1.884	-0.255
1.920	-0.283
1.956	-0.311
1.991	-0.340
2.027	-0.370
2.062	-0.405
2.098	-0.445
2.133	-0.493
2.169	-0.545
2.204	-0.597
2.240	-0.649
2.276	-0.699
2.311	-0.747
2.347	-0.779
2.382	-0.788
2.418	-0.788
2.453	-0.788
2.489	-0.788
2.524	-0.788
2.560	-0.789
2.596	-0.789
2.631	-0.790
2.667	-0.790
2.702	-0.791
2.738	-0.792
2.773	-0.792
2.809	-0.793
2.844	-0.794
2.880	-0.794
2.916	-0.795
2.951	-0.796
2.987	-0.797
3.022	-0.798
3.058	-0.799
3.093	-0.801
3.129	-0.802
3.164	-0.805
3.200	-0.807
3.236	-0.811
3.271	-0.814
3.307	-0.818
3.342	-0.822
3.378	-0.827
3.413	-0.831
3.449	-0.836
3.484	-0.841
3.520	-0.847
3.556	-0.852
3.591	-0.857
3.627	-0.863
3.662	-0.869
3.698	-0.875
3.733	-0.880
3.769	-0.886
3.804	-0.892
3.840	-0.898
3.876	-0.905
3.911	-0.911
3.947	-0.917

3.982	-0.923
4.018	-0.929
4.053	-0.934
4.089	-0.935
4.124	-0.935
4.160	-0.935
4.196	-0.935
4.231	-0.935
4.267	-0.935
4.302	-0.935
4.338	-0.935
4.373	-0.935
4.409	-0.935
4.444	-0.935
4.480	-1.454
4.516	-1.473
4.551	-0.939
4.587	-0.874
4.622	-0.813
4.658	-0.757
4.693	-0.707
4.729	-0.662
4.764	-0.623
4.800	-0.589
4.836	-0.559
4.871	-0.533
4.907	-0.511
4.942	-0.494
4.978	-0.479
5.013	-0.466
5.049	-0.455
5.084	-0.443
5.120	-0.432
5.156	-0.421
5.191	-0.411
5.227	-0.400
5.262	-0.391
5.298	-0.381
5.333	-0.372
5.369	-0.364
5.404	-0.356
5.440	-0.349
5.476	-0.342
5.511	-0.336
5.547	-0.330
5.582	-0.324
5.618	-0.318
5.653	-0.313
5.689	-0.308
5.724	-0.303
5.760	-0.298
5.796	-0.294
5.831	-0.290
5.867	-0.286
5.902	-0.282
5.938	-0.278
5.973	-0.275
6.009	-0.271
6.044	-0.268
6.080	-0.265
6.116	-0.262
6.151	-0.259
6.187	-0.255
6.222	-0.253
6.258	-0.250

6.293	-0.247
6.329	-0.244
6.364	-0.242
6.400	-0.239
6.436	-0.237
6.471	-0.235
6.507	-0.232
6.542	-0.230
6.578	-0.228
6.613	-0.226
6.649	-0.224
6.684	-0.222
6.720	-0.220
6.756	-0.218
6.791	-0.217
6.827	-0.215
6.862	-0.213
6.898	-0.212
6.933	-0.210
6.969	-0.209
7.004	-0.207
7.040	-0.206
7.076	-0.204
7.111	-0.202
7.147	-0.200
7.182	-0.198
7.218	-0.197
7.253	-0.195
7.289	-0.193
7.324	-0.191
7.360	-0.190
7.396	-0.188
7.431	-0.186
7.467	-0.185
7.502	-0.183
7.538	-0.182
7.573	-0.181
7.609	-0.179
7.644	-0.178
7.680	-0.177
7.716	-0.176
7.751	-0.174
7.787	-0.173
7.822	-0.172
7.858	-0.171
7.893	-0.170
7.929	-0.169
7.964	-0.168
8.000	-0.167
8.036	-0.166
8.071	-0.165
8.107	-0.164
8.142	-0.162
8.178	-0.160
8.213	-0.159
8.249	-0.157
8.284	-0.155
8.320	-0.154
8.356	-0.152
8.391	-0.151
8.427	-0.150
8.462	-0.148
8.498	-0.147
8.533	-0.146
8.569	-0.145

8.604	-0.144
8.640	-0.143
8.676	-0.142
8.711	-0.141
8.747	-0.140
8.782	-0.139
8.818	-0.138
8.853	-0.137
8.889	-0.136
8.924	-0.136
8.960	-0.135
8.996	-0.134
9.031	-0.133
9.067	-0.133
9.102	-0.132
9.138	-0.131
9.173	-0.131
9.209	-0.130
9.244	-0.130
9.280	-0.129
9.316	-0.128
9.351	-0.128
9.387	-0.127
9.422	-0.127
9.458	-0.126
129.458	0.015
249.458	-0.011
345.458	-0.008
369.458	-0.007
489.458	0.000
609.458	0.000
729.458	0.000

Name: Hyd-10 Node: Node202 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.036	0.000
0.071	0.000
0.107	0.000
0.142	0.000
0.178	0.000
0.213	0.000
0.249	0.000
0.284	0.000
0.320	0.000
0.356	0.000
0.391	0.000
0.427	0.000
0.462	0.000
0.498	0.000
0.533	0.000
0.569	0.000
0.604	0.000
0.640	0.000
0.676	0.000
0.711	0.000
0.747	0.000
0.782	0.000
0.818	0.000
0.853	0.000
0.889	0.000
0.924	0.000

0.960	0.000
0.996	0.000
1.031	0.000
1.067	0.000
1.102	0.000
1.138	0.000
1.173	0.000
1.209	0.000
1.244	0.000
1.280	0.000
1.316	0.000
1.351	0.000
1.387	0.000
1.422	0.000
1.458	0.000
1.493	0.000
1.529	0.000
1.564	0.000
1.600	0.000
1.636	0.000
1.671	0.000
1.707	0.000
1.742	0.000
1.778	0.000
1.813	0.000
1.849	0.000
1.884	0.000
1.920	0.000
1.956	0.000
1.991	0.000
2.027	0.000
2.062	0.000
2.098	0.000
2.133	0.000
2.169	0.000
2.204	0.000
2.240	0.000
2.276	0.000
2.311	0.000
2.347	0.000
2.382	0.000
2.418	0.000
2.453	0.000
2.489	0.000
2.524	0.000
2.560	0.000
2.596	0.000
2.631	0.000
2.667	0.000
2.702	0.000
2.738	0.000
2.773	0.000
2.809	0.000
2.844	0.000
2.880	0.000
2.916	0.000
2.951	0.000
2.987	0.000
3.022	0.000
3.058	0.000
3.093	0.000
3.129	0.000
3.164	0.000
3.200	0.000
3.236	0.000

3.271	0.000
3.307	0.000
3.342	0.000
3.378	0.000
3.413	0.000
3.449	0.000
3.484	0.000
3.520	0.000
3.556	0.000
3.591	0.000
3.627	0.000
3.662	0.000
3.698	0.000
3.733	0.000
3.769	0.000
3.804	0.000
3.840	0.000
3.876	0.000
3.911	0.000
3.947	0.000
3.982	0.000
4.018	0.000
4.053	0.000
4.089	0.000
4.124	0.000
4.160	0.000
4.196	0.000
4.231	0.000
4.267	0.000
4.302	0.000
4.338	0.000
4.373	0.000
4.409	0.000
4.444	0.000
4.480	0.000
4.516	0.000
4.551	0.000
4.587	0.000
4.622	0.000
4.658	0.000
4.693	0.000
4.729	0.000
4.764	0.000
4.800	0.000
4.836	0.000
4.871	0.000
4.907	0.000
4.942	0.000
4.978	0.000
5.013	0.000
5.049	0.000
5.084	0.000
5.120	0.000
5.156	0.000
5.191	0.000
5.227	0.000
5.262	0.000
5.298	0.000
5.333	0.000
5.369	0.000
5.404	0.000
5.440	0.000
5.476	0.000
5.511	0.000
5.547	0.000

5.582	0.000
5.618	0.000
5.653	0.000
5.689	0.000
5.724	0.000
5.760	0.000
5.796	0.000
5.831	0.000
5.867	0.000
5.902	0.000
5.938	0.000
5.973	0.000
6.009	0.000
6.044	0.000
6.080	0.000
6.116	0.000
6.151	0.000
6.187	0.000
6.222	0.000
6.258	0.000
6.293	0.000
6.329	0.000
6.364	0.000
6.400	0.000
6.436	0.000
6.471	0.000
6.507	0.000
6.542	0.000
6.578	0.000
6.613	0.000
6.649	0.000
6.684	0.000
6.720	0.000
6.756	0.000
6.791	0.000
6.827	0.000
6.862	0.000
6.898	0.000
6.933	0.000
6.969	0.000
7.004	0.000
7.040	0.000
7.076	0.000
7.111	0.000
7.147	0.000
7.182	0.000
7.218	0.000
7.253	0.000
7.289	0.000
7.324	0.000
7.360	0.000
7.396	0.000
7.431	0.000
7.467	0.000
7.502	0.000
7.538	0.000
7.573	0.000
7.609	0.000
7.644	0.000
7.680	0.000
7.716	0.000
7.751	0.000
7.787	0.000
7.822	0.000
7.858	0.000

7.893	0.000
7.929	0.000
7.964	0.000
8.000	0.000
8.036	0.000
8.071	0.000
8.107	0.000
8.142	0.000
8.178	0.000
8.213	0.000
8.249	0.000
8.284	0.000
8.320	0.000
8.356	0.000
8.391	0.000
8.427	0.000
8.462	0.000
8.498	0.000
8.533	0.000
8.569	0.000
8.604	0.000
8.640	0.000
8.676	0.000
8.711	0.000
8.747	0.000
8.782	0.000
8.818	0.000
8.853	0.000
8.889	0.000
8.924	0.000
8.960	0.000
8.996	0.000
9.031	0.000
9.067	0.000
9.102	0.000
9.138	0.000
9.173	0.000
9.209	0.000
9.244	0.000
9.280	0.000
9.316	0.000
9.351	0.000
9.387	0.000
9.422	0.000
9.458	0.000
9.493	0.000
9.529	0.000
9.564	0.000
9.600	0.000
9.636	0.000
9.671	0.000
9.707	0.000
9.742	0.000
9.778	0.000
9.813	0.000
9.849	0.000
9.884	0.000
9.920	0.000
9.956	0.000
9.991	0.000
10.027	0.000
10.062	0.000
10.098	0.000
10.133	0.000
10.169	0.000

10.204	0.000
10.240	0.000
10.276	0.000
10.311	0.000
10.347	0.000
10.382	0.000
10.418	0.000
10.453	0.000
10.489	0.000
10.524	0.000
10.560	0.000
10.596	0.000
10.631	0.000
10.667	0.000
10.702	0.000
10.738	0.000
10.773	0.000
10.809	0.000
10.844	0.000
10.880	0.000
10.916	0.000
10.951	0.000
10.987	0.000
11.022	0.000
11.058	0.000
11.093	0.000
11.129	0.000
11.164	0.000
11.200	0.000
11.236	0.000
11.271	0.000
11.307	0.000
11.342	0.000
11.378	0.000
11.413	0.000
11.449	0.000
11.484	0.000
11.520	0.000
11.556	0.000
11.591	0.000
11.627	0.000
11.662	0.000
11.698	0.000
11.733	0.000
11.769	0.000
11.804	0.000
11.840	0.000
11.876	0.000
11.911	0.000
11.947	0.000
11.982	0.000
12.018	0.000
12.053	0.000
12.089	0.000
12.124	0.000
12.160	0.000
12.196	0.000
12.231	0.000
12.267	0.000
12.302	0.000
12.338	0.000
12.373	0.000
12.409	0.000
12.444	0.000
12.480	0.000

12.516	0.000
12.551	0.000
12.587	0.000
12.622	0.000
12.658	0.000
12.693	0.000
12.729	0.000
12.764	0.000
12.800	0.000
12.836	0.000
12.871	0.000
12.907	0.000
12.942	0.000
12.978	0.000
13.013	0.000
13.049	0.000
13.084	0.000
13.120	0.000
13.156	0.000
13.191	0.000
13.227	0.000
13.262	0.000
13.298	0.000
13.333	0.000
13.369	0.000
13.404	0.000
13.440	0.000
13.476	0.000
13.511	0.000
13.547	0.000
13.582	0.000
13.618	0.000
13.653	0.000
13.689	0.000
13.724	0.000
13.760	0.000
13.796	0.000
13.831	0.000
13.867	0.000
13.902	0.000
13.938	0.000
13.973	0.000
14.009	0.000
14.044	0.000
14.080	0.000
14.116	0.000
14.151	0.000
14.187	0.000
14.222	0.000
14.258	0.000
14.293	0.000
14.329	0.000
14.364	0.000
14.400	0.000
14.436	0.000
14.471	0.000
14.507	0.000
14.542	0.000
14.578	0.000
14.613	0.000
14.649	0.000
14.684	0.000
14.720	0.000
14.756	-0.000
14.791	-0.000

14.827	-0.000
14.862	-0.000
14.898	-0.000
14.933	-0.000
14.969	-0.000
15.004	-0.000
15.040	-0.000
15.076	-0.000
15.111	-0.000
15.147	-0.000
15.182	-0.000
15.218	-0.000
15.253	-0.000
15.289	-0.001
15.324	-0.001
15.360	-0.001
15.396	-0.001
15.431	-0.001
15.467	-0.001
15.502	-0.001
15.538	-0.001
15.573	-0.001
15.609	-0.001
15.644	-0.001
15.680	-0.001
15.716	-0.001
15.751	-0.001
15.787	-0.001
15.822	-0.001
15.858	-0.002
15.893	-0.002
15.929	-0.002
15.964	-0.002
16.000	-0.002
16.036	-0.002
16.071	-0.002
16.107	-0.002
16.142	-0.002
16.178	-0.002
16.213	-0.002
16.249	-0.002
16.284	-0.002
16.320	-0.002
16.356	-0.002
16.391	-0.002
16.427	-0.002
16.462	-0.002
16.498	-0.002
16.533	-0.003
16.569	-0.003
16.604	-0.003
16.640	-0.003
16.676	-0.003
16.711	-0.003
16.747	-0.003
16.782	-0.003
16.818	-0.003
16.853	-0.003
16.889	-0.003
16.924	-0.003
16.960	-0.003
16.996	-0.003
17.031	-0.003
17.067	-0.003
17.102	-0.003

17.138	-0.003
17.173	-0.003
17.209	-0.004
17.244	-0.004
17.280	-0.004
17.316	-0.004
17.351	-0.004
17.387	-0.004
17.422	-0.004
17.458	-0.004
17.493	-0.004
17.529	-0.004
17.564	-0.004
17.600	-0.004
17.636	-0.004
17.671	-0.004
17.707	-0.004
17.742	-0.004
17.778	-0.004
17.813	-0.004
17.849	-0.004
17.884	-0.005
17.920	-0.005
17.956	-0.005
17.991	-0.005
18.027	-0.005
18.062	-0.005
18.098	-0.005
18.133	-0.005
18.169	-0.005
18.204	-0.005
18.240	-0.005
18.276	-0.005
18.311	-0.005
18.347	-0.005
18.382	-0.005
18.418	-0.005
18.453	-0.005
18.489	-0.005
18.524	-0.005
18.560	-0.006
18.596	-0.006
18.631	-0.006
18.667	-0.006
18.702	-0.006
18.738	-0.006
18.773	-0.006
18.809	-0.006
18.844	-0.006
18.880	-0.006
18.916	-0.006
18.951	-0.006
18.987	-0.006
19.022	-0.006
19.058	-0.006
19.093	-0.006
19.129	-0.006
19.164	-0.006
19.200	-0.006
19.236	-0.006
19.271	-0.006
19.307	-0.007
19.342	-0.007
19.378	-0.007
19.413	-0.007

19.449	-0.007
19.484	-0.007
19.520	-0.007
19.556	-0.007
19.591	-0.007
19.627	-0.007
19.662	-0.007
19.698	-0.007
19.733	-0.007
19.769	-0.007
19.804	-0.007
19.840	-0.007
19.876	-0.007
19.911	-0.007
19.947	-0.007
19.982	-0.007
20.018	-0.008
20.053	-0.008
20.089	-0.008
20.124	-0.008
20.160	-0.008
20.196	-0.008
20.231	-0.008
20.267	-0.008
20.302	-0.008
20.338	-0.008
20.373	-0.008
20.409	-0.008
20.444	-0.008
20.480	-0.008
20.516	-0.008
20.551	-0.008
20.587	-0.008
20.622	-0.008
20.658	-0.008
20.693	-0.008
20.729	-0.008
20.764	-0.009
20.800	-0.009
20.836	-0.009
20.871	-0.009
20.907	-0.009
20.942	-0.009
20.978	-0.009
21.013	-0.009
21.049	-0.009
21.084	-0.009
21.120	-0.009
21.156	-0.009
21.191	-0.009
21.227	-0.009
21.262	-0.009
21.298	-0.009
21.333	-0.009
21.369	-0.009
21.404	-0.009
21.440	-0.009
21.476	-0.009
21.511	-0.009
21.547	-0.010
21.582	-0.010
21.618	-0.010
21.653	-0.010
21.689	-0.010
21.724	-0.010

21.760	-0.010
21.796	-0.010
21.831	-0.010
21.867	-0.010
21.902	-0.010
21.938	-0.010
21.973	-0.010
22.009	-0.010
22.044	-0.010
22.080	-0.010
22.116	-0.010
22.151	-0.010
22.187	-0.010
22.222	-0.010
22.258	-0.010
22.293	-0.010
22.329	-0.010
22.364	-0.011
22.400	-0.011
22.436	-0.011
22.471	-0.011
22.507	-0.011
22.542	-0.011
22.578	-0.011
22.613	-0.011
22.649	-0.011
22.684	-0.011
22.720	-0.011
22.756	-0.011
22.791	-0.011
22.827	-0.011
22.862	-0.011
22.898	-0.011
22.933	-0.011
22.969	-0.011
23.004	-0.011
23.040	-0.011
23.076	-0.011
23.111	-0.011
23.147	-0.011
23.182	-0.012
23.218	-0.012
23.253	-0.012
23.289	-0.012
23.324	-0.012
23.360	-0.012
23.396	-0.012
23.431	-0.012
23.467	-0.012
23.502	-0.012
23.538	-0.012
23.573	-0.012
23.609	-0.012
23.644	-0.012
23.680	-0.012
23.716	-0.012
23.751	-0.012
23.787	-0.012
23.822	-0.012
23.858	-0.012
23.893	-0.012
23.929	-0.012
23.964	-0.012
24.000	-0.013
24.036	-0.013

24.071	-0.014
24.107	-0.016
24.142	-0.018
24.178	-0.021
24.213	-0.024
24.249	-0.026
24.284	-0.028
24.320	-0.030
24.356	-0.031
24.391	-0.033
24.427	-0.034
24.462	-0.035
24.498	-0.036
24.533	-0.037
24.569	-0.038
24.604	-0.039
24.640	-0.040
24.676	-0.041
24.711	-0.041
24.747	-0.042
24.782	-0.043
24.818	-0.043
24.853	-0.044
24.889	-0.044
24.924	-0.045
24.960	-0.046
24.996	-0.046
25.031	-0.046
25.067	-0.047
25.102	-0.047
25.138	-0.048
25.173	-0.048
25.209	-0.049
25.244	-0.049
25.280	-0.049
25.316	-0.050
25.351	-0.050
25.387	-0.050
25.422	-0.051
25.458	-0.051
25.493	-0.051
25.529	-0.052
25.564	-0.052
25.600	-0.053
25.636	-0.053
25.671	-0.053
25.707	-0.054
25.742	-0.054
25.778	-0.054
25.813	-0.055
25.849	-0.055
25.884	-0.055
25.920	-0.055
25.956	-0.056
25.991	-0.056
26.027	-0.056
26.062	-0.057
26.098	-0.057
26.133	-0.057
26.169	-0.058
26.204	-0.058
26.240	-0.058
26.276	-0.059
26.311	-0.059
26.347	-0.059

26.382	-0.060
26.418	-0.060
26.453	-0.060
26.489	-0.061
26.524	-0.061
26.560	-0.061
26.596	-0.062
26.631	-0.062
26.667	-0.062
26.702	-0.062
26.738	-0.063
26.773	-0.063
26.809	-0.063
26.844	-0.064
26.880	-0.064
26.916	-0.064
26.951	-0.065
26.987	-0.065
27.022	-0.065
27.058	-0.065
27.093	-0.066
27.129	-0.066
27.164	-0.066
27.200	-0.067
27.236	-0.067
27.271	-0.067
27.307	-0.067
27.342	-0.068
27.378	-0.068
27.413	-0.068
27.449	-0.069
27.484	-0.069
27.520	-0.069
27.556	-0.069
27.591	-0.070
27.627	-0.070
27.662	-0.070
27.698	-0.070
27.733	-0.071
27.769	-0.071
27.804	-0.071
27.840	-0.072
27.876	-0.072
27.911	-0.072
27.947	-0.072
27.982	-0.073
28.018	-0.073
28.053	-0.073
28.089	-0.073
28.124	-0.074
28.160	-0.074
28.196	-0.074
28.231	-0.075
28.267	-0.075
28.302	-0.075
28.338	-0.075
28.373	-0.076
28.409	-0.076
28.444	-0.076
28.480	-0.076
28.516	-0.077
28.551	-0.077
28.587	-0.077
28.622	-0.077
28.658	-0.078

28.693	-0.078
28.729	-0.078
28.764	-0.078
28.800	-0.079
28.836	-0.079
28.871	-0.079
28.907	-0.079
28.942	-0.080
28.978	-0.080
29.013	-0.080
29.049	-0.080
29.084	-0.081
29.120	-0.081
29.156	-0.081
29.191	-0.081
29.227	-0.081
29.262	-0.082
29.298	-0.082
29.333	-0.082
29.369	-0.082
29.404	-0.083
29.440	-0.083
29.476	-0.083
29.511	-0.083
29.547	-0.084
29.582	-0.084
29.618	-0.084
29.653	-0.084
29.689	-0.085
29.724	-0.085
29.760	-0.085
29.796	-0.085
29.831	-0.085
29.867	-0.086
29.902	-0.086
29.938	-0.086
29.973	-0.086
30.009	-0.087
30.044	-0.087
30.080	-0.087
30.116	-0.087
30.151	-0.087
30.187	-0.088
30.222	-0.088
30.258	-0.088
30.293	-0.088
30.329	-0.089
30.364	-0.089
30.400	-0.089
30.436	-0.089
30.471	-0.089
30.507	-0.090
30.542	-0.090
30.578	-0.090
30.613	-0.090
30.649	-0.090
30.684	-0.091
30.720	-0.091
30.756	-0.091
30.791	-0.091
30.827	-0.091
30.862	-0.092
30.898	-0.092
30.933	-0.092
30.969	-0.092

31.004	-0.092
31.040	-0.093
31.076	-0.093
31.111	-0.093
31.147	-0.093
31.182	-0.093
31.218	-0.094
31.253	-0.094
31.289	-0.094
31.324	-0.094
31.360	-0.094
31.396	-0.095
31.431	-0.095
31.467	-0.095
31.502	-0.095
31.538	-0.095
31.573	-0.096
31.609	-0.096
31.644	-0.096
31.680	-0.096
31.716	-0.096
31.751	-0.097
31.787	-0.097
31.822	-0.097
31.858	-0.097
31.893	-0.097
31.929	-0.098
31.964	-0.098
32.000	-0.100
32.036	-0.105
32.071	-0.116
32.107	-0.135
32.142	-0.160
32.178	-0.187
32.213	-0.212
32.249	-0.235
32.284	-0.255
32.320	-0.272
32.356	-0.286
32.391	-0.299
32.427	-0.311
32.462	-0.321
32.498	-0.330
32.533	-0.339
32.569	-0.347
32.604	-0.354
32.640	-0.361
32.676	-0.367
32.711	-0.373
32.747	-0.378
32.782	-0.383
32.818	-0.388
32.853	-0.392
32.889	-0.396
32.924	-0.400
32.960	-0.403
32.996	-0.407
33.031	-0.410
33.067	-0.413
33.102	-0.416
33.138	-0.418
33.173	-0.421
33.209	-0.423
33.244	-0.425
33.280	-0.427

33.316	-0.429
33.351	-0.431
33.387	-0.433
33.422	-0.435
33.458	-0.437
33.493	-0.439
33.529	-0.440
33.564	-0.442
33.600	-0.444
33.636	-0.446
33.671	-0.447
33.707	-0.449
33.742	-0.451
33.778	-0.452
33.813	-0.454
33.849	-0.456
33.884	-0.457
33.920	-0.459
33.956	-0.460
33.991	-0.462
34.027	-0.464
34.062	-0.465
34.098	-0.467
34.133	-0.468
34.169	-0.470
34.204	-0.471
34.240	-0.472
34.276	-0.474
34.311	-0.475
34.347	-0.477
34.382	-0.478
34.418	-0.480
34.453	-0.481
34.489	-0.482
34.524	-0.484
34.560	-0.485
34.596	-0.486
34.631	-0.488
34.667	-0.489
34.702	-0.490
34.738	-0.492
34.773	-0.493
34.809	-0.494
34.844	-0.495
34.880	-0.497
34.916	-0.498
34.951	-0.499
34.987	-0.500
35.022	-0.501
35.058	-0.503
35.093	-0.504
35.129	-0.505
35.164	-0.506
35.200	-0.507
35.236	-0.508
35.271	-0.510
35.307	-0.511
35.342	-0.512
35.378	-0.513
35.413	-0.514
35.449	-0.515
35.484	-0.516
35.520	-0.517
35.556	-0.518
35.591	-0.519

35.627	-0.520
35.662	-0.521
35.698	-0.520
35.733	-0.460
35.769	-0.388
35.804	-0.361
35.840	-0.337
35.876	-0.317
35.911	-0.299
35.947	-0.284
35.982	-0.270
36.018	-0.258
36.053	-0.248
36.089	-0.238
36.124	-0.230
36.160	-0.223
36.196	-0.216
36.231	-0.210
36.267	-0.205
36.302	-0.200
36.338	-0.196
36.373	-0.192
36.409	-0.188
36.444	-0.184
36.480	-0.181
36.516	-0.178
36.551	-0.175
36.587	-0.173
36.622	-0.170
36.658	-0.168
36.693	-0.166
36.729	-0.164
36.764	-0.162
36.800	-0.160
36.836	-0.158
36.871	-0.157
36.907	-0.155
36.942	-0.154
36.978	-0.152
37.013	-0.151
37.049	-0.150
37.084	-0.149
37.120	-0.147
37.156	-0.146
37.191	-0.145
37.227	-0.144
37.262	-0.143
37.298	-0.142
37.333	-0.141
37.369	-0.141
37.404	-0.140
37.440	-0.139
37.476	-0.138
37.511	-0.137
37.547	-0.137
37.582	-0.136
37.618	-0.135
37.653	-0.135
37.689	-0.134
37.724	-0.134
37.760	-0.133
37.796	-0.132
37.831	-0.132
37.867	-0.131
37.902	-0.131

37.938	-0.130
37.973	-0.130
38.009	-0.129
38.044	-0.129
38.080	-0.129
38.116	-0.128
38.151	-0.128
38.187	-0.127
38.222	-0.127
38.258	-0.127
38.293	-0.126
38.329	-0.126
38.364	-0.126
38.400	-0.125
38.436	-0.125
38.471	-0.125
38.507	-0.125
38.542	-0.124
38.578	-0.124
38.613	-0.124
38.649	-0.123
38.684	-0.123
38.720	-0.123
38.756	-0.123
38.791	-0.123
38.827	-0.122
38.862	-0.122
38.898	-0.122
38.933	-0.122
38.969	-0.122
39.004	-0.121
39.040	-0.121
39.076	-0.121
39.111	-0.121
39.147	-0.121
39.182	-0.120
39.218	-0.120
39.253	-0.120
39.289	-0.120
39.324	-0.120
39.360	-0.120
39.396	-0.120
39.431	-0.119
39.467	-0.119
39.502	-0.119
39.538	-0.119
39.573	-0.119
39.609	-0.119
39.644	-0.119
39.680	-0.119
39.716	-0.119
39.751	-0.119
39.787	-0.118
39.822	-0.118
39.858	-0.118
39.893	-0.118
39.929	-0.118
39.964	-0.118
40.000	-0.118
40.036	-0.118
40.071	-0.118
40.107	-0.117
40.142	-0.117
40.178	-0.117
40.213	-0.116

40.249	-0.115
40.284	-0.115
40.320	-0.114
40.356	-0.113
40.391	-0.112
40.427	-0.111
40.462	-0.111
40.498	-0.110
40.533	-0.109
40.569	-0.108
40.604	-0.108
40.640	-0.107
40.676	-0.106
40.711	-0.106
40.747	-0.105
40.782	-0.104
40.818	-0.104
40.853	-0.103
40.889	-0.103
40.924	-0.102
40.960	-0.102
40.996	-0.101
41.031	-0.100
41.067	-0.100
41.102	-0.100
41.138	-0.099
41.173	-0.099
41.209	-0.098
41.244	-0.098
41.280	-0.097
41.316	-0.097
41.351	-0.096
41.387	-0.096
41.422	-0.096
41.458	-0.095
41.493	-0.095
41.529	-0.095
41.564	-0.094
41.600	-0.094
41.636	-0.094
41.671	-0.093
41.707	-0.093
41.742	-0.093
41.778	-0.092
41.813	-0.092
41.849	-0.092
41.884	-0.091
41.920	-0.091
41.956	-0.091
41.991	-0.090
42.027	-0.090
42.062	-0.090
42.098	-0.090
42.133	-0.089
42.169	-0.089
42.204	-0.089
42.240	-0.089
42.276	-0.088
42.311	-0.088
42.347	-0.088
42.382	-0.088
42.418	-0.087
42.453	-0.087
42.489	-0.087
42.524	-0.087

42.560	-0.086
42.596	-0.086
42.631	-0.086
42.667	-0.086
42.702	-0.086
42.738	-0.085
42.773	-0.085
42.809	-0.085
42.844	-0.085
42.880	-0.085
42.916	-0.084
42.951	-0.084
42.987	-0.084
43.022	-0.084
43.058	-0.084
43.093	-0.083
43.129	-0.083
43.164	-0.083
43.200	-0.083
43.236	-0.083
43.271	-0.082
43.307	-0.082
43.342	-0.082
43.378	-0.082
43.413	-0.082
43.449	-0.082
43.484	-0.081
43.520	-0.081
43.556	-0.081
43.591	-0.081
43.627	-0.081
43.662	-0.081
43.698	-0.080
43.733	-0.080
43.769	-0.080
43.804	-0.080
43.840	-0.080
43.876	-0.080
43.911	-0.080
43.947	-0.079
43.982	-0.079
44.018	-0.079
44.053	-0.079
44.089	-0.079
44.124	-0.079
44.160	-0.079
44.196	-0.078
44.231	-0.078
44.267	-0.078
44.302	-0.078
44.338	-0.078
44.373	-0.078
44.409	-0.078
44.444	-0.077
44.480	-0.077
44.516	-0.077
44.551	-0.077
44.587	-0.077
44.622	-0.077
44.658	-0.077
44.693	-0.077
44.729	-0.076
44.764	-0.076
44.800	-0.076
44.836	-0.076

44.871	-0.076
44.907	-0.076
44.942	-0.076
44.978	-0.076
45.013	-0.075
45.049	-0.075
45.084	-0.075
45.120	-0.075
45.156	-0.075
45.191	-0.075
45.227	-0.075
45.262	-0.075
45.298	-0.075
45.333	-0.074
45.369	-0.074
45.404	-0.074
45.440	-0.074
45.476	-0.074
45.511	-0.074
45.547	-0.074
45.582	-0.074
45.618	-0.074
45.653	-0.074
45.689	-0.073
45.724	-0.073
45.760	-0.073
45.796	-0.073
45.831	-0.073
45.867	-0.073
45.902	-0.073
45.938	-0.073
45.973	-0.073
46.009	-0.073
46.044	-0.072
46.080	-0.072
46.116	-0.072
46.151	-0.072
46.187	-0.072
46.222	-0.072
46.258	-0.072
46.293	-0.072
46.329	-0.072
46.364	-0.072
46.400	-0.072
46.436	-0.071
46.471	-0.071
46.507	-0.071
46.542	-0.071
46.578	-0.071
46.613	-0.071
46.649	-0.071
46.684	-0.071
46.720	-0.071
46.756	-0.071
46.791	-0.071
46.827	-0.071
46.862	-0.070
46.898	-0.070
46.933	-0.070
46.969	-0.070
47.004	-0.070
47.040	-0.070
47.076	-0.070
47.111	-0.070
47.147	-0.070

47.182	-0.070
47.218	-0.070
47.253	-0.070
47.289	-0.070
47.324	-0.070
47.360	-0.069
47.396	-0.069
47.431	-0.069
47.467	-0.069
47.502	-0.069
47.538	-0.069
47.573	-0.069
47.609	-0.069
47.644	-0.069
47.680	-0.069
47.716	-0.069
47.751	-0.069
47.787	-0.069
47.822	-0.069
47.858	-0.068
47.893	-0.068
47.929	-0.068
47.964	-0.068
48.000	-0.068
48.036	-0.068
48.071	-0.068
48.107	-0.068
48.142	-0.068
48.178	-0.068
48.213	-0.068
48.249	-0.068
48.284	-0.068
48.320	-0.068
48.356	-0.067
48.391	-0.067
48.427	-0.067
48.462	-0.067
48.498	-0.067
48.533	-0.067
48.569	-0.067
48.604	-0.067
48.640	-0.067
48.676	-0.067
48.711	-0.067
48.747	-0.067
48.782	-0.066
48.818	-0.066
48.853	-0.066
48.889	-0.066
48.924	-0.066
48.960	-0.066
48.996	-0.066
49.031	-0.066
49.067	-0.066
49.102	-0.066
49.138	-0.066
49.173	-0.066
49.209	-0.066
49.244	-0.066
49.280	-0.065
49.316	-0.065
49.351	-0.065
49.387	-0.065
49.422	-0.065
49.458	-0.065

49.493	-0.065
49.529	-0.065
49.564	-0.065
49.600	-0.065
49.636	-0.065
49.671	-0.065
49.707	-0.065
49.742	-0.065
49.778	-0.065
49.813	-0.064
49.849	-0.064
49.884	-0.064
49.920	-0.064
49.956	-0.064
49.991	-0.064
50.027	-0.064
50.062	-0.064
50.098	-0.064
50.133	-0.064
50.169	-0.064
50.204	-0.064
50.240	-0.064
50.276	-0.064
50.311	-0.064
50.347	-0.064
50.382	-0.064
50.418	-0.064
50.453	-0.063
50.489	-0.063
50.524	-0.063
50.560	-0.063
50.596	-0.063
50.631	-0.063
50.667	-0.063
50.702	-0.063
50.738	-0.063
50.773	-0.063
50.809	-0.063
50.844	-0.063
50.880	-0.063
50.916	-0.063
50.951	-0.063
50.987	-0.063
51.022	-0.063
51.058	-0.063
51.093	-0.063
51.129	-0.063
51.164	-0.063
51.200	-0.062
51.236	-0.062
51.271	-0.062
51.307	-0.062
51.342	-0.062
51.378	-0.062
51.413	-0.062
51.449	-0.062
51.484	-0.062
51.520	-0.062
51.556	-0.062
51.591	-0.062
51.627	-0.062
51.662	-0.062
51.698	-0.062
51.733	-0.062
51.769	-0.062

51.804	-0.062
51.840	-0.062
51.876	-0.062
51.911	-0.062
51.947	-0.062
51.982	-0.061
52.018	-0.061
52.053	-0.061
52.089	-0.061
52.124	-0.061
52.160	-0.061
52.196	-0.061
52.231	-0.061
52.267	-0.061
52.302	-0.061
52.338	-0.061
52.373	-0.061
52.409	-0.061
52.444	-0.061
52.480	-0.061
52.516	-0.061
52.551	-0.061
52.587	-0.061
52.622	-0.061
52.658	-0.061
52.693	-0.061
52.729	-0.061
52.764	-0.061
52.800	-0.061
52.836	-0.061
52.871	-0.060
52.907	-0.060
52.942	-0.060
52.978	-0.060
53.013	-0.060
53.049	-0.060
53.084	-0.060
53.120	-0.060
53.156	-0.060
53.191	-0.060
53.227	-0.060
53.262	-0.060
53.298	-0.060
53.333	-0.060
53.369	-0.060
53.404	-0.060
53.440	-0.060
53.476	-0.060
53.511	-0.060
53.547	-0.060
53.582	-0.060
53.618	-0.060
53.653	-0.060
53.689	-0.060
53.724	-0.060
53.760	-0.060
53.796	-0.060
53.831	-0.060
53.867	-0.060
53.902	-0.059
53.938	-0.059
53.973	-0.059
54.009	-0.059
54.044	-0.059
54.080	-0.059

54.116	-0.059
54.151	-0.059
54.187	-0.059
54.222	-0.059
54.258	-0.059
54.293	-0.059
54.329	-0.059
54.364	-0.059
54.400	-0.059
54.436	-0.059
54.471	-0.059
54.507	-0.059
54.542	-0.059
54.578	-0.059
54.613	-0.059
54.649	-0.059
54.684	-0.059
54.720	-0.059
54.756	-0.059
54.791	-0.059
54.827	-0.059
54.862	-0.059
54.898	-0.059
54.933	-0.059
54.969	-0.059
55.004	-0.059
55.040	-0.059
55.076	-0.058
55.111	-0.058
55.147	-0.058
55.182	-0.058
55.218	-0.058
55.253	-0.058
55.289	-0.058
55.324	-0.058
55.360	-0.058
55.396	-0.058
55.431	-0.058
55.467	-0.058
55.502	-0.058
55.538	-0.058
55.573	-0.058
55.609	-0.058
55.644	-0.058
55.680	-0.058
55.716	-0.058
55.751	-0.058
55.787	-0.058
55.822	-0.058
55.858	-0.058
55.893	-0.058
55.929	-0.058
55.964	-0.058
56.000	-0.058
56.036	-0.058
56.071	-0.058
56.107	-0.058
56.142	-0.058
56.178	-0.058
56.213	-0.058
56.249	-0.058
56.284	-0.058
56.320	-0.058
56.356	-0.058
56.391	-0.057

56.427	-0.057
56.462	-0.057
56.498	-0.057
56.533	-0.057
56.569	-0.057
56.604	-0.057
56.640	-0.057
56.676	-0.057
56.711	-0.057
56.747	-0.057
56.782	-0.057
56.818	-0.057
56.853	-0.057
56.889	-0.057
56.924	-0.057
56.960	-0.057
56.996	-0.057
57.031	-0.057
57.067	-0.057
57.102	-0.057
57.138	-0.057
57.173	-0.057
57.209	-0.057
57.244	-0.057
57.280	-0.057
57.316	-0.057
57.351	-0.057
57.387	-0.057
57.422	-0.057
57.458	-0.057
57.493	-0.057
57.529	-0.057
57.564	-0.057
57.600	-0.057
57.636	-0.057
57.671	-0.056
57.707	-0.056
57.742	-0.056
57.778	-0.056
57.813	-0.056
57.849	-0.056
57.884	-0.056
57.920	-0.056
57.956	-0.056
57.991	-0.056
58.027	-0.056
58.062	-0.056
58.098	-0.056
58.133	-0.056
58.169	-0.056
58.204	-0.056
58.240	-0.056
58.276	-0.056
58.311	-0.056
58.347	-0.056
58.382	-0.056
58.418	-0.056
58.453	-0.056
58.489	-0.056
58.524	-0.056
58.560	-0.056
58.596	-0.056
58.631	-0.056
58.667	-0.056
58.702	-0.056

58.738	-0.056
58.773	-0.056
58.809	-0.056
58.844	-0.056
58.880	-0.056
58.916	-0.056
58.951	-0.056
58.987	-0.056
59.022	-0.056
59.058	-0.056
59.093	-0.056
59.129	-0.056
59.164	-0.056
59.200	-0.056
59.236	-0.056
59.271	-0.056
59.307	-0.056
59.342	-0.055
59.378	-0.055
59.413	-0.055
59.449	-0.055
59.484	-0.055
59.520	-0.055
59.556	-0.055
59.591	-0.055
59.627	-0.055
59.662	-0.055
59.698	-0.055
59.733	-0.055
59.769	-0.055
59.804	-0.055
59.840	-0.055
59.876	-0.055
59.911	-0.055
59.947	-0.055
59.982	-0.055
60.018	-0.055
60.053	-0.055
60.089	-0.055
60.124	-0.055
60.160	-0.055
60.196	-0.055
60.231	-0.055
60.267	-0.055
60.302	-0.055
60.338	-0.055
60.373	-0.055
60.409	-0.055
60.444	-0.055
60.480	-0.055
60.516	-0.055
60.551	-0.055
60.587	-0.055
60.622	-0.055
60.658	-0.055
60.693	-0.055
60.729	-0.055
60.764	-0.055
60.800	-0.055
60.836	-0.055
60.871	-0.055
60.907	-0.055
60.942	-0.055
60.978	-0.055
61.013	-0.055

61.049	-0.055
61.084	-0.055
61.120	-0.055
61.156	-0.055
61.191	-0.055
61.227	-0.055
61.262	-0.055
61.298	-0.055
61.333	-0.055
61.369	-0.054
61.404	-0.054
61.440	-0.054
61.476	-0.054
61.511	-0.054
61.547	-0.054
61.582	-0.054
61.618	-0.054
61.653	-0.054
61.689	-0.054
61.724	-0.054
61.760	-0.054
61.796	-0.054
61.831	-0.054
61.867	-0.054
61.902	-0.054
61.938	-0.054
61.973	-0.054
62.009	-0.054
62.044	-0.054
62.080	-0.054
62.116	-0.054
62.151	-0.054
62.187	-0.054
62.222	-0.054
62.258	-0.054
62.293	-0.054
62.329	-0.054
62.364	-0.054
62.400	-0.054
62.436	-0.054
62.471	-0.054
62.507	-0.054
62.542	-0.054
62.578	-0.054
62.613	-0.054
62.649	-0.054
62.684	-0.054
62.720	-0.054
62.756	-0.054
62.791	-0.054
62.827	-0.054
62.862	-0.054
62.898	-0.054
62.933	-0.054
62.969	-0.054
63.004	-0.054
63.040	-0.054
63.076	-0.054
63.111	-0.054
63.147	-0.054
63.182	-0.054
63.218	-0.054
63.253	-0.054
63.289	-0.054
63.324	-0.054

63.360	-0.054
63.396	-0.054
63.431	-0.054
63.467	-0.054
63.502	-0.054
63.538	-0.054
63.573	-0.054
63.609	-0.054
63.644	-0.054
63.680	-0.054
63.716	-0.054
63.751	-0.054
63.787	-0.054
63.822	-0.054
63.858	-0.054
63.893	-0.054
63.929	-0.053
63.964	-0.053
64.000	-0.053
64.036	-0.053
64.071	-0.053
64.107	-0.053
64.142	-0.053
64.178	-0.053
64.213	-0.053
64.249	-0.053
64.284	-0.053
64.320	-0.053
64.356	-0.053
64.391	-0.053
64.427	-0.053
64.462	-0.053
64.498	-0.053
64.533	-0.053
64.569	-0.053
64.604	-0.053
64.640	-0.053
64.676	-0.053
64.711	-0.053
64.747	-0.053
64.782	-0.053
64.818	-0.053
64.853	-0.053
64.889	-0.053
64.924	-0.053
64.960	-0.053
64.996	-0.053
65.031	-0.053
65.067	-0.053
65.102	-0.053
65.138	-0.053
65.173	-0.053
65.209	-0.053
65.244	-0.053
65.280	-0.053
65.316	-0.053
65.351	-0.053
65.387	-0.053
65.422	-0.053
65.458	-0.053
65.493	-0.053
65.529	-0.053
65.564	-0.053
65.600	-0.053
65.636	-0.053

65.671	-0.053
65.707	-0.053
65.742	-0.053
65.778	-0.053
65.813	-0.053
65.849	-0.053
65.884	-0.053
65.920	-0.053
65.956	-0.053
65.991	-0.053
66.027	-0.053
66.062	-0.053
66.098	-0.053
66.133	-0.053
66.169	-0.053
66.204	-0.053
66.240	-0.053
66.276	-0.053
66.311	-0.053
66.347	-0.053
66.382	-0.053
66.418	-0.053
66.453	-0.053
66.489	-0.053
66.524	-0.053
66.560	-0.053
66.596	-0.053
66.631	-0.053
66.667	-0.053
66.702	-0.053
66.738	-0.053
66.773	-0.053
66.809	-0.053
66.844	-0.053
66.880	-0.053
66.916	-0.053
66.951	-0.053
66.987	-0.053
67.022	-0.053
67.058	-0.053
67.093	-0.053
67.129	-0.053
67.164	-0.053
67.200	-0.053
67.236	-0.053
67.271	-0.053
67.307	-0.053
67.342	-0.053
67.378	-0.053
67.413	-0.053
67.449	-0.053
67.484	-0.053
67.520	-0.053
67.556	-0.053
67.591	-0.053
67.627	-0.053
67.662	-0.053
67.698	-0.053
67.733	-0.053
67.769	-0.053
67.804	-0.053
67.840	-0.053
67.876	-0.053
67.911	-0.053
67.947	-0.053

67.982	-0.053
68.018	-0.053
68.053	-0.053
68.089	-0.053
68.124	-0.053
68.160	-0.053
68.196	-0.053
68.231	-0.053
68.267	-0.053
68.302	-0.053
68.338	-0.053
68.373	-0.053
68.409	-0.053
68.444	-0.053
68.480	-0.053
68.516	-0.053
68.551	-0.053
68.587	-0.053
68.622	-0.053
68.658	-0.053
68.693	-0.053
68.729	-0.053
68.764	-0.053
68.800	-0.053
68.836	-0.053
68.871	-0.053
68.907	-0.053
68.942	-0.053
68.978	-0.053
69.013	-0.053
69.049	-0.053
69.084	-0.053
69.120	-0.053
69.156	-0.053
69.191	-0.053
69.227	-0.052
69.262	-0.052
69.298	-0.052
69.333	-0.052
69.369	-0.052
69.404	-0.052
69.440	-0.052
69.476	-0.052
69.511	-0.052
69.547	-0.052
69.582	-0.052
69.618	-0.052
69.653	-0.052
69.689	-0.052
69.724	-0.052
69.760	-0.052
69.796	-0.052
69.831	-0.052
69.867	-0.052
69.902	-0.052
69.938	-0.052
69.973	-0.052
70.009	-0.052
70.044	-0.052
70.080	-0.052
70.116	-0.052
70.151	-0.052
70.187	-0.052
70.222	-0.052
70.258	-0.052

70.293	-0.052
70.329	-0.052
70.364	-0.052
70.400	-0.052
70.436	-0.052
70.471	-0.052
70.507	-0.052
70.542	-0.052
70.578	-0.052
70.613	-0.052
70.649	-0.052
70.684	-0.052
70.720	-0.052
70.756	-0.052
70.791	-0.052
70.827	-0.052
70.862	-0.052
70.898	-0.052
70.933	-0.052
70.969	-0.052
71.004	-0.052
71.040	-0.052
71.076	-0.052
71.111	-0.052
71.147	-0.052
71.182	-0.052
71.218	-0.052
71.253	-0.052
71.289	-0.052
71.324	-0.052
71.360	-0.052
71.396	-0.052
71.431	-0.052
71.467	-0.052
71.502	-0.052
71.538	-0.052
71.573	-0.052
71.609	-0.052
71.644	-0.052
71.680	-0.052
71.716	-0.052
71.751	-0.052
71.787	-0.052
71.822	-0.052
71.858	-0.052
71.893	-0.052
71.929	-0.052
71.964	-0.052
72.000	-0.052
72.036	-0.052
72.071	-0.052
72.107	-0.052
72.142	-0.052
72.178	-0.052
72.213	-0.052
72.249	-0.052
72.284	-0.052
72.320	-0.051
72.356	-0.051
72.391	-0.051
72.427	-0.051
72.462	-0.051
72.498	-0.051
72.533	-0.051
72.569	-0.050

72.604	-0.050
72.640	-0.050
72.676	-0.050
72.711	-0.050
72.747	-0.050
72.782	-0.050
72.818	-0.050
72.853	-0.050
72.889	-0.050
72.924	-0.049
72.960	-0.049
72.996	-0.049
73.031	-0.049
73.067	-0.049
73.102	-0.049
73.138	-0.049
73.173	-0.049
73.209	-0.049
73.244	-0.049
73.280	-0.049
73.316	-0.049
73.351	-0.048
73.387	-0.048
73.422	-0.048
73.458	-0.048
73.493	-0.048
73.529	-0.048
73.564	-0.048
73.600	-0.048
73.636	-0.048
73.671	-0.048
73.707	-0.048
73.742	-0.048
73.778	-0.048
73.813	-0.048
73.849	-0.048
73.884	-0.048
73.920	-0.047
73.956	-0.047
73.991	-0.047
74.027	-0.047
74.062	-0.047
74.098	-0.047
74.133	-0.047
74.169	-0.047
74.204	-0.047
74.240	-0.047
74.276	-0.047
74.311	-0.047
74.347	-0.047
74.382	-0.047
74.418	-0.047
74.453	-0.047
74.489	-0.047
74.524	-0.047
74.560	-0.047
74.596	-0.047
74.631	-0.046
74.667	-0.046
74.702	-0.046
74.738	-0.046
74.773	-0.046
74.809	-0.046
74.844	-0.046
74.880	-0.046

74.916	-0.046
74.951	-0.046
74.987	-0.046
75.022	-0.046
75.058	-0.046
75.093	-0.046
75.129	-0.046
75.164	-0.046
75.200	-0.046
75.236	-0.046
75.271	-0.046
75.307	-0.046
75.342	-0.046
75.378	-0.046
75.413	-0.046
75.449	-0.046
75.484	-0.045
75.520	-0.045
75.556	-0.045
75.591	-0.045
75.627	-0.045
75.662	-0.045
75.698	-0.045
75.733	-0.045
75.769	-0.045
75.804	-0.045
75.840	-0.045
75.876	-0.045
75.911	-0.045
75.947	-0.045
75.982	-0.045
76.018	-0.045
76.053	-0.045
76.089	-0.045
76.124	-0.045
76.160	-0.045
76.196	-0.045
76.231	-0.045
76.267	-0.045
76.302	-0.045
76.338	-0.045
76.373	-0.045
76.409	-0.045
76.444	-0.045
76.480	-0.045
76.516	-0.044
76.551	-0.044
76.587	-0.044
76.622	-0.044
76.658	-0.044
76.693	-0.044
76.729	-0.044
76.764	-0.044
76.800	-0.044
76.836	-0.044
76.871	-0.044
76.907	-0.044
76.942	-0.044
76.978	-0.044
77.013	-0.044
77.049	-0.044
77.084	-0.044
77.120	-0.044
77.156	-0.044
77.191	-0.044

77.227	-0.044
77.262	-0.044
77.298	-0.044
77.333	-0.044
77.369	-0.044
77.404	-0.044
77.440	-0.044
77.476	-0.044
77.511	-0.044
77.547	-0.044
77.582	-0.044
77.618	-0.044
77.653	-0.043
77.689	-0.043
77.724	-0.043
77.760	-0.043
77.796	-0.043
77.831	-0.043
77.867	-0.043
77.902	-0.043
77.938	-0.043
77.973	-0.043
78.009	-0.043
78.044	-0.043
78.080	-0.043
78.116	-0.043
78.151	-0.043
78.187	-0.043
78.222	-0.043
78.258	-0.043
78.293	-0.043
78.329	-0.043
78.364	-0.043
78.400	-0.043
78.436	-0.043
78.471	-0.043
78.507	-0.043
78.542	-0.043
78.578	-0.043
78.613	-0.043
78.649	-0.043
78.684	-0.043
78.720	-0.043
78.756	-0.043
78.791	-0.043
78.827	-0.043
78.862	-0.043
78.898	-0.043
78.933	-0.043
78.969	-0.043
79.004	-0.042
79.040	-0.042
79.076	-0.042
79.111	-0.042
79.147	-0.042
79.182	-0.042
79.218	-0.042
79.253	-0.042
79.289	-0.042
79.324	-0.042
79.360	-0.042
79.396	-0.042
79.431	-0.042
79.467	-0.042
79.502	-0.042

79.538	-0.042
79.573	-0.042
79.609	-0.042
79.644	-0.042
79.680	-0.042
79.716	-0.042
79.751	-0.042
79.787	-0.042
79.822	-0.042
79.858	-0.042
79.893	-0.042
79.929	-0.042
79.964	-0.042
80.000	-0.042
80.036	-0.042
80.071	-0.042
80.107	-0.042
80.142	-0.042
80.178	-0.042
80.213	-0.042
80.249	-0.042
80.284	-0.042
80.320	-0.042
80.356	-0.042
80.391	-0.042
80.427	-0.041
80.462	-0.041
80.498	-0.041
80.533	-0.041
80.569	-0.041
80.604	-0.041
80.640	-0.041
80.676	-0.041
80.711	-0.041
80.747	-0.041
80.782	-0.041
80.818	-0.041
80.853	-0.041
80.889	-0.041
80.924	-0.041
80.960	-0.041
80.996	-0.041
81.031	-0.041
81.067	-0.041
81.102	-0.041
81.138	-0.041
81.173	-0.041
81.209	-0.041
81.244	-0.041
81.280	-0.041
81.316	-0.041
81.351	-0.041
81.387	-0.041
81.422	-0.041
81.458	-0.041
81.493	-0.041
81.529	-0.041
81.564	-0.041
81.600	-0.041
81.636	-0.041
81.671	-0.041
81.707	-0.041
81.742	-0.041
81.778	-0.041
81.813	-0.040

81.849	-0.040
81.884	-0.040
81.920	-0.040
81.956	-0.040
81.991	-0.040
82.027	-0.040
82.062	-0.040
82.098	-0.040
82.133	-0.040
82.169	-0.040
82.204	-0.040
82.240	-0.040
82.276	-0.040
82.311	-0.040
82.347	-0.040
82.382	-0.040
82.418	-0.040
82.453	-0.040
82.489	-0.040
82.524	-0.040
82.560	-0.040
82.596	-0.040
82.631	-0.040
82.667	-0.040
82.702	-0.040
82.738	-0.040
82.773	-0.040
82.809	-0.040
82.844	-0.040
82.880	-0.040
82.916	-0.040
82.951	-0.040
82.987	-0.040
83.022	-0.040
83.058	-0.040
83.093	-0.040
83.129	-0.040
83.164	-0.040
83.200	-0.040
83.236	-0.040
83.271	-0.040
83.307	-0.040
83.342	-0.040
83.378	-0.040
83.413	-0.040
83.449	-0.039
83.484	-0.039
83.520	-0.039
83.556	-0.039
83.591	-0.039
83.627	-0.039
83.662	-0.039
83.698	-0.039
83.733	-0.039
83.769	-0.039
83.804	-0.039
83.840	-0.039
83.876	-0.039
83.911	-0.039
83.947	-0.039
83.982	-0.039
84.018	-0.039
84.053	-0.039
84.089	-0.039
84.124	-0.039

84.160	-0.039
84.196	-0.039
84.231	-0.039
84.267	-0.039
84.302	-0.039
84.338	-0.039
84.373	-0.039
84.409	-0.039
84.444	-0.039
84.480	-0.039
84.516	-0.039
84.551	-0.039
84.587	-0.039
84.622	-0.039
84.658	-0.039
84.693	-0.039
84.729	-0.039
84.764	-0.039
84.800	-0.039
84.836	-0.039
84.871	-0.039
84.907	-0.039
84.942	-0.039
84.978	-0.039
85.013	-0.039
85.049	-0.039
85.084	-0.039
85.120	-0.039
85.156	-0.039
85.191	-0.039
85.227	-0.039
85.262	-0.039
85.298	-0.039
85.333	-0.038
85.369	-0.038
85.404	-0.038
85.440	-0.038
85.476	-0.038
85.511	-0.038
85.547	-0.038
85.582	-0.038
85.618	-0.038
85.653	-0.038
85.689	-0.038
85.724	-0.038
85.760	-0.038
85.796	-0.038
85.831	-0.038
85.867	-0.038
85.902	-0.038
85.938	-0.038
85.973	-0.038
86.009	-0.038
86.044	-0.038
86.080	-0.038
86.116	-0.038
86.151	-0.038
86.187	-0.038
86.222	-0.038
86.258	-0.038
86.293	-0.038
86.329	-0.038
86.364	-0.038
86.400	-0.038
86.436	-0.038

86.471	-0.038
86.507	-0.038
86.542	-0.038
86.578	-0.038
86.613	-0.038
86.649	-0.038
86.684	-0.038
86.720	-0.038
86.756	-0.038
86.791	-0.038
86.827	-0.038
86.862	-0.038
86.898	-0.038
86.933	-0.038
86.969	-0.038
87.004	-0.038
87.040	-0.038
87.076	-0.038
87.111	-0.038
87.147	-0.038
87.182	-0.038
87.218	-0.038
87.253	-0.038
87.289	-0.038
87.324	-0.038
87.360	-0.038
87.396	-0.038
87.431	-0.037
87.467	-0.037
87.502	-0.037
87.538	-0.037
87.573	-0.037
87.609	-0.037
87.644	-0.037
87.680	-0.037
87.716	-0.037
87.751	-0.037
87.787	-0.037
87.822	-0.037
87.858	-0.037
87.893	-0.037
87.929	-0.037
87.964	-0.037
88.000	-0.037
88.036	-0.037
88.071	-0.037
88.107	-0.037
88.142	-0.037
88.178	-0.037
88.213	-0.037
88.249	-0.037
88.284	-0.037
88.320	-0.037
88.356	-0.037
88.391	-0.037
88.427	-0.037
88.462	-0.037
88.498	-0.037
88.533	-0.037
88.569	-0.037
88.604	-0.037
88.640	-0.037
88.676	-0.037
88.711	-0.037
88.747	-0.037

88.782	-0.037
88.818	-0.037
88.853	-0.037
88.889	-0.037
88.924	-0.037
88.960	-0.037
88.996	-0.037
89.031	-0.037
89.067	-0.037
89.102	-0.037
89.138	-0.037
89.173	-0.037
89.209	-0.037
89.244	-0.037
89.280	-0.037
89.316	-0.037
89.351	-0.037
89.387	-0.037
89.422	-0.037
89.458	-0.037
89.493	-0.037
89.529	-0.037
89.564	-0.037
89.600	-0.037
89.636	-0.037
89.671	-0.037
89.707	-0.037
89.742	-0.037
89.778	-0.037
89.813	-0.037
89.849	-0.037
89.884	-0.037
89.920	-0.037
89.956	-0.037
89.991	-0.037
90.027	-0.037
90.062	-0.037
90.098	-0.037
90.133	-0.037
90.169	-0.037
90.204	-0.037
90.240	-0.037
90.276	-0.037
90.311	-0.037
90.347	-0.037
90.382	-0.037
90.418	-0.037
90.453	-0.037
90.489	-0.036
90.524	-0.036
90.560	-0.036
90.596	-0.036
90.631	-0.036
90.667	-0.036
90.702	-0.036
90.738	-0.036
90.773	-0.036
90.809	-0.036
90.844	-0.036
90.880	-0.036
90.916	-0.036
90.951	-0.036
90.987	-0.036
91.022	-0.036
91.058	-0.036

91.093	-0.036
91.129	-0.036
91.164	-0.036
91.200	-0.036
91.236	-0.036
91.271	-0.036
91.307	-0.036
91.342	-0.036
91.378	-0.036
91.413	-0.036
91.449	-0.036
91.484	-0.036
91.520	-0.036
91.556	-0.036
91.591	-0.036
91.627	-0.036
91.662	-0.036
91.698	-0.036
91.733	-0.036
91.769	-0.036
91.804	-0.036
91.840	-0.036
91.876	-0.036
91.911	-0.036
91.947	-0.036
91.982	-0.036
92.018	-0.036
92.053	-0.036
92.089	-0.036
92.124	-0.036
92.160	-0.036
92.196	-0.036
92.231	-0.036
92.267	-0.036
92.302	-0.036
92.338	-0.036
92.373	-0.036
92.409	-0.036
92.444	-0.036
92.480	-0.036
92.516	-0.036
92.551	-0.036
92.587	-0.036
92.622	-0.036
92.658	-0.036
92.693	-0.036
92.729	-0.036
92.764	-0.036
92.800	-0.036
92.836	-0.036
92.871	-0.036
92.907	-0.036
92.942	-0.036
92.978	-0.036
93.013	-0.036
93.049	-0.036
93.084	-0.036
93.120	-0.036
93.156	-0.036
93.191	-0.036
93.227	-0.036
93.262	-0.036
93.298	-0.036
93.333	-0.036
93.369	-0.036

93.404	-0.036
93.440	-0.036
93.476	-0.036
93.511	-0.036
93.547	-0.036
93.582	-0.036
93.618	-0.036
93.653	-0.035
93.689	-0.035
93.724	-0.035
93.760	-0.035
93.796	-0.035
93.831	-0.035
93.867	-0.035
93.902	-0.035
93.938	-0.035
93.973	-0.035
94.009	-0.035
94.044	-0.035
94.080	-0.035
94.116	-0.035
94.151	-0.035
94.187	-0.035
94.222	-0.035
94.258	-0.035
94.293	-0.035
94.329	-0.035
94.364	-0.035
94.400	-0.035
94.436	-0.035
94.471	-0.035
94.507	-0.035
94.542	-0.035
94.578	-0.035
94.613	-0.035
94.649	-0.035
94.684	-0.035
94.720	-0.035
94.756	-0.035
94.791	-0.035
94.827	-0.035
94.862	-0.035
94.898	-0.035
94.933	-0.035
94.969	-0.035
95.004	-0.035
95.040	-0.035
95.076	-0.035
95.111	-0.035
95.147	-0.035
95.182	-0.035
95.218	-0.035
95.253	-0.035
95.289	-0.035
95.324	-0.035
95.360	-0.035
95.396	-0.035
95.431	-0.035
95.467	-0.035
95.502	-0.035
95.538	-0.035
95.573	-0.035
95.609	-0.035
95.644	-0.035
95.680	-0.035

95.716	-0.035
95.751	-0.035
95.787	-0.035
95.822	-0.035
95.858	-0.035
95.893	-0.035
95.929	-0.035
95.964	-0.035
96.000	-0.035
96.036	-0.035
96.071	-0.035
96.107	-0.035
96.142	-0.035
96.178	-0.035
96.213	-0.035
96.249	-0.035
96.284	-0.035
96.320	-0.035
96.356	-0.035
96.391	-0.035
96.427	-0.035
96.462	-0.035
96.498	-0.035
96.533	-0.035
96.569	-0.035
96.604	-0.035
96.640	-0.035
96.676	-0.035
96.711	-0.035
96.747	-0.035
96.782	-0.035
96.818	-0.035
96.853	-0.035
96.889	-0.035
96.924	-0.035
96.960	-0.035
96.996	-0.035
97.031	-0.035
97.067	-0.035
97.102	-0.035
97.138	-0.035
97.173	-0.035
97.209	-0.034
97.244	-0.034
97.280	-0.034
97.316	-0.034
97.351	-0.034
97.387	-0.034
97.422	-0.034
97.458	-0.034
97.493	-0.034
97.529	-0.034
97.564	-0.034
97.600	-0.034
97.636	-0.034
97.671	-0.034
97.707	-0.034
97.742	-0.034
97.778	-0.034
97.813	-0.034
97.849	-0.034
97.884	-0.034
97.920	-0.034
97.956	-0.034
97.991	-0.034

98.027	-0.034
98.062	-0.034
98.098	-0.034
98.133	-0.034
98.169	-0.034
98.204	-0.034
98.240	-0.034
98.276	-0.034
98.311	-0.034
98.347	-0.034
98.382	-0.034
98.418	-0.034
98.453	-0.034
98.489	-0.034
98.524	-0.034
98.560	-0.034
98.596	-0.034
98.631	-0.034
98.667	-0.034
98.702	-0.034
98.738	-0.034
98.773	-0.034
98.809	-0.034
98.844	-0.034
98.880	-0.034
98.916	-0.034
98.951	-0.034
98.987	-0.034
99.022	-0.034
99.058	-0.034
99.093	-0.034
99.129	-0.034
99.164	-0.034
99.200	-0.034
99.236	-0.034
99.271	-0.034
99.307	-0.034
99.342	-0.034
99.378	-0.034
99.413	-0.034
99.449	-0.034
99.484	-0.034
99.520	-0.034
99.556	-0.034
99.591	-0.034
99.627	-0.034
99.662	-0.034
99.698	-0.034
99.733	-0.034
99.769	-0.034
99.804	-0.034
99.840	-0.034
99.876	-0.034
99.911	-0.034
99.947	-0.034
99.982	-0.034
100.018	-0.034
100.053	-0.034
100.089	-0.034
100.124	-0.034
100.160	-0.034
100.196	-0.034
100.231	-0.034
100.267	-0.034
100.302	-0.034

100.338	-0.034
100.373	-0.034
100.409	-0.034
100.444	-0.034
100.480	-0.034
100.516	-0.034
100.551	-0.034
100.587	-0.034
100.622	-0.034
100.658	-0.034
100.693	-0.034
100.729	-0.034
100.764	-0.034
100.800	-0.034
100.836	-0.034
100.871	-0.034
100.907	-0.034
100.942	-0.034
100.978	-0.034
101.013	-0.034
101.049	-0.034
101.084	-0.034
101.120	-0.034
101.156	-0.034
101.191	-0.034
101.227	-0.033
101.262	-0.033
101.298	-0.033
101.333	-0.033
101.369	-0.033
101.404	-0.033
101.440	-0.033
101.476	-0.033
101.511	-0.033
101.547	-0.033
101.582	-0.033
101.618	-0.033
101.653	-0.033
101.689	-0.033
101.724	-0.033
101.760	-0.033
101.796	-0.033
101.831	-0.033
101.867	-0.033
101.902	-0.033
101.938	-0.033
101.973	-0.033
102.009	-0.033
102.044	-0.033
102.080	-0.033
102.116	-0.033
102.151	-0.033
102.187	-0.033
102.222	-0.033
102.258	-0.033
102.293	-0.033
102.329	-0.033
102.364	-0.033
102.400	-0.033
102.436	-0.033
102.471	-0.033
102.507	-0.033
102.542	-0.033
102.578	-0.033
102.613	-0.033

102.649	-0.033
102.684	-0.033
102.720	-0.033
102.756	-0.033
102.791	-0.033
102.827	-0.033
102.862	-0.033
102.898	-0.033
102.933	-0.033
102.969	-0.033
103.004	-0.033
103.040	-0.033
103.076	-0.033
103.111	-0.033
103.147	-0.033
103.182	-0.033
103.218	-0.033
103.253	-0.033
103.289	-0.033
103.324	-0.033
103.360	-0.033
103.396	-0.033
103.431	-0.033
103.467	-0.033
103.502	-0.033
103.538	-0.033
103.573	-0.033
103.609	-0.033
103.644	-0.033
103.680	-0.033
103.716	-0.033
103.751	-0.033
103.787	-0.033
103.822	-0.033
103.858	-0.033
103.893	-0.033
103.929	-0.033
103.964	-0.033
104.000	-0.033
104.036	-0.033
104.071	-0.033
104.107	-0.033
104.142	-0.033
104.178	-0.033
104.213	-0.033
104.249	-0.033
104.284	-0.033
104.320	-0.033
104.356	-0.033
104.391	-0.033
104.427	-0.033
104.462	-0.033
104.498	-0.033
104.533	-0.033
104.569	-0.033
104.604	-0.033
104.640	-0.033
104.676	-0.033
104.711	-0.033
104.747	-0.033
104.782	-0.033
104.818	-0.033
104.853	-0.033
104.889	-0.033
104.924	-0.033

104.960	-0.033
104.996	-0.033
105.031	-0.033
105.067	-0.033
105.102	-0.032
105.138	-0.032
105.173	-0.032
105.209	-0.032
105.244	-0.032
105.280	-0.032
105.316	-0.032
105.351	-0.032
105.387	-0.032
105.422	-0.032
105.458	-0.032
105.493	-0.032
105.529	-0.032
105.564	-0.032
105.600	-0.032
105.636	-0.032
105.671	-0.032
105.707	-0.032
105.742	-0.032
105.778	-0.032
105.813	-0.032
105.849	-0.032
105.884	-0.032
105.920	-0.032
105.956	-0.032
105.991	-0.032
106.027	-0.032
106.062	-0.032
106.098	-0.032
106.133	-0.032
106.169	-0.032
106.204	-0.032
106.240	-0.032
106.276	-0.032
106.311	-0.032
106.347	-0.032
106.382	-0.032
106.418	-0.032
106.453	-0.032
106.489	-0.032
106.524	-0.032
106.560	-0.032
106.596	-0.032
106.631	-0.032
106.667	-0.032
106.702	-0.032
106.738	-0.032
106.773	-0.032
106.809	-0.032
106.844	-0.032
106.880	-0.032
106.916	-0.032
106.951	-0.032
106.987	-0.032
107.022	-0.032
107.058	-0.032
107.093	-0.032
107.129	-0.032
107.164	-0.032
107.200	-0.032
107.236	-0.032

107.271	-0.032
107.307	-0.032
107.342	-0.032
107.378	-0.032
107.413	-0.032
107.449	-0.032
107.484	-0.032
107.520	-0.032
107.556	-0.032
107.591	-0.032
107.627	-0.032
107.662	-0.032
107.698	-0.032
107.733	-0.032
107.769	-0.032
107.804	-0.032
107.840	-0.032
107.876	-0.032
107.911	-0.032
107.947	-0.032
107.982	-0.032
108.018	-0.032
108.053	-0.032
108.089	-0.032
108.124	-0.032
108.160	-0.032
108.196	-0.032
108.231	-0.032
108.267	-0.032
108.302	-0.032
108.338	-0.032
108.373	-0.032
108.409	-0.032
108.444	-0.032
108.480	-0.032
108.516	-0.032
108.551	-0.032
108.587	-0.032
108.622	-0.032
108.658	-0.032
108.693	-0.032
108.729	-0.032
108.764	-0.032
108.800	-0.032
108.836	-0.032
108.871	-0.032
108.907	-0.032
108.942	-0.032
108.978	-0.031
109.013	-0.031
109.049	-0.031
109.084	-0.031
109.120	-0.031
109.156	-0.031
109.191	-0.031
109.227	-0.031
109.262	-0.031
109.298	-0.031
109.333	-0.031
109.369	-0.031
109.404	-0.031
109.440	-0.031
109.476	-0.031
109.511	-0.031
109.547	-0.031

109.582	-0.031
109.618	-0.031
109.653	-0.031
109.689	-0.031
109.724	-0.031
109.760	-0.031
109.796	-0.031
109.831	-0.031
109.867	-0.031
109.902	-0.031
109.938	-0.031
109.973	-0.031
110.009	-0.031
110.044	-0.031
110.080	-0.031
110.116	-0.031
110.151	-0.031
110.187	-0.031
110.222	-0.031
110.258	-0.031
110.293	-0.031
110.329	-0.031
110.364	-0.031
110.400	-0.031
110.436	-0.031
110.471	-0.031
110.507	-0.031
110.542	-0.031
110.578	-0.031
110.613	-0.031
110.649	-0.031
110.684	-0.031
110.720	-0.031
110.756	-0.031
110.791	-0.031
110.827	-0.031
110.862	-0.031
110.898	-0.031
110.933	-0.031
110.969	-0.031
111.004	-0.031
111.040	-0.031
111.076	-0.031
111.111	-0.031
111.147	-0.031
111.182	-0.031
111.218	-0.031
111.253	-0.031
111.289	-0.031
111.324	-0.031
111.360	-0.031
111.396	-0.031
111.431	-0.031
111.467	-0.031
111.502	-0.031
111.538	-0.031
111.573	-0.031
111.609	-0.031
111.644	-0.031
111.680	-0.031
111.716	-0.031
111.751	-0.031
111.787	-0.031
111.822	-0.031
111.858	-0.031

111.893	-0.031
111.929	-0.031
111.964	-0.031
112.000	-0.031
112.036	-0.031
112.071	-0.031
112.107	-0.031
112.142	-0.031
112.178	-0.031
112.213	-0.031
112.249	-0.031
112.284	-0.031
112.320	-0.031
112.356	-0.031
112.391	-0.031
112.427	-0.031
112.462	-0.031
112.498	-0.031
112.533	-0.031
112.569	-0.031
112.604	-0.031
112.640	-0.031
112.676	-0.031
112.711	-0.031
112.747	-0.031
112.782	-0.031
112.818	-0.031
112.853	-0.031
112.889	-0.031
112.924	-0.031
112.960	-0.031
112.996	-0.031
113.031	-0.031
113.067	-0.031
113.102	-0.031
113.138	-0.031
113.173	-0.031
113.209	-0.031
113.244	-0.031
113.280	-0.031
113.316	-0.031
113.351	-0.031
113.387	-0.031
113.422	-0.031
113.458	-0.031
113.493	-0.031
113.529	-0.031
113.564	-0.031
113.600	-0.031
113.636	-0.031
113.671	-0.031
113.707	-0.031
113.742	-0.031
113.778	-0.031
113.813	-0.031
113.849	-0.031
113.884	-0.031
113.920	-0.031
113.956	-0.031
113.991	-0.031
114.027	-0.031
114.062	-0.031
114.098	-0.031
114.133	-0.031
114.169	-0.031

114.204	-0.031
114.240	-0.031
114.276	-0.031
114.311	-0.031
114.347	-0.031
114.382	-0.031
114.418	-0.031
114.453	-0.031
114.489	-0.031
114.524	-0.031
114.560	-0.031
114.596	-0.031
114.631	-0.031
114.667	-0.031
114.702	-0.031
114.738	-0.031
114.773	-0.031
114.809	-0.031
114.844	-0.031
114.880	-0.031
114.916	-0.031
114.951	-0.031
114.987	-0.031
115.022	-0.031
115.058	-0.031
115.093	-0.031
115.129	-0.031
115.164	-0.031
115.200	-0.031
115.236	-0.031
115.271	-0.031
115.307	-0.031
115.342	-0.031
115.378	-0.031
115.413	-0.031
115.449	-0.031
115.484	-0.031
115.520	-0.031
115.556	-0.031
115.591	-0.031
115.627	-0.031
115.662	-0.031
115.698	-0.030
115.733	-0.030
115.769	-0.030
115.804	-0.030
115.840	-0.030
115.876	-0.030
115.911	-0.030
115.947	-0.030
115.982	-0.030
116.018	-0.030
116.053	-0.030
116.089	-0.030
116.124	-0.030
116.160	-0.030
116.196	-0.030
116.231	-0.030
116.267	-0.030
116.302	-0.030
116.338	-0.030
116.373	-0.030
116.409	-0.030
116.444	-0.030
116.480	-0.030

116.516	-0.030
116.551	-0.030
116.587	-0.030
116.622	-0.030
116.658	-0.030
116.693	-0.030
116.729	-0.030
116.764	-0.030
116.800	-0.030
116.836	-0.030
116.871	-0.030
116.907	-0.030
116.942	-0.030
116.978	-0.030
117.013	-0.030
117.049	-0.030
117.084	-0.030
117.120	-0.030
117.156	-0.030
117.191	-0.030
117.227	-0.030
117.262	-0.030
117.298	-0.030
117.333	-0.030
117.369	-0.030
117.404	-0.030
117.440	-0.030
117.476	-0.030
117.511	-0.030
117.547	-0.030
117.582	-0.030
117.618	-0.030
117.653	-0.030
117.689	-0.030
117.724	-0.030
117.760	-0.030
117.796	-0.030
117.831	-0.030
117.867	-0.030
117.902	-0.030
117.938	-0.030
117.973	-0.030
118.009	-0.030
118.044	-0.030
118.080	-0.030
118.116	-0.030
118.151	-0.030
118.187	-0.030
118.222	-0.030
118.258	-0.030
118.293	-0.030
118.329	-0.030
118.364	-0.030
118.400	-0.030
118.436	-0.030
118.471	-0.030
118.507	-0.030
118.542	-0.030
118.578	-0.030
118.613	-0.030
118.649	-0.030
118.684	-0.030
118.720	-0.030
118.756	-0.030
118.791	-0.030

118.827	-0.030
118.862	-0.030
118.898	-0.030
118.933	-0.030
118.969	-0.030
119.004	-0.030
119.040	-0.030
119.076	-0.030
119.111	-0.030
119.147	-0.030
119.182	-0.030
119.218	-0.030
119.253	-0.030
119.289	-0.030
119.324	-0.030
119.360	-0.030
119.396	-0.030
119.431	-0.030
119.467	-0.030
119.502	-0.030
119.538	-0.030
119.573	-0.030
119.609	-0.030
119.644	-0.030
119.680	-0.030
119.716	-0.030
119.751	-0.030
119.787	-0.030
119.822	-0.030
119.858	-0.030
119.893	-0.030
119.929	-0.030
119.964	-0.030
120.000	-0.030
120.036	-0.030
120.071	-0.030
120.107	-0.030
120.142	-0.030
120.178	-0.030
120.213	-0.030
120.249	-0.030
120.284	-0.030
120.320	-0.030
120.356	-0.030
120.391	-0.030
120.427	-0.030
120.462	-0.030
120.498	-0.030
120.533	-0.030
120.569	-0.030
120.604	-0.030
120.640	-0.030
120.676	-0.030
120.711	-0.030
120.747	-0.030
120.782	-0.030
120.818	-0.030
120.853	-0.030
120.889	-0.030
120.924	-0.030
120.960	-0.030
120.996	-0.030
121.031	-0.030
121.067	-0.030
121.102	-0.030

121.138	-0.030
121.173	-0.030
121.209	-0.030
121.244	-0.030
121.280	-0.030
121.316	-0.030
121.351	-0.030
121.387	-0.030
121.422	-0.030
121.458	-0.030
121.493	-0.030
121.529	-0.030
121.564	-0.030
121.600	-0.030
121.636	-0.030
121.671	-0.030
121.707	-0.030
121.742	-0.030
121.778	-0.030
121.813	-0.030
121.849	-0.030
121.884	-0.030
121.920	-0.030
121.956	-0.030
121.991	-0.030
122.027	-0.030
122.062	-0.030
122.098	-0.030
122.133	-0.030
122.169	-0.030
122.204	-0.030
122.240	-0.030
122.276	-0.030
122.311	-0.030
122.347	-0.030
122.382	-0.030
122.418	-0.030
122.453	-0.030
122.489	-0.030
122.524	-0.030
122.560	-0.030
122.596	-0.030
122.631	-0.030
122.667	-0.030
122.702	-0.030
122.738	-0.030
122.773	-0.030
122.809	-0.030
122.844	-0.030
122.880	-0.030
122.916	-0.030
122.951	-0.030
122.987	-0.030
123.022	-0.030
123.058	-0.030
123.093	-0.030
123.129	-0.030
123.164	-0.030
123.200	-0.030
123.236	-0.030
123.271	-0.030
123.307	-0.030
123.342	-0.030
123.378	-0.030
123.413	-0.030

123.449	-0.030
123.484	-0.030
123.520	-0.030
123.556	-0.030
123.591	-0.030
123.627	-0.029
123.662	-0.029
123.698	-0.029
123.733	-0.029
123.769	-0.029
123.804	-0.029
123.840	-0.029
123.876	-0.029
123.911	-0.029
123.947	-0.029
123.982	-0.029
124.018	-0.029
124.053	-0.029
124.089	-0.029
124.124	-0.029
124.160	-0.029
124.196	-0.029
124.231	-0.029
124.267	-0.029
124.302	-0.029
124.338	-0.029
124.373	-0.029
124.409	-0.029
124.444	-0.029
124.480	-0.029
124.516	-0.029
124.551	-0.029
124.587	-0.029
124.622	-0.029
124.658	-0.029
124.693	-0.029
124.729	-0.029
124.764	-0.029
124.800	-0.029
124.836	-0.029
124.871	-0.029
124.907	-0.029
124.942	-0.029
124.978	-0.029
125.013	-0.029
125.049	-0.029
125.084	-0.029
125.120	-0.029
125.156	-0.029
125.191	-0.029
125.227	-0.029
125.262	-0.029
125.298	-0.029
125.333	-0.029
125.369	-0.029
125.404	-0.029
125.440	-0.029
125.476	-0.029
125.511	-0.029
125.547	-0.029
125.582	-0.029
125.618	-0.029
125.653	-0.029
125.689	-0.029
125.724	-0.029

125.760	-0.029
125.796	-0.029
125.831	-0.029
125.867	-0.029
125.902	-0.029
125.938	-0.029
125.973	-0.029
126.009	-0.029
126.044	-0.029
126.080	-0.029
126.116	-0.029
126.151	-0.029
126.187	-0.029
126.222	-0.029
126.258	-0.029
126.293	-0.029
126.329	-0.029
126.364	-0.029
126.400	-0.029
126.436	-0.029
126.471	-0.029
126.507	-0.029
126.542	-0.029
126.578	-0.029
126.613	-0.029
126.649	-0.029
126.684	-0.029
126.720	-0.029
126.756	-0.029
126.791	-0.029
126.827	-0.029
126.862	-0.029
126.898	-0.029
126.933	-0.029
126.969	-0.029
127.004	-0.029
127.040	-0.029
127.076	-0.029
127.111	-0.029
127.147	-0.029
127.182	-0.029
127.218	-0.029
127.253	-0.029
127.289	-0.029
127.324	-0.029
127.360	-0.029
127.396	-0.029
127.431	-0.029
127.467	-0.029
127.502	-0.029
127.538	-0.029
127.573	-0.029
127.609	-0.029
127.644	-0.029
127.680	-0.029
127.716	-0.029
127.751	-0.029
127.787	-0.029
127.822	-0.029
127.858	-0.029
127.893	-0.029
127.929	-0.029
127.964	-0.029
128.000	-0.029
128.036	-0.029

128.071	-0.029
128.107	-0.029
128.142	-0.029
128.178	-0.029
128.213	-0.029
128.249	-0.029
128.284	-0.029
128.320	-0.029
128.356	-0.029
128.391	-0.029
128.427	-0.029
128.462	-0.029
128.498	-0.029
128.533	-0.029
128.569	-0.029
128.604	-0.029
128.640	-0.029
128.676	-0.029
128.711	-0.029
128.747	-0.029
128.782	-0.029
128.818	-0.029
128.853	-0.029
128.889	-0.029
128.924	-0.029
128.960	-0.029
128.996	-0.029
129.031	-0.029
129.067	-0.029
129.102	-0.029
129.138	-0.029
129.173	-0.029
129.209	-0.029
129.244	-0.029
129.280	-0.029
129.316	-0.029
129.351	-0.029
129.387	-0.029
129.422	-0.029
129.458	-0.029
129.493	-0.029
129.529	-0.029
129.564	-0.029
129.600	-0.029
129.636	-0.029
129.671	-0.029
129.707	-0.029
129.742	-0.029
129.778	-0.029
129.813	-0.029
129.849	-0.029
129.884	-0.029
129.920	-0.029
129.956	-0.029
129.991	-0.029
130.027	-0.029
130.062	-0.029
130.098	-0.029
130.133	-0.029
130.169	-0.029
130.204	-0.029
130.240	-0.029
130.276	-0.029
130.311	-0.029
130.347	-0.028

130.382	-0.028
130.418	-0.028
130.453	-0.028
130.489	-0.028
130.524	-0.028
130.560	-0.028
130.596	-0.028
130.631	-0.028
130.667	-0.028
130.702	-0.028
130.738	-0.028
130.773	-0.028
130.809	-0.028
130.845	-0.028
130.880	-0.028
130.916	-0.028
130.951	-0.028
130.987	-0.028
131.022	-0.028
131.058	-0.028
131.093	-0.028
131.129	-0.028
131.164	-0.028
131.200	-0.028
131.236	-0.028
131.271	-0.028
131.307	-0.028
131.342	-0.028
131.378	-0.028
131.413	-0.028
131.449	-0.028
131.485	-0.028
131.520	-0.028
131.556	-0.028
131.591	-0.028
131.627	-0.028
131.662	-0.028
131.698	-0.028
131.733	-0.028
131.769	-0.028
131.804	-0.028
131.840	-0.028
131.875	-0.028
131.911	-0.028
131.947	-0.028
131.982	-0.028
132.018	-0.028
132.053	-0.028
132.089	-0.028
132.125	-0.028
132.160	-0.028
132.196	-0.028
132.231	-0.028
132.267	-0.028
132.302	-0.028
132.338	-0.028
132.373	-0.028
132.409	-0.028
132.444	-0.028
132.480	-0.028
132.516	-0.028
132.551	-0.028
132.587	-0.028
132.622	-0.028
132.658	-0.028

132.693	-0.028
132.729	-0.028
132.765	-0.028
132.800	-0.028
132.836	-0.028
132.871	-0.028
132.907	-0.028
132.942	-0.028
132.978	-0.028
133.013	-0.028
133.049	-0.028
133.084	-0.028
133.120	-0.028
133.155	-0.028
133.191	-0.028
133.227	-0.028
133.262	-0.028
133.298	-0.028
133.333	-0.028
133.369	-0.028
133.404	-0.028
133.440	-0.028
133.476	-0.028
133.511	-0.028
133.547	-0.028
133.582	-0.028
133.618	-0.028
133.653	-0.028
133.689	-0.028
133.724	-0.028
133.760	-0.028
133.796	-0.028
133.831	-0.028
133.867	-0.028
133.902	-0.028
133.938	-0.028
133.973	-0.028
134.009	-0.028
134.044	-0.028
134.080	-0.028
134.116	-0.028
134.151	-0.028
134.187	-0.028
134.222	-0.028
134.258	-0.028
134.293	-0.028
134.329	-0.028
134.364	-0.028
134.400	-0.028
134.436	-0.028
134.471	-0.028
134.507	-0.028
134.542	-0.028
134.578	-0.028
134.613	-0.028
134.649	-0.028
134.684	-0.028
134.720	-0.028
134.756	-0.028
134.791	-0.028
134.827	-0.028
134.862	-0.028
134.898	-0.028
134.933	-0.028
134.969	-0.028

135.004	-0.028
135.040	-0.028
135.076	-0.028
135.111	-0.028
135.147	-0.028
135.182	-0.028
135.218	-0.028
135.253	-0.028
135.289	-0.028
135.324	-0.028
135.360	-0.028
135.396	-0.028
135.431	-0.028
135.467	-0.028
135.502	-0.028
135.538	-0.028
135.573	-0.028
135.609	-0.028
135.644	-0.028
135.680	-0.028
135.716	-0.028
135.751	-0.028
135.787	-0.028
135.822	-0.028
135.858	-0.028
135.893	-0.028
135.929	-0.028
135.964	-0.028
136.000	-0.028
136.036	-0.028
136.071	-0.028
136.107	-0.028
136.142	-0.028
136.178	-0.028
136.213	-0.028
136.249	-0.028
136.284	-0.028
136.320	-0.028
136.356	-0.028
136.391	-0.028
136.427	-0.028
136.462	-0.028
136.498	-0.028
136.533	-0.028
136.569	-0.028
136.604	-0.028
136.640	-0.028
136.676	-0.028
136.711	-0.028
136.747	-0.028
136.782	-0.028
136.818	-0.028
136.853	-0.028
136.889	-0.028
136.924	-0.028
136.960	-0.028
136.996	-0.028
137.031	-0.028
137.067	-0.028
137.102	-0.028
137.138	-0.028
137.173	-0.028
137.209	-0.028
137.244	-0.028
137.280	-0.028

137.316	-0.028
137.351	-0.028
137.387	-0.028
137.422	-0.028
137.458	-0.028
137.493	-0.028
137.529	-0.028
137.564	-0.028
137.600	-0.028
137.636	-0.028
137.671	-0.028
137.707	-0.028
137.742	-0.028
137.778	-0.028
137.813	-0.028
137.849	-0.028
137.884	-0.028
137.920	-0.028
137.956	-0.028
137.991	-0.028
138.027	-0.028
138.062	-0.028
138.098	-0.028
138.133	-0.028
138.169	-0.028
138.204	-0.028
138.240	-0.028
138.276	-0.028
138.311	-0.028
138.347	-0.028
138.382	-0.028
138.418	-0.028
138.453	-0.028
138.489	-0.028
138.524	-0.028
138.560	-0.028
138.596	-0.028
138.631	-0.028
138.667	-0.028
138.702	-0.028
138.738	-0.028
138.773	-0.028
138.809	-0.028
138.845	-0.028
138.880	-0.028
138.916	-0.028
138.951	-0.028
138.987	-0.028
139.022	-0.028
139.058	-0.028
139.093	-0.028
139.129	-0.028
139.164	-0.028
139.200	-0.028
139.236	-0.028
139.271	-0.028
139.307	-0.028
139.342	-0.028
139.378	-0.028
139.413	-0.028
139.449	-0.028
139.485	-0.028
139.520	-0.028
139.556	-0.028
139.591	-0.028

139.627	-0.028
139.662	-0.028
139.698	-0.028
139.733	-0.028
139.769	-0.028
139.804	-0.028
139.840	-0.028
139.875	-0.028
139.911	-0.028
139.947	-0.028
139.982	-0.028
140.018	-0.028
140.053	-0.028
140.089	-0.028
140.125	-0.028
140.160	-0.028
140.196	-0.028
140.231	-0.028
140.267	-0.028
140.302	-0.028
140.338	-0.028
140.373	-0.028
140.409	-0.028
140.444	-0.028
140.480	-0.028
140.516	-0.028
140.551	-0.028
140.587	-0.028
140.622	-0.028
140.658	-0.028
140.693	-0.028
140.729	-0.028
140.765	-0.028
140.800	-0.028
140.836	-0.028
140.871	-0.028
140.907	-0.028
140.942	-0.028
140.978	-0.028
141.013	-0.028
141.049	-0.028
141.084	-0.028
141.120	-0.028
141.155	-0.028
141.191	-0.028
141.227	-0.028
141.262	-0.028
141.298	-0.028
141.333	-0.028
141.369	-0.028
141.404	-0.028
141.440	-0.028
141.476	-0.028
141.511	-0.028
141.547	-0.027
141.582	-0.027
141.618	-0.027
141.653	-0.027
141.689	-0.027
141.724	-0.027
141.760	-0.027
141.796	-0.027
141.831	-0.027
141.867	-0.027
141.902	-0.027

141.938	-0.027
141.973	-0.027
142.009	-0.027
142.044	-0.027
142.080	-0.027
142.116	-0.027
142.151	-0.027
142.187	-0.027
142.222	-0.027
142.258	-0.027
142.293	-0.027
142.329	-0.027
142.364	-0.027
142.400	-0.027
142.436	-0.027
142.471	-0.027
142.507	-0.027
142.542	-0.027
142.578	-0.027
142.613	-0.027
142.649	-0.027
142.684	-0.027
142.720	-0.027
142.756	-0.027
142.791	-0.027
142.827	-0.027
142.862	-0.027
142.898	-0.027
142.933	-0.027
142.969	-0.027
143.004	-0.027
143.040	-0.027
143.076	-0.027
143.111	-0.027
143.147	-0.027
143.182	-0.027
143.218	-0.027
143.253	-0.027
143.289	-0.027
143.324	-0.027
143.360	-0.027
143.396	-0.027
143.431	-0.027
143.467	-0.027
143.502	-0.027
143.538	-0.027
143.573	-0.027
143.609	-0.027
143.644	-0.027
143.680	-0.027
143.716	-0.027
143.751	-0.027
143.787	-0.027
143.822	-0.027
143.858	-0.027
143.893	-0.027
143.929	-0.027
143.964	-0.027
144.000	-0.027
144.036	-0.027
144.071	-0.027
144.107	-0.027
144.142	-0.027
144.178	-0.027
144.213	-0.028

144.249	-0.028
144.284	-0.028
144.320	-0.028
144.356	-0.028
144.391	-0.028
144.427	-0.028
144.462	-0.028
144.498	-0.028
144.533	-0.028
144.569	-0.028
144.604	-0.028
144.640	-0.028
144.676	-0.029
144.711	-0.029
144.747	-0.029
144.782	-0.029
144.818	-0.029
144.853	-0.029
144.889	-0.029
144.924	-0.029
144.960	-0.029
144.996	-0.029
145.031	-0.029
145.067	-0.029
145.102	-0.029
145.138	-0.029
145.173	-0.029
145.209	-0.029
145.244	-0.029
145.280	-0.029
145.316	-0.030
145.351	-0.030
145.387	-0.030
145.422	-0.030
145.458	-0.030
145.493	-0.030
145.529	-0.030
145.564	-0.030
145.600	-0.030
145.636	-0.030
145.671	-0.030
145.707	-0.030
145.742	-0.030
145.778	-0.030
145.813	-0.030
145.849	-0.030
145.884	-0.030
145.920	-0.030
145.956	-0.030
145.991	-0.030
146.027	-0.030
146.062	-0.030
146.098	-0.030
146.133	-0.030
146.169	-0.030
146.204	-0.030
146.240	-0.030
146.276	-0.030
146.311	-0.030
146.347	-0.030
146.382	-0.031
146.418	-0.031
146.453	-0.031
146.489	-0.031
146.524	-0.031

146.560	-0.031
146.596	-0.031
146.631	-0.031
146.667	-0.031
146.702	-0.031
146.738	-0.031
146.773	-0.031
146.809	-0.031
146.845	-0.031
146.880	-0.031
146.916	-0.031
146.951	-0.031
146.987	-0.031
147.022	-0.031
147.058	-0.031
147.093	-0.031
147.129	-0.031
147.164	-0.031
147.200	-0.031
147.236	-0.031
147.271	-0.031
147.307	-0.031
147.342	-0.031
147.378	-0.031
147.413	-0.031
147.449	-0.031
147.485	-0.031
147.520	-0.031
147.556	-0.031
147.591	-0.031
147.627	-0.031
147.662	-0.031
147.698	-0.031
147.733	-0.031
147.769	-0.031
147.804	-0.031
147.840	-0.031
147.875	-0.031
147.911	-0.031
147.947	-0.031
147.982	-0.032
148.018	-0.032
148.053	-0.032
148.089	-0.032
148.125	-0.032
148.160	-0.032
148.196	-0.032
148.231	-0.032
148.267	-0.032
148.302	-0.032
148.338	-0.032
148.373	-0.032
148.409	-0.032
148.444	-0.032
148.480	-0.032
148.516	-0.032
148.551	-0.032
148.587	-0.032
148.622	-0.032
148.658	-0.032
148.693	-0.032
148.729	-0.032
148.765	-0.032
148.800	-0.032
148.836	-0.032

148.871	-0.032
148.907	-0.032
148.942	-0.032
148.978	-0.032
149.013	-0.032
149.049	-0.032
149.084	-0.032
149.120	-0.032
149.155	-0.032
149.191	-0.032
149.227	-0.032
149.262	-0.032
149.298	-0.032
149.333	-0.032
149.369	-0.032
149.404	-0.032
149.440	-0.032
149.476	-0.032
149.511	-0.032
149.547	-0.032
149.582	-0.032
149.618	-0.032
149.653	-0.032
149.689	-0.032
149.724	-0.032
149.760	-0.032
149.796	-0.032
149.831	-0.032
149.867	-0.032
149.902	-0.032
149.938	-0.032
149.973	-0.032
150.009	-0.032
150.044	-0.032
150.080	-0.032
150.116	-0.032
150.151	-0.033
150.187	-0.033
150.222	-0.033
150.258	-0.033
150.293	-0.033
150.329	-0.033
150.364	-0.033
150.400	-0.033
150.436	-0.033
150.471	-0.033
150.507	-0.033
150.542	-0.033
150.578	-0.033
150.613	-0.033
150.649	-0.033
150.684	-0.033
150.720	-0.033
150.756	-0.033
150.791	-0.033
150.827	-0.033
150.862	-0.033
150.898	-0.033
150.933	-0.033
150.969	-0.033
151.004	-0.033
151.040	-0.033
151.076	-0.033
151.111	-0.033
151.147	-0.033

151.182	-0.033
151.218	-0.033
151.253	-0.033
151.289	-0.033
151.324	-0.033
151.360	-0.033
151.396	-0.033
151.431	-0.033
151.467	-0.033
151.502	-0.033
151.538	-0.033
151.573	-0.033
151.609	-0.033
151.644	-0.033
151.680	-0.033
151.716	-0.033
151.751	-0.033
151.787	-0.033
151.822	-0.033
151.858	-0.033
151.893	-0.033
151.929	-0.033
151.964	-0.033
152.000	-0.033
152.036	-0.033
152.071	-0.033
152.107	-0.033
152.142	-0.033
152.178	-0.033
152.213	-0.033
152.249	-0.033
152.284	-0.033
152.320	-0.033
152.356	-0.033
152.391	-0.033
152.427	-0.033
152.462	-0.033
152.498	-0.033
152.533	-0.033
152.569	-0.033
152.604	-0.033
152.640	-0.033
152.676	-0.033
152.711	-0.033
152.747	-0.033
152.782	-0.033
152.818	-0.033
152.853	-0.033
152.889	-0.033
152.924	-0.033
152.960	-0.033
152.996	-0.033
153.031	-0.033
153.067	-0.034
153.102	-0.034
153.138	-0.034
153.173	-0.034
153.209	-0.034
153.244	-0.034
153.280	-0.034
153.316	-0.034
153.351	-0.034
153.387	-0.034
153.422	-0.034
153.458	-0.034

153.493	-0.034
153.529	-0.034
153.564	-0.034
153.600	-0.034
153.636	-0.034
153.671	-0.034
153.707	-0.034
153.742	-0.034
153.778	-0.034
153.813	-0.034
153.849	-0.034
153.884	-0.034
153.920	-0.034
153.956	-0.034
153.991	-0.034
154.027	-0.034
154.062	-0.034
154.098	-0.034
154.133	-0.034
154.169	-0.034
154.204	-0.034
154.240	-0.034
154.276	-0.034
154.311	-0.034
154.347	-0.034
154.382	-0.034
154.418	-0.034
154.453	-0.034
154.489	-0.034
154.524	-0.034
154.560	-0.034
154.596	-0.034
154.631	-0.034
154.667	-0.034
154.702	-0.034
154.738	-0.034
154.773	-0.034
154.809	-0.034
154.845	-0.034
154.880	-0.034
154.916	-0.034
154.951	-0.034
154.987	-0.034
155.022	-0.034
155.058	-0.034
155.093	-0.034
155.129	-0.034
155.164	-0.034
155.200	-0.034
155.236	-0.034
155.271	-0.034
155.307	-0.034
155.342	-0.034
155.378	-0.034
155.413	-0.034
155.449	-0.034
155.485	-0.034
155.520	-0.034
155.556	-0.034
155.591	-0.034
155.627	-0.034
155.662	-0.034
155.698	-0.034
155.733	-0.034
155.769	-0.034

155.804	-0.034
155.840	-0.034
155.875	-0.034
155.911	-0.034
155.947	-0.034
155.982	-0.034
156.018	-0.034
156.053	-0.034
156.089	-0.034
156.125	-0.034
156.160	-0.034
156.196	-0.034
156.231	-0.034
156.267	-0.034
156.302	-0.034
156.338	-0.034
156.373	-0.034
156.409	-0.034
156.444	-0.034
156.480	-0.034
156.516	-0.034
156.551	-0.034
156.587	-0.034
156.622	-0.034
156.658	-0.034
156.693	-0.034
156.729	-0.034
156.765	-0.034
156.800	-0.035
156.836	-0.035
156.871	-0.035
156.907	-0.035
156.942	-0.035
156.978	-0.035
157.013	-0.035
157.049	-0.035
157.084	-0.035
157.120	-0.035
157.155	-0.035
157.191	-0.035
157.227	-0.035
157.262	-0.035
157.298	-0.035
157.333	-0.035
157.369	-0.035
157.404	-0.035
157.440	-0.035
157.476	-0.035
157.511	-0.035
157.547	-0.035
157.582	-0.035
157.618	-0.035
157.653	-0.035
157.689	-0.035
157.724	-0.035
157.760	-0.035
157.796	-0.035
157.831	-0.035
157.867	-0.035
157.902	-0.035
157.938	-0.035
157.973	-0.035
158.009	-0.035
158.044	-0.035
158.080	-0.035

158.116	-0.035
158.151	-0.035
158.187	-0.035
158.222	-0.035
158.258	-0.035
158.293	-0.035
158.329	-0.035
158.364	-0.035
158.400	-0.035
158.436	-0.035
158.471	-0.035
158.507	-0.035
158.542	-0.035
158.578	-0.035
158.613	-0.035
158.649	-0.035
158.684	-0.035
158.720	-0.035
158.756	-0.035
158.791	-0.035
158.827	-0.035
158.862	-0.035
158.898	-0.035
158.933	-0.035
158.969	-0.035
159.004	-0.035
159.040	-0.035
159.076	-0.035
159.111	-0.035
159.147	-0.035
159.182	-0.035
159.218	-0.035
159.253	-0.035
159.289	-0.035
159.324	-0.035
159.360	-0.035
159.396	-0.035
159.431	-0.035
159.467	-0.035
159.502	-0.035
159.538	-0.035
159.573	-0.035
159.609	-0.035
159.644	-0.035
159.680	-0.035
159.716	-0.035
159.751	-0.035
159.787	-0.035
159.822	-0.035
159.858	-0.035
159.893	-0.035
159.929	-0.035
159.964	-0.035
160.000	-0.035
160.036	-0.035
160.071	-0.035
160.107	-0.035
160.142	-0.035
160.178	-0.035
160.213	-0.035
160.249	-0.035
160.284	-0.035
160.320	-0.035
160.356	-0.035
160.391	-0.035

160.427	-0.035
160.462	-0.035
160.498	-0.035
160.533	-0.035
160.569	-0.035
160.604	-0.035
160.640	-0.035
160.676	-0.035
160.711	-0.035
160.747	-0.035
160.782	-0.035
160.818	-0.035
160.853	-0.035
160.889	-0.035
160.924	-0.035
160.960	-0.035
160.996	-0.035
161.031	-0.035
161.067	-0.035
161.102	-0.035
161.138	-0.035
161.173	-0.035
161.209	-0.035
161.244	-0.035
161.280	-0.035
161.316	-0.035
161.351	-0.035
161.387	-0.035
161.422	-0.036
161.458	-0.036
161.493	-0.036
161.529	-0.036
161.564	-0.036
161.600	-0.036
161.636	-0.036
161.671	-0.036
161.707	-0.036
161.742	-0.036
161.778	-0.036
161.813	-0.036
161.849	-0.036
161.884	-0.036
161.920	-0.036
161.956	-0.036
161.991	-0.036
162.027	-0.036
162.062	-0.036
162.098	-0.036
162.133	-0.036
162.169	-0.036
162.204	-0.036
162.240	-0.036
162.276	-0.036
162.311	-0.036
162.347	-0.036
162.382	-0.036
162.418	-0.036
162.453	-0.036
162.489	-0.036
162.524	-0.036
162.560	-0.036
162.596	-0.036
162.631	-0.036
162.667	-0.036
162.702	-0.036

162.738	-0.036
162.773	-0.036
162.809	-0.036
162.845	-0.036
162.880	-0.036
162.916	-0.036
162.951	-0.036
162.987	-0.036
163.022	-0.036
163.058	-0.036
163.093	-0.036
163.129	-0.036
163.164	-0.036
163.200	-0.036
163.236	-0.036
163.271	-0.036
163.307	-0.036
163.342	-0.036
163.378	-0.036
163.413	-0.036
163.449	-0.036
163.485	-0.036
163.520	-0.036
163.556	-0.036
163.591	-0.036
163.627	-0.036
163.662	-0.036
163.698	-0.036
163.733	-0.036
163.769	-0.036
163.804	-0.036
163.840	-0.036
163.875	-0.036
163.911	-0.036
163.947	-0.036
163.982	-0.036
164.018	-0.036
164.053	-0.036
164.089	-0.036
164.125	-0.036
164.160	-0.036
164.196	-0.036
164.231	-0.036
164.267	-0.036
164.302	-0.036
164.338	-0.036
164.373	-0.036
164.409	-0.036
164.444	-0.036
164.480	-0.036
164.516	-0.036
164.551	-0.036
164.587	-0.036
164.622	-0.036
164.658	-0.036
164.693	-0.036
164.729	-0.036
164.765	-0.036
164.800	-0.036
164.836	-0.036
164.871	-0.036
164.907	-0.036
164.942	-0.036
164.978	-0.036
165.013	-0.036

165.049	-0.036
165.084	-0.036
165.120	-0.036
165.155	-0.036
165.191	-0.036
165.227	-0.036
165.262	-0.036
165.298	-0.036
165.333	-0.036
165.369	-0.036
165.404	-0.036
165.440	-0.036
165.476	-0.036
165.511	-0.036
165.547	-0.036
165.582	-0.036
165.618	-0.036
165.653	-0.036
165.689	-0.036
165.724	-0.036
165.760	-0.036
165.796	-0.036
165.831	-0.036
165.867	-0.036
165.902	-0.036
165.938	-0.036
165.973	-0.036
166.009	-0.036
166.044	-0.036
166.080	-0.036
166.116	-0.036
166.151	-0.036
166.187	-0.036
166.222	-0.036
166.258	-0.036
166.293	-0.036
166.329	-0.036
166.364	-0.036
166.400	-0.036
166.436	-0.036
166.471	-0.036
166.507	-0.036
166.542	-0.036
166.578	-0.036
166.613	-0.036
166.649	-0.036
166.684	-0.036
166.720	-0.036
166.756	-0.036
166.791	-0.036
166.827	-0.036
166.862	-0.036
166.898	-0.036
166.933	-0.036
166.969	-0.036
167.004	-0.036
167.040	-0.037
167.076	-0.037
167.111	-0.037
167.147	-0.037
167.182	-0.037
167.218	-0.037
167.253	-0.037
167.289	-0.037
167.324	-0.037

167.360	-0.037
167.396	-0.037
167.431	-0.037
167.467	-0.037
167.502	-0.037
167.538	-0.037
167.573	-0.037
167.609	-0.037
167.644	-0.037
167.680	-0.037
167.716	-0.037
167.751	-0.037
167.787	-0.037
167.822	-0.037
167.858	-0.037
167.893	-0.037
167.929	-0.037
167.964	-0.037
168.000	-0.037
168.036	-0.037
168.071	-0.037
168.107	-0.037
168.142	-0.037
168.178	-0.037
168.213	-0.037
168.249	-0.038
168.284	-0.038
168.320	-0.038
168.356	-0.039
168.391	-0.039
168.427	-0.039
168.462	-0.040
168.498	-0.040
168.533	-0.040
168.569	-0.041
168.604	-0.041
168.640	-0.041
168.676	-0.042
168.711	-0.042
168.747	-0.042
168.782	-0.042
168.818	-0.043
168.853	-0.043
168.889	-0.043
168.924	-0.043
168.960	-0.044
168.996	-0.044
169.031	-0.044
169.067	-0.044
169.102	-0.045
169.138	-0.045
169.173	-0.045
169.209	-0.045
169.244	-0.045
169.280	-0.046
169.316	-0.046
169.351	-0.046
169.387	-0.046
169.422	-0.046
169.458	-0.046
169.493	-0.047
169.529	-0.047
169.564	-0.047
169.600	-0.047
169.636	-0.047

169.671	-0.047
169.707	-0.048
169.742	-0.048
169.778	-0.048
169.813	-0.048
169.849	-0.048
169.884	-0.048
169.920	-0.048
169.956	-0.049
169.991	-0.049
170.027	-0.049
170.062	-0.049
170.098	-0.049
170.133	-0.049
170.169	-0.049
170.204	-0.049
170.240	-0.050
170.276	-0.050
170.311	-0.050
170.347	-0.050
170.382	-0.050
170.418	-0.050
170.453	-0.050
170.489	-0.050
170.524	-0.051
170.560	-0.051
170.596	-0.051
170.631	-0.051
170.667	-0.051
170.702	-0.051
170.738	-0.051
170.773	-0.051
170.809	-0.051
170.845	-0.052
170.880	-0.052
170.916	-0.052
170.951	-0.052
170.987	-0.052
171.022	-0.052
171.058	-0.052
171.093	-0.052
171.129	-0.052
171.164	-0.052
171.200	-0.053
171.236	-0.053
171.271	-0.053
171.307	-0.053
171.342	-0.053
171.378	-0.053
171.413	-0.053
171.449	-0.053
171.485	-0.053
171.520	-0.053
171.556	-0.053
171.591	-0.054
171.627	-0.054
171.662	-0.054
171.698	-0.054
171.733	-0.054
171.769	-0.054
171.804	-0.054
171.840	-0.054
171.875	-0.054
171.911	-0.054
171.947	-0.054

171.982	-0.055
172.018	-0.055
172.053	-0.055
172.089	-0.055
172.125	-0.055
172.160	-0.055
172.196	-0.055
172.231	-0.055
172.267	-0.055
172.302	-0.055
172.338	-0.056
172.373	-0.056
172.409	-0.056
172.444	-0.056
172.480	-0.056
172.516	-0.057
172.551	-0.057
172.587	-0.057
172.622	-0.057
172.658	-0.057
172.693	-0.057
172.729	-0.057
172.765	-0.057
172.800	-0.057
172.836	-0.057
172.871	-0.057
172.907	-0.057
172.942	-0.057
172.978	-0.057
173.013	-0.057
173.049	-0.057
173.084	-0.057
173.120	-0.057
173.155	-0.057
173.191	-0.057
173.227	-0.057
173.262	-0.057
173.298	-0.057
173.333	-0.057
173.369	-0.057
173.404	-0.057
173.440	-0.057
173.476	-0.057
173.511	-0.057
173.547	-0.057
173.582	-0.057
173.618	-0.057
173.653	-0.057
173.689	-0.057
173.724	-0.057
173.760	-0.057
173.796	-0.057
173.831	-0.057
173.867	-0.057
173.902	-0.057
173.938	-0.057
173.973	-0.057
174.009	-0.057
174.044	-0.057
174.080	-0.057
174.116	-0.056
174.151	-0.056
174.187	-0.056
174.222	-0.056
174.258	-0.056

174.293	-0.056
174.329	-0.056
174.364	-0.056
174.400	-0.056
174.436	-0.056
174.471	-0.056
174.507	-0.056
174.542	-0.056
174.578	-0.056
174.613	-0.055
174.649	-0.055
174.684	-0.055
174.720	-0.055
174.756	-0.055
174.791	-0.055
174.827	-0.055
174.862	-0.055
174.898	-0.055
174.933	-0.055
174.969	-0.055
175.004	-0.055
175.040	-0.055
175.076	-0.054
175.111	-0.054
175.147	-0.054
175.182	-0.054
175.218	-0.054
175.253	-0.054
175.289	-0.054
175.324	-0.054
175.360	-0.054
175.396	-0.054
175.431	-0.054
175.467	-0.054
175.502	-0.053
175.538	-0.053
175.573	-0.053
175.609	-0.053
175.644	-0.053
175.680	-0.053
175.716	-0.053
175.751	-0.053
175.787	-0.053
175.822	-0.053
175.858	-0.053
175.893	-0.053
175.929	-0.052
175.964	-0.052
176.000	-0.052
176.036	-0.052
176.071	-0.053
176.107	-0.054
176.142	-0.055
176.178	-0.057
176.213	-0.058
176.249	-0.060
176.284	-0.062
176.320	-0.063
176.356	-0.065
176.391	-0.066
176.427	-0.067
176.462	-0.068
176.498	-0.070
176.533	-0.071
176.569	-0.072

176.604	-0.072
176.640	-0.073
176.676	-0.074
176.711	-0.075
176.747	-0.075
176.782	-0.076
176.818	-0.076
176.853	-0.077
176.889	-0.077
176.924	-0.077
176.960	-0.078
176.996	-0.078
177.031	-0.078
177.067	-0.078
177.102	-0.078
177.138	-0.079
177.173	-0.079
177.209	-0.079
177.244	-0.079
177.280	-0.079
177.316	-0.079
177.351	-0.078
177.387	-0.078
177.422	-0.078
177.458	-0.078
177.493	-0.078
177.529	-0.078
177.564	-0.078
177.600	-0.077
177.636	-0.077
177.671	-0.077
177.707	-0.077
177.742	-0.077
177.778	-0.076
177.813	-0.076
177.849	-0.076
177.884	-0.076
177.920	-0.075
177.956	-0.075
177.991	-0.075
178.027	-0.075
178.062	-0.074
178.098	-0.074
178.133	-0.074
178.169	-0.074
178.204	-0.073
178.240	-0.073
178.276	-0.073
178.311	-0.073
178.347	-0.072
178.382	-0.072
178.418	-0.072
178.453	-0.072
178.489	-0.071
178.524	-0.071
178.560	-0.071
178.596	-0.071
178.631	-0.070
178.667	-0.070
178.702	-0.070
178.738	-0.070
178.773	-0.070
178.809	-0.069
178.845	-0.069
178.880	-0.069

178.916	-0.069
178.951	-0.068
178.987	-0.068
179.022	-0.068
179.058	-0.068
179.093	-0.068
179.129	-0.067
179.164	-0.067
179.200	-0.067
179.236	-0.067
179.271	-0.066
179.307	-0.066
179.342	-0.066
179.378	-0.066
179.413	-0.066
179.449	-0.065
179.485	-0.065
179.520	-0.065
179.556	-0.065
179.591	-0.065
179.627	-0.065
179.662	-0.064
179.698	-0.064
179.733	-0.064
179.769	-0.064
179.804	-0.064
179.840	-0.063
179.875	-0.063
179.911	-0.063
179.947	-0.063
179.982	-0.063
180.018	-0.063
180.053	-0.062
180.089	-0.062
180.125	-0.062
180.160	-0.062
180.196	-0.062
180.231	-0.062
180.267	-0.062
180.302	-0.061
180.338	-0.061
180.373	-0.061
180.409	-0.061
180.444	-0.061
180.480	-0.061
180.516	-0.061
180.551	-0.060
180.587	-0.060
180.622	-0.060
180.658	-0.060
180.693	-0.060
180.729	-0.060
180.765	-0.060
180.800	-0.060
180.836	-0.059
180.871	-0.059
180.907	-0.059
180.942	-0.059
180.978	-0.059
181.013	-0.059
181.049	-0.059
181.084	-0.059
181.120	-0.059
181.155	-0.058
181.191	-0.058

181.227	-0.058
181.262	-0.058
181.298	-0.058
181.333	-0.058
181.369	-0.058
181.404	-0.058
181.440	-0.058
181.476	-0.057
181.511	-0.057
181.547	-0.057
181.582	-0.057
181.618	-0.057
181.653	-0.057
181.689	-0.057
181.724	-0.057
181.760	-0.057
181.796	-0.057
181.831	-0.057
181.867	-0.056
181.902	-0.056
181.938	-0.056
181.973	-0.056
182.009	-0.056
182.044	-0.056
182.080	-0.056
182.116	-0.056
182.151	-0.056
182.187	-0.056
182.222	-0.056
182.258	-0.056
182.293	-0.055
182.329	-0.055
182.364	-0.055
182.400	-0.055
182.436	-0.055
182.471	-0.055
182.507	-0.055
182.542	-0.055
182.578	-0.055
182.613	-0.055
182.649	-0.055
182.684	-0.055
182.720	-0.055
182.756	-0.054
182.791	-0.054
182.827	-0.054
182.862	-0.054
182.898	-0.054
182.933	-0.054
182.969	-0.054
183.004	-0.054
183.040	-0.054
183.076	-0.054
183.111	-0.054
183.147	-0.054
183.182	-0.054
183.218	-0.054
183.253	-0.054
183.289	-0.053
183.324	-0.053
183.360	-0.053
183.396	-0.053
183.431	-0.053
183.467	-0.053
183.502	-0.053

183.538	-0.053
183.573	-0.053
183.609	-0.053
183.644	-0.053
183.680	-0.053
183.716	-0.053
183.751	-0.053
183.787	-0.053
183.822	-0.053
183.858	-0.053
183.893	-0.053
183.929	-0.052
183.964	-0.052
184.000	-0.052
184.036	-0.052
184.071	-0.051
184.107	-0.050
184.142	-0.048
184.178	-0.046
184.213	-0.044
184.249	-0.041
184.284	-0.039
184.320	-0.037
184.356	-0.036
184.391	-0.034
184.427	-0.033
184.462	-0.031
184.498	-0.030
184.533	-0.029
184.569	-0.028
184.604	-0.028
184.640	-0.027
184.676	-0.026
184.711	-0.026
184.747	-0.025
184.782	-0.025
184.818	-0.024
184.853	-0.024
184.889	-0.023
184.924	-0.023
184.960	-0.023
184.996	-0.023
185.031	-0.023
185.067	-0.022
185.102	-0.022
185.138	-0.022
185.173	-0.022
185.209	-0.022
185.244	-0.022
185.280	-0.022
185.316	-0.022
185.351	-0.022
185.387	-0.022
185.422	-0.022
185.458	-0.022
185.493	-0.022
185.529	-0.022
185.564	-0.023
185.600	-0.023
185.636	-0.023
185.671	-0.023
185.707	-0.023
185.742	-0.023
185.778	-0.023
185.813	-0.023

185.849	-0.023
185.884	-0.023
185.920	-0.024
185.956	-0.024
185.991	-0.024
186.027	-0.024
186.062	-0.024
186.098	-0.024
186.133	-0.024
186.169	-0.024
186.204	-0.024
186.240	-0.025
186.276	-0.025
186.311	-0.025
186.347	-0.025
186.382	-0.025
186.418	-0.025
186.453	-0.025
186.489	-0.025
186.524	-0.025
186.560	-0.026
186.596	-0.026
186.631	-0.026
186.667	-0.026
186.702	-0.026
186.738	-0.026
186.773	-0.026
186.809	-0.026
186.845	-0.026
186.880	-0.026
186.916	-0.027
186.951	-0.027
186.987	-0.027
187.022	-0.027
187.058	-0.027
187.093	-0.027
187.129	-0.027
187.164	-0.027
187.200	-0.027
187.236	-0.027
187.271	-0.027
187.307	-0.027
187.342	-0.028
187.378	-0.028
187.413	-0.028
187.449	-0.028
187.485	-0.028
187.520	-0.028
187.556	-0.028
187.591	-0.028
187.627	-0.028
187.662	-0.028
187.698	-0.028
187.733	-0.028
187.769	-0.028
187.804	-0.029
187.840	-0.029
187.875	-0.029
187.911	-0.029
187.947	-0.029
187.982	-0.029
188.018	-0.029
188.053	-0.029
188.089	-0.029
188.125	-0.029

188.160	-0.029
188.196	-0.029
188.231	-0.029
188.267	-0.029
188.302	-0.029
188.338	-0.030
188.373	-0.030
188.409	-0.030
188.444	-0.030
188.480	-0.030
188.516	-0.030
188.551	-0.030
188.587	-0.030
188.622	-0.030
188.658	-0.030
188.693	-0.030
188.729	-0.030
188.765	-0.030
188.800	-0.030
188.836	-0.030
188.871	-0.030
188.907	-0.030
188.942	-0.030
188.978	-0.030
189.013	-0.031
189.049	-0.031
189.084	-0.031
189.120	-0.031
189.155	-0.031
189.191	-0.031
189.227	-0.031
189.262	-0.031
189.298	-0.031
189.333	-0.031
189.369	-0.031
189.404	-0.031
189.440	-0.031
189.476	-0.031
189.511	-0.031
189.547	-0.031
189.582	-0.031
189.618	-0.031
189.653	-0.031
189.689	-0.031
189.724	-0.031
189.760	-0.031
189.796	-0.031
189.831	-0.031
189.867	-0.031
189.902	-0.032
189.938	-0.032
189.973	-0.032
190.009	-0.032
190.044	-0.032
190.080	-0.032
190.116	-0.032
190.151	-0.032
190.187	-0.032
190.222	-0.032
190.258	-0.032
190.293	-0.032
190.329	-0.032
190.364	-0.032
190.400	-0.032
190.436	-0.032

190.471	-0.032
190.507	-0.032
190.542	-0.032
190.578	-0.032
190.613	-0.032
190.649	-0.032
190.684	-0.032
190.720	-0.032
190.756	-0.032
190.791	-0.032
190.827	-0.032
190.862	-0.032
190.898	-0.032
190.933	-0.032
190.969	-0.032
191.004	-0.032
191.040	-0.032
191.076	-0.032
191.111	-0.032
191.147	-0.032
191.182	-0.032
191.218	-0.032
191.253	-0.033
191.289	-0.033
191.324	-0.033
191.360	-0.033
191.396	-0.033
191.431	-0.033
191.467	-0.033
191.502	-0.033
191.538	-0.033
191.573	-0.033
191.609	-0.033
191.644	-0.033
191.680	-0.033
191.716	-0.033
191.751	-0.033
191.787	-0.033
191.822	-0.033
191.858	-0.033
191.893	-0.033
191.929	-0.033
191.964	-0.033
192.000	-0.033
192.036	-0.033
192.071	-0.033
192.107	-0.033
192.142	-0.033
192.178	-0.033
192.213	-0.032
192.249	-0.032
192.284	-0.032
192.320	-0.032
192.356	-0.032
192.391	-0.032
192.427	-0.032
192.462	-0.032
192.498	-0.031
192.533	-0.031
192.569	-0.031
192.604	-0.031
192.640	-0.031
192.676	-0.031
192.711	-0.031
192.747	-0.031

192.782	-0.031
192.818	-0.031
192.853	-0.031
192.889	-0.031
192.924	-0.031
192.960	-0.031
192.996	-0.031
193.031	-0.031
193.067	-0.031
193.102	-0.031
193.138	-0.031
193.173	-0.031
193.209	-0.031
193.244	-0.031
193.280	-0.031
193.316	-0.031
193.351	-0.031
193.387	-0.031
193.422	-0.031
193.458	-0.031
193.493	-0.031
193.529	-0.031
193.564	-0.031
193.600	-0.031
193.636	-0.031
193.671	-0.031
193.707	-0.031
193.742	-0.031
193.778	-0.031
193.813	-0.031
193.849	-0.031
193.884	-0.031
193.920	-0.031
193.956	-0.031
193.991	-0.031
194.027	-0.031
194.062	-0.031
194.098	-0.031
194.133	-0.031
194.169	-0.031
194.204	-0.031
194.240	-0.031
194.276	-0.031
194.311	-0.031
194.347	-0.031
194.382	-0.031
194.418	-0.031
194.453	-0.031
194.489	-0.031
194.524	-0.031
194.560	-0.031
194.596	-0.031
194.631	-0.031
194.667	-0.031
194.702	-0.031
194.738	-0.031
194.773	-0.031
194.809	-0.031
194.845	-0.031
194.880	-0.031
194.916	-0.031
194.951	-0.031
194.987	-0.031
195.022	-0.031
195.058	-0.031

195.093	-0.031
195.129	-0.031
195.164	-0.031
195.200	-0.031
195.236	-0.031
195.271	-0.031
195.307	-0.031
195.342	-0.031
195.378	-0.031
195.413	-0.031
195.449	-0.031
195.485	-0.031
195.520	-0.031
195.556	-0.031
195.591	-0.031
195.627	-0.031
195.662	-0.031
195.698	-0.031
195.733	-0.031
195.769	-0.031
195.804	-0.031
195.840	-0.031
195.875	-0.031
195.911	-0.031
195.947	-0.031
195.982	-0.031
196.018	-0.031
196.053	-0.031
196.089	-0.031
196.125	-0.031
196.160	-0.031
196.196	-0.031
196.231	-0.031
196.267	-0.031
196.302	-0.031
196.338	-0.031
196.373	-0.031
196.409	-0.031
196.444	-0.031
196.480	-0.031
196.516	-0.031
196.551	-0.031
196.587	-0.031
196.622	-0.031
196.658	-0.031
196.693	-0.031
196.729	-0.031
196.765	-0.031
196.800	-0.031
196.836	-0.031
196.871	-0.031
196.907	-0.031
196.942	-0.031
196.978	-0.031
197.013	-0.031
197.049	-0.031
197.084	-0.031
197.120	-0.031
197.155	-0.031
197.191	-0.031
197.227	-0.031
197.262	-0.031
197.298	-0.032
197.333	-0.032
197.369	-0.032

197.404	-0.032
197.440	-0.032
197.476	-0.032
197.511	-0.032
197.547	-0.032
197.582	-0.032
197.618	-0.032
197.653	-0.032
197.689	-0.032
197.724	-0.032
197.760	-0.032
197.796	-0.032
197.831	-0.032
197.867	-0.032
197.902	-0.032
197.938	-0.032
197.973	-0.032
198.009	-0.032
198.044	-0.032
198.080	-0.032
198.116	-0.032
198.151	-0.032
198.187	-0.032
198.222	-0.032
198.258	-0.032
198.293	-0.032
198.329	-0.032
198.364	-0.032
198.400	-0.032
198.436	-0.032
198.471	-0.032
198.507	-0.032
198.542	-0.032
198.578	-0.032
198.613	-0.032
198.649	-0.032
198.684	-0.032
198.720	-0.032
198.756	-0.032
198.791	-0.032
198.827	-0.032
198.862	-0.032
198.898	-0.032
198.933	-0.032
198.969	-0.032
199.004	-0.032
199.040	-0.032
199.076	-0.032
199.111	-0.032
199.147	-0.032
199.182	-0.032
199.218	-0.032
199.253	-0.032
199.289	-0.032
199.324	-0.032
199.360	-0.032
199.396	-0.032
199.431	-0.032
199.467	-0.032
199.502	-0.032
199.538	-0.032
199.573	-0.032
199.609	-0.032
199.644	-0.032
199.680	-0.032

199.716	-0.032
199.751	-0.032
199.787	-0.032
199.822	-0.032
199.858	-0.032
199.893	-0.032
199.929	-0.032
199.964	-0.032
200.000	-0.032
200.036	-0.032
200.071	-0.032
200.107	-0.032
200.142	-0.032
200.178	-0.032
200.213	-0.032
200.249	-0.032
200.284	-0.032
200.320	-0.032
200.356	-0.032
200.391	-0.032
200.427	-0.032
200.462	-0.032
200.498	-0.032
200.533	-0.032
200.569	-0.032
200.604	-0.032
200.640	-0.032
200.676	-0.032
200.711	-0.032
200.747	-0.032
200.782	-0.032
200.818	-0.032
200.853	-0.032
200.889	-0.032
200.924	-0.032
200.960	-0.032
200.996	-0.032
201.031	-0.032
201.067	-0.032
201.102	-0.032
201.138	-0.032
201.173	-0.032
201.209	-0.032
201.244	-0.032
201.280	-0.032
201.316	-0.032
201.351	-0.032
201.387	-0.032
201.422	-0.032
201.458	-0.032
201.493	-0.032
201.529	-0.032
201.564	-0.032
201.600	-0.032
201.636	-0.032
201.671	-0.032
201.707	-0.032
201.742	-0.032
201.778	-0.032
201.813	-0.032
201.849	-0.032
201.884	-0.032
201.920	-0.032
201.956	-0.032
201.991	-0.032

202.027	-0.032
202.062	-0.032
202.098	-0.032
202.133	-0.032
202.169	-0.032
202.204	-0.032
202.240	-0.032
202.276	-0.032
202.311	-0.032
202.347	-0.032
202.382	-0.032
202.418	-0.032
202.453	-0.032
202.489	-0.032
202.524	-0.032
202.560	-0.032
202.596	-0.032
202.631	-0.032
202.667	-0.032
202.702	-0.032
202.738	-0.032
202.773	-0.032
202.809	-0.032
202.845	-0.032
202.880	-0.032
202.916	-0.032
202.951	-0.032
202.987	-0.032
203.022	-0.032
203.058	-0.032
203.093	-0.032
203.129	-0.032
203.164	-0.032
203.200	-0.032
203.236	-0.032
203.271	-0.032
203.307	-0.032
203.342	-0.032
203.378	-0.032
203.413	-0.032
203.449	-0.032
203.485	-0.032
203.520	-0.032
203.556	-0.032
203.591	-0.032
203.627	-0.032
203.662	-0.032
203.698	-0.032
203.733	-0.032
203.769	-0.032
203.804	-0.032
203.840	-0.032
203.875	-0.032
203.911	-0.032
203.947	-0.032
203.982	-0.032
204.018	-0.032
204.053	-0.032
204.089	-0.032
204.125	-0.032
204.160	-0.032
204.196	-0.032
204.231	-0.032
204.267	-0.032
204.302	-0.032

204.338	-0.032
204.373	-0.032
204.409	-0.032
204.444	-0.032
204.480	-0.032
204.516	-0.032
204.551	-0.032
204.587	-0.032
204.622	-0.032
204.658	-0.032
204.693	-0.032
204.729	-0.032
204.765	-0.032
204.800	-0.032
204.836	-0.032
204.871	-0.032
204.907	-0.032
204.942	-0.032
204.978	-0.032
205.013	-0.032
205.049	-0.032
205.084	-0.032
205.120	-0.032
205.155	-0.032
205.191	-0.032
205.227	-0.032
205.262	-0.032
205.298	-0.032
205.333	-0.032
205.369	-0.032
205.404	-0.032
205.440	-0.032
205.476	-0.032
205.511	-0.032
205.547	-0.032
205.582	-0.032
205.618	-0.032
205.653	-0.032
205.689	-0.032
205.724	-0.032
205.760	-0.032
205.796	-0.032
205.831	-0.032
205.867	-0.032
205.902	-0.032
205.938	-0.032
205.973	-0.032
206.009	-0.032
206.044	-0.032
206.080	-0.032
206.116	-0.032
206.151	-0.032
206.187	-0.032
206.222	-0.032
206.258	-0.032
206.293	-0.032
206.329	-0.032
206.364	-0.032
206.400	-0.032
206.436	-0.032
206.471	-0.032
206.507	-0.032
206.542	-0.032
206.578	-0.032
206.613	-0.032

206.649	-0.032
206.684	-0.032
206.720	-0.032
206.756	-0.032
206.791	-0.032
206.827	-0.032
206.862	-0.032
206.898	-0.032
206.933	-0.032
206.969	-0.032
207.004	-0.032
207.040	-0.032
207.076	-0.032
207.111	-0.032
207.147	-0.032
207.182	-0.032
207.218	-0.032
207.253	-0.032
207.289	-0.032
207.324	-0.032
207.360	-0.032
207.396	-0.032
207.431	-0.032
207.467	-0.032
207.502	-0.032
207.538	-0.032
207.573	-0.032
207.609	-0.032
207.644	-0.032
207.680	-0.032
207.716	-0.032
207.751	-0.032
207.787	-0.032
207.822	-0.032
207.858	-0.032
207.893	-0.032
207.929	-0.032
207.964	-0.032
208.000	-0.032
208.036	-0.032
208.071	-0.032
208.107	-0.032
208.142	-0.032
208.178	-0.032
208.213	-0.032
208.249	-0.032
208.284	-0.032
208.320	-0.032
208.356	-0.032
208.391	-0.032
208.427	-0.032
208.462	-0.032
208.498	-0.032
208.533	-0.032
208.569	-0.032
208.604	-0.032
208.640	-0.032
208.676	-0.032
208.711	-0.032
208.747	-0.032
208.782	-0.032
208.818	-0.032
208.853	-0.032
208.889	-0.032
208.924	-0.032

208.960	-0.032
208.996	-0.032
209.031	-0.032
209.067	-0.032
209.102	-0.032
209.138	-0.032
209.173	-0.032
209.209	-0.032
209.244	-0.032
209.280	-0.032
209.316	-0.032
209.351	-0.032
209.387	-0.032
209.422	-0.032
209.458	-0.032
209.493	-0.032
209.529	-0.032
209.564	-0.032
209.600	-0.032
209.636	-0.032
209.671	-0.032
209.707	-0.032
209.742	-0.032
209.778	-0.032
209.813	-0.032
209.849	-0.032
209.884	-0.032
209.920	-0.032
209.956	-0.032
209.991	-0.032
210.027	-0.032
210.062	-0.032
210.098	-0.032
210.133	-0.032
210.169	-0.032
210.204	-0.032
210.240	-0.032
210.276	-0.032
210.311	-0.032
210.347	-0.032
210.382	-0.032
210.418	-0.032
210.453	-0.032
210.489	-0.032
210.524	-0.032
210.560	-0.032
210.596	-0.032
210.631	-0.032
210.667	-0.032
210.702	-0.032
210.738	-0.032
210.773	-0.032
210.809	-0.032
210.845	-0.032
210.880	-0.032
210.916	-0.032
210.951	-0.032
210.987	-0.032
211.022	-0.032
211.058	-0.032
211.093	-0.031
211.129	-0.031
211.164	-0.031
211.200	-0.031
211.236	-0.031

211.271	-0.031
211.307	-0.031
211.342	-0.031
211.378	-0.031
211.413	-0.031
211.449	-0.031
211.485	-0.031
211.520	-0.031
211.556	-0.031
211.591	-0.031
211.627	-0.031
211.662	-0.031
211.698	-0.031
211.733	-0.031
211.769	-0.031
211.804	-0.031
211.840	-0.031
211.875	-0.031
211.911	-0.031
211.947	-0.031
211.982	-0.031
212.018	-0.031
212.053	-0.031
212.089	-0.031
212.125	-0.031
212.160	-0.031
212.196	-0.031
212.231	-0.031
212.267	-0.031
212.302	-0.031
212.338	-0.031
212.373	-0.031
212.409	-0.031
212.444	-0.031
212.480	-0.031
212.516	-0.031
212.551	-0.031
212.587	-0.031
212.622	-0.031
212.658	-0.031
212.693	-0.031
212.729	-0.031
212.765	-0.031
212.800	-0.031
212.836	-0.031
212.871	-0.031
212.907	-0.031
212.942	-0.031
212.978	-0.031
213.013	-0.031
213.049	-0.031
213.084	-0.031
213.120	-0.031
213.155	-0.031
213.191	-0.031
213.227	-0.031
213.262	-0.031
213.298	-0.031
213.333	-0.031
213.369	-0.031
213.404	-0.031
213.440	-0.031
213.476	-0.031
213.511	-0.031
213.547	-0.031

213.582	-0.031
213.618	-0.031
213.653	-0.031
213.689	-0.031
213.724	-0.031
213.760	-0.031
213.796	-0.031
213.831	-0.031
213.867	-0.031
213.902	-0.031
213.938	-0.031
213.973	-0.031
214.009	-0.031
214.044	-0.031
214.080	-0.031
214.116	-0.031
214.151	-0.031
214.187	-0.031
214.222	-0.031
214.258	-0.031
214.293	-0.031
214.329	-0.031
214.364	-0.031
214.400	-0.031
214.436	-0.031
214.471	-0.031
214.507	-0.031
214.542	-0.031
214.578	-0.031
214.613	-0.031
214.649	-0.031
214.684	-0.031
214.720	-0.031
214.756	-0.031
214.791	-0.031
214.827	-0.031
214.862	-0.031
214.898	-0.031
214.933	-0.031
214.969	-0.031
215.004	-0.031
215.040	-0.031
215.076	-0.031
215.111	-0.031
215.147	-0.031
215.182	-0.031
215.218	-0.031
215.253	-0.031
215.289	-0.031
215.324	-0.031
215.360	-0.031
215.396	-0.031
215.431	-0.031
215.467	-0.031
215.502	-0.031
215.538	-0.031
215.573	-0.031
215.609	-0.031
215.644	-0.031
215.680	-0.031
215.716	-0.031
215.751	-0.031
215.787	-0.031
215.822	-0.031
215.858	-0.031

215.893	-0.031
215.929	-0.031
215.964	-0.031
216.000	-0.031
216.036	-0.031
216.071	-0.031
216.107	-0.031
216.142	-0.031
216.178	-0.031
216.213	-0.030
216.249	-0.030
216.284	-0.030
216.320	-0.030
216.356	-0.030
216.391	-0.030
216.427	-0.029
216.462	-0.029
216.498	-0.029
216.533	-0.029
216.569	-0.029
216.604	-0.029
216.640	-0.029
216.676	-0.029
216.711	-0.029
216.747	-0.029
216.782	-0.028
216.818	-0.028
216.853	-0.028
216.889	-0.028
216.924	-0.028
216.960	-0.028
216.996	-0.028
217.031	-0.028
217.067	-0.028
217.102	-0.028
217.138	-0.028
217.173	-0.028
217.209	-0.028
217.244	-0.028
217.280	-0.028
217.316	-0.028
217.351	-0.028
217.387	-0.028
217.422	-0.028
217.458	-0.028
217.493	-0.028
217.529	-0.028
217.564	-0.028
217.600	-0.028
217.636	-0.028
217.671	-0.027
217.707	-0.027
217.742	-0.027
217.778	-0.027
217.813	-0.027
217.849	-0.027
217.884	-0.027
217.920	-0.027
217.956	-0.027
217.991	-0.027
218.027	-0.027
218.062	-0.027
218.098	-0.027
218.133	-0.027
218.169	-0.027

218.204	-0.027
218.240	-0.027
218.276	-0.027
218.311	-0.027
218.347	-0.027
218.382	-0.027
218.418	-0.027
218.453	-0.027
218.489	-0.027
218.524	-0.027
218.560	-0.027
218.596	-0.027
218.631	-0.027
218.667	-0.027
218.702	-0.027
218.738	-0.027
218.773	-0.027
218.809	-0.027
218.845	-0.027
218.880	-0.027
218.916	-0.027
218.951	-0.027
218.987	-0.027
219.022	-0.027
219.058	-0.027
219.093	-0.027
219.129	-0.027
219.164	-0.027
219.200	-0.027
219.236	-0.027
219.271	-0.027
219.307	-0.027
219.342	-0.027
219.378	-0.027
219.413	-0.027
219.449	-0.027
219.485	-0.027
219.520	-0.027
219.556	-0.027
219.591	-0.027
219.627	-0.027
219.662	-0.027
219.698	-0.027
219.733	-0.027
219.769	-0.027
219.804	-0.027
219.840	-0.027
219.875	-0.027
219.911	-0.027
219.947	-0.027
219.982	-0.027
220.018	-0.027
220.053	-0.027
220.089	-0.027
220.125	-0.027
220.160	-0.027
220.196	-0.027
220.231	-0.027
220.267	-0.027
220.302	-0.027
220.338	-0.027
220.373	-0.027
220.409	-0.027
220.444	-0.027
220.480	-0.027

220.516	-0.027
220.551	-0.027
220.587	-0.027
220.622	-0.027
220.658	-0.027
220.693	-0.027
220.729	-0.027
220.765	-0.027
220.800	-0.027
220.836	-0.027
220.871	-0.027
220.907	-0.027
220.942	-0.027
220.978	-0.027
221.013	-0.027
221.049	-0.028
221.084	-0.028
221.120	-0.028
221.155	-0.028
221.191	-0.028
221.227	-0.028
221.262	-0.028
221.298	-0.028
221.333	-0.028
221.369	-0.028
221.404	-0.028
221.440	-0.028
221.476	-0.028
221.511	-0.028
221.547	-0.028
221.582	-0.028
221.618	-0.028
221.653	-0.028
221.689	-0.028
221.724	-0.028
221.760	-0.028
221.796	-0.028
221.831	-0.028
221.867	-0.028
221.902	-0.028
221.938	-0.028
221.973	-0.028
222.009	-0.028
222.044	-0.028
222.080	-0.028
222.116	-0.028
222.151	-0.028
222.187	-0.028
222.222	-0.028
222.258	-0.028
222.293	-0.028
222.329	-0.028
222.364	-0.028
222.400	-0.028
222.436	-0.028
222.471	-0.028
222.507	-0.028
222.542	-0.028
222.578	-0.028
222.613	-0.028
222.649	-0.028
222.684	-0.028
222.720	-0.028
222.756	-0.028
222.791	-0.028

222.827	-0.028
222.862	-0.028
222.898	-0.028
222.933	-0.028
222.969	-0.028
223.004	-0.028
223.040	-0.028
223.076	-0.028
223.111	-0.028
223.147	-0.028
223.182	-0.028
223.218	-0.028
223.253	-0.028
223.289	-0.028
223.324	-0.028
223.360	-0.028
223.396	-0.028
223.431	-0.028
223.467	-0.028
223.502	-0.028
223.538	-0.028
223.573	-0.028
223.609	-0.028
223.644	-0.028
223.680	-0.028
223.716	-0.028
223.751	-0.028
223.787	-0.028
223.822	-0.028
223.858	-0.028
223.893	-0.028
223.929	-0.028
223.964	-0.028
224.000	-0.028
224.036	-0.028
224.071	-0.028
224.107	-0.028
224.142	-0.028
224.178	-0.028
224.213	-0.028
224.249	-0.028
224.284	-0.028
224.320	-0.028
224.356	-0.028
224.391	-0.028
224.427	-0.028
224.462	-0.028
224.498	-0.028
224.533	-0.028
224.569	-0.028
224.604	-0.028
224.640	-0.028
224.676	-0.028
224.711	-0.028
224.747	-0.028
224.782	-0.028
224.818	-0.028
224.853	-0.028
224.889	-0.028
224.924	-0.028
224.960	-0.028
224.996	-0.028
225.031	-0.028
225.067	-0.028
225.102	-0.028

225.138	-0.028
225.173	-0.028
225.209	-0.028
225.244	-0.028
225.280	-0.028
225.316	-0.028
225.351	-0.028
225.387	-0.028
225.422	-0.028
225.458	-0.028
225.493	-0.028
225.529	-0.028
225.564	-0.028
225.600	-0.028
225.636	-0.028
225.671	-0.028
225.707	-0.028
225.742	-0.028
225.778	-0.028
225.813	-0.028
225.849	-0.028
225.884	-0.028
225.920	-0.028
225.956	-0.028
225.991	-0.028
226.027	-0.028
226.062	-0.028
226.098	-0.028
226.133	-0.028
226.169	-0.028
226.204	-0.028
226.240	-0.028
226.276	-0.028
226.311	-0.028
226.347	-0.028
226.382	-0.028
226.418	-0.028
226.453	-0.028
226.489	-0.028
226.524	-0.028
226.560	-0.028
226.596	-0.028
226.631	-0.028
226.667	-0.028
226.702	-0.028
226.738	-0.028
226.773	-0.028
226.809	-0.028
226.845	-0.028
226.880	-0.028
226.916	-0.028
226.951	-0.028
226.987	-0.028
227.022	-0.028
227.058	-0.028
227.093	-0.028
227.129	-0.028
227.164	-0.028
227.200	-0.028
227.236	-0.028
227.271	-0.028
227.307	-0.028
227.342	-0.028
227.378	-0.028
227.413	-0.028

227.449	-0.028
227.485	-0.028
227.520	-0.028
227.556	-0.028
227.591	-0.028
227.627	-0.028
227.662	-0.028
227.698	-0.028
227.733	-0.028
227.769	-0.028
227.804	-0.028
227.840	-0.028
227.875	-0.028
227.911	-0.028
227.947	-0.028
227.982	-0.028
228.018	-0.028
228.053	-0.028
228.089	-0.028
228.125	-0.028
228.160	-0.028
228.196	-0.028
228.231	-0.028
228.267	-0.028
228.302	-0.028
228.338	-0.028
228.373	-0.028
228.409	-0.028
228.444	-0.028
228.480	-0.028
228.516	-0.028
228.551	-0.028
228.587	-0.028
228.622	-0.028
228.658	-0.028
228.693	-0.028
228.729	-0.028
228.765	-0.028
228.800	-0.028
228.836	-0.028
228.871	-0.028
228.907	-0.028
228.942	-0.028
228.978	-0.028
229.013	-0.028
229.049	-0.028
229.084	-0.028
229.120	-0.028
229.155	-0.028
229.191	-0.028
229.227	-0.028
229.262	-0.028
229.298	-0.028
229.333	-0.028
229.369	-0.028
229.404	-0.028
229.440	-0.028
229.476	-0.028
229.511	-0.028
229.547	-0.028
229.582	-0.028
229.618	-0.028
229.653	-0.028
229.689	-0.028
229.724	-0.028

229.760	-0.028
229.796	-0.028
229.831	-0.028
229.867	-0.028
229.902	-0.028
229.938	-0.028
229.973	-0.028
230.009	-0.028
230.044	-0.028
230.080	-0.028
230.116	-0.028
230.151	-0.028
230.187	-0.028
230.222	-0.028
230.258	-0.028
230.293	-0.028
230.329	-0.028
230.364	-0.028
230.400	-0.028
230.436	-0.028
230.471	-0.028
230.507	-0.028
230.542	-0.028
230.578	-0.028
230.613	-0.028
230.649	-0.028
230.684	-0.028
230.720	-0.028
230.756	-0.028
230.791	-0.028
230.827	-0.028
230.862	-0.028
230.898	-0.028
230.933	-0.028
230.969	-0.028
231.004	-0.028
231.040	-0.028
231.076	-0.028
231.111	-0.028
231.147	-0.028
231.182	-0.028
231.218	-0.028
231.253	-0.028
231.289	-0.028
231.324	-0.028
231.360	-0.028
231.396	-0.028
231.431	-0.028
231.467	-0.028
231.502	-0.028
231.538	-0.028
231.573	-0.028
231.609	-0.028
231.644	-0.028
231.680	-0.028
231.716	-0.028
231.751	-0.028
231.787	-0.028
231.822	-0.028
231.858	-0.028
231.893	-0.028
231.929	-0.028
231.964	-0.028
232.000	-0.028
232.036	-0.028

232.071	-0.028
232.107	-0.028
232.142	-0.028
232.178	-0.028
232.213	-0.028
232.249	-0.028
232.284	-0.028
232.320	-0.028
232.356	-0.028
232.391	-0.028
232.427	-0.028
232.462	-0.028
232.498	-0.028
232.533	-0.028
232.569	-0.028
232.604	-0.028
232.640	-0.028
232.676	-0.028
232.711	-0.028
232.747	-0.028
232.782	-0.028
232.818	-0.028
232.853	-0.028
232.889	-0.028
232.924	-0.028
232.960	-0.028
232.996	-0.028
233.031	-0.028
233.067	-0.028
233.102	-0.028
233.138	-0.028
233.173	-0.028
233.209	-0.028
233.244	-0.028
233.280	-0.028
233.316	-0.028
233.351	-0.028
233.387	-0.028
233.422	-0.028
233.458	-0.028
233.493	-0.028
233.529	-0.028
233.564	-0.028
233.600	-0.028
233.636	-0.028
233.671	-0.028
233.707	-0.028
233.742	-0.028
233.778	-0.028
233.813	-0.028
233.849	-0.028
233.884	-0.028
233.920	-0.028
233.956	-0.028
233.991	-0.028
234.027	-0.028
234.062	-0.028
234.098	-0.028
234.133	-0.028
234.169	-0.028
234.204	-0.028
234.240	-0.028
234.276	-0.028
234.311	-0.028
234.347	-0.028

234.382	-0.028
234.418	-0.028
234.453	-0.028
234.489	-0.028
234.524	-0.028
234.560	-0.028
234.596	-0.028
234.631	-0.028
234.667	-0.028
234.702	-0.028
234.738	-0.028
234.773	-0.028
234.809	-0.028
234.845	-0.028
234.880	-0.028
234.916	-0.028
234.951	-0.028
234.987	-0.028
235.022	-0.028
235.058	-0.028
235.093	-0.028
235.129	-0.028
235.164	-0.028
235.200	-0.028
235.236	-0.028
235.271	-0.028
235.307	-0.028
235.342	-0.028
235.378	-0.028
235.413	-0.028
235.449	-0.028
235.485	-0.028
235.520	-0.028
235.556	-0.028
235.591	-0.028
235.627	-0.028
235.662	-0.028
235.698	-0.028
235.733	-0.028
235.769	-0.028
235.804	-0.028
235.840	-0.028
235.875	-0.028
235.911	-0.028
235.947	-0.028
235.982	-0.028
236.018	-0.028
236.053	-0.028
236.089	-0.028
236.125	-0.028
236.160	-0.028
236.196	-0.028
236.231	-0.028
236.267	-0.028
236.302	-0.028
236.338	-0.028
236.373	-0.028
236.409	-0.028
236.444	-0.028
236.480	-0.028
236.516	-0.028
236.551	-0.028
236.587	-0.028
236.622	-0.028
236.658	-0.028

236.693	-0.028
236.729	-0.028
236.765	-0.028
236.800	-0.028
236.836	-0.028
236.871	-0.028
236.907	-0.028
236.942	-0.028
236.978	-0.028
237.013	-0.028
237.049	-0.028
237.084	-0.028
237.120	-0.028
237.155	-0.028
237.191	-0.028
237.227	-0.028
237.262	-0.028
237.298	-0.028
237.333	-0.028
237.369	-0.028
237.404	-0.028
237.440	-0.028
237.476	-0.028
237.511	-0.028
237.547	-0.028
237.582	-0.028
237.618	-0.028
237.653	-0.028
237.689	-0.028
237.724	-0.028
237.760	-0.028
237.796	-0.028
237.831	-0.028
237.867	-0.028
237.902	-0.028
237.938	-0.028
237.973	-0.028
238.009	-0.028
238.044	-0.028
238.080	-0.028
238.116	-0.028
238.151	-0.028
238.187	-0.028
238.222	-0.028
238.258	-0.028
238.293	-0.028
238.329	-0.028
238.364	-0.028
238.400	-0.028
238.436	-0.028
238.471	-0.028
238.507	-0.028
238.542	-0.028
238.578	-0.028
238.613	-0.028
238.649	-0.028
238.684	-0.028
238.720	-0.028
238.756	-0.028
238.791	-0.028
238.827	-0.028
238.862	-0.028
238.898	-0.028
238.933	-0.028
238.969	-0.028

239.004	-0.028
239.040	-0.028
239.076	-0.028
239.111	-0.028
239.147	-0.028
239.182	-0.028
239.218	-0.028
239.253	-0.028
239.289	-0.028
239.324	-0.028
239.360	-0.028
239.396	-0.028
239.431	-0.028
239.467	-0.028
239.502	-0.028
239.538	-0.028
239.573	-0.028
239.609	-0.028
239.644	-0.028
239.680	-0.028
239.716	-0.028
239.751	-0.028
239.787	-0.028
239.822	-0.028
239.858	-0.028
239.893	-0.028
239.929	-0.028
239.964	-0.028
240.000	-0.028
240.036	-0.028
240.071	-0.028
240.107	-0.028
240.142	-0.028
240.178	-0.027
240.213	-0.027
240.249	-0.027
240.284	-0.027
240.320	-0.027
240.356	-0.027
240.391	-0.027
240.427	-0.027
240.462	-0.027
240.498	-0.027
240.533	-0.027
240.569	-0.026
240.604	-0.026
240.640	-0.026
240.676	-0.026
240.711	-0.026
240.747	-0.026
240.782	-0.026
240.818	-0.026
240.853	-0.026
240.889	-0.026
240.924	-0.026
240.960	-0.026
240.996	-0.026
241.031	-0.026
241.067	-0.026
241.102	-0.026
241.138	-0.026
241.173	-0.026
241.209	-0.026
241.244	-0.025
241.280	-0.025

241.316	-0.025
241.351	-0.025
241.387	-0.025
241.422	-0.025
241.458	-0.025
361.458	-0.008
481.458	-0.010
601.458	-0.007
721.458	-0.006
841.458	-0.004
961.458	-0.001
985.458	0.000

Name: Hyd-24 Node: Node202 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.036	0.000
0.071	0.000
0.107	0.000
0.142	0.000
0.178	0.000
0.213	0.000
0.249	0.000
0.284	0.000
0.320	0.000
0.356	0.000
0.391	0.000
0.427	0.000
0.462	0.000
0.498	0.000
0.533	0.000
0.569	0.000
0.604	0.000
0.640	0.000
0.676	0.000
0.711	0.000
0.747	0.000
0.782	0.000
0.818	0.000
0.853	0.000
0.889	0.000
0.924	0.000
0.960	0.000
0.996	0.000
1.031	0.000
1.067	0.000
1.102	0.000
1.138	0.000
1.173	0.000
1.209	0.000
1.244	0.000
1.280	0.000
1.316	0.000
1.351	0.000
1.387	0.000
1.422	0.000
1.458	0.000
1.493	0.000
1.529	0.000
1.564	0.000
1.600	0.000
1.636	0.000

1.671	0.000
1.707	0.000
1.742	0.000
1.778	0.000
1.813	0.000
1.849	0.000
1.884	0.000
1.920	0.000
1.956	0.000
1.991	0.000
2.027	0.000
2.062	0.000
2.098	0.000
2.133	0.000
2.169	0.000
2.204	0.000
2.240	0.000
2.276	0.000
2.311	0.000
2.347	-0.000
2.382	-0.000
2.418	-0.000
2.453	-0.001
2.489	-0.002
2.524	-0.004
2.560	-0.007
2.596	-0.010
2.631	-0.013
2.667	-0.018
2.702	-0.022
2.738	-0.027
2.773	-0.031
2.809	-0.036
2.844	-0.042
2.880	-0.047
2.916	-0.052
2.951	-0.058
2.987	-0.063
3.022	-0.069
3.058	-0.075
3.093	-0.080
3.129	-0.086
3.164	-0.091
3.200	-0.097
3.236	-0.103
3.271	-0.108
3.307	-0.114
3.342	-0.119
3.378	-0.125
3.413	-0.130
3.449	-0.135
3.484	-0.141
3.520	-0.146
3.556	-0.151
3.591	-0.156
3.627	-0.161
3.662	-0.166
3.698	-0.171
3.733	-0.176
3.769	-0.181
3.804	-0.185
3.840	-0.190
3.876	-0.195
3.911	-0.199
3.947	-0.203

3.982	-0.208
4.018	-0.212
4.053	-0.217
4.089	-0.221
4.124	-0.225
4.160	-0.229
4.196	-0.233
4.231	-0.237
4.267	-0.241
4.302	-0.245
4.338	-0.249
4.373	-0.253
4.409	-0.257
4.444	-0.261
4.480	-0.264
4.516	-0.268
4.551	-0.272
4.587	-0.275
4.622	-0.279
4.658	-0.282
4.693	-0.286
4.729	-0.289
4.764	-0.292
4.800	-0.296
4.836	-0.299
4.871	-0.302
4.907	-0.305
4.942	-0.309
4.978	-0.312
5.013	-0.316
5.049	-0.321
5.084	-0.329
5.120	-0.341
5.156	-0.355
5.191	-0.369
5.227	-0.382
5.262	-0.395
5.298	-0.406
5.333	-0.416
5.369	-0.426
5.404	-0.434
5.440	-0.442
5.476	-0.450
5.511	-0.457
5.547	-0.464
5.582	-0.470
5.618	-0.476
5.653	-0.482
5.689	-0.488
5.724	-0.493
5.760	-0.499
5.796	-0.504
5.831	-0.509
5.867	-0.514
5.902	-0.518
5.938	-0.523
5.973	-0.527
6.009	-0.531
6.044	-0.535
6.080	-0.539
6.116	-0.543
6.151	-0.547
6.187	-0.551
6.222	-0.554
6.258	-0.558

6.293	-0.561
6.329	-0.565
6.364	-0.568
6.400	-0.571
6.436	-0.574
6.471	-0.577
6.507	-0.581
6.542	-0.584
6.578	-0.587
6.613	-0.590
6.649	-0.593
6.684	-0.595
6.720	-0.598
6.756	-0.601
6.791	-0.604
6.827	-0.607
6.862	-0.609
6.898	-0.612
6.933	-0.615
6.969	-0.617
7.004	-0.620
7.040	-0.622
7.076	-0.625
7.111	-0.628
7.147	-0.630
7.182	-0.633
7.218	-0.635
7.253	-0.638
7.289	-0.640
7.324	-0.643
7.360	-0.645
7.396	-0.647
7.431	-0.650
7.467	-0.652
7.502	-0.654
7.538	-0.656
7.573	-0.659
7.609	-0.661
7.644	-0.663
7.680	-0.665
7.716	-0.667
7.751	-0.669
7.787	-0.671
7.822	-0.673
7.858	-0.675
7.893	-0.677
7.929	-0.679
7.964	-0.681
8.000	-0.684
8.036	-0.691
8.071	-0.636
8.107	-0.546
8.142	-0.495
8.178	-0.456
8.213	-0.422
8.249	-0.392
8.284	-0.366
8.320	-0.344
8.356	-0.324
8.391	-0.307
8.427	-0.293
8.462	-0.280
8.498	-0.269
8.533	-0.259
8.569	-0.251

8.604	-0.243
8.640	-0.237
8.676	-0.231
8.711	-0.226
8.747	-0.221
8.782	-0.217
8.818	-0.213
8.853	-0.209
8.889	-0.206
8.924	-0.203
8.960	-0.201
8.996	-0.198
9.031	-0.196
9.067	-0.194
9.102	-0.192
9.138	-0.191
9.173	-0.189
9.209	-0.187
9.244	-0.186
9.280	-0.185
9.316	-0.183
9.351	-0.182
9.387	-0.181
9.422	-0.180
9.458	-0.179
9.493	-0.178
9.529	-0.178
9.564	-0.177
9.600	-0.176
9.636	-0.175
9.671	-0.175
9.707	-0.174
9.742	-0.174
9.778	-0.173
9.813	-0.173
9.849	-0.172
9.884	-0.172
9.920	-0.171
9.956	-0.171
9.991	-0.171
10.027	-0.170
10.062	-0.170
10.098	-0.170
10.133	-0.170
10.169	-0.170
10.204	-0.170
10.240	-0.170
10.276	-0.171
10.311	-0.171
10.347	-0.172
10.382	-0.172
10.418	-0.172
10.453	-0.173
10.489	-0.173
10.524	-0.174
10.560	-0.174
10.596	-0.175
10.631	-0.175
10.667	-0.176
10.702	-0.176
10.738	-0.177
10.773	-0.177
10.809	-0.178
10.844	-0.178
10.880	-0.178

10.916	-0.179
10.951	-0.179
10.987	-0.180
11.022	-0.180
11.058	-0.181
11.093	-0.181
11.129	-0.182
11.164	-0.183
11.200	-0.183
11.236	-0.184
11.271	-0.185
11.307	-0.186
11.342	-0.187
11.378	-0.188
11.413	-0.189
11.449	-0.190
11.484	-0.191
11.520	-0.192
11.556	-0.193
11.591	-0.194
11.627	-0.195
11.662	-0.196
11.698	-0.197
11.733	-0.198
11.769	-0.198
11.804	-0.199
11.840	-0.200
11.876	-0.201
11.911	-0.202
11.947	-0.202
11.982	-0.203
12.018	-0.204
12.053	-0.205
12.089	-0.205
12.124	-0.205
12.160	-0.206
12.196	-0.206
12.231	-0.206
12.267	-0.206
12.302	-0.205
12.338	-0.205
12.373	-0.205
12.409	-0.204
12.444	-0.204
12.480	-0.204
12.516	-0.204
12.551	-0.203
12.587	-0.203
12.622	-0.203
12.658	-0.203
12.693	-0.203
12.729	-0.202
12.764	-0.203
12.800	-0.204
12.836	-0.205
12.871	-0.207
12.907	-0.208
12.942	-0.208
12.978	-0.209
13.013	-0.209
13.049	-0.209
13.084	-0.209
13.120	-0.209
13.156	-0.208
13.191	-0.208

13.227	-0.207
13.262	-0.207
13.298	-0.206
13.333	-0.205
13.369	-0.204
13.404	-0.203
13.440	-0.203
13.476	-0.202
13.511	-0.201
13.547	-0.200
13.582	-0.199
13.618	-0.199
13.653	-0.198
13.689	-0.197
13.724	-0.196
13.760	-0.195
13.796	-0.194
13.831	-0.193
13.867	-0.193
13.902	-0.192
13.938	-0.191
13.973	-0.190
14.009	-0.189
14.044	-0.188
14.080	-0.188
14.116	-0.187
14.151	-0.186
14.187	-0.185
14.222	-0.184
14.258	-0.183
14.293	-0.183
14.329	-0.182
14.364	-0.181
14.400	-0.180
14.436	-0.179
14.471	-0.179
14.507	-0.178
14.542	-0.177
14.578	-0.176
14.613	-0.175
14.649	-0.175
14.684	-0.174
14.720	-0.173
14.756	-0.172
14.791	-0.172
14.827	-0.171
14.862	-0.170
14.898	-0.169
14.933	-0.169
14.969	-0.168
15.004	-0.167
15.040	-0.167
15.076	-0.166
15.111	-0.165
15.147	-0.164
15.182	-0.162
15.218	-0.161
15.253	-0.160
15.289	-0.159
15.324	-0.158
15.360	-0.157
15.396	-0.156
15.431	-0.155
15.467	-0.154
15.502	-0.153

15.538	-0.153
15.573	-0.152
15.609	-0.151
15.644	-0.150
15.680	-0.149
15.716	-0.149
15.751	-0.148
15.787	-0.147
15.822	-0.147
15.858	-0.146
15.893	-0.145
15.929	-0.145
15.964	-0.144
16.000	-0.144
16.036	-0.143
16.071	-0.142
16.107	-0.142
16.142	-0.141
16.178	-0.140
16.213	-0.139
16.249	-0.138
16.284	-0.137
16.320	-0.136
16.356	-0.135
16.391	-0.134
16.427	-0.134
16.462	-0.133
16.498	-0.132
16.533	-0.132
16.569	-0.131
16.604	-0.130
16.640	-0.130
16.676	-0.129
16.711	-0.129
16.747	-0.128
16.782	-0.128
16.818	-0.127
16.853	-0.127
16.889	-0.126
16.924	-0.126
16.960	-0.125
16.996	-0.125
17.031	-0.125
17.067	-0.124
17.102	-0.124
17.138	-0.123
17.173	-0.123
17.209	-0.123
17.244	-0.122
17.280	-0.122
17.316	-0.122
17.351	-0.121
17.387	-0.121
17.422	-0.121
17.458	-0.121
17.493	-0.120
17.529	-0.120
17.564	-0.120
17.600	-0.119
17.636	-0.119
17.671	-0.119
17.707	-0.119
17.742	-0.118
17.778	-0.118
17.813	-0.118

17.849	-0.118
17.884	-0.117
17.920	-0.117
17.956	-0.117
17.991	-0.116
18.027	-0.116
18.062	-0.116
18.098	-0.116
18.133	-0.116
18.169	-0.115
18.204	-0.115
18.240	-0.115
18.276	-0.115
18.311	-0.114
18.347	-0.114
18.382	-0.114
18.418	-0.114
18.453	-0.113
18.489	-0.113
18.524	-0.113
18.560	-0.113
18.596	-0.113
18.631	-0.112
18.667	-0.112
18.702	-0.112
18.738	-0.112
18.773	-0.112
18.809	-0.111
18.844	-0.111
18.880	-0.111
18.916	-0.111
18.951	-0.111
18.987	-0.110
19.022	-0.110
19.058	-0.110
19.093	-0.109
19.129	-0.109
19.164	-0.108
19.200	-0.108
19.236	-0.107
19.271	-0.106
19.307	-0.106
19.342	-0.105
19.378	-0.105
19.413	-0.104
19.449	-0.104
19.484	-0.103
19.520	-0.103
19.556	-0.102
19.591	-0.102
19.627	-0.102
19.662	-0.101
19.698	-0.101
19.733	-0.101
19.769	-0.101
19.804	-0.100
19.840	-0.100
19.876	-0.100
19.911	-0.099
19.947	-0.099
19.982	-0.099
20.018	-0.099
20.053	-0.099
20.089	-0.098
20.124	-0.098

20.160	-0.098
20.196	-0.098
20.231	-0.098
20.267	-0.098
20.302	-0.097
20.338	-0.097
20.373	-0.097
20.409	-0.097
20.444	-0.097
20.480	-0.097
20.516	-0.097
20.551	-0.096
20.587	-0.096
20.622	-0.096
20.658	-0.096
20.693	-0.096
20.729	-0.096
20.764	-0.096
20.800	-0.096
20.836	-0.095
20.871	-0.095
20.907	-0.095
20.942	-0.095
20.978	-0.095
21.013	-0.095
21.049	-0.095
21.084	-0.094
21.120	-0.094
21.156	-0.093
21.191	-0.093
21.227	-0.092
21.262	-0.092
21.298	-0.091
21.333	-0.091
21.369	-0.090
21.404	-0.090
21.440	-0.089
21.476	-0.089
21.511	-0.089
21.547	-0.088
21.582	-0.088
21.618	-0.088
21.653	-0.088
21.689	-0.087
21.724	-0.087
21.760	-0.087
21.796	-0.087
21.831	-0.086
21.867	-0.086
21.902	-0.086
21.938	-0.086
21.973	-0.086
22.009	-0.085
22.044	-0.085
22.080	-0.085
22.116	-0.085
22.151	-0.084
22.187	-0.084
22.222	-0.083
22.258	-0.082
22.293	-0.082
22.329	-0.081
22.364	-0.081
22.400	-0.081
22.436	-0.080

22.471	-0.080
22.507	-0.080
22.542	-0.079
22.578	-0.079
22.613	-0.079
22.649	-0.078
22.684	-0.078
22.720	-0.078
22.756	-0.078
22.791	-0.078
22.827	-0.077
22.862	-0.077
22.898	-0.077
22.933	-0.077
22.969	-0.077
23.004	-0.077
23.040	-0.076
23.076	-0.076
23.111	-0.076
23.147	-0.076
23.182	-0.076
23.218	-0.076
23.253	-0.076
23.289	-0.076
23.324	-0.076
23.360	-0.076
23.396	-0.075
23.431	-0.075
23.467	-0.075
23.502	-0.075
23.538	-0.075
23.573	-0.075
23.609	-0.075
23.644	-0.075
23.680	-0.075
23.716	-0.075
23.751	-0.075
23.787	-0.075
23.822	-0.075
23.858	-0.075
23.893	-0.075
23.929	-0.075
23.964	-0.075
24.000	-0.075
24.036	-0.074
24.071	-0.074
24.107	-0.074
24.142	-0.074
24.178	-0.073
24.213	-0.073
24.249	-0.072
24.284	-0.072
24.320	-0.072
24.356	-0.071
24.391	-0.071
24.427	-0.070
24.462	-0.070
24.498	-0.070
24.533	-0.070
24.569	-0.069
24.604	-0.069
24.640	-0.069
24.676	-0.069
24.711	-0.068
24.747	-0.068

24.782	-0.068
24.818	-0.068
24.853	-0.068
24.889	-0.067
24.924	-0.067
24.960	-0.067
24.996	-0.067
25.031	-0.067
25.067	-0.067
25.102	-0.067
25.138	-0.067
25.173	-0.066
25.209	-0.066
25.244	-0.066
25.280	-0.066
25.316	-0.066
25.351	-0.066
25.387	-0.066
25.422	-0.066
25.458	-0.066
49.458	0.006
145.458	-0.018
265.458	-0.011
313.458	-0.010
361.458	-0.008
385.458	-0.007
505.458	-0.001
625.458	0.000
745.458	0.000

Name: Hyd-1 Node: Node108 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	-0.000
0.156	-0.001
0.178	-0.003
0.200	-0.014
0.222	-0.044
0.244	-0.070
0.267	-0.077
0.289	-0.087
0.311	-0.100
0.333	-0.118
0.356	-0.140
0.378	-0.165
0.400	-0.193
0.422	-0.222
0.444	-0.253
0.467	-0.284
0.489	-0.316
0.511	-0.347
0.533	-0.377
0.556	-0.407
0.578	-0.435
0.600	-0.463
0.622	-0.489
0.644	-0.514

0.667	-0.537
0.689	-0.549
0.711	-0.550
0.733	-0.550
0.756	-0.550
0.778	-0.550
0.800	-0.550
0.822	-0.550
0.844	-0.550
0.867	-0.550
0.889	-0.550
0.911	-0.550
0.933	-0.550
0.956	-0.550
0.978	-0.550
1.000	-0.550
1.022	-0.550
1.044	-0.550
1.067	-0.550
1.089	-0.550
1.111	-0.550
1.133	-0.550
1.156	-0.550
1.178	-0.550
1.200	-0.550
1.222	-0.550
1.244	-0.550
1.267	-0.550
1.289	-0.550
1.311	-0.550
1.333	-0.550
1.356	-0.550
1.378	-0.550
1.400	-0.550
1.422	-0.550
1.444	-0.550
1.467	-0.550
1.489	-0.550
1.511	-0.550
1.533	-0.550
1.556	-0.550
1.578	-0.550
1.600	-0.550
1.622	-0.550
1.644	-0.550
1.667	-0.550
1.689	-0.550
1.711	-0.550
1.733	-0.550
1.756	-0.968
1.778	-1.313
1.800	-1.186
1.822	-1.084
1.844	-0.993
1.867	-0.913
1.889	-0.843
1.911	-0.810
121.911	-0.006
241.911	0.000
337.911	0.000
361.911	0.000
481.911	0.000
601.911	0.000
721.911	0.000

Name: Hyd-2 Node: Node108 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	-0.000
0.111	-0.002
0.133	-0.009
0.156	-0.024
0.178	-0.052
0.200	-0.071
0.222	-0.075
0.244	-0.080
0.267	-0.088
0.289	-0.099
0.311	-0.111
0.333	-0.125
0.356	-0.140
0.378	-0.155
0.400	-0.171
0.422	-0.187
0.444	-0.204
0.467	-0.221
0.489	-0.239
0.511	-0.257
0.533	-0.275
0.556	-0.294
0.578	-0.312
0.600	-0.331
0.622	-0.349
0.644	-0.367
0.667	-0.386
0.689	-0.404
0.711	-0.423
0.733	-0.442
0.756	-0.461
0.778	-0.480
0.800	-0.498
0.822	-0.517
0.844	-0.534
0.867	-0.546
0.889	-0.550
0.911	-0.550
0.933	-0.550
0.956	-0.550
0.978	-0.550
1.000	-0.550
1.022	-0.550
1.044	-0.550
1.067	-0.550
1.089	-0.550
1.111	-0.550
1.133	-0.550
1.156	-0.550
1.178	-0.550
1.200	-0.550
1.222	-0.550
1.244	-0.550
1.267	-0.550
1.289	-0.550
1.311	-0.550

1.333	-0.550
1.356	-0.550
1.378	-0.550
1.400	-0.550
1.422	-0.550
1.444	-0.550
1.467	-0.550
1.489	-0.550
1.511	-0.550
1.533	-0.550
1.556	-0.550
1.578	-0.550
1.600	-0.550
1.622	-0.550
1.644	-0.550
1.667	-0.550
1.689	-0.550
1.711	-0.550
1.733	-0.550
1.756	-0.550
1.778	-0.550
1.800	-0.550
1.822	-1.124
1.844	-1.496
1.867	-1.241
1.889	-1.141
1.911	-1.051
1.933	-0.970
1.956	-0.899
1.978	-0.837
2.000	-0.781
2.022	-0.733
2.044	-0.690
2.067	-0.651
2.089	-0.617
2.111	-0.586
2.133	-0.558
2.156	-0.533
2.178	-0.511
2.200	-0.491
2.222	-0.473
2.244	-0.456
2.267	-0.441
2.289	-0.427
2.311	-0.415
2.333	-0.403
2.356	-0.392
2.378	-0.382
2.400	-0.373
2.422	-0.364
2.444	-0.356
2.467	-0.349
2.489	-0.342
2.511	-0.335
2.533	-0.328
2.556	-0.321
2.578	-0.315
2.600	-0.309
2.622	-0.304
2.644	-0.298
2.667	-0.293
2.689	-0.288
2.711	-0.284
2.733	-0.279
2.756	-0.275

2.778	-0.271
2.800	-0.267
2.822	-0.263
2.844	-0.259
2.867	-0.256
2.889	-0.252
2.911	-0.251
122.911	-0.006
242.911	0.000
338.911	0.000
362.911	0.000
482.911	0.000
602.911	0.000
722.911	0.000

Name: Hyd-3 Node: Node108 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000

1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
2.422	0.000

2.444	0.000
2.467	0.000
2.489	0.000
2.511	0.000
2.533	0.000
2.556	0.000
2.578	0.000
2.600	0.000
2.622	0.000
2.644	0.000
2.667	0.000
2.689	0.000
2.711	0.000
2.733	0.000
2.756	0.000
2.778	0.000
2.800	0.000
2.822	0.000
2.844	0.000
2.867	0.000
2.889	0.000
2.911	0.000
2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
3.067	0.000
3.089	0.000
3.111	0.000
3.133	0.000
3.156	0.000
3.178	0.000
3.200	0.000
3.222	0.000
3.244	0.000
3.267	0.000
3.289	0.000
3.311	0.000
3.333	0.000
3.356	0.000
3.378	0.000
3.400	0.000
3.422	0.000
3.444	0.000
3.467	0.000
3.489	0.000
3.511	0.000
3.533	0.000
3.556	0.000
3.578	0.000
3.600	0.000
3.622	0.000
3.644	0.000
3.667	0.000
3.689	0.000
3.711	0.000
3.733	0.000
3.756	0.000
3.778	0.000
3.800	0.000
3.822	0.000
3.844	0.000
3.867	0.000

3.889	0.000
3.911	0.000
3.933	0.000
3.956	0.000
3.978	0.000
4.000	0.000
4.022	0.000
4.044	0.000
4.067	0.000
4.089	0.000
4.111	0.000
4.133	0.000
4.156	0.000
4.178	0.000
4.200	0.000
4.222	0.000
4.244	0.000
4.267	0.000
4.289	0.000
4.311	0.000
4.333	0.000
4.356	0.000
4.378	0.000
4.400	0.000
4.422	0.000
4.444	0.000
4.467	0.000
4.489	0.000
4.511	0.000
4.533	0.000
4.556	0.000
4.578	0.000
4.600	0.000
4.622	0.000
4.644	0.000
4.667	0.000
4.689	0.000
4.711	0.000
4.733	-0.000
4.756	-0.000
4.778	-0.000
4.800	-0.000
4.822	-0.000
4.844	-0.000
4.867	-0.001
4.889	-0.001
4.911	-0.001
4.933	-0.001
4.956	-0.002
4.978	-0.002
5.000	-0.002
5.022	-0.003
5.044	-0.003
5.067	-0.004
5.089	-0.004
5.111	-0.004
5.133	-0.005
5.156	-0.005
5.178	-0.006
5.200	-0.006
5.222	-0.006
5.244	-0.007
5.267	-0.007
5.289	-0.008
5.311	-0.008

5.333	-0.009
5.356	-0.009
5.378	-0.010
5.400	-0.010
5.422	-0.010
5.444	-0.011
5.467	-0.011
5.489	-0.012
5.511	-0.012
5.533	-0.013
5.556	-0.013
5.578	-0.013
5.600	-0.014
5.622	-0.014
5.644	-0.015
5.667	-0.015
5.689	-0.015
5.711	-0.016
5.733	-0.016
5.756	-0.017
5.778	-0.017
5.800	-0.017
5.822	-0.018
5.844	-0.018
5.867	-0.019
5.889	-0.019
5.911	-0.019
5.933	-0.020
5.956	-0.020
5.978	-0.020
6.000	-0.021
6.022	-0.021
6.044	-0.021
6.067	-0.022
6.089	-0.022
6.111	-0.023
6.133	-0.023
6.156	-0.023
6.178	-0.024
6.200	-0.024
6.222	-0.024
6.244	-0.025
6.267	-0.025
6.289	-0.025
6.311	-0.026
6.333	-0.026
6.356	-0.026
6.378	-0.027
6.400	-0.027
6.422	-0.027
6.444	-0.028
6.467	-0.028
6.489	-0.028
6.511	-0.029
6.533	-0.029
6.556	-0.029
6.578	-0.030
6.600	-0.030
6.622	-0.030
6.644	-0.030
6.667	-0.031
6.689	-0.031
6.711	-0.031
6.733	-0.032
6.756	-0.032

6.778	-0.032
6.800	-0.033
6.822	-0.033
6.844	-0.033
6.867	-0.033
6.889	-0.034
6.911	-0.034
6.933	-0.034
6.956	-0.035
6.978	-0.035
7.000	-0.035
7.022	-0.035
7.044	-0.036
7.067	-0.036
7.089	-0.036
7.111	-0.036
7.133	-0.037
7.156	-0.037
7.178	-0.037
7.200	-0.038
7.222	-0.038
7.244	-0.038
7.267	-0.038
7.289	-0.039
7.311	-0.039
7.333	-0.039
7.356	-0.039
7.378	-0.040
7.400	-0.040
7.422	-0.040
7.444	-0.040
7.467	-0.041
7.489	-0.041
7.511	-0.041
7.533	-0.041
7.556	-0.042
7.578	-0.042
7.600	-0.042
7.622	-0.042
7.644	-0.043
7.667	-0.043
7.689	-0.043
7.711	-0.043
7.733	-0.043
7.756	-0.044
7.778	-0.044
7.800	-0.044
7.822	-0.044
7.844	-0.045
7.867	-0.045
7.889	-0.045
7.911	-0.045
7.933	-0.045
7.956	-0.046
7.978	-0.046
8.000	-0.047
8.022	-0.048
8.044	-0.052
8.067	-0.059
8.089	-0.067
8.111	-0.072
8.133	-0.072
8.156	-0.073
8.178	-0.074
8.200	-0.076

8.222	-0.077
8.244	-0.079
8.267	-0.080
8.289	-0.082
8.311	-0.084
8.333	-0.085
8.356	-0.087
8.378	-0.089
8.400	-0.091
8.422	-0.093
8.444	-0.094
8.467	-0.096
8.489	-0.098
8.511	-0.100
8.533	-0.102
8.556	-0.103
8.578	-0.105
8.600	-0.107
8.622	-0.108
8.644	-0.110
8.667	-0.112
8.689	-0.113
8.711	-0.115
8.733	-0.117
8.756	-0.118
8.778	-0.120
8.800	-0.121
8.822	-0.123
8.844	-0.124
8.867	-0.126
8.889	-0.127
8.911	-0.128
8.933	-0.130
8.956	-0.131
8.978	-0.133
9.000	-0.134
9.022	-0.135
9.044	-0.137
9.067	-0.138
9.089	-0.139
9.111	-0.140
9.133	-0.142
9.156	-0.143
9.178	-0.144
9.200	-0.145
9.222	-0.147
9.244	-0.148
9.267	-0.149
9.289	-0.150
9.311	-0.151
9.333	-0.152
9.356	-0.154
9.378	-0.155
9.400	-0.156
9.422	-0.157
9.444	-0.158
9.467	-0.159
9.489	-0.160
9.511	-0.161
9.533	-0.162
9.556	-0.163
9.578	-0.164
9.600	-0.165
9.622	-0.166
9.644	-0.167

9.667	-0.168
9.689	-0.169
9.711	-0.170
9.733	-0.171
9.756	-0.172
9.778	-0.173
9.800	-0.174
9.822	-0.175
9.844	-0.176
9.867	-0.177
9.889	-0.178
9.911	-0.179
9.933	-0.179
9.956	-0.180
9.978	-0.181
10.000	-0.182
10.022	-0.183
10.044	-0.184
10.067	-0.185
10.089	-0.185
10.111	-0.186
10.133	-0.187
10.156	-0.188
10.178	-0.189
10.200	-0.190
10.222	-0.190
10.244	-0.191
10.267	-0.192
10.289	-0.193
10.311	-0.194
10.333	-0.194
10.356	-0.195
10.378	-0.196
10.400	-0.197
10.422	-0.197
10.444	-0.198
10.467	-0.199
10.489	-0.200
10.511	-0.200
10.533	-0.201
10.556	-0.202
10.578	-0.203
10.600	-0.203
10.622	-0.204
10.644	-0.205
10.667	-0.205
10.689	-0.206
10.711	-0.207
10.733	-0.207
10.756	-0.208
10.778	-0.209
10.800	-0.209
10.822	-0.210
10.844	-0.211
10.867	-0.211
10.889	-0.212
10.911	-0.213
10.933	-0.213
10.956	-0.214
10.978	-0.215
11.000	-0.215
11.022	-0.216
11.044	-0.216
11.067	-0.217
11.089	-0.218

11.111	-0.218
11.133	-0.219
11.156	-0.220
11.178	-0.220
11.200	-0.221
11.222	-0.221
11.244	-0.222
11.267	-0.222
11.289	-0.223
11.311	-0.224
11.333	-0.224
11.356	-0.225
11.378	-0.225
11.400	-0.226
11.422	-0.226
11.444	-0.227
11.467	-0.227
11.489	-0.228
11.511	-0.229
11.533	-0.229
11.556	-0.230
11.578	-0.230
11.600	-0.231
11.622	-0.231
11.644	-0.232
11.667	-0.232
11.689	-0.233
11.711	-0.233
11.733	-0.234
11.756	-0.234
11.778	-0.235
11.800	-0.523
11.822	-0.772
11.844	-0.698
11.867	-0.634
11.889	-0.579
11.911	-0.531
11.933	-0.489
11.956	-0.453
11.978	-0.422
12.000	-0.395
12.022	-0.371
12.044	-0.351
12.067	-0.333
12.089	-0.317
12.111	-0.302
12.133	-0.289
12.156	-0.278
12.178	-0.267
12.200	-0.258
12.222	-0.249
12.244	-0.241
12.267	-0.234
12.289	-0.228
12.311	-0.221
12.333	-0.216
12.356	-0.211
12.378	-0.206
12.400	-0.202
12.422	-0.197
12.444	-0.194
12.467	-0.190
12.489	-0.187
12.511	-0.183
12.533	-0.180

12.556	-0.178
12.578	-0.175
12.600	-0.172
12.622	-0.170
12.644	-0.168
12.667	-0.166
12.689	-0.164
12.711	-0.162
12.733	-0.160
12.756	-0.158
12.778	-0.157
12.800	-0.155
12.822	-0.153
12.844	-0.152
12.867	-0.151
12.889	-0.149
12.911	-0.148
12.933	-0.147
12.956	-0.146
12.978	-0.145
13.000	-0.144
13.022	-0.143
13.044	-0.142
13.067	-0.141
13.089	-0.140
13.111	-0.139
13.133	-0.138
13.156	-0.137
13.178	-0.136
13.200	-0.136
13.222	-0.135
13.244	-0.134
13.267	-0.133
13.289	-0.133
13.311	-0.132
13.333	-0.131
13.356	-0.131
13.378	-0.130
13.400	-0.130
13.422	-0.129
13.444	-0.129
13.467	-0.128
13.489	-0.128
13.511	-0.127
13.533	-0.127
13.556	-0.126
13.578	-0.126
13.600	-0.125
13.622	-0.125
13.644	-0.124
13.667	-0.124
13.689	-0.123
13.711	-0.123
13.733	-0.123
13.756	-0.122
13.778	-0.122
13.800	-0.122
13.822	-0.121
13.844	-0.121
13.867	-0.121
13.889	-0.120
13.911	-0.120
13.933	-0.120
13.956	-0.119
13.978	-0.119

14.000	-0.119
14.022	-0.118
14.044	-0.118
14.067	-0.118
14.089	-0.118
14.111	-0.117
14.133	-0.117
14.156	-0.117
14.178	-0.117
14.200	-0.116
14.222	-0.116
14.244	-0.116
14.267	-0.116
14.289	-0.115
14.311	-0.115
14.333	-0.115
14.356	-0.115
14.378	-0.114
14.400	-0.114
14.422	-0.114
14.444	-0.114
14.467	-0.114
14.489	-0.113
14.511	-0.113
14.533	-0.113
14.556	-0.113
14.578	-0.113
14.600	-0.113
14.622	-0.112
14.644	-0.112
14.667	-0.112
14.689	-0.112
14.711	-0.112
14.733	-0.112
14.756	-0.111
14.778	-0.111
14.800	-0.111
14.822	-0.111
14.844	-0.111
14.867	-0.111
14.889	-0.111
14.911	-0.110
14.933	-0.110
14.956	-0.110
14.978	-0.110
15.000	-0.110
15.022	-0.110
15.044	-0.110
15.067	-0.109
15.089	-0.109
15.111	-0.109
15.133	-0.109
15.156	-0.109
15.178	-0.109
15.200	-0.109
15.222	-0.109
15.244	-0.108
15.267	-0.108
15.289	-0.108
15.311	-0.108
15.333	-0.108
15.356	-0.108
15.378	-0.108
15.400	-0.108
15.422	-0.108

15.444	-0.108
15.467	-0.107
15.489	-0.107
15.511	-0.107
15.533	-0.107
15.556	-0.107
15.578	-0.107
15.600	-0.107
15.622	-0.107
15.644	-0.107
15.667	-0.107
15.689	-0.106
15.711	-0.106
15.733	-0.106
15.756	-0.106
15.778	-0.106
15.800	-0.106
15.822	-0.106
15.844	-0.106
15.867	-0.106
15.889	-0.106
15.911	-0.106
15.933	-0.106
15.956	-0.105
15.978	-0.105
16.000	-0.105
16.022	-0.105
16.044	-0.105
16.067	-0.105
16.089	-0.104
16.111	-0.104
16.133	-0.103
16.156	-0.103
16.178	-0.102
16.200	-0.101
16.222	-0.100
16.244	-0.099
16.267	-0.099
16.289	-0.098
16.311	-0.097
16.333	-0.096
16.356	-0.096
16.378	-0.095
16.400	-0.094
16.422	-0.094
16.444	-0.093
16.467	-0.092
16.489	-0.092
16.511	-0.091
16.533	-0.091
16.556	-0.090
16.578	-0.089
16.600	-0.089
16.622	-0.088
16.644	-0.088
16.667	-0.087
16.689	-0.087
16.711	-0.087
16.733	-0.086
16.756	-0.086
16.778	-0.085
16.800	-0.085
16.822	-0.084
16.844	-0.084
16.867	-0.084

16.889	-0.083
16.911	-0.083
16.933	-0.083
16.956	-0.082
16.978	-0.082
17.000	-0.082
17.022	-0.081
17.044	-0.081
17.067	-0.081
17.089	-0.081
17.111	-0.080
17.133	-0.080
17.156	-0.080
17.178	-0.079
17.200	-0.079
17.222	-0.079
17.244	-0.079
17.267	-0.078
17.289	-0.078
17.311	-0.078
17.333	-0.078
17.356	-0.077
17.378	-0.077
17.400	-0.077
17.422	-0.077
17.444	-0.077
17.467	-0.076
17.489	-0.076
17.511	-0.076
17.533	-0.076
17.556	-0.076
17.578	-0.075
17.600	-0.075
17.622	-0.075
17.644	-0.075
17.667	-0.075
17.689	-0.074
17.711	-0.074
17.733	-0.074
17.756	-0.074
17.778	-0.074
17.800	-0.073
17.822	-0.073
17.844	-0.073
17.867	-0.073
17.889	-0.073
17.911	-0.073
17.933	-0.072
17.956	-0.072
17.978	-0.072
18.000	-0.072
18.022	-0.072
18.044	-0.072
18.067	-0.071
18.089	-0.071
18.111	-0.071
18.133	-0.071
18.156	-0.071
18.178	-0.071
18.200	-0.071
18.222	-0.070
18.244	-0.070
18.267	-0.070
18.289	-0.070
18.311	-0.070

18.333	-0.070
18.356	-0.070
18.378	-0.069
18.400	-0.069
18.422	-0.069
18.444	-0.069
18.467	-0.069
18.489	-0.069
18.511	-0.069
18.533	-0.069
18.556	-0.068
18.578	-0.068
18.600	-0.068
18.622	-0.068
18.644	-0.068
18.667	-0.068
18.689	-0.068
18.711	-0.068
18.733	-0.068
18.756	-0.067
18.778	-0.067
18.800	-0.067
18.822	-0.067
18.844	-0.067
18.867	-0.067
18.889	-0.067
18.911	-0.067
18.933	-0.067
18.956	-0.066
18.978	-0.066
19.000	-0.066
19.022	-0.066
19.044	-0.066
19.067	-0.066
19.089	-0.066
19.111	-0.066
19.133	-0.066
19.156	-0.066
19.178	-0.065
19.200	-0.065
19.222	-0.065
19.244	-0.065
19.267	-0.065
19.289	-0.065
19.311	-0.065
19.333	-0.065
19.356	-0.065
19.378	-0.065
19.400	-0.065
19.422	-0.064
19.444	-0.064
19.467	-0.064
19.489	-0.064
19.511	-0.064
19.533	-0.064
19.556	-0.064
19.578	-0.064
19.600	-0.064
19.622	-0.064
19.644	-0.064
19.667	-0.063
19.689	-0.063
19.711	-0.063
19.733	-0.063
19.756	-0.063

19.778	-0.063
19.800	-0.063
19.822	-0.063
19.844	-0.063
19.867	-0.063
19.889	-0.063
19.911	-0.063
19.933	-0.063
19.956	-0.062
19.978	-0.062
20.000	-0.062
20.022	-0.062
20.044	-0.062
20.067	-0.062
20.089	-0.062
20.111	-0.062
20.133	-0.061
20.156	-0.061
20.178	-0.061
20.200	-0.061
20.222	-0.060
20.244	-0.060
20.267	-0.060
20.289	-0.059
20.311	-0.059
20.333	-0.059
20.356	-0.059
20.378	-0.058
20.400	-0.058
20.422	-0.058
20.444	-0.057
20.467	-0.057
20.489	-0.057
20.511	-0.057
20.533	-0.057
20.556	-0.056
20.578	-0.056
20.600	-0.056
20.622	-0.056
20.644	-0.055
20.667	-0.055
20.689	-0.055
20.711	-0.055
20.733	-0.055
20.756	-0.055
20.778	-0.054
20.800	-0.054
20.822	-0.054
20.844	-0.054
20.867	-0.054
20.889	-0.054
20.911	-0.053
20.933	-0.053
20.956	-0.053
20.978	-0.053
21.000	-0.053
21.022	-0.053
21.044	-0.052
21.067	-0.052
21.089	-0.052
21.111	-0.052
21.133	-0.052
21.156	-0.052
21.178	-0.052
21.200	-0.052

21.222	-0.051
21.244	-0.051
21.267	-0.051
21.289	-0.051
21.311	-0.051
21.333	-0.051
21.356	-0.051
21.378	-0.051
21.400	-0.050
21.422	-0.050
21.444	-0.050
21.467	-0.050
21.489	-0.050
21.511	-0.050
21.533	-0.050
21.556	-0.050
21.578	-0.050
21.600	-0.049
21.622	-0.049
21.644	-0.049
21.667	-0.049
21.689	-0.049
21.711	-0.049
21.733	-0.049
21.756	-0.049
21.778	-0.049
21.800	-0.049
21.822	-0.048
21.844	-0.048
21.867	-0.048
21.889	-0.048
21.911	-0.048
21.933	-0.048
21.956	-0.048
21.978	-0.048
22.000	-0.048
22.022	-0.048
22.044	-0.047
22.067	-0.047
22.089	-0.047
22.111	-0.047
22.133	-0.047
22.156	-0.047
22.178	-0.047
22.200	-0.047
22.222	-0.047
22.244	-0.047
22.267	-0.047
22.289	-0.047
22.311	-0.046
22.333	-0.046
22.356	-0.046
22.378	-0.046
22.400	-0.046
22.422	-0.046
22.444	-0.046
22.467	-0.046
22.489	-0.046
22.511	-0.046
22.533	-0.046
22.556	-0.046
22.578	-0.045
22.600	-0.045
22.622	-0.045
22.644	-0.045

22.667	-0.045
22.689	-0.045
22.711	-0.045
22.733	-0.045
22.756	-0.045
22.778	-0.045
22.800	-0.045
22.822	-0.045
22.844	-0.045
22.867	-0.045
22.889	-0.044
22.911	-0.044
22.933	-0.044
22.956	-0.044
22.978	-0.044
23.000	-0.044
23.022	-0.044
23.044	-0.044
23.067	-0.044
23.089	-0.044
23.111	-0.044
23.133	-0.044
23.156	-0.044
23.178	-0.044
23.200	-0.043
23.222	-0.043
23.244	-0.043
23.267	-0.043
23.289	-0.043
23.311	-0.043
23.333	-0.043
23.356	-0.043
23.378	-0.043
23.400	-0.043
23.422	-0.043
23.444	-0.043
23.467	-0.043
23.489	-0.043
23.511	-0.043
23.533	-0.043
23.556	-0.042
23.578	-0.042
23.600	-0.042
23.622	-0.042
23.644	-0.042
23.667	-0.042
23.689	-0.042
23.711	-0.042
23.733	-0.042
23.756	-0.042
23.778	-0.042
23.800	-0.042
23.822	-0.042
23.844	-0.042
23.867	-0.042
23.889	-0.042
23.911	-0.042
23.933	-0.042
23.956	-0.041
23.978	-0.041
24.000	-0.041
24.022	-0.041
24.044	-0.041
24.067	-0.041
24.089	-0.041

24.111	-0.041
24.133	-0.041
24.156	-0.042
24.178	-0.042
24.200	-0.042
24.222	-0.042
24.244	-0.042
24.267	-0.042
24.289	-0.042
24.311	-0.042
24.333	-0.043
24.356	-0.043
24.378	-0.043
24.400	-0.043
24.422	-0.043
24.444	-0.043
24.467	-0.043
24.489	-0.043
24.511	-0.043
24.533	-0.043
24.556	-0.043
24.578	-0.043
24.600	-0.044
24.622	-0.044
24.644	-0.044
24.667	-0.044
24.689	-0.044
24.711	-0.044
24.733	-0.044
24.756	-0.044
24.778	-0.044
24.800	-0.044
24.822	-0.044
24.844	-0.044
24.867	-0.044
24.889	-0.044
24.911	-0.044
24.933	-0.044
24.956	-0.044
24.978	-0.044
25.000	-0.044
25.022	-0.044
25.044	-0.044
25.067	-0.044
25.089	-0.044
25.111	-0.044
25.133	-0.044
25.156	-0.044
25.178	-0.044
25.200	-0.044
25.222	-0.044
25.244	-0.044
25.267	-0.044
25.289	-0.044
25.311	-0.044
25.333	-0.044
25.356	-0.044
25.378	-0.044
25.400	-0.044
25.422	-0.044
25.444	-0.044
25.467	-0.044
25.489	-0.044
25.511	-0.044
25.533	-0.044

25.556	-0.044
25.578	-0.044
25.600	-0.045
25.622	-0.045
25.644	-0.045
25.667	-0.045
25.689	-0.045
25.711	-0.045
25.733	-0.045
25.756	-0.045
25.778	-0.045
25.800	-0.045
25.822	-0.045
25.844	-0.045
25.867	-0.045
25.889	-0.045
25.911	-0.045
25.933	-0.045
25.956	-0.045
25.978	-0.045
26.000	-0.045
26.022	-0.045
26.044	-0.045
26.067	-0.045
26.089	-0.045
26.111	-0.045
26.133	-0.045
26.156	-0.044
26.178	-0.044
26.200	-0.044
26.222	-0.044
26.244	-0.044
26.267	-0.044
26.289	-0.044
26.311	-0.044
26.333	-0.044
26.356	-0.044
26.378	-0.044
26.400	-0.044
26.422	-0.044
26.444	-0.044
26.467	-0.044
26.489	-0.044
26.511	-0.044
26.533	-0.044
26.556	-0.044
26.578	-0.044
26.600	-0.044
26.622	-0.044
26.644	-0.044
26.667	-0.044
26.689	-0.044
26.711	-0.044
26.733	-0.044
26.756	-0.044
26.778	-0.044
26.800	-0.044
26.822	-0.044
26.844	-0.044
26.867	-0.044
26.889	-0.044
26.911	-0.044
26.933	-0.044
26.956	-0.044
26.978	-0.044

27.000	-0.044
27.022	-0.044
27.044	-0.044
27.067	-0.044
27.089	-0.044
27.111	-0.044
27.133	-0.044
27.156	-0.044
27.178	-0.044
27.200	-0.044
27.222	-0.044
27.244	-0.044
27.267	-0.044
27.289	-0.044
27.311	-0.044
27.333	-0.044
27.356	-0.044
27.378	-0.044
27.400	-0.044
27.422	-0.044
27.444	-0.044
27.467	-0.044
27.489	-0.044
27.511	-0.044
27.533	-0.044
27.556	-0.044
27.578	-0.044
27.600	-0.044
27.622	-0.044
27.644	-0.044
27.667	-0.044
27.689	-0.044
27.711	-0.044
27.733	-0.044
27.756	-0.044
27.778	-0.044
27.800	-0.044
27.822	-0.044
27.844	-0.044
27.867	-0.044
27.889	-0.044
27.911	-0.044
27.933	-0.044
27.956	-0.044
27.978	-0.044
28.000	-0.044
28.022	-0.044
28.044	-0.044
28.067	-0.044
28.089	-0.044
28.111	-0.045
28.133	-0.045
28.156	-0.045
28.178	-0.045
28.200	-0.046
28.222	-0.046
28.244	-0.047
28.267	-0.047
28.289	-0.047
28.311	-0.048
28.333	-0.048
28.356	-0.048
28.378	-0.049
28.400	-0.049
28.422	-0.049

28.444	-0.050
28.467	-0.050
28.489	-0.050
28.511	-0.050
28.533	-0.051
28.556	-0.051
28.578	-0.051
28.600	-0.051
28.622	-0.051
28.644	-0.052
28.667	-0.052
28.689	-0.052
28.711	-0.052
28.733	-0.052
28.756	-0.053
28.778	-0.053
28.800	-0.053
28.822	-0.053
28.844	-0.053
28.867	-0.053
28.889	-0.054
28.911	-0.054
28.933	-0.054
28.956	-0.054
28.978	-0.054
29.000	-0.054
29.022	-0.054
29.044	-0.054
29.067	-0.054
29.089	-0.055
29.111	-0.055
29.133	-0.055
29.156	-0.055
29.178	-0.055
29.200	-0.055
29.222	-0.055
29.244	-0.055
29.267	-0.055
29.289	-0.055
29.311	-0.056
29.333	-0.056
29.356	-0.056
29.378	-0.056
29.400	-0.056
29.422	-0.056
29.444	-0.056
29.467	-0.056
29.489	-0.056
29.511	-0.056
29.533	-0.056
29.556	-0.056
29.578	-0.056
29.600	-0.056
29.622	-0.057
29.644	-0.057
29.667	-0.057
29.689	-0.057
29.711	-0.057
29.733	-0.057
29.756	-0.057
29.778	-0.057
29.800	-0.057
29.822	-0.057
29.844	-0.057
29.867	-0.057

29.889	-0.057
29.911	-0.057
29.933	-0.057
29.956	-0.057
29.978	-0.057
30.000	-0.058
30.022	-0.058
30.044	-0.058
30.067	-0.058
30.089	-0.058
30.111	-0.058
30.133	-0.058
30.156	-0.058
30.178	-0.058
30.200	-0.058
30.222	-0.058
30.244	-0.058
30.267	-0.058
30.289	-0.058
30.311	-0.058
30.333	-0.058
30.356	-0.058
30.378	-0.058
30.400	-0.058
30.422	-0.058
30.444	-0.058
30.467	-0.058
30.489	-0.058
30.511	-0.059
30.533	-0.059
30.556	-0.059
30.578	-0.059
30.600	-0.059
30.622	-0.059
30.644	-0.059
30.667	-0.059
30.689	-0.059
30.711	-0.059
30.733	-0.059
30.756	-0.059
30.778	-0.059
30.800	-0.059
30.822	-0.059
30.844	-0.059
30.867	-0.059
30.889	-0.059
30.911	-0.059
30.933	-0.059
30.956	-0.059
30.978	-0.059
31.000	-0.059
31.022	-0.059
31.044	-0.059
31.067	-0.059
31.089	-0.059
31.111	-0.059
31.133	-0.059
31.156	-0.059
31.178	-0.059
31.200	-0.060
31.222	-0.060
31.244	-0.060
31.267	-0.060
31.289	-0.060
31.311	-0.060

31.333	-0.060
31.356	-0.060
31.378	-0.060
31.400	-0.060
31.422	-0.060
31.444	-0.060
31.467	-0.060
31.489	-0.060
31.511	-0.060
31.533	-0.060
31.556	-0.060
31.578	-0.060
31.600	-0.060
31.622	-0.060
31.644	-0.060
31.667	-0.060
31.689	-0.060
31.711	-0.060
31.733	-0.060
31.756	-0.060
31.778	-0.060
31.800	-0.060
31.822	-0.060
31.844	-0.060
31.867	-0.060
31.889	-0.060
31.911	-0.060
31.933	-0.060
31.956	-0.060
31.978	-0.060
32.000	-0.060
32.022	-0.060
32.044	-0.061
32.067	-0.061
32.089	-0.062
32.111	-0.063
32.133	-0.064
32.156	-0.065
32.178	-0.067
32.200	-0.069
32.222	-0.070
32.244	-0.072
32.267	-0.073
32.289	-0.075
32.311	-0.076
32.333	-0.078
32.356	-0.079
32.378	-0.080
32.400	-0.082
32.422	-0.083
32.444	-0.084
32.467	-0.085
32.489	-0.086
32.511	-0.087
32.533	-0.088
32.556	-0.089
32.578	-0.090
32.600	-0.091
32.622	-0.092
32.644	-0.093
32.667	-0.093
32.689	-0.094
32.711	-0.095
32.733	-0.095
32.756	-0.096

32.778	-0.097
32.800	-0.097
32.822	-0.098
32.844	-0.099
32.867	-0.099
32.889	-0.100
32.911	-0.100
32.933	-0.101
32.956	-0.101
32.978	-0.101
33.000	-0.102
33.022	-0.102
33.044	-0.103
33.067	-0.103
33.089	-0.103
33.111	-0.104
33.133	-0.104
33.156	-0.105
33.178	-0.105
33.200	-0.105
33.222	-0.106
33.244	-0.106
33.267	-0.106
33.289	-0.107
33.311	-0.107
33.333	-0.107
33.356	-0.108
33.378	-0.108
33.400	-0.108
33.422	-0.108
33.444	-0.109
33.467	-0.109
33.489	-0.109
33.511	-0.109
33.533	-0.110
33.556	-0.110
33.578	-0.110
33.600	-0.110
33.622	-0.111
33.644	-0.111
33.667	-0.111
33.689	-0.111
33.711	-0.112
33.733	-0.112
33.756	-0.112
33.778	-0.112
33.800	-0.112
33.822	-0.113
33.844	-0.113
33.867	-0.113
33.889	-0.113
33.911	-0.114
33.933	-0.114
33.956	-0.114
33.978	-0.114
34.000	-0.114
34.022	-0.114
34.044	-0.115
34.067	-0.115
34.089	-0.115
34.111	-0.115
34.133	-0.115
34.156	-0.115
34.178	-0.116
34.200	-0.116

34.222	-0.116
34.244	-0.116
34.267	-0.116
34.289	-0.116
34.311	-0.117
34.333	-0.117
34.356	-0.117
34.378	-0.117
34.400	-0.117
34.422	-0.117
34.444	-0.117
34.467	-0.118
34.489	-0.118
34.511	-0.118
34.533	-0.118
34.556	-0.118
34.578	-0.118
34.600	-0.118
34.622	-0.119
34.644	-0.119
34.667	-0.119
34.689	-0.119
34.711	-0.119
34.733	-0.119
34.756	-0.119
34.778	-0.119
34.800	-0.120
34.822	-0.120
34.844	-0.120
34.867	-0.120
34.889	-0.120
34.911	-0.120
34.933	-0.120
34.956	-0.120
34.978	-0.120
35.000	-0.121
35.022	-0.121
35.044	-0.121
35.067	-0.121
35.089	-0.121
35.111	-0.121
35.133	-0.121
35.156	-0.121
35.178	-0.121
35.200	-0.121
35.222	-0.122
35.244	-0.122
35.267	-0.122
35.289	-0.122
35.311	-0.122
35.333	-0.122
35.356	-0.122
35.378	-0.122
35.400	-0.122
35.422	-0.122
35.444	-0.123
35.467	-0.123
35.489	-0.123
35.511	-0.123
35.533	-0.123
35.556	-0.123
35.578	-0.123
35.600	-0.123
35.622	-0.123
35.644	-0.123

35.667	-0.123
35.689	-0.124
35.711	-0.124
35.733	-0.124
35.756	-0.124
35.778	-0.124
35.800	-0.124
35.822	-0.124
35.844	-0.124
35.867	-0.124
35.889	-0.124
35.911	-0.124
35.933	-0.124
35.956	-0.124
35.978	-0.125
36.000	-0.125
36.022	-0.125
36.044	-0.125
36.067	-0.125
36.089	-0.124
36.111	-0.124
36.133	-0.124
36.156	-0.124
36.178	-0.123
36.200	-0.123
36.222	-0.123
36.244	-0.122
36.267	-0.122
36.289	-0.121
36.311	-0.121
36.333	-0.120
36.356	-0.120
36.378	-0.119
36.400	-0.119
36.422	-0.118
36.444	-0.118
36.467	-0.117
36.489	-0.117
36.511	-0.117
36.533	-0.116
36.556	-0.116
36.578	-0.115
36.600	-0.115
36.622	-0.114
36.644	-0.114
36.667	-0.114
36.689	-0.113
36.711	-0.113
36.733	-0.112
36.756	-0.112
36.778	-0.112
36.800	-0.111
36.822	-0.111
36.844	-0.111
36.867	-0.110
36.889	-0.110
36.911	-0.110
36.933	-0.109
36.956	-0.109
36.978	-0.109
37.000	-0.108
37.022	-0.108
37.044	-0.108
37.067	-0.107
37.089	-0.107

37.111	-0.107
37.133	-0.106
37.156	-0.106
37.178	-0.106
37.200	-0.105
37.222	-0.105
37.244	-0.105
37.267	-0.105
37.289	-0.104
37.311	-0.104
37.333	-0.104
37.356	-0.103
37.378	-0.103
37.400	-0.103
37.422	-0.103
37.444	-0.102
37.467	-0.102
37.489	-0.102
37.511	-0.102
37.533	-0.101
37.556	-0.101
37.578	-0.101
37.600	-0.101
37.622	-0.100
37.644	-0.100
37.667	-0.100
37.689	-0.099
37.711	-0.099
37.733	-0.099
37.756	-0.099
37.778	-0.098
37.800	-0.098
37.822	-0.098
37.844	-0.098
37.867	-0.098
37.889	-0.097
37.911	-0.097
37.933	-0.097
37.956	-0.097
37.978	-0.097
38.000	-0.096
38.022	-0.096
38.044	-0.096
38.067	-0.096
38.089	-0.095
38.111	-0.095
38.133	-0.095
38.156	-0.095
38.178	-0.095
38.200	-0.094
38.222	-0.094
38.244	-0.094
38.267	-0.094
38.289	-0.094
38.311	-0.094
38.333	-0.093
38.356	-0.093
38.378	-0.093
38.400	-0.093
38.422	-0.093
38.444	-0.092
38.467	-0.092
38.489	-0.092
38.511	-0.092
38.533	-0.092

38.556	-0.092
38.578	-0.091
38.600	-0.091
38.622	-0.091
38.644	-0.091
38.667	-0.091
38.689	-0.091
38.711	-0.090
38.733	-0.090
38.756	-0.090
38.778	-0.090
38.800	-0.090
38.822	-0.090
38.844	-0.090
38.867	-0.089
38.889	-0.089
38.911	-0.089
38.933	-0.089
38.956	-0.089
38.978	-0.089
39.000	-0.088
39.022	-0.088
39.044	-0.088
39.067	-0.088
39.089	-0.088
39.111	-0.088
39.133	-0.088
39.156	-0.087
39.178	-0.087
39.200	-0.087
39.222	-0.087
39.244	-0.087
39.267	-0.087
39.289	-0.087
39.311	-0.087
39.333	-0.086
39.356	-0.086
39.378	-0.086
39.400	-0.086
39.422	-0.086
39.444	-0.086
39.467	-0.086
39.489	-0.086
39.511	-0.085
39.533	-0.085
39.556	-0.085
39.578	-0.085
39.600	-0.085
39.622	-0.085
39.644	-0.085
39.667	-0.085
39.689	-0.084
39.711	-0.084
39.733	-0.084
39.756	-0.084
39.778	-0.084
39.800	-0.084
39.822	-0.084
39.844	-0.084
39.867	-0.084
39.889	-0.083
39.911	-0.083
39.933	-0.083
39.956	-0.083
39.978	-0.083

40.000	-0.083
40.022	-0.083
40.044	-0.083
40.067	-0.082
40.089	-0.082
40.111	-0.081
40.133	-0.081
40.156	-0.080
40.178	-0.079
40.200	-0.079
40.222	-0.078
40.244	-0.078
40.267	-0.077
40.289	-0.077
40.311	-0.076
40.333	-0.076
40.356	-0.076
40.378	-0.075
40.400	-0.075
40.422	-0.075
40.444	-0.074
40.467	-0.074
40.489	-0.074
40.511	-0.074
40.533	-0.073
40.556	-0.073
40.578	-0.073
40.600	-0.073
40.622	-0.073
40.644	-0.073
40.667	-0.072
40.689	-0.072
40.711	-0.072
40.733	-0.072
40.756	-0.072
40.778	-0.072
40.800	-0.072
40.822	-0.072
40.844	-0.072
40.867	-0.071
40.889	-0.071
40.911	-0.071
40.933	-0.071
40.956	-0.071
40.978	-0.071
41.000	-0.071
41.022	-0.071
41.044	-0.071
41.067	-0.071
41.089	-0.071
41.111	-0.071
41.133	-0.071
41.156	-0.071
41.178	-0.071
41.200	-0.071
41.222	-0.071
41.244	-0.071
41.267	-0.071
41.289	-0.070
41.311	-0.070
41.333	-0.070
41.356	-0.070
41.378	-0.070
41.400	-0.070
41.422	-0.070

41.444	-0.070
41.467	-0.070
41.489	-0.070
41.511	-0.070
41.533	-0.070
41.556	-0.070
41.578	-0.070
41.600	-0.070
41.622	-0.070
41.644	-0.070
41.667	-0.070
41.689	-0.070
41.711	-0.070
41.733	-0.070
41.756	-0.070
41.778	-0.070
41.800	-0.070
41.822	-0.069
41.844	-0.069
41.867	-0.069
41.889	-0.069
41.911	-0.069
41.933	-0.069
41.956	-0.069
41.978	-0.069
42.000	-0.069
42.022	-0.069
42.044	-0.069
42.067	-0.069
42.089	-0.069
42.111	-0.069
42.133	-0.069
42.156	-0.069
42.178	-0.069
42.200	-0.069
42.222	-0.069
42.244	-0.069
42.267	-0.069
42.289	-0.069
42.311	-0.069
42.333	-0.069
42.356	-0.069
42.378	-0.069
42.400	-0.068
42.422	-0.068
42.444	-0.068
42.467	-0.068
42.489	-0.068
42.511	-0.068
42.533	-0.068
42.556	-0.068
42.578	-0.068
42.600	-0.068
42.622	-0.068
42.644	-0.068
42.667	-0.068
42.689	-0.068
42.711	-0.068
42.733	-0.068
42.756	-0.068
42.778	-0.068
42.800	-0.068
42.822	-0.068
42.844	-0.068
42.867	-0.068

42.889	-0.068
42.911	-0.068
42.933	-0.068
42.956	-0.068
42.978	-0.067
43.000	-0.067
43.022	-0.067
43.044	-0.067
43.067	-0.067
43.089	-0.067
43.111	-0.067
43.133	-0.067
43.156	-0.067
43.178	-0.067
43.200	-0.067
43.222	-0.067
43.244	-0.067
43.267	-0.067
43.289	-0.067
43.311	-0.067
43.333	-0.067
43.356	-0.067
43.378	-0.067
43.400	-0.067
43.422	-0.067
43.444	-0.067
43.467	-0.067
43.489	-0.067
43.511	-0.067
43.533	-0.067
43.556	-0.067
43.578	-0.067
43.600	-0.066
43.622	-0.066
43.644	-0.066
43.667	-0.066
43.689	-0.066
43.711	-0.066
43.733	-0.066
43.756	-0.066
43.778	-0.066
43.800	-0.066
43.822	-0.066
43.844	-0.066
43.867	-0.066
43.889	-0.066
43.911	-0.066
43.933	-0.066
43.956	-0.066
43.978	-0.066
44.000	-0.066
44.022	-0.066
44.044	-0.066
44.067	-0.066
44.089	-0.066
44.111	-0.065
44.133	-0.065
44.156	-0.065
44.178	-0.065
44.200	-0.065
44.222	-0.065
44.244	-0.064
44.267	-0.064
44.289	-0.064
44.311	-0.064

44.333	-0.064
44.356	-0.064
44.378	-0.063
44.400	-0.063
44.422	-0.063
44.444	-0.063
44.467	-0.063
44.489	-0.063
44.511	-0.063
44.533	-0.063
44.556	-0.062
44.578	-0.062
44.600	-0.062
44.622	-0.062
44.644	-0.062
44.667	-0.062
44.689	-0.062
44.711	-0.062
44.733	-0.062
44.756	-0.062
44.778	-0.062
44.800	-0.061
44.822	-0.061
44.844	-0.061
44.867	-0.061
44.889	-0.061
44.911	-0.061
44.933	-0.061
44.956	-0.061
44.978	-0.061
45.000	-0.061
45.022	-0.061
45.044	-0.061
45.067	-0.061
45.089	-0.061
45.111	-0.061
45.133	-0.061
45.156	-0.060
45.178	-0.060
45.200	-0.060
45.222	-0.060
45.244	-0.060
45.267	-0.060
45.289	-0.060
45.311	-0.060
45.333	-0.060
45.356	-0.060
45.378	-0.060
45.400	-0.060
45.422	-0.060
45.444	-0.060
45.467	-0.060
45.489	-0.060
45.511	-0.060
45.533	-0.059
45.556	-0.059
45.578	-0.059
45.600	-0.059
45.622	-0.059
45.644	-0.059
45.667	-0.059
45.689	-0.059
45.711	-0.059
45.733	-0.059
45.756	-0.059

45.778	-0.059
45.800	-0.059
45.822	-0.059
45.844	-0.059
45.867	-0.059
45.889	-0.059
45.911	-0.059
45.933	-0.058
45.956	-0.058
45.978	-0.058
46.000	-0.058
46.022	-0.058
46.044	-0.058
46.067	-0.058
46.089	-0.058
46.111	-0.058
46.133	-0.058
46.156	-0.058
46.178	-0.058
46.200	-0.058
46.222	-0.058
46.244	-0.058
46.267	-0.058
46.289	-0.058
46.311	-0.058
46.333	-0.058
46.356	-0.058
46.378	-0.057
46.400	-0.057
46.422	-0.057
46.444	-0.057
46.467	-0.057
46.489	-0.057
46.511	-0.057
46.533	-0.057
46.556	-0.057
46.578	-0.057
46.600	-0.057
46.622	-0.057
46.644	-0.057
46.667	-0.057
46.689	-0.057
46.711	-0.057
46.733	-0.057
46.756	-0.057
46.778	-0.057
46.800	-0.057
46.822	-0.057
46.844	-0.056
46.867	-0.056
46.889	-0.056
46.911	-0.056
46.933	-0.056
46.956	-0.056
46.978	-0.056
47.000	-0.056
47.022	-0.056
47.044	-0.056
47.067	-0.056
47.089	-0.056
47.111	-0.056
47.133	-0.056
47.156	-0.056
47.178	-0.056
47.200	-0.056

47.222	-0.056
47.244	-0.056
47.267	-0.056
47.289	-0.056
47.311	-0.056
47.333	-0.056
47.356	-0.055
47.378	-0.055
47.400	-0.055
47.422	-0.055
47.444	-0.055
47.467	-0.055
47.489	-0.055
47.511	-0.055
47.533	-0.055
47.556	-0.055
47.578	-0.055
47.600	-0.055
47.622	-0.055
47.644	-0.055
47.667	-0.055
47.689	-0.055
47.711	-0.055
47.733	-0.055
47.756	-0.055
47.778	-0.055
47.800	-0.055
47.822	-0.055
47.844	-0.055
47.867	-0.055
47.889	-0.055
47.911	-0.054
47.933	-0.054
47.956	-0.054
47.978	-0.054
48.000	-0.054
48.022	-0.054
48.044	-0.054
48.067	-0.054
48.089	-0.054
48.111	-0.054
48.133	-0.054
48.156	-0.054
48.178	-0.055
48.200	-0.055
48.222	-0.055
48.244	-0.055
48.267	-0.055
48.289	-0.055
48.311	-0.055
48.333	-0.055
48.356	-0.055
48.378	-0.056
48.400	-0.056
48.422	-0.056
48.444	-0.056
48.467	-0.056
48.489	-0.056
48.511	-0.056
48.533	-0.056
48.556	-0.056
48.578	-0.056
48.600	-0.056
48.622	-0.056
48.644	-0.057

48.667	-0.057
48.689	-0.057
48.711	-0.057
48.733	-0.057
48.756	-0.057
48.778	-0.057
48.800	-0.057
48.822	-0.057
48.844	-0.057
48.867	-0.057
48.889	-0.057
48.911	-0.057
48.933	-0.057
48.956	-0.057
48.978	-0.057
49.000	-0.057
49.022	-0.057
49.044	-0.057
49.067	-0.057
49.089	-0.057
49.111	-0.057
49.133	-0.057
49.156	-0.057
49.178	-0.057
49.200	-0.057
49.222	-0.057
49.244	-0.058
49.267	-0.058
49.289	-0.058
49.311	-0.058
49.333	-0.058
49.356	-0.058
49.378	-0.058
49.400	-0.058
49.422	-0.058
49.444	-0.058
49.467	-0.058
49.489	-0.058
49.511	-0.058
49.533	-0.058
49.556	-0.058
49.578	-0.058
49.600	-0.058
49.622	-0.058
49.644	-0.058
49.667	-0.058
49.689	-0.058
49.711	-0.058
49.733	-0.058
49.756	-0.058
49.778	-0.058
49.800	-0.058
49.822	-0.058
49.844	-0.058
49.867	-0.058
49.889	-0.058
49.911	-0.058
49.933	-0.058
49.956	-0.058
49.978	-0.058
50.000	-0.058
50.022	-0.058
50.044	-0.058
50.067	-0.058
50.089	-0.058

50.111	-0.058
50.133	-0.058
50.156	-0.058
50.178	-0.058
50.200	-0.058
50.222	-0.058
50.244	-0.058
50.267	-0.058
50.289	-0.058
50.311	-0.058
50.333	-0.058
50.356	-0.058
50.378	-0.058
50.400	-0.058
50.422	-0.058
50.444	-0.058
50.467	-0.058
50.489	-0.058
50.511	-0.058
50.533	-0.058
50.556	-0.058
50.578	-0.058
50.600	-0.058
50.622	-0.058
50.644	-0.058
50.667	-0.058
50.689	-0.058
50.711	-0.058
50.733	-0.058
50.756	-0.058
50.778	-0.058
50.800	-0.058
50.822	-0.058
50.844	-0.058
50.867	-0.058
50.889	-0.058
50.911	-0.058
50.933	-0.058
50.956	-0.058
50.978	-0.058
51.000	-0.058
51.022	-0.058
51.044	-0.058
51.067	-0.058
51.089	-0.058
51.111	-0.058
51.133	-0.058
51.156	-0.058
51.178	-0.058
51.200	-0.058
51.222	-0.058
51.244	-0.058
51.267	-0.058
51.289	-0.058
51.311	-0.058
51.333	-0.058
51.356	-0.058
51.378	-0.058
51.400	-0.058
51.422	-0.058
51.444	-0.058
51.467	-0.058
51.489	-0.058
51.511	-0.058
51.533	-0.058

51.556	-0.058
51.578	-0.058
51.600	-0.058
51.622	-0.058
51.644	-0.058
51.667	-0.058
51.689	-0.058
51.711	-0.058
51.733	-0.058
51.756	-0.058
51.778	-0.058
51.800	-0.058
51.822	-0.058
51.844	-0.058
51.867	-0.058
51.889	-0.058
51.911	-0.058
51.933	-0.058
51.956	-0.058
51.978	-0.058
52.000	-0.058
52.022	-0.058
52.044	-0.058
52.067	-0.058
52.089	-0.058
52.111	-0.058
52.133	-0.058
52.156	-0.059
52.178	-0.059
52.200	-0.059
52.222	-0.059
52.244	-0.060
52.267	-0.060
52.289	-0.060
52.311	-0.060
52.333	-0.060
52.356	-0.061
52.378	-0.061
52.400	-0.061
52.422	-0.061
52.444	-0.061
52.467	-0.061
52.489	-0.062
52.511	-0.062
52.533	-0.062
52.556	-0.062
52.578	-0.062
52.600	-0.062
52.622	-0.062
52.644	-0.062
52.667	-0.062
52.689	-0.062
52.711	-0.062
52.733	-0.062
52.756	-0.062
52.778	-0.062
52.800	-0.062
52.822	-0.062
52.844	-0.062
52.867	-0.062
52.889	-0.062
52.911	-0.062
52.933	-0.062
52.956	-0.062
52.978	-0.062

53.000	-0.062
53.022	-0.062
53.044	-0.062
53.067	-0.062
53.089	-0.062
53.111	-0.062
53.133	-0.061
53.156	-0.061
53.178	-0.061
53.200	-0.061
53.222	-0.061
53.244	-0.061
53.267	-0.061
53.289	-0.061
53.311	-0.061
53.333	-0.061
53.356	-0.061
53.378	-0.061
53.400	-0.061
53.422	-0.061
53.444	-0.061
53.467	-0.060
53.489	-0.060
53.511	-0.060
53.533	-0.060
53.556	-0.060
53.578	-0.060
53.600	-0.060
53.622	-0.060
53.644	-0.060
53.667	-0.060
53.689	-0.060
53.711	-0.060
53.733	-0.060
53.756	-0.060
53.778	-0.060
53.800	-0.060
53.822	-0.059
53.844	-0.059
53.867	-0.059
53.889	-0.059
53.911	-0.059
53.933	-0.059
53.956	-0.059
53.978	-0.059
54.000	-0.059
54.022	-0.059
54.044	-0.059
54.067	-0.059
54.089	-0.059
54.111	-0.059
54.133	-0.059
54.156	-0.059
54.178	-0.059
54.200	-0.058
54.222	-0.058
54.244	-0.058
54.267	-0.058
54.289	-0.058
54.311	-0.058
54.333	-0.058
54.356	-0.058
54.378	-0.058
54.400	-0.058
54.422	-0.058

54.444	-0.058
54.467	-0.058
54.489	-0.058
54.511	-0.058
54.533	-0.058
54.556	-0.058
54.578	-0.058
54.600	-0.058
54.622	-0.058
54.644	-0.057
54.667	-0.057
54.689	-0.057
54.711	-0.057
54.733	-0.057
54.756	-0.057
54.778	-0.057
54.800	-0.057
54.822	-0.057
54.844	-0.057
54.867	-0.057
54.889	-0.057
54.911	-0.057
54.933	-0.057
54.956	-0.057
54.978	-0.057
55.000	-0.057
55.022	-0.057
55.044	-0.057
55.067	-0.057
55.089	-0.057
55.111	-0.057
55.133	-0.057
55.156	-0.056
55.178	-0.056
55.200	-0.056
55.222	-0.056
55.244	-0.056
55.267	-0.056
55.289	-0.056
55.311	-0.056
55.333	-0.056
55.356	-0.056
55.378	-0.056
55.400	-0.056
55.422	-0.056
55.444	-0.056
55.467	-0.056
55.489	-0.056
55.511	-0.056
55.533	-0.056
55.556	-0.056
55.578	-0.056
55.600	-0.056
55.622	-0.056
55.644	-0.056
55.667	-0.056
55.689	-0.056
55.711	-0.056
55.733	-0.056
55.756	-0.055
55.778	-0.055
55.800	-0.055
55.822	-0.055
55.844	-0.055
55.867	-0.055

55.889	-0.055
55.911	-0.055
55.933	-0.055
55.956	-0.055
55.978	-0.055
56.000	-0.055
56.022	-0.055
56.044	-0.056
56.067	-0.056
56.089	-0.057
56.111	-0.059
56.133	-0.060
56.156	-0.062
56.178	-0.063
56.200	-0.065
56.222	-0.066
56.244	-0.068
56.267	-0.069
56.289	-0.070
56.311	-0.071
56.333	-0.072
56.356	-0.072
56.378	-0.073
56.400	-0.074
56.422	-0.074
56.444	-0.075
56.467	-0.075
56.489	-0.076
56.511	-0.076
56.533	-0.076
56.556	-0.076
56.578	-0.076
56.600	-0.076
56.622	-0.076
56.644	-0.076
56.667	-0.076
56.689	-0.076
56.711	-0.076
56.733	-0.076
56.756	-0.076
56.778	-0.076
56.800	-0.075
56.822	-0.075
56.844	-0.075
56.867	-0.075
56.889	-0.074
56.911	-0.074
56.933	-0.074
56.956	-0.074
56.978	-0.073
57.000	-0.073
57.022	-0.073
57.044	-0.072
57.067	-0.072
57.089	-0.072
57.111	-0.072
57.133	-0.071
57.156	-0.071
57.178	-0.071
57.200	-0.071
57.222	-0.070
57.244	-0.070
57.267	-0.070
57.289	-0.070
57.311	-0.070

57.333	-0.069
57.356	-0.069
57.378	-0.069
57.400	-0.069
57.422	-0.068
57.444	-0.068
57.467	-0.068
57.489	-0.068
57.511	-0.068
57.533	-0.067
57.556	-0.067
57.578	-0.067
57.600	-0.067
57.622	-0.067
57.644	-0.066
57.667	-0.066
57.689	-0.066
57.711	-0.066
57.733	-0.066
57.756	-0.066
57.778	-0.065
57.800	-0.065
57.822	-0.065
57.844	-0.065
57.867	-0.065
57.889	-0.065
57.911	-0.065
57.933	-0.064
57.956	-0.064
57.978	-0.064
58.000	-0.064
58.022	-0.064
58.044	-0.064
58.067	-0.064
58.089	-0.064
58.111	-0.064
58.133	-0.063
58.156	-0.063
58.178	-0.063
58.200	-0.063
58.222	-0.063
58.244	-0.063
58.267	-0.063
58.289	-0.063
58.311	-0.063
58.333	-0.062
58.356	-0.062
58.378	-0.062
58.400	-0.062
58.422	-0.062
58.444	-0.062
58.467	-0.062
58.489	-0.062
58.511	-0.062
58.533	-0.062
58.556	-0.062
58.578	-0.062
58.600	-0.061
58.622	-0.061
58.644	-0.061
58.667	-0.061
58.689	-0.061
58.711	-0.061
58.733	-0.061
58.756	-0.061

58.778	-0.061
58.800	-0.061
58.822	-0.061
58.844	-0.061
58.867	-0.061
58.889	-0.061
58.911	-0.060
58.933	-0.060
58.956	-0.060
58.978	-0.060
59.000	-0.060
59.022	-0.060
59.044	-0.060
59.067	-0.060
59.089	-0.060
59.111	-0.060
59.133	-0.060
59.156	-0.060
59.178	-0.060
59.200	-0.060
59.222	-0.060
59.244	-0.060
59.267	-0.059
59.289	-0.059
59.311	-0.059
59.333	-0.059
59.356	-0.059
59.378	-0.059
59.400	-0.059
59.422	-0.059
59.444	-0.059
59.467	-0.059
59.489	-0.059
59.511	-0.059
59.533	-0.059
59.556	-0.059
59.578	-0.059
59.600	-0.059
59.622	-0.059
59.644	-0.059
59.667	-0.059
59.689	-0.059
59.711	-0.058
59.733	-0.058
59.756	-0.058
59.778	-0.058
59.800	-0.058
59.822	-0.058
59.844	-0.058
59.867	-0.058
59.889	-0.058
59.911	-0.058
59.933	-0.058
59.956	-0.058
59.978	-0.058
60.000	-0.058
60.022	-0.058
60.044	-0.057
60.067	-0.057
60.089	-0.056
60.111	-0.055
60.133	-0.054
60.156	-0.053
60.178	-0.052
60.200	-0.051

60.222	-0.050
60.244	-0.050
60.267	-0.049
60.289	-0.049
60.311	-0.048
60.333	-0.048
60.356	-0.047
60.378	-0.047
60.400	-0.047
60.422	-0.046
60.444	-0.046
60.467	-0.046
60.489	-0.046
60.511	-0.046
60.533	-0.046
60.556	-0.046
60.578	-0.046
60.600	-0.046
60.622	-0.046
60.644	-0.046
60.667	-0.046
60.689	-0.046
60.711	-0.046
60.733	-0.046
60.756	-0.046
60.778	-0.046
60.800	-0.046
60.822	-0.046
60.844	-0.046
60.867	-0.046
60.889	-0.046
60.911	-0.046
60.933	-0.046
60.956	-0.046
60.978	-0.046
61.000	-0.047
61.022	-0.047
61.044	-0.047
61.067	-0.047
61.089	-0.047
61.111	-0.047
61.133	-0.047
61.156	-0.047
61.178	-0.047
61.200	-0.047
61.222	-0.047
61.244	-0.047
61.267	-0.047
61.289	-0.048
61.311	-0.048
61.333	-0.048
61.356	-0.048
61.378	-0.048
61.400	-0.048
61.422	-0.048
61.444	-0.048
61.467	-0.048
61.489	-0.048
61.511	-0.048
61.533	-0.048
61.556	-0.048
61.578	-0.048
61.600	-0.048
61.622	-0.048
61.644	-0.048

61.667	-0.048
61.689	-0.048
61.711	-0.049
61.733	-0.049
61.756	-0.049
61.778	-0.049
61.800	-0.049
61.822	-0.049
61.844	-0.049
61.867	-0.049
61.889	-0.049
61.911	-0.049
61.933	-0.049
61.956	-0.049
61.978	-0.049
62.000	-0.049
62.022	-0.049
62.044	-0.049
62.067	-0.049
62.089	-0.049
62.111	-0.049
62.133	-0.049
62.156	-0.049
62.178	-0.049
62.200	-0.049
62.222	-0.049
62.244	-0.049
62.267	-0.049
62.289	-0.049
62.311	-0.049
62.333	-0.049
62.356	-0.049
62.378	-0.049
62.400	-0.049
62.422	-0.049
62.444	-0.049
62.467	-0.049
62.489	-0.049
62.511	-0.049
62.533	-0.049
62.556	-0.049
62.578	-0.049
62.600	-0.049
62.622	-0.049
62.644	-0.049
62.667	-0.049
62.689	-0.049
62.711	-0.049
62.733	-0.049
62.756	-0.049
62.778	-0.049
62.800	-0.049
62.822	-0.049
62.844	-0.049
62.867	-0.049
62.889	-0.049
62.911	-0.049
62.933	-0.049
62.956	-0.049
62.978	-0.049
63.000	-0.049
63.022	-0.049
63.044	-0.049
63.067	-0.049
63.089	-0.049

63.111	-0.049
63.133	-0.049
63.156	-0.049
63.178	-0.049
63.200	-0.049
63.222	-0.049
63.244	-0.049
63.267	-0.049
63.289	-0.049
63.311	-0.049
63.333	-0.049
63.356	-0.049
63.378	-0.049
63.400	-0.049
63.422	-0.049
63.444	-0.049
63.467	-0.049
63.489	-0.049
63.511	-0.049
63.533	-0.049
63.556	-0.049
63.578	-0.049
63.600	-0.049
63.622	-0.049
63.644	-0.049
63.667	-0.049
63.689	-0.049
63.711	-0.049
63.733	-0.049
63.756	-0.049
63.778	-0.049
63.800	-0.049
63.822	-0.049
63.844	-0.049
63.867	-0.049
63.889	-0.049
63.911	-0.049
63.933	-0.049
63.956	-0.049
63.978	-0.049
64.000	-0.049
64.022	-0.049
64.044	-0.049
64.067	-0.048
64.089	-0.048
64.111	-0.047
64.133	-0.046
64.156	-0.045
64.178	-0.044
64.200	-0.044
64.222	-0.043
64.244	-0.043
64.267	-0.042
64.289	-0.042
64.311	-0.041
64.333	-0.041
64.356	-0.040
64.378	-0.040
64.400	-0.040
64.422	-0.039
64.444	-0.039
64.467	-0.039
64.489	-0.039
64.511	-0.039
64.533	-0.039

64.556	-0.039
64.578	-0.038
64.600	-0.038
64.622	-0.038
64.644	-0.038
64.667	-0.038
64.689	-0.038
64.711	-0.038
64.733	-0.038
64.756	-0.038
64.778	-0.038
64.800	-0.038
64.822	-0.038
64.844	-0.038
64.867	-0.038
64.889	-0.039
64.911	-0.039
64.933	-0.039
64.956	-0.039
64.978	-0.039
65.000	-0.039
65.022	-0.039
65.044	-0.039
65.067	-0.039
65.089	-0.039
65.111	-0.039
65.133	-0.039
65.156	-0.039
65.178	-0.039
65.200	-0.039
65.222	-0.039
65.244	-0.039
65.267	-0.040
65.289	-0.040
65.311	-0.040
65.333	-0.040
65.356	-0.040
65.378	-0.040
65.400	-0.040
65.422	-0.040
65.444	-0.040
65.467	-0.040
65.489	-0.040
65.511	-0.040
65.533	-0.040
65.556	-0.040
65.578	-0.040
65.600	-0.040
65.622	-0.041
65.644	-0.041
65.667	-0.041
65.689	-0.041
65.711	-0.041
65.733	-0.041
65.756	-0.041
65.778	-0.041
65.800	-0.041
65.822	-0.041
65.844	-0.041
65.867	-0.041
65.889	-0.041
65.911	-0.041
65.933	-0.041
65.956	-0.041
65.978	-0.041

66.000	-0.041
66.022	-0.041
66.044	-0.041
66.067	-0.041
66.089	-0.041
66.111	-0.041
66.133	-0.041
66.156	-0.042
66.178	-0.042
66.200	-0.042
66.222	-0.042
66.244	-0.042
66.267	-0.042
66.289	-0.042
66.311	-0.042
66.333	-0.042
66.356	-0.042
66.378	-0.042
66.400	-0.042
66.422	-0.042
66.444	-0.042
66.467	-0.042
66.489	-0.042
66.511	-0.042
66.533	-0.042
66.556	-0.042
66.578	-0.042
66.600	-0.042
66.622	-0.042
66.644	-0.042
66.667	-0.042
66.689	-0.042
66.711	-0.042
66.733	-0.042
66.756	-0.042
66.778	-0.042
66.800	-0.042
66.822	-0.042
66.844	-0.042
66.867	-0.042
66.889	-0.042
66.911	-0.042
66.933	-0.042
66.956	-0.042
66.978	-0.042
67.000	-0.042
67.022	-0.042
67.044	-0.042
67.067	-0.042
67.089	-0.042
67.111	-0.042
67.133	-0.042
67.156	-0.042
67.178	-0.043
67.200	-0.043
67.222	-0.043
67.244	-0.043
67.267	-0.043
67.289	-0.043
67.311	-0.043
67.333	-0.043
67.356	-0.043
67.378	-0.043
67.400	-0.043
67.422	-0.043

67.444	-0.043
67.467	-0.043
67.489	-0.043
67.511	-0.043
67.533	-0.043
67.556	-0.043
67.578	-0.043
67.600	-0.043
67.622	-0.043
67.644	-0.043
67.667	-0.043
67.689	-0.043
67.711	-0.043
67.733	-0.043
67.756	-0.043
67.778	-0.043
67.800	-0.043
67.822	-0.043
67.844	-0.043
67.867	-0.043
67.889	-0.043
67.911	-0.043
67.933	-0.043
67.956	-0.043
67.978	-0.043
68.000	-0.043
68.022	-0.043
68.044	-0.043
68.067	-0.043
68.089	-0.042
68.111	-0.042
68.133	-0.042
68.156	-0.042
68.178	-0.042
68.200	-0.041
68.222	-0.041
68.244	-0.041
68.267	-0.041
68.289	-0.041
68.311	-0.040
68.333	-0.040
68.356	-0.040
68.378	-0.040
68.400	-0.040
68.422	-0.040
68.444	-0.040
68.467	-0.040
68.489	-0.040
68.511	-0.040
68.533	-0.039
68.556	-0.039
68.578	-0.039
68.600	-0.039
68.622	-0.039
68.644	-0.039
68.667	-0.039
68.689	-0.039
68.711	-0.039
68.733	-0.039
68.756	-0.039
68.778	-0.039
68.800	-0.039
68.822	-0.039
68.844	-0.039
68.867	-0.039

68.889	-0.039
68.911	-0.039
68.933	-0.039
68.956	-0.039
68.978	-0.039
69.000	-0.039
69.022	-0.039
69.044	-0.039
69.067	-0.039
69.089	-0.039
69.111	-0.039
69.133	-0.039
69.156	-0.039
69.178	-0.039
69.200	-0.039
69.222	-0.039
69.244	-0.039
69.267	-0.039
69.289	-0.039
69.311	-0.039
69.333	-0.039
69.356	-0.039
69.378	-0.039
69.400	-0.039
69.422	-0.039
69.444	-0.039
69.467	-0.039
69.489	-0.039
69.511	-0.039
69.533	-0.039
69.556	-0.039
69.578	-0.039
69.600	-0.039
69.622	-0.039
69.644	-0.039
69.667	-0.039
69.689	-0.039
69.711	-0.039
69.733	-0.039
69.756	-0.039
69.778	-0.039
69.800	-0.039
69.822	-0.040
69.844	-0.040
69.867	-0.040
69.889	-0.040
69.911	-0.040
69.933	-0.040
69.956	-0.040
69.978	-0.040
70.000	-0.040
70.022	-0.040
70.044	-0.040
70.067	-0.040
70.089	-0.040
70.111	-0.040
70.133	-0.040
70.156	-0.040
70.178	-0.040
70.200	-0.040
70.222	-0.040
70.244	-0.040
70.267	-0.040
70.289	-0.040
70.311	-0.040

70.333	-0.040
70.356	-0.040
70.378	-0.040
70.400	-0.040
70.422	-0.040
70.444	-0.040
70.467	-0.040
70.489	-0.040
70.511	-0.040
70.533	-0.040
70.556	-0.040
70.578	-0.040
70.600	-0.040
70.622	-0.040
70.644	-0.040
70.667	-0.040
70.689	-0.040
70.711	-0.040
70.733	-0.040
70.756	-0.040
70.778	-0.040
70.800	-0.040
70.822	-0.040
70.844	-0.040
70.867	-0.040
70.889	-0.040
70.911	-0.040
70.933	-0.040
70.956	-0.040
70.978	-0.040
71.000	-0.040
71.022	-0.040
71.044	-0.040
71.067	-0.040
71.089	-0.040
71.111	-0.040
71.133	-0.040
71.156	-0.040
71.178	-0.040
71.200	-0.040
71.222	-0.040
71.244	-0.040
71.267	-0.040
71.289	-0.040
71.311	-0.040
71.333	-0.040
71.356	-0.040
71.378	-0.040
71.400	-0.040
71.422	-0.040
71.444	-0.040
71.467	-0.040
71.489	-0.040
71.511	-0.040
71.533	-0.040
71.556	-0.040
71.578	-0.040
71.600	-0.040
71.622	-0.040
71.644	-0.040
71.667	-0.040
71.689	-0.040
71.711	-0.040
71.733	-0.040
71.756	-0.040

71.778	-0.040
71.800	-0.040
71.822	-0.040
71.844	-0.040
71.867	-0.040
71.889	-0.040
71.911	-0.040
71.933	-0.040
71.956	-0.040
71.978	-0.040
72.000	-0.040
72.022	-0.040
72.044	-0.040
72.067	-0.040
72.089	-0.040
72.111	-0.040
72.133	-0.040
72.156	-0.039
72.178	-0.039
72.200	-0.039
72.222	-0.039
72.244	-0.039
72.267	-0.039
72.289	-0.039
72.311	-0.038
72.333	-0.038
72.356	-0.038
72.378	-0.038
72.400	-0.038
72.422	-0.038
72.444	-0.038
72.467	-0.038
72.489	-0.037
72.511	-0.037
72.533	-0.037
72.556	-0.037
72.578	-0.037
72.600	-0.037
72.622	-0.037
72.644	-0.037
72.667	-0.037
72.689	-0.037
72.711	-0.037
72.733	-0.037
72.756	-0.037
72.778	-0.036
72.800	-0.036
72.822	-0.036
72.844	-0.036
72.867	-0.036
72.889	-0.036
72.911	-0.036
192.911	-0.006
312.911	-0.001
408.911	-0.000
432.911	0.000
552.911	0.000
672.911	0.000
792.911	0.000

Name: Hyd-4 Node: Node108 Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	-0.000
0.467	-0.000
0.489	-0.000
0.511	-0.001
0.533	-0.004
0.556	-0.010
0.578	-0.019
0.600	-0.033
0.622	-0.050
0.644	-0.066
0.667	-0.072
0.689	-0.074
0.711	-0.076
0.733	-0.079
0.756	-0.083
0.778	-0.087
0.800	-0.091
0.822	-0.096
0.844	-0.102
0.867	-0.107
0.889	-0.112
0.911	-0.118
0.933	-0.124
0.956	-0.130
0.978	-0.136
1.000	-0.142
1.022	-0.148
1.044	-0.154
1.067	-0.161
1.089	-0.168
1.111	-0.177
1.133	-0.185
1.156	-0.194
1.178	-0.204
1.200	-0.213
1.222	-0.223
1.244	-0.232
1.267	-0.242
1.289	-0.251
1.311	-0.261
1.333	-0.270
1.356	-0.280
1.378	-0.289
1.400	-0.298
1.422	-0.307

1.444	-0.316
1.467	-0.325
1.489	-0.333
1.511	-0.342
1.533	-0.350
1.556	-0.359
1.578	-0.368
1.600	-0.377
1.622	-0.387
1.644	-0.397
1.667	-0.407
1.689	-0.417
1.711	-0.427
1.733	-0.437
1.756	-0.447
1.778	-0.457
1.800	-0.467
1.822	-0.477
1.844	-0.487
1.867	-0.496
1.889	-0.506
1.911	-0.515
1.933	-0.525
1.956	-0.534
1.978	-0.543
2.000	-0.549
2.022	-0.550
2.044	-0.550
2.067	-0.550
2.089	-0.550
2.111	-0.550
2.133	-0.550
2.156	-0.550
2.178	-0.550
2.200	-0.550
2.222	-0.550
2.244	-0.550
2.267	-0.550
2.289	-0.550
2.311	-0.550
2.333	-0.550
2.356	-0.550
2.378	-0.550
2.400	-0.550
2.422	-0.550
2.444	-0.550
2.467	-0.550
2.489	-0.550
2.511	-0.550
2.533	-0.550
2.556	-0.550
2.578	-0.550
2.600	-1.526
2.622	-1.933
2.644	-1.311
2.667	-1.209
2.689	-1.117
2.711	-1.034
2.733	-0.962
2.756	-0.897
2.778	-0.841
2.800	-0.791
2.822	-0.747
2.844	-0.708
2.867	-0.673

2.889	-0.642
2.911	-0.615
2.933	-0.591
2.956	-0.569
2.978	-0.549
3.000	-0.531
3.022	-0.514
3.044	-0.498
3.067	-0.482
3.089	-0.466
3.111	-0.451
3.133	-0.436
3.156	-0.423
3.178	-0.410
3.200	-0.399
3.222	-0.388
3.244	-0.378
3.267	-0.369
3.289	-0.361
3.311	-0.353
3.333	-0.346
3.356	-0.339
3.378	-0.333
3.400	-0.327
3.422	-0.321
3.444	-0.316
3.467	-0.311
3.489	-0.306
3.511	-0.301
3.533	-0.297
3.556	-0.292
3.578	-0.288
3.600	-0.283
3.622	-0.278
3.644	-0.274
3.667	-0.270
3.689	-0.266
3.711	-0.262
3.733	-0.258
3.756	-0.255
3.778	-0.252
3.800	-0.249
3.822	-0.246
3.844	-0.243
3.867	-0.241
3.889	-0.238
3.911	-0.236
3.933	-0.234
3.956	-0.232
3.978	-0.230
4.000	-0.228
4.022	-0.226
4.044	-0.224
4.067	-0.221
4.089	-0.219
4.111	-0.217
4.133	-0.214
4.156	-0.212
4.178	-0.210
4.200	-0.208
4.222	-0.206
4.244	-0.204
4.267	-0.202
4.289	-0.200
4.311	-0.199

4.333	-0.197
4.356	-0.195
4.378	-0.194
4.400	-0.192
4.422	-0.191
4.444	-0.190
4.467	-0.188
4.489	-0.187
4.511	-0.186
4.533	-0.185
4.556	-0.184
4.578	-0.182
4.600	-0.181
4.622	-0.180
4.644	-0.179
4.667	-0.178
4.689	-0.177
4.711	-0.176
4.733	-0.175
4.756	-0.174
4.778	-0.173
4.800	-0.172
4.822	-0.171
4.844	-0.170
4.867	-0.169
4.889	-0.168
4.911	-0.168
124.911	-0.006
244.911	0.000
340.911	0.000
364.911	0.000
484.911	0.000
604.911	0.000
724.911	0.000

Name: Hyd-7 Node: Node108 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000

0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000

2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
2.422	0.000
2.444	0.000
2.467	0.000
2.489	0.000
2.511	0.000
2.533	0.000
2.556	0.000
2.578	0.000
2.600	0.000
2.622	0.000
2.644	0.000
2.667	0.000
2.689	0.000
2.711	0.000
2.733	0.000
2.756	0.000
2.778	0.000
2.800	0.000
2.822	0.000
2.844	0.000
2.867	0.000
2.889	0.000
2.911	0.000
2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
3.067	0.000
3.089	0.000
3.111	0.000
3.133	0.000
3.156	0.000
3.178	0.000
3.200	0.000
3.222	0.000
3.244	0.000
3.267	0.000
3.289	0.000
3.311	0.000
3.333	0.000
3.356	0.000
3.378	0.000
3.400	0.000
3.422	0.000

3.444	0.000
3.467	0.000
3.489	0.000
3.511	0.000
3.533	0.000
3.556	0.000
3.578	0.000
3.600	0.000
3.622	0.000
3.644	0.000
3.667	0.000
3.689	0.000
3.711	0.000
3.733	0.000
3.756	0.000
3.778	0.000
3.800	0.000
3.822	0.000
3.844	0.000
3.867	0.000
3.889	0.000
3.911	0.000
3.933	0.000
3.956	0.000
3.978	0.000
4.000	0.000
4.022	0.000
4.044	0.000
4.067	0.000
4.089	0.000
4.111	0.000
4.133	0.000
4.156	0.000
4.178	-0.000
4.200	-0.000
4.222	-0.000
4.244	-0.000
4.267	-0.000
4.289	-0.000
4.311	-0.000
4.333	-0.000
4.356	-0.000
4.378	-0.000
4.400	-0.000
4.422	-0.000
4.444	-0.001
4.467	-0.001
4.489	-0.001
4.511	-0.001
4.533	-0.001
4.556	-0.001
4.578	-0.001
4.600	-0.001
4.622	-0.001
4.644	-0.001
4.667	-0.001
4.689	-0.001
4.711	-0.002
4.733	-0.002
4.756	-0.002
4.778	-0.002
4.800	-0.002
4.822	-0.002
4.844	-0.002
4.867	-0.002

4.889	-0.002
4.911	-0.002
4.933	-0.002
4.956	-0.003
4.978	-0.003
5.000	-0.003
5.022	-0.003
5.044	-0.003
5.067	-0.003
5.089	-0.003
5.111	-0.003
5.133	-0.003
5.156	-0.003
5.178	-0.003
5.200	-0.004
5.222	-0.004
5.244	-0.004
5.267	-0.004
5.289	-0.004
5.311	-0.004
5.333	-0.004
5.356	-0.004
5.378	-0.004
5.400	-0.004
5.422	-0.004
5.444	-0.005
5.467	-0.005
5.489	-0.005
5.511	-0.005
5.533	-0.005
5.556	-0.005
5.578	-0.005
5.600	-0.005
5.622	-0.005
5.644	-0.005
5.667	-0.005
5.689	-0.005
5.711	-0.006
5.733	-0.006
5.756	-0.006
5.778	-0.006
5.800	-0.006
5.822	-0.006
5.844	-0.006
5.867	-0.006
5.889	-0.006
5.911	-0.006
5.933	-0.006
5.956	-0.006
5.978	-0.007
6.000	-0.007
6.022	-0.007
6.044	-0.007
6.067	-0.007
6.089	-0.007
6.111	-0.007
6.133	-0.007
6.156	-0.007
6.178	-0.007
6.200	-0.007
6.222	-0.007
6.244	-0.008
6.267	-0.008
6.289	-0.008
6.311	-0.008

6.333	-0.008
6.356	-0.008
6.378	-0.008
6.400	-0.008
6.422	-0.008
6.444	-0.008
6.467	-0.008
6.489	-0.008
6.511	-0.008
6.533	-0.009
6.556	-0.009
6.578	-0.009
6.600	-0.009
6.622	-0.009
6.644	-0.009
6.667	-0.009
6.689	-0.009
6.711	-0.009
6.733	-0.009
6.756	-0.009
6.778	-0.009
6.800	-0.009
6.822	-0.009
6.844	-0.010
6.867	-0.010
6.889	-0.010
6.911	-0.010
6.933	-0.010
6.956	-0.010
6.978	-0.010
7.000	-0.010
7.022	-0.010
7.044	-0.010
7.067	-0.010
7.089	-0.010
7.111	-0.010
7.133	-0.010
7.156	-0.011
7.178	-0.011
7.200	-0.011
7.222	-0.011
7.244	-0.011
7.267	-0.011
7.289	-0.011
7.311	-0.011
7.333	-0.011
7.356	-0.011
7.378	-0.011
7.400	-0.011
7.422	-0.011
7.444	-0.011
7.467	-0.012
7.489	-0.012
7.511	-0.012
7.533	-0.012
7.556	-0.012
7.578	-0.012
7.600	-0.012
7.622	-0.012
7.644	-0.012
7.667	-0.012
7.689	-0.012
7.711	-0.012
7.733	-0.012
7.756	-0.012

7.778	-0.012
7.800	-0.012
7.822	-0.013
7.844	-0.013
7.867	-0.013
7.889	-0.013
7.911	-0.013
7.933	-0.013
7.956	-0.013
7.978	-0.013
8.000	-0.013
8.022	-0.013
8.044	-0.013
8.067	-0.013
8.089	-0.013
8.111	-0.013
8.133	-0.013
8.156	-0.013
8.178	-0.013
8.200	-0.013
8.222	-0.013
8.244	-0.013
8.267	-0.013
8.289	-0.013
8.311	-0.013
8.333	-0.014
8.356	-0.014
8.378	-0.014
8.400	-0.014
8.422	-0.014
8.444	-0.014
8.467	-0.014
8.489	-0.014
8.511	-0.014
8.533	-0.014
8.556	-0.014
8.578	-0.014
8.600	-0.014
8.622	-0.014
8.644	-0.014
8.667	-0.014
8.689	-0.014
8.711	-0.014
8.733	-0.014
8.756	-0.014
8.778	-0.015
8.800	-0.015
8.822	-0.015
8.844	-0.015
8.867	-0.015
8.889	-0.015
8.911	-0.015
8.933	-0.015
8.956	-0.015
8.978	-0.015
9.000	-0.015
9.022	-0.015
9.044	-0.015
9.067	-0.015
9.089	-0.015
9.111	-0.015
9.133	-0.015
9.156	-0.015
9.178	-0.015
9.200	-0.016

9.222	-0.016
9.244	-0.016
9.267	-0.016
9.289	-0.016
9.311	-0.016
9.333	-0.016
9.356	-0.016
9.378	-0.016
9.400	-0.016
9.422	-0.016
9.444	-0.016
9.467	-0.016
9.489	-0.016
9.511	-0.016
9.533	-0.016
9.556	-0.016
9.578	-0.016
9.600	-0.016
9.622	-0.016
9.644	-0.016
9.667	-0.017
9.689	-0.017
9.711	-0.017
9.733	-0.017
9.756	-0.017
9.778	-0.017
9.800	-0.017
9.822	-0.017
9.844	-0.017
9.867	-0.017
9.889	-0.017
9.911	-0.017
9.933	-0.017
9.956	-0.017
9.978	-0.017
10.000	-0.017
10.022	-0.017
10.044	-0.017
10.067	-0.017
10.089	-0.017
10.111	-0.017
10.133	-0.018
10.156	-0.018
10.178	-0.018
10.200	-0.018
10.222	-0.018
10.244	-0.018
10.267	-0.018
10.289	-0.018
10.311	-0.018
10.333	-0.018
10.356	-0.018
10.378	-0.018
10.400	-0.018
10.422	-0.018
10.444	-0.018
10.467	-0.018
10.489	-0.018
10.511	-0.018
10.533	-0.018
10.556	-0.018
10.578	-0.018
10.600	-0.018
10.622	-0.018
10.644	-0.019

10.667	-0.019
10.689	-0.019
10.711	-0.019
10.733	-0.019
10.756	-0.019
10.778	-0.019
10.800	-0.019
10.822	-0.019
10.844	-0.019
10.867	-0.019
10.889	-0.019
10.911	-0.019
10.933	-0.019
10.956	-0.019
10.978	-0.019
11.000	-0.019
11.022	-0.019
11.044	-0.019
11.067	-0.019
11.089	-0.019
11.111	-0.019
11.133	-0.019
11.156	-0.020
11.178	-0.020
11.200	-0.020
11.222	-0.020
11.244	-0.020
11.267	-0.020
11.289	-0.020
11.311	-0.020
11.333	-0.020
11.356	-0.020
11.378	-0.020
11.400	-0.020
11.422	-0.020
11.444	-0.020
11.467	-0.020
11.489	-0.020
11.511	-0.020
11.533	-0.020
11.556	-0.020
11.578	-0.020
11.600	-0.020
11.622	-0.020
11.644	-0.020
11.667	-0.020
11.689	-0.020
11.711	-0.020
11.733	-0.021
11.756	-0.021
11.778	-0.021
11.800	-0.021
11.822	-0.021
11.844	-0.021
11.867	-0.021
11.889	-0.021
11.911	-0.021
11.933	-0.021
11.956	-0.021
11.978	-0.021
12.000	-0.021
12.022	-0.021
12.044	-0.021
12.067	-0.021
12.089	-0.021

12.111	-0.021
12.133	-0.021
12.156	-0.021
12.178	-0.021
12.200	-0.021
12.222	-0.021
12.244	-0.021
12.267	-0.021
12.289	-0.021
12.311	-0.021
12.333	-0.022
12.356	-0.022
12.378	-0.022
12.400	-0.022
12.422	-0.022
12.444	-0.022
12.467	-0.022
12.489	-0.022
12.511	-0.022
12.533	-0.022
12.556	-0.022
12.578	-0.022
12.600	-0.022
12.622	-0.022
12.644	-0.022
12.667	-0.022
12.689	-0.022
12.711	-0.022
12.733	-0.022
12.756	-0.022
12.778	-0.022
12.800	-0.022
12.822	-0.022
12.844	-0.022
12.867	-0.022
12.889	-0.022
12.911	-0.022
12.933	-0.022
12.956	-0.023
12.978	-0.023
13.000	-0.023
13.022	-0.023
13.044	-0.023
13.067	-0.023
13.089	-0.023
13.111	-0.023
13.133	-0.023
13.156	-0.023
13.178	-0.023
13.200	-0.023
13.222	-0.023
13.244	-0.023
13.267	-0.023
13.289	-0.023
13.311	-0.023
13.333	-0.023
13.356	-0.023
13.378	-0.023
13.400	-0.023
13.422	-0.023
13.444	-0.023
13.467	-0.023
13.489	-0.023
13.511	-0.023
13.533	-0.023

13.556	-0.023
13.578	-0.023
13.600	-0.023
13.622	-0.024
13.644	-0.024
13.667	-0.024
13.689	-0.024
13.711	-0.024
13.733	-0.024
13.756	-0.024
13.778	-0.024
13.800	-0.024
13.822	-0.024
13.844	-0.024
13.867	-0.024
13.889	-0.024
13.911	-0.024
13.933	-0.024
13.956	-0.024
13.978	-0.024
14.000	-0.024
14.022	-0.024
14.044	-0.024
14.067	-0.024
14.089	-0.024
14.111	-0.024
14.133	-0.024
14.156	-0.024
14.178	-0.024
14.200	-0.024
14.222	-0.024
14.244	-0.024
14.267	-0.024
14.289	-0.024
14.311	-0.024
14.333	-0.024
14.356	-0.025
14.378	-0.025
14.400	-0.025
14.422	-0.025
14.444	-0.025
14.467	-0.025
14.489	-0.025
14.511	-0.025
14.533	-0.025
14.556	-0.025
14.578	-0.025
14.600	-0.025
14.622	-0.025
14.644	-0.025
14.667	-0.025
14.689	-0.025
14.711	-0.025
14.733	-0.025
14.756	-0.025
14.778	-0.025
14.800	-0.025
14.822	-0.025
14.844	-0.025
14.867	-0.025
14.889	-0.025
14.911	-0.025
14.933	-0.025
14.956	-0.025
14.978	-0.025

15.000	-0.025
15.022	-0.025
15.044	-0.025
15.067	-0.025
15.089	-0.025
15.111	-0.025
15.133	-0.026
15.156	-0.026
15.178	-0.026
15.200	-0.026
15.222	-0.026
15.244	-0.026
15.267	-0.026
15.289	-0.026
15.311	-0.026
15.333	-0.026
15.356	-0.026
15.378	-0.026
15.400	-0.026
15.422	-0.026
15.444	-0.026
15.467	-0.026
15.489	-0.026
15.511	-0.026
15.533	-0.026
15.556	-0.026
15.578	-0.026
15.600	-0.026
15.622	-0.026
15.644	-0.026
15.667	-0.026
15.689	-0.026
15.711	-0.026
15.733	-0.026
15.756	-0.026
15.778	-0.026
15.800	-0.026
15.822	-0.026
15.844	-0.026
15.867	-0.026
15.889	-0.026
15.911	-0.026
15.933	-0.026
15.956	-0.026
15.978	-0.027
16.000	-0.027
16.022	-0.027
16.044	-0.027
16.067	-0.027
16.089	-0.027
16.111	-0.027
16.133	-0.027
16.156	-0.027
16.178	-0.027
16.200	-0.027
16.222	-0.027
16.244	-0.028
16.267	-0.028
16.289	-0.028
16.311	-0.028
16.333	-0.028
16.356	-0.028
16.378	-0.028
16.400	-0.028
16.422	-0.028

16.444	-0.028
16.467	-0.028
16.489	-0.028
16.511	-0.028
16.533	-0.028
16.556	-0.028
16.578	-0.028
16.600	-0.028
16.622	-0.028
16.644	-0.028
16.667	-0.028
16.689	-0.028
16.711	-0.028
16.733	-0.028
16.756	-0.028
16.778	-0.028
16.800	-0.028
16.822	-0.028
16.844	-0.029
16.867	-0.029
16.889	-0.029
16.911	-0.029
16.933	-0.029
16.956	-0.029
16.978	-0.029
17.000	-0.029
17.022	-0.029
17.044	-0.029
17.067	-0.029
17.089	-0.029
17.111	-0.029
17.133	-0.029
17.156	-0.029
17.178	-0.029
17.200	-0.029
17.222	-0.029
17.244	-0.029
17.267	-0.029
17.289	-0.029
17.311	-0.029
17.333	-0.029
17.356	-0.029
17.378	-0.029
17.400	-0.029
17.422	-0.029
17.444	-0.029
17.467	-0.029
17.489	-0.029
17.511	-0.029
17.533	-0.029
17.556	-0.029
17.578	-0.029
17.600	-0.029
17.622	-0.029
17.644	-0.029
17.667	-0.029
17.689	-0.029
17.711	-0.029
17.733	-0.029
17.756	-0.029
17.778	-0.030
17.800	-0.030
17.822	-0.030
17.844	-0.030
17.867	-0.030

17.889	-0.030
17.911	-0.030
17.933	-0.030
17.956	-0.030
17.978	-0.030
18.000	-0.030
18.022	-0.030
18.044	-0.030
18.067	-0.030
18.089	-0.030
18.111	-0.030
18.133	-0.030
18.156	-0.030
18.178	-0.030
18.200	-0.030
18.222	-0.030
18.244	-0.030
18.267	-0.030
18.289	-0.030
18.311	-0.030
18.333	-0.030
18.356	-0.030
18.378	-0.030
18.400	-0.030
18.422	-0.030
18.444	-0.030
18.467	-0.030
18.489	-0.030
18.511	-0.030
18.533	-0.030
18.556	-0.030
18.578	-0.030
18.600	-0.030
18.622	-0.030
18.644	-0.030
18.667	-0.030
18.689	-0.030
18.711	-0.030
18.733	-0.030
18.756	-0.031
18.778	-0.031
18.800	-0.031
18.822	-0.031
18.844	-0.031
18.867	-0.031
18.889	-0.031
18.911	-0.031
18.933	-0.031
18.956	-0.031
18.978	-0.031
19.000	-0.031
19.022	-0.031
19.044	-0.031
19.067	-0.031
19.089	-0.031
19.111	-0.031
19.133	-0.031
19.156	-0.031
19.178	-0.031
19.200	-0.031
19.222	-0.031
19.244	-0.031
19.267	-0.031
19.289	-0.031
19.311	-0.031

19.333	-0.031
19.356	-0.031
19.378	-0.031
19.400	-0.031
19.422	-0.031
19.444	-0.031
19.467	-0.031
19.489	-0.031
19.511	-0.031
19.533	-0.031
19.556	-0.031
19.578	-0.031
19.600	-0.031
19.622	-0.031
19.644	-0.031
19.667	-0.031
19.689	-0.031
19.711	-0.031
19.733	-0.031
19.756	-0.031
19.778	-0.031
19.800	-0.031
19.822	-0.031
19.844	-0.032
19.867	-0.032
19.889	-0.032
19.911	-0.032
19.933	-0.032
19.956	-0.032
19.978	-0.032
20.000	-0.032
20.022	-0.032
20.044	-0.032
20.067	-0.032
20.089	-0.032
20.111	-0.032
20.133	-0.032
20.156	-0.032
20.178	-0.032
20.200	-0.032
20.222	-0.032
20.244	-0.032
20.267	-0.032
20.289	-0.032
20.311	-0.032
20.333	-0.032
20.356	-0.032
20.378	-0.032
20.400	-0.032
20.422	-0.032
20.444	-0.032
20.467	-0.032
20.489	-0.032
20.511	-0.032
20.533	-0.032
20.556	-0.032
20.578	-0.032
20.600	-0.032
20.622	-0.032
20.644	-0.032
20.667	-0.032
20.689	-0.032
20.711	-0.032
20.733	-0.032
20.756	-0.032

20.778	-0.032
20.800	-0.032
20.822	-0.032
20.844	-0.032
20.867	-0.032
20.889	-0.032
20.911	-0.032
20.933	-0.032
20.956	-0.032
20.978	-0.032
21.000	-0.032
21.022	-0.032
21.044	-0.033
21.067	-0.033
21.089	-0.033
21.111	-0.033
21.133	-0.033
21.156	-0.033
21.178	-0.033
21.200	-0.033
21.222	-0.033
21.244	-0.033
21.267	-0.033
21.289	-0.033
21.311	-0.033
21.333	-0.033
21.356	-0.033
21.378	-0.033
21.400	-0.033
21.422	-0.033
21.444	-0.033
21.467	-0.033
21.489	-0.033
21.511	-0.033
21.533	-0.033
21.556	-0.033
21.578	-0.033
21.600	-0.033
21.622	-0.033
21.644	-0.033
21.667	-0.033
21.689	-0.033
21.711	-0.033
21.733	-0.033
21.756	-0.033
21.778	-0.033
21.800	-0.033
21.822	-0.033
21.844	-0.033
21.867	-0.033
21.889	-0.033
21.911	-0.033
21.933	-0.033
21.956	-0.033
21.978	-0.033
22.000	-0.033
22.022	-0.033
22.044	-0.033
22.067	-0.033
22.089	-0.033
22.111	-0.033
22.133	-0.033
22.156	-0.033
22.178	-0.033
22.200	-0.033

22.222	-0.033
22.244	-0.033
22.267	-0.033
22.289	-0.033
22.311	-0.033
22.333	-0.033
22.356	-0.033
22.378	-0.034
22.400	-0.034
22.422	-0.034
22.444	-0.034
22.467	-0.034
22.489	-0.034
22.511	-0.034
22.533	-0.034
22.556	-0.034
22.578	-0.034
22.600	-0.034
22.622	-0.034
22.644	-0.034
22.667	-0.034
22.689	-0.034
22.711	-0.034
22.733	-0.034
22.756	-0.034
22.778	-0.034
22.800	-0.034
22.822	-0.034
22.844	-0.034
22.867	-0.034
22.889	-0.034
22.911	-0.034
22.933	-0.034
22.956	-0.034
22.978	-0.034
23.000	-0.034
23.022	-0.034
23.044	-0.034
23.067	-0.034
23.089	-0.034
23.111	-0.034
23.133	-0.034
23.156	-0.034
23.178	-0.034
23.200	-0.034
23.222	-0.034
23.244	-0.034
23.267	-0.034
23.289	-0.034
23.311	-0.034
23.333	-0.034
23.356	-0.034
23.378	-0.034
23.400	-0.034
23.422	-0.034
23.444	-0.034
23.467	-0.034
23.489	-0.034
23.511	-0.034
23.533	-0.034
23.556	-0.034
23.578	-0.034
23.600	-0.034
23.622	-0.034
23.644	-0.034

23.667	-0.034
23.689	-0.034
23.711	-0.034
23.733	-0.034
23.756	-0.034
23.778	-0.034
23.800	-0.034
23.822	-0.034
23.844	-0.035
23.867	-0.035
23.889	-0.035
23.911	-0.035
23.933	-0.035
23.956	-0.035
23.978	-0.035
24.000	-0.035
24.022	-0.035
24.044	-0.035
24.067	-0.036
24.089	-0.037
24.111	-0.038
24.133	-0.039
24.156	-0.040
24.178	-0.041
24.200	-0.042
24.222	-0.042
24.244	-0.043
24.267	-0.043
24.289	-0.044
24.311	-0.044
24.333	-0.044
24.356	-0.045
24.378	-0.045
24.400	-0.045
24.422	-0.045
24.444	-0.046
24.467	-0.046
24.489	-0.046
24.511	-0.046
24.533	-0.046
24.556	-0.046
24.578	-0.046
24.600	-0.047
24.622	-0.047
24.644	-0.047
24.667	-0.047
24.689	-0.047
24.711	-0.047
24.733	-0.047
24.756	-0.047
24.778	-0.047
24.800	-0.047
24.822	-0.047
24.844	-0.047
24.867	-0.047
24.889	-0.047
24.911	-0.047
24.933	-0.047
24.956	-0.047
24.978	-0.047
25.000	-0.047
25.022	-0.047
25.044	-0.047
25.067	-0.047
25.089	-0.047

25.111	-0.047
25.133	-0.047
25.156	-0.047
25.178	-0.047
25.200	-0.047
25.222	-0.047
25.244	-0.048
25.267	-0.048
25.289	-0.048
25.311	-0.048
25.333	-0.048
25.356	-0.048
25.378	-0.048
25.400	-0.048
25.422	-0.048
25.444	-0.048
25.467	-0.048
25.489	-0.048
25.511	-0.048
25.533	-0.048
25.556	-0.048
25.578	-0.048
25.600	-0.048
25.622	-0.048
25.644	-0.048
25.667	-0.048
25.689	-0.048
25.711	-0.048
25.733	-0.048
25.756	-0.048
25.778	-0.048
25.800	-0.048
25.822	-0.048
25.844	-0.048
25.867	-0.048
25.889	-0.048
25.911	-0.048
25.933	-0.048
25.956	-0.048
25.978	-0.048
26.000	-0.048
26.022	-0.048
26.044	-0.048
26.067	-0.048
26.089	-0.048
26.111	-0.048
26.133	-0.048
26.156	-0.048
26.178	-0.048
26.200	-0.048
26.222	-0.048
26.244	-0.048
26.267	-0.048
26.289	-0.049
26.311	-0.049
26.333	-0.049
26.356	-0.049
26.378	-0.049
26.400	-0.049
26.422	-0.049
26.444	-0.049
26.467	-0.049
26.489	-0.049
26.511	-0.049
26.533	-0.049

26.556	-0.049
26.578	-0.049
26.600	-0.049
26.622	-0.049
26.644	-0.049
26.667	-0.049
26.689	-0.049
26.711	-0.049
26.733	-0.049
26.756	-0.049
26.778	-0.049
26.800	-0.049
26.822	-0.049
26.844	-0.049
26.867	-0.049
26.889	-0.049
26.911	-0.049
26.933	-0.049
26.956	-0.049
26.978	-0.049
27.000	-0.049
27.022	-0.049
27.044	-0.049
27.067	-0.049
27.089	-0.049
27.111	-0.049
27.133	-0.049
27.156	-0.049
27.178	-0.049
27.200	-0.049
27.222	-0.049
27.244	-0.049
27.267	-0.049
27.289	-0.049
27.311	-0.049
27.333	-0.049
27.356	-0.049
27.378	-0.049
27.400	-0.049
27.422	-0.049
27.444	-0.050
27.467	-0.050
27.489	-0.050
27.511	-0.050
27.533	-0.050
27.556	-0.050
27.578	-0.050
27.600	-0.050
27.622	-0.050
27.644	-0.050
27.667	-0.050
27.689	-0.050
27.711	-0.050
27.733	-0.050
27.756	-0.050
27.778	-0.050
27.800	-0.050
27.822	-0.050
27.844	-0.050
27.867	-0.050
27.889	-0.050
27.911	-0.050
27.933	-0.050
27.956	-0.050
27.978	-0.050

28.000	-0.050
28.022	-0.050
28.044	-0.050
28.067	-0.050
28.089	-0.050
28.111	-0.050
28.133	-0.050
28.156	-0.050
28.178	-0.050
28.200	-0.050
28.222	-0.050
28.244	-0.050
28.267	-0.050
28.289	-0.050
28.311	-0.050
28.333	-0.050
28.356	-0.050
28.378	-0.050
28.400	-0.050
28.422	-0.050
28.444	-0.050
28.467	-0.050
28.489	-0.050
28.511	-0.050
28.533	-0.050
28.556	-0.050
28.578	-0.050
28.600	-0.050
28.622	-0.050
28.644	-0.050
28.667	-0.050
28.689	-0.050
28.711	-0.050
28.733	-0.051
28.756	-0.051
28.778	-0.051
28.800	-0.051
28.822	-0.051
28.844	-0.051
28.867	-0.051
28.889	-0.051
28.911	-0.051
28.933	-0.051
28.956	-0.051
28.978	-0.051
29.000	-0.051
29.022	-0.051
29.044	-0.051
29.067	-0.051
29.089	-0.051
29.111	-0.051
29.133	-0.051
29.156	-0.051
29.178	-0.051
29.200	-0.051
29.222	-0.051
29.244	-0.051
29.267	-0.051
29.289	-0.051
29.311	-0.051
29.333	-0.051
29.356	-0.051
29.378	-0.051
29.400	-0.051
29.422	-0.051

29.444	-0.051
29.467	-0.051
29.489	-0.051
29.511	-0.051
29.533	-0.051
29.556	-0.051
29.578	-0.051
29.600	-0.051
29.622	-0.051
29.644	-0.051
29.667	-0.051
29.689	-0.051
29.711	-0.051
29.733	-0.051
29.756	-0.051
29.778	-0.051
29.800	-0.051
29.822	-0.051
29.844	-0.051
29.867	-0.051
29.889	-0.051
29.911	-0.051
29.933	-0.051
29.956	-0.051
29.978	-0.051
30.000	-0.051
30.022	-0.051
30.044	-0.051
30.067	-0.051
30.089	-0.051
30.111	-0.051
30.133	-0.051
30.156	-0.051
30.178	-0.052
30.200	-0.052
30.222	-0.052
30.244	-0.052
30.267	-0.052
30.289	-0.052
30.311	-0.052
30.333	-0.052
30.356	-0.052
30.378	-0.052
30.400	-0.052
30.422	-0.052
30.444	-0.052
30.467	-0.052
30.489	-0.052
30.511	-0.052
30.533	-0.052
30.556	-0.052
30.578	-0.052
30.600	-0.052
30.622	-0.052
30.644	-0.052
30.667	-0.052
30.689	-0.052
30.711	-0.052
30.733	-0.052
30.756	-0.052
30.778	-0.052
30.800	-0.052
30.822	-0.052
30.844	-0.052
30.867	-0.052

30.889	-0.052
30.911	-0.052
30.933	-0.052
30.956	-0.052
30.978	-0.052
31.000	-0.052
31.022	-0.052
31.044	-0.052
31.067	-0.052
31.089	-0.052
31.111	-0.052
31.133	-0.052
31.156	-0.052
31.178	-0.052
31.200	-0.052
31.222	-0.052
31.244	-0.052
31.267	-0.052
31.289	-0.052
31.311	-0.052
31.333	-0.052
31.356	-0.052
31.378	-0.052
31.400	-0.052
31.422	-0.052
31.444	-0.052
31.467	-0.052
31.489	-0.052
31.511	-0.052
31.533	-0.052
31.556	-0.052
31.578	-0.052
31.600	-0.052
31.622	-0.052
31.644	-0.052
31.667	-0.052
31.689	-0.052
31.711	-0.052
31.733	-0.052
31.756	-0.052
31.778	-0.052
31.800	-0.052
31.822	-0.052
31.844	-0.053
31.867	-0.053
31.889	-0.053
31.911	-0.053
31.933	-0.053
31.956	-0.053
31.978	-0.053
32.000	-0.053
32.022	-0.055
32.044	-0.059
32.067	-0.068
32.089	-0.080
32.111	-0.095
32.133	-0.109
32.156	-0.122
32.178	-0.133
32.200	-0.142
32.222	-0.150
32.244	-0.156
32.267	-0.162
32.289	-0.167
32.311	-0.172

32.333	-0.176
32.356	-0.179
32.378	-0.182
32.400	-0.185
32.422	-0.188
32.444	-0.190
32.467	-0.192
32.489	-0.194
32.511	-0.196
32.533	-0.197
32.556	-0.199
32.578	-0.200
32.600	-0.201
32.622	-0.202
32.644	-0.203
32.667	-0.203
32.689	-0.204
32.711	-0.205
32.733	-0.205
32.756	-0.206
32.778	-0.206
32.800	-0.206
32.822	-0.206
32.844	-0.207
32.867	-0.207
32.889	-0.207
32.911	-0.207
32.933	-0.207
32.956	-0.207
32.978	-0.208
33.000	-0.208
33.022	-0.208
33.044	-0.208
33.067	-0.208
33.089	-0.208
33.111	-0.208
33.133	-0.209
33.156	-0.209
33.178	-0.209
33.200	-0.209
33.222	-0.209
33.244	-0.209
33.267	-0.174
33.289	-0.122
33.311	-0.106
33.333	-0.108
33.356	-0.110
33.378	-0.111
33.400	-0.112
33.422	-0.113
33.444	-0.114
33.467	-0.114
33.489	-0.115
33.511	-0.115
33.533	-0.115
33.556	-0.115
33.578	-0.116
33.600	-0.116
33.622	-0.116
33.644	-0.116
33.667	-0.116
33.689	-0.116
33.711	-0.116
33.733	-0.116
33.756	-0.116

33.778	-0.116
33.800	-0.116
33.822	-0.116
33.844	-0.116
33.867	-0.116
33.889	-0.116
33.911	-0.116
33.933	-0.116
33.956	-0.116
33.978	-0.116
34.000	-0.116
34.022	-0.116
34.044	-0.116
34.067	-0.116
34.089	-0.116
34.111	-0.116
34.133	-0.116
34.156	-0.116
34.178	-0.116
34.200	-0.116
34.222	-0.116
34.244	-0.116
34.267	-0.116
34.289	-0.116
34.311	-0.116
34.333	-0.116
34.356	-0.116
34.378	-0.116
34.400	-0.116
34.422	-0.115
34.444	-0.115
34.467	-0.115
34.489	-0.115
34.511	-0.115
34.533	-0.115
34.556	-0.115
34.578	-0.115
34.600	-0.115
34.622	-0.115
34.644	-0.115
34.667	-0.115
34.689	-0.115
34.711	-0.115
34.733	-0.115
34.756	-0.115
34.778	-0.115
34.800	-0.115
34.822	-0.115
34.844	-0.115
34.867	-0.115
34.889	-0.115
34.911	-0.115
34.933	-0.114
34.956	-0.114
34.978	-0.114
35.000	-0.114
35.022	-0.114
35.044	-0.114
35.067	-0.114
35.089	-0.114
35.111	-0.114
35.133	-0.114
35.156	-0.114
35.178	-0.114
35.200	-0.114

35.222	-0.114
35.244	-0.114
35.267	-0.114
35.289	-0.114
35.311	-0.114
35.333	-0.114
35.356	-0.114
35.378	-0.114
35.400	-0.114
35.422	-0.114
35.444	-0.114
35.467	-0.114
35.489	-0.114
35.511	-0.114
35.533	-0.114
35.556	-0.114
35.578	-0.114
35.600	-0.114
35.622	-0.114
35.644	-0.113
35.667	-0.113
35.689	-0.113
35.711	-0.113
35.733	-0.113
35.756	-0.113
35.778	-0.113
35.800	-0.113
35.822	-0.113
35.844	-0.113
35.867	-0.113
35.889	-0.113
35.911	-0.113
35.933	-0.113
35.956	-0.113
35.978	-0.113
36.000	-0.113
36.022	-0.113
36.044	-0.113
36.067	-0.113
36.089	-0.113
36.111	-0.113
36.133	-0.113
36.156	-0.113
36.178	-0.113
36.200	-0.113
36.222	-0.113
36.244	-0.113
36.267	-0.113
36.289	-0.113
36.311	-0.113
36.333	-0.113
36.356	-0.113
36.378	-0.113
36.400	-0.113
36.422	-0.113
36.444	-0.113
36.467	-0.113
36.489	-0.113
36.511	-0.113
36.533	-0.113
36.556	-0.112
36.578	-0.112
36.600	-0.112
36.622	-0.112
36.644	-0.112

36.667	-0.112
36.689	-0.112
36.711	-0.112
36.733	-0.112
36.756	-0.112
36.778	-0.112
36.800	-0.112
36.822	-0.112
36.844	-0.112
36.867	-0.112
36.889	-0.112
36.911	-0.112
36.933	-0.112
36.956	-0.112
36.978	-0.112
37.000	-0.112
37.022	-0.112
37.044	-0.112
37.067	-0.112
37.089	-0.112
37.111	-0.112
37.133	-0.112
37.156	-0.112
37.178	-0.112
37.200	-0.112
37.222	-0.112
37.244	-0.112
37.267	-0.112
37.289	-0.112
37.311	-0.112
37.333	-0.112
37.356	-0.112
37.378	-0.112
37.400	-0.112
37.422	-0.112
37.444	-0.112
37.467	-0.112
37.489	-0.112
37.511	-0.112
37.533	-0.112
37.556	-0.112
37.578	-0.112
37.600	-0.112
37.622	-0.112
37.644	-0.112
37.667	-0.112
37.689	-0.112
37.711	-0.112
37.733	-0.112
37.756	-0.112
37.778	-0.112
37.800	-0.111
37.822	-0.111
37.844	-0.111
37.867	-0.111
37.889	-0.111
37.911	-0.111
37.933	-0.111
37.956	-0.111
37.978	-0.111
38.000	-0.111
38.022	-0.111
38.044	-0.111
38.067	-0.111
38.089	-0.111

38.111	-0.111
38.133	-0.111
38.156	-0.111
38.178	-0.111
38.200	-0.111
38.222	-0.111
38.244	-0.111
38.267	-0.111
38.289	-0.111
38.311	-0.111
38.333	-0.111
38.356	-0.111
38.378	-0.111
38.400	-0.111
38.422	-0.111
38.444	-0.111
38.467	-0.111
38.489	-0.111
38.511	-0.111
38.533	-0.111
38.556	-0.111
38.578	-0.111
38.600	-0.111
38.622	-0.111
38.644	-0.111
38.667	-0.111
38.689	-0.111
38.711	-0.111
38.733	-0.111
38.756	-0.111
38.778	-0.111
38.800	-0.111
38.822	-0.111
38.844	-0.111
38.867	-0.111
38.889	-0.111
38.911	-0.111
38.933	-0.111
38.956	-0.111
38.978	-0.111
39.000	-0.111
39.022	-0.111
39.044	-0.111
39.067	-0.111
39.089	-0.111
39.111	-0.111
39.133	-0.111
39.156	-0.111
39.178	-0.111
39.200	-0.111
39.222	-0.111
39.244	-0.111
39.267	-0.111
39.289	-0.111
39.311	-0.111
39.333	-0.111
39.356	-0.111
39.378	-0.111
39.400	-0.111
39.422	-0.111
39.444	-0.111
39.467	-0.111
39.489	-0.111
39.511	-0.111
39.533	-0.111

39.556	-0.111
39.578	-0.111
39.600	-0.110
39.622	-0.110
39.644	-0.110
39.667	-0.110
39.689	-0.110
39.711	-0.110
39.733	-0.110
39.756	-0.110
39.778	-0.110
39.800	-0.110
39.822	-0.110
39.844	-0.110
39.867	-0.110
39.889	-0.110
39.911	-0.110
39.933	-0.110
39.956	-0.110
39.978	-0.110
40.000	-0.110
40.022	-0.110
40.044	-0.110
40.067	-0.110
40.089	-0.110
40.111	-0.109
40.133	-0.109
40.156	-0.108
40.178	-0.107
40.200	-0.106
40.222	-0.105
40.244	-0.105
40.267	-0.104
40.289	-0.103
40.311	-0.102
40.333	-0.101
40.356	-0.100
40.378	-0.100
40.400	-0.099
40.422	-0.098
40.444	-0.098
40.467	-0.097
40.489	-0.096
40.511	-0.096
40.533	-0.095
40.556	-0.094
40.578	-0.094
40.600	-0.093
40.622	-0.093
40.644	-0.092
40.667	-0.092
40.689	-0.091
40.711	-0.091
40.733	-0.090
40.756	-0.090
40.778	-0.089
40.800	-0.089
40.822	-0.089
40.844	-0.088
40.867	-0.088
40.889	-0.087
40.911	-0.087
40.933	-0.087
40.956	-0.086
40.978	-0.086

41.000	-0.086
41.022	-0.085
41.044	-0.085
41.067	-0.085
41.089	-0.084
41.111	-0.084
41.133	-0.084
41.156	-0.083
41.178	-0.083
41.200	-0.083
41.222	-0.083
41.244	-0.082
41.267	-0.082
41.289	-0.082
41.311	-0.082
41.333	-0.081
41.356	-0.081
41.378	-0.081
41.400	-0.081
41.422	-0.080
41.444	-0.080
41.467	-0.080
41.489	-0.080
41.511	-0.079
41.533	-0.079
41.556	-0.079
41.578	-0.079
41.600	-0.078
41.622	-0.078
41.644	-0.078
41.667	-0.078
41.689	-0.078
41.711	-0.077
41.733	-0.077
41.756	-0.077
41.778	-0.077
41.800	-0.077
41.822	-0.076
41.844	-0.076
41.867	-0.076
41.889	-0.076
41.911	-0.076
41.933	-0.075
41.956	-0.075
41.978	-0.075
42.000	-0.075
42.022	-0.075
42.044	-0.075
42.067	-0.074
42.089	-0.074
42.111	-0.074
42.133	-0.074
42.156	-0.074
42.178	-0.074
42.200	-0.073
42.222	-0.073
42.244	-0.073
42.267	-0.073
42.289	-0.073
42.311	-0.073
42.333	-0.072
42.356	-0.072
42.378	-0.072
42.400	-0.072
42.422	-0.072

42.444	-0.072
42.467	-0.071
42.489	-0.071
42.511	-0.071
42.533	-0.071
42.556	-0.071
42.578	-0.071
42.600	-0.071
42.622	-0.070
42.644	-0.070
42.667	-0.070
42.689	-0.070
42.711	-0.070
42.733	-0.070
42.756	-0.070
42.778	-0.070
42.800	-0.069
42.822	-0.069
42.844	-0.069
42.867	-0.069
42.889	-0.069
42.911	-0.069
42.933	-0.069
42.956	-0.068
42.978	-0.068
43.000	-0.068
43.022	-0.068
43.044	-0.068
43.067	-0.068
43.089	-0.068
43.111	-0.068
43.133	-0.067
43.156	-0.067
43.178	-0.067
43.200	-0.067
43.222	-0.067
43.244	-0.067
43.267	-0.067
43.289	-0.067
43.311	-0.067
43.333	-0.066
43.356	-0.066
43.378	-0.066
43.400	-0.066
43.422	-0.066
43.444	-0.066
43.467	-0.066
43.489	-0.066
43.511	-0.066
43.533	-0.065
43.556	-0.065
43.578	-0.065
43.600	-0.065
43.622	-0.065
43.644	-0.065
43.667	-0.065
43.689	-0.065
43.711	-0.065
43.733	-0.065
43.756	-0.064
43.778	-0.064
43.800	-0.064
43.822	-0.064
43.844	-0.064
43.867	-0.064

43.889	-0.064
43.911	-0.064
43.933	-0.064
43.956	-0.064
43.978	-0.064
44.000	-0.063
44.022	-0.063
44.044	-0.063
44.067	-0.063
44.089	-0.063
44.111	-0.063
44.133	-0.063
44.156	-0.063
44.178	-0.063
44.200	-0.063
44.222	-0.063
44.244	-0.062
44.267	-0.062
44.289	-0.062
44.311	-0.062
44.333	-0.062
44.356	-0.062
44.378	-0.062
44.400	-0.062
44.422	-0.062
44.444	-0.062
44.467	-0.062
44.489	-0.061
44.511	-0.061
44.533	-0.061
44.556	-0.061
44.578	-0.061
44.600	-0.061
44.622	-0.061
44.644	-0.061
44.667	-0.061
44.689	-0.061
44.711	-0.061
44.733	-0.061
44.756	-0.061
44.778	-0.060
44.800	-0.060
44.822	-0.060
44.844	-0.060
44.867	-0.060
44.889	-0.060
44.911	-0.060
44.933	-0.060
44.956	-0.060
44.978	-0.060
45.000	-0.060
45.022	-0.060
45.044	-0.060
45.067	-0.059
45.089	-0.059
45.111	-0.059
45.133	-0.059
45.156	-0.059
45.178	-0.059
45.200	-0.059
45.222	-0.059
45.244	-0.059
45.267	-0.059
45.289	-0.059
45.311	-0.059

45.333	-0.059
45.356	-0.059
45.378	-0.059
45.400	-0.058
45.422	-0.058
45.444	-0.058
45.467	-0.058
45.489	-0.058
45.511	-0.058
45.533	-0.058
45.556	-0.058
45.578	-0.058
45.600	-0.058
45.622	-0.058
45.644	-0.058
45.667	-0.058
45.689	-0.058
45.711	-0.058
45.733	-0.057
45.756	-0.057
45.778	-0.057
45.800	-0.057
45.822	-0.057
45.844	-0.057
45.867	-0.057
45.889	-0.057
45.911	-0.057
45.933	-0.057
45.956	-0.057
45.978	-0.057
46.000	-0.057
46.022	-0.057
46.044	-0.057
46.067	-0.057
46.089	-0.057
46.111	-0.056
46.133	-0.056
46.156	-0.056
46.178	-0.056
46.200	-0.056
46.222	-0.056
46.244	-0.056
46.267	-0.056
46.289	-0.056
46.311	-0.056
46.333	-0.056
46.356	-0.056
46.378	-0.056
46.400	-0.056
46.422	-0.056
46.444	-0.056
46.467	-0.056
46.489	-0.056
46.511	-0.055
46.533	-0.055
46.556	-0.055
46.578	-0.055
46.600	-0.055
46.622	-0.055
46.644	-0.055
46.667	-0.055
46.689	-0.055
46.711	-0.055
46.733	-0.055
46.756	-0.055

46.778	-0.055
46.800	-0.055
46.822	-0.055
46.844	-0.055
46.867	-0.055
46.889	-0.055
46.911	-0.055
46.933	-0.054
46.956	-0.054
46.978	-0.054
47.000	-0.054
47.022	-0.054
47.044	-0.054
47.067	-0.054
47.089	-0.054
47.111	-0.054
47.133	-0.054
47.156	-0.054
47.178	-0.054
47.200	-0.054
47.222	-0.054
47.244	-0.054
47.267	-0.054
47.289	-0.054
47.311	-0.054
47.333	-0.054
47.356	-0.054
47.378	-0.054
47.400	-0.053
47.422	-0.053
47.444	-0.053
47.467	-0.053
47.489	-0.053
47.511	-0.053
47.533	-0.053
47.556	-0.053
47.578	-0.053
47.600	-0.053
47.622	-0.053
47.644	-0.053
47.667	-0.053
47.689	-0.053
47.711	-0.053
47.733	-0.053
47.756	-0.053
47.778	-0.053
47.800	-0.053
47.822	-0.053
47.844	-0.053
47.867	-0.053
47.889	-0.053
47.911	-0.052
47.933	-0.052
47.956	-0.052
47.978	-0.052
48.000	-0.052
48.022	-0.052
48.044	-0.052
48.067	-0.052
48.089	-0.052
48.111	-0.052
48.133	-0.052
48.156	-0.052
48.178	-0.052
48.200	-0.053

48.222	-0.053
48.244	-0.053
48.267	-0.053
48.289	-0.053
48.311	-0.053
48.333	-0.053
48.356	-0.053
48.378	-0.053
48.400	-0.053
48.422	-0.053
48.444	-0.053
48.467	-0.053
48.489	-0.053
48.511	-0.053
48.533	-0.054
48.556	-0.054
48.578	-0.054
48.600	-0.054
48.622	-0.054
48.644	-0.054
48.667	-0.054
48.689	-0.054
48.711	-0.054
48.733	-0.054
48.756	-0.054
48.778	-0.054
48.800	-0.054
48.822	-0.054
48.844	-0.054
48.867	-0.054
48.889	-0.054
48.911	-0.054
48.933	-0.054
48.956	-0.054
48.978	-0.054
49.000	-0.054
49.022	-0.054
49.044	-0.054
49.067	-0.054
49.089	-0.054
49.111	-0.054
49.133	-0.054
49.156	-0.054
49.178	-0.054
49.200	-0.054
49.222	-0.054
49.244	-0.054
49.267	-0.054
49.289	-0.054
49.311	-0.054
49.333	-0.054
49.356	-0.054
49.378	-0.054
49.400	-0.054
49.422	-0.054
49.444	-0.054
49.467	-0.054
49.489	-0.054
49.511	-0.054
49.533	-0.054
49.556	-0.054
49.578	-0.054
49.600	-0.054
49.622	-0.054
49.644	-0.054

49.667	-0.054
49.689	-0.054
49.711	-0.054
49.733	-0.054
49.756	-0.054
49.778	-0.054
49.800	-0.054
49.822	-0.054
49.844	-0.054
49.867	-0.054
49.889	-0.054
49.911	-0.054
49.933	-0.054
49.956	-0.054
49.978	-0.054
50.000	-0.054
50.022	-0.054
50.044	-0.054
50.067	-0.054
50.089	-0.054
50.111	-0.054
50.133	-0.054
50.156	-0.054
50.178	-0.054
50.200	-0.054
50.222	-0.054
50.244	-0.054
50.267	-0.054
50.289	-0.054
50.311	-0.054
50.333	-0.054
50.356	-0.054
50.378	-0.054
50.400	-0.054
50.422	-0.054
50.444	-0.054
50.467	-0.054
50.489	-0.054
50.511	-0.054
50.533	-0.054
50.556	-0.054
50.578	-0.054
50.600	-0.054
50.622	-0.054
50.644	-0.054
50.667	-0.054
50.689	-0.054
50.711	-0.054
50.733	-0.054
50.756	-0.054
50.778	-0.054
50.800	-0.054
50.822	-0.054
50.844	-0.054
50.867	-0.054
50.889	-0.054
50.911	-0.054
50.933	-0.054
50.956	-0.054
50.978	-0.054
51.000	-0.054
51.022	-0.054
51.044	-0.054
51.067	-0.054
51.089	-0.054

51.111	-0.054
51.133	-0.054
51.156	-0.054
51.178	-0.054
51.200	-0.054
51.222	-0.054
51.244	-0.054
51.267	-0.054
51.289	-0.054
51.311	-0.054
51.333	-0.054
51.356	-0.054
51.378	-0.054
51.400	-0.054
51.422	-0.054
51.444	-0.054
51.467	-0.054
51.489	-0.054
51.511	-0.054
51.533	-0.054
51.556	-0.054
51.578	-0.054
51.600	-0.054
51.622	-0.054
51.644	-0.054
51.667	-0.054
51.689	-0.054
51.711	-0.054
51.733	-0.054
51.756	-0.054
51.778	-0.054
51.800	-0.054
51.822	-0.054
51.844	-0.054
51.867	-0.054
51.889	-0.054
51.911	-0.054
51.933	-0.054
51.956	-0.054
51.978	-0.054
52.000	-0.054
52.022	-0.054
52.044	-0.054
52.067	-0.054
52.089	-0.054
52.111	-0.054
52.133	-0.054
52.156	-0.053
52.178	-0.053
52.200	-0.053
52.222	-0.053
52.244	-0.053
52.267	-0.053
52.289	-0.053
52.311	-0.053
52.333	-0.053
52.356	-0.053
52.378	-0.053
52.400	-0.053
52.422	-0.053
52.444	-0.053
52.467	-0.053
52.489	-0.053
52.511	-0.053
52.533	-0.053

52.556	-0.053
52.578	-0.053
52.600	-0.053
52.622	-0.053
52.644	-0.053
52.667	-0.053
52.689	-0.053
52.711	-0.053
52.733	-0.053
52.756	-0.053
52.778	-0.053
52.800	-0.053
52.822	-0.053
52.844	-0.053
52.867	-0.053
52.889	-0.053
52.911	-0.053
52.933	-0.053
52.956	-0.053
52.978	-0.053
53.000	-0.053
53.022	-0.053
53.044	-0.053
53.067	-0.053
53.089	-0.053
53.111	-0.053
53.133	-0.053
53.156	-0.053
53.178	-0.053
53.200	-0.053
53.222	-0.053
53.244	-0.053
53.267	-0.053
53.289	-0.053
53.311	-0.053
53.333	-0.053
53.356	-0.053
53.378	-0.053
53.400	-0.053
53.422	-0.053
53.444	-0.053
53.467	-0.053
53.489	-0.053
53.511	-0.053
53.533	-0.053
53.556	-0.053
53.578	-0.053
53.600	-0.053
53.622	-0.053
53.644	-0.053
53.667	-0.053
53.689	-0.053
53.711	-0.053
53.733	-0.053
53.756	-0.053
53.778	-0.053
53.800	-0.053
53.822	-0.053
53.844	-0.053
53.867	-0.053
53.889	-0.053
53.911	-0.053
53.933	-0.053
53.956	-0.053
53.978	-0.053

54.000	-0.053
54.022	-0.053
54.044	-0.053
54.067	-0.053
54.089	-0.053
54.111	-0.053
54.133	-0.053
54.156	-0.053
54.178	-0.053
54.200	-0.053
54.222	-0.053
54.244	-0.053
54.267	-0.053
54.289	-0.053
54.311	-0.053
54.333	-0.053
54.356	-0.053
54.378	-0.053
54.400	-0.053
54.422	-0.053
54.444	-0.053
54.467	-0.053
54.489	-0.053
54.511	-0.053
54.533	-0.053
54.556	-0.053
54.578	-0.053
54.600	-0.053
54.622	-0.053
54.644	-0.053
54.667	-0.053
54.689	-0.053
54.711	-0.053
54.733	-0.053
54.756	-0.053
54.778	-0.053
54.800	-0.053
54.822	-0.053
54.844	-0.053
54.867	-0.053
54.889	-0.053
54.911	-0.053
54.933	-0.053
54.956	-0.053
54.978	-0.053
55.000	-0.052
55.022	-0.052
55.044	-0.052
55.067	-0.052
55.089	-0.052
55.111	-0.052
55.133	-0.052
55.156	-0.052
55.178	-0.052
55.200	-0.052
55.222	-0.052
55.244	-0.052
55.267	-0.052
55.289	-0.052
55.311	-0.052
55.333	-0.052
55.356	-0.052
55.378	-0.052
55.400	-0.052
55.422	-0.052

55.444	-0.052
55.467	-0.052
55.489	-0.052
55.511	-0.052
55.533	-0.052
55.556	-0.052
55.578	-0.052
55.600	-0.052
55.622	-0.052
55.644	-0.052
55.667	-0.052
55.689	-0.052
55.711	-0.052
55.733	-0.052
55.756	-0.052
55.778	-0.052
55.800	-0.052
55.822	-0.052
55.844	-0.052
55.867	-0.052
55.889	-0.052
55.911	-0.052
55.933	-0.052
55.956	-0.052
55.978	-0.052
56.000	-0.052
56.022	-0.052
56.044	-0.052
56.067	-0.052
56.089	-0.052
56.111	-0.052
56.133	-0.052
56.156	-0.052
56.178	-0.052
56.200	-0.052
56.222	-0.052
56.244	-0.052
56.267	-0.052
56.289	-0.052
56.311	-0.052
56.333	-0.052
56.356	-0.052
56.378	-0.052
56.400	-0.052
56.422	-0.052
56.444	-0.052
56.467	-0.052
56.489	-0.052
56.511	-0.052
56.533	-0.052
56.556	-0.052
56.578	-0.052
56.600	-0.052
56.622	-0.052
56.644	-0.052
56.667	-0.052
56.689	-0.052
56.711	-0.052
56.733	-0.052
56.756	-0.052
56.778	-0.052
56.800	-0.052
56.822	-0.052
56.844	-0.052
56.867	-0.052

56.889	-0.052
56.911	-0.052
56.933	-0.052
56.956	-0.052
56.978	-0.052
57.000	-0.052
57.022	-0.052
57.044	-0.052
57.067	-0.052
57.089	-0.052
57.111	-0.052
57.133	-0.052
57.156	-0.052
57.178	-0.052
57.200	-0.052
57.222	-0.052
57.244	-0.052
57.267	-0.052
57.289	-0.052
57.311	-0.052
57.333	-0.052
57.356	-0.052
57.378	-0.052
57.400	-0.052
57.422	-0.052
57.444	-0.052
57.467	-0.052
57.489	-0.052
57.511	-0.052
57.533	-0.052
57.556	-0.052
57.578	-0.052
57.600	-0.052
57.622	-0.052
57.644	-0.052
57.667	-0.052
57.689	-0.052
57.711	-0.052
57.733	-0.052
57.756	-0.052
57.778	-0.052
57.800	-0.052
57.822	-0.052
57.844	-0.052
57.867	-0.052
57.889	-0.052
57.911	-0.052
57.933	-0.052
57.956	-0.052
57.978	-0.052
58.000	-0.052
58.022	-0.052
58.044	-0.052
58.067	-0.052
58.089	-0.052
58.111	-0.052
58.133	-0.052
58.156	-0.052
58.178	-0.052
58.200	-0.052
58.222	-0.052
58.244	-0.052
58.267	-0.052
58.289	-0.052
58.311	-0.052

58.333	-0.052
58.356	-0.052
58.378	-0.052
58.400	-0.052
58.422	-0.051
58.444	-0.051
58.467	-0.051
58.489	-0.051
58.511	-0.051
58.533	-0.051
58.556	-0.051
58.578	-0.051
58.600	-0.051
58.622	-0.051
58.644	-0.051
58.667	-0.051
58.689	-0.051
58.711	-0.051
58.733	-0.051
58.756	-0.051
58.778	-0.051
58.800	-0.051
58.822	-0.051
58.844	-0.051
58.867	-0.051
58.889	-0.051
58.911	-0.051
58.933	-0.051
58.956	-0.051
58.978	-0.051
59.000	-0.051
59.022	-0.051
59.044	-0.051
59.067	-0.051
59.089	-0.051
59.111	-0.051
59.133	-0.051
59.156	-0.051
59.178	-0.051
59.200	-0.051
59.222	-0.051
59.244	-0.051
59.267	-0.051
59.289	-0.051
59.311	-0.051
59.333	-0.051
59.356	-0.051
59.378	-0.051
59.400	-0.051
59.422	-0.051
59.444	-0.051
59.467	-0.051
59.489	-0.051
59.511	-0.051
59.533	-0.051
59.556	-0.051
59.578	-0.051
59.600	-0.051
59.622	-0.051
59.644	-0.051
59.667	-0.051
59.689	-0.051
59.711	-0.051
59.733	-0.051
59.756	-0.051

59.778	-0.051
59.800	-0.051
59.822	-0.051
59.844	-0.051
59.867	-0.051
59.889	-0.051
59.911	-0.051
59.933	-0.051
59.956	-0.051
59.978	-0.051
60.000	-0.051
60.022	-0.051
60.044	-0.051
60.067	-0.051
60.089	-0.051
60.111	-0.051
60.133	-0.051
60.156	-0.051
60.178	-0.051
60.200	-0.051
60.222	-0.051
60.244	-0.051
60.267	-0.051
60.289	-0.051
60.311	-0.051
60.333	-0.051
60.356	-0.051
60.378	-0.051
60.400	-0.051
60.422	-0.051
60.444	-0.051
60.467	-0.051
60.489	-0.051
60.511	-0.051
60.533	-0.051
60.556	-0.051
60.578	-0.051
60.600	-0.051
60.622	-0.051
60.644	-0.051
60.667	-0.051
60.689	-0.051
60.711	-0.051
60.733	-0.051
60.756	-0.051
60.778	-0.051
60.800	-0.051
60.822	-0.051
60.844	-0.051
60.867	-0.051
60.889	-0.051
60.911	-0.051
60.933	-0.051
60.956	-0.051
60.978	-0.051
61.000	-0.051
61.022	-0.051
61.044	-0.051
61.067	-0.051
61.089	-0.051
61.111	-0.051
61.133	-0.051
61.156	-0.051
61.178	-0.051
61.200	-0.051

61.222	-0.051
61.244	-0.051
61.267	-0.051
61.289	-0.051
61.311	-0.051
61.333	-0.051
61.356	-0.051
61.378	-0.051
61.400	-0.051
61.422	-0.051
61.444	-0.051
61.467	-0.051
61.489	-0.051
61.511	-0.051
61.533	-0.051
61.556	-0.051
61.578	-0.051
61.600	-0.051
61.622	-0.051
61.644	-0.051
61.667	-0.051
61.689	-0.051
61.711	-0.051
61.733	-0.051
61.756	-0.051
61.778	-0.051
61.800	-0.051
61.822	-0.051
61.844	-0.051
61.867	-0.051
61.889	-0.051
61.911	-0.051
61.933	-0.051
61.956	-0.051
61.978	-0.051
62.000	-0.051
62.022	-0.051
62.044	-0.051
62.067	-0.051
62.089	-0.051
62.111	-0.051
62.133	-0.051
62.156	-0.051
62.178	-0.051
62.200	-0.051
62.222	-0.051
62.244	-0.051
62.267	-0.051
62.289	-0.051
62.311	-0.051
62.333	-0.051
62.356	-0.051
62.378	-0.051
62.400	-0.051
62.422	-0.051
62.444	-0.051
62.467	-0.051
62.489	-0.051
62.511	-0.051
62.533	-0.051
62.556	-0.051
62.578	-0.051
62.600	-0.051
62.622	-0.051
62.644	-0.051

62.667	-0.051
62.689	-0.051
62.711	-0.051
62.733	-0.051
62.756	-0.051
62.778	-0.051
62.800	-0.051
62.822	-0.051
62.844	-0.051
62.867	-0.051
62.889	-0.051
62.911	-0.051
62.933	-0.051
62.956	-0.051
62.978	-0.051
63.000	-0.051
63.022	-0.051
63.044	-0.051
63.067	-0.051
63.089	-0.051
63.111	-0.051
63.133	-0.051
63.156	-0.051
63.178	-0.051
63.200	-0.051
63.222	-0.051
63.244	-0.050
63.267	-0.050
63.289	-0.050
63.311	-0.050
63.333	-0.050
63.356	-0.050
63.378	-0.050
63.400	-0.050
63.422	-0.050
63.444	-0.050
63.467	-0.050
63.489	-0.050
63.511	-0.050
63.533	-0.050
63.556	-0.050
63.578	-0.050
63.600	-0.050
63.622	-0.050
63.644	-0.050
63.667	-0.050
63.689	-0.050
63.711	-0.050
63.733	-0.050
63.756	-0.050
63.778	-0.050
63.800	-0.050
63.822	-0.050
63.844	-0.050
63.867	-0.050
63.889	-0.050
63.911	-0.050
63.933	-0.050
63.956	-0.050
63.978	-0.050
64.000	-0.050
64.022	-0.050
64.044	-0.050
64.067	-0.050
64.089	-0.050

64.111	-0.050
64.133	-0.050
64.156	-0.050
64.178	-0.050
64.200	-0.050
64.222	-0.050
64.244	-0.050
64.267	-0.050
64.289	-0.050
64.311	-0.050
64.333	-0.050
64.356	-0.050
64.378	-0.050
64.400	-0.050
64.422	-0.050
64.444	-0.050
64.467	-0.050
64.489	-0.050
64.511	-0.050
64.533	-0.050
64.556	-0.050
64.578	-0.050
64.600	-0.050
64.622	-0.050
64.644	-0.050
64.667	-0.050
64.689	-0.050
64.711	-0.050
64.733	-0.050
64.756	-0.050
64.778	-0.050
64.800	-0.050
64.822	-0.050
64.844	-0.050
64.867	-0.050
64.889	-0.050
64.911	-0.050
64.933	-0.050
64.956	-0.050
64.978	-0.050
65.000	-0.050
65.022	-0.050
65.044	-0.050
65.067	-0.050
65.089	-0.050
65.111	-0.050
65.133	-0.050
65.156	-0.050
65.178	-0.050
65.200	-0.050
65.222	-0.050
65.244	-0.050
65.267	-0.050
65.289	-0.050
65.311	-0.050
65.333	-0.050
65.356	-0.050
65.378	-0.050
65.400	-0.050
65.422	-0.050
65.444	-0.050
65.467	-0.050
65.489	-0.050
65.511	-0.050
65.533	-0.050

65.556	-0.050
65.578	-0.050
65.600	-0.050
65.622	-0.050
65.644	-0.050
65.667	-0.050
65.689	-0.050
65.711	-0.050
65.733	-0.050
65.756	-0.050
65.778	-0.050
65.800	-0.050
65.822	-0.050
65.844	-0.050
65.867	-0.050
65.889	-0.050
65.911	-0.050
65.933	-0.050
65.956	-0.050
65.978	-0.050
66.000	-0.050
66.022	-0.050
66.044	-0.050
66.067	-0.050
66.089	-0.050
66.111	-0.050
66.133	-0.050
66.156	-0.050
66.178	-0.050
66.200	-0.050
66.222	-0.050
66.244	-0.050
66.267	-0.050
66.289	-0.050
66.311	-0.050
66.333	-0.050
66.356	-0.050
66.378	-0.050
66.400	-0.050
66.422	-0.050
66.444	-0.050
66.467	-0.050
66.489	-0.050
66.511	-0.050
66.533	-0.050
66.556	-0.050
66.578	-0.050
66.600	-0.050
66.622	-0.050
66.644	-0.050
66.667	-0.050
66.689	-0.050
66.711	-0.050
66.733	-0.050
66.756	-0.050
66.778	-0.050
66.800	-0.050
66.822	-0.050
66.844	-0.050
66.867	-0.050
66.889	-0.050
66.911	-0.050
66.933	-0.050
66.956	-0.050
66.978	-0.050

67.000	-0.050
67.022	-0.050
67.044	-0.050
67.067	-0.050
67.089	-0.050
67.111	-0.050
67.133	-0.050
67.156	-0.050
67.178	-0.050
67.200	-0.050
67.222	-0.050
67.244	-0.050
67.267	-0.050
67.289	-0.050
67.311	-0.050
67.333	-0.050
67.356	-0.050
67.378	-0.050
67.400	-0.050
67.422	-0.050
67.444	-0.050
67.467	-0.050
67.489	-0.050
67.511	-0.050
67.533	-0.050
67.556	-0.050
67.578	-0.050
67.600	-0.050
67.622	-0.050
67.644	-0.050
67.667	-0.050
67.689	-0.050
67.711	-0.050
67.733	-0.050
67.756	-0.050
67.778	-0.050
67.800	-0.050
67.822	-0.050
67.844	-0.050
67.867	-0.050
67.889	-0.050
67.911	-0.050
67.933	-0.050
67.956	-0.050
67.978	-0.050
68.000	-0.050
68.022	-0.050
68.044	-0.050
68.067	-0.050
68.089	-0.050
68.111	-0.050
68.133	-0.050
68.156	-0.050
68.178	-0.050
68.200	-0.050
68.222	-0.050
68.244	-0.050
68.267	-0.050
68.289	-0.050
68.311	-0.050
68.333	-0.050
68.356	-0.050
68.378	-0.050
68.400	-0.050
68.422	-0.050

68.444	-0.050
68.467	-0.050
68.489	-0.050
68.511	-0.050
68.533	-0.050
68.556	-0.050
68.578	-0.050
68.600	-0.050
68.622	-0.050
68.644	-0.050
68.667	-0.050
68.689	-0.050
68.711	-0.050
68.733	-0.050
68.756	-0.050
68.778	-0.050
68.800	-0.050
68.822	-0.050
68.844	-0.050
68.867	-0.050
68.889	-0.050
68.911	-0.050
68.933	-0.050
68.956	-0.050
68.978	-0.050
69.000	-0.050
69.022	-0.050
69.044	-0.050
69.067	-0.050
69.089	-0.050
69.111	-0.050
69.133	-0.050
69.156	-0.050
69.178	-0.050
69.200	-0.050
69.222	-0.050
69.244	-0.050
69.267	-0.050
69.289	-0.050
69.311	-0.050
69.333	-0.050
69.356	-0.050
69.378	-0.050
69.400	-0.050
69.422	-0.050
69.444	-0.050
69.467	-0.050
69.489	-0.050
69.511	-0.050
69.533	-0.050
69.556	-0.050
69.578	-0.050
69.600	-0.050
69.622	-0.050
69.644	-0.050
69.667	-0.050
69.689	-0.050
69.711	-0.050
69.733	-0.050
69.756	-0.050
69.778	-0.050
69.800	-0.050
69.822	-0.050
69.844	-0.050
69.867	-0.050

69.889	-0.050
69.911	-0.050
69.933	-0.050
69.956	-0.050
69.978	-0.050
70.000	-0.050
70.022	-0.050
70.044	-0.050
70.067	-0.050
70.089	-0.050
70.111	-0.050
70.133	-0.050
70.156	-0.050
70.178	-0.050
70.200	-0.050
70.222	-0.050
70.244	-0.050
70.267	-0.050
70.289	-0.050
70.311	-0.050
70.333	-0.050
70.356	-0.050
70.378	-0.050
70.400	-0.050
70.422	-0.050
70.444	-0.050
70.467	-0.050
70.489	-0.050
70.511	-0.050
70.533	-0.050
70.556	-0.050
70.578	-0.050
70.600	-0.050
70.622	-0.050
70.644	-0.050
70.667	-0.050
70.689	-0.050
70.711	-0.050
70.733	-0.050
70.756	-0.050
70.778	-0.050
70.800	-0.050
70.822	-0.050
70.844	-0.050
70.867	-0.050
70.889	-0.050
70.911	-0.050
70.933	-0.050
70.956	-0.050
70.978	-0.050
71.000	-0.050
71.022	-0.050
71.044	-0.050
71.067	-0.050
71.089	-0.050
71.111	-0.050
71.133	-0.050
71.156	-0.050
71.178	-0.050
71.200	-0.050
71.222	-0.050
71.244	-0.050
71.267	-0.050
71.289	-0.050
71.311	-0.050

71.333	-0.049
71.356	-0.049
71.378	-0.049
71.400	-0.049
71.422	-0.049
71.444	-0.049
71.467	-0.049
71.489	-0.049
71.511	-0.049
71.533	-0.049
71.556	-0.049
71.578	-0.049
71.600	-0.049
71.622	-0.049
71.644	-0.049
71.667	-0.049
71.689	-0.049
71.711	-0.049
71.733	-0.049
71.756	-0.049
71.778	-0.049
71.800	-0.049
71.822	-0.049
71.844	-0.049
71.867	-0.049
71.889	-0.049
71.911	-0.049
71.933	-0.049
71.956	-0.049
71.978	-0.049
72.000	-0.049
72.022	-0.049
72.044	-0.049
72.067	-0.049
72.089	-0.049
72.111	-0.049
72.133	-0.049
72.156	-0.049
72.178	-0.049
72.200	-0.049
72.222	-0.048
72.244	-0.048
72.267	-0.048
72.289	-0.048
72.311	-0.048
72.333	-0.047
72.356	-0.047
72.378	-0.047
72.400	-0.047
72.422	-0.047
72.444	-0.047
72.467	-0.046
72.489	-0.046
72.511	-0.046
72.533	-0.046
72.556	-0.046
72.578	-0.046
72.600	-0.046
72.622	-0.046
72.644	-0.045
72.667	-0.045
72.689	-0.045
72.711	-0.045
72.733	-0.045
72.756	-0.045

72.778	-0.045
72.800	-0.045
72.822	-0.045
72.844	-0.044
72.867	-0.044
72.889	-0.044
72.911	-0.044
72.933	-0.044
72.956	-0.044
72.978	-0.044
73.000	-0.044
73.022	-0.044
73.044	-0.044
73.067	-0.044
73.089	-0.044
73.111	-0.043
73.133	-0.043
73.156	-0.043
73.178	-0.043
73.200	-0.043
73.222	-0.043
73.244	-0.043
73.267	-0.043
73.289	-0.043
73.311	-0.043
73.333	-0.043
73.356	-0.043
73.378	-0.043
73.400	-0.043
73.422	-0.043
73.444	-0.042
73.467	-0.042
73.489	-0.042
73.511	-0.042
73.533	-0.042
73.556	-0.042
73.578	-0.042
73.600	-0.042
73.622	-0.042
73.644	-0.042
73.667	-0.042
73.689	-0.042
73.711	-0.042
73.733	-0.042
73.756	-0.042
73.778	-0.042
73.800	-0.042
73.822	-0.042
73.844	-0.042
73.867	-0.041
73.889	-0.041
73.911	-0.041
73.933	-0.041
73.956	-0.041
73.978	-0.041
74.000	-0.041
74.022	-0.041
74.044	-0.041
74.067	-0.041
74.089	-0.041
74.111	-0.041
74.133	-0.041
74.156	-0.041
74.178	-0.041
74.200	-0.041

74.222	-0.041
74.244	-0.041
74.267	-0.041
74.289	-0.041
74.311	-0.041
74.333	-0.041
74.356	-0.040
74.378	-0.040
74.400	-0.040
74.422	-0.040
74.444	-0.040
74.467	-0.040
74.489	-0.040
74.511	-0.040
74.533	-0.040
74.556	-0.040
74.578	-0.040
74.600	-0.040
74.622	-0.040
74.644	-0.040
74.667	-0.040
74.689	-0.040
74.711	-0.040
74.733	-0.040
74.756	-0.040
74.778	-0.040
74.800	-0.040
74.822	-0.040
74.844	-0.040
74.867	-0.040
74.889	-0.040
74.911	-0.040
74.933	-0.039
74.956	-0.039
74.978	-0.039
75.000	-0.039
75.022	-0.039
75.044	-0.039
75.067	-0.039
75.089	-0.039
75.111	-0.039
75.133	-0.039
75.156	-0.039
75.178	-0.039
75.200	-0.039
75.222	-0.039
75.244	-0.039
75.267	-0.039
75.289	-0.039
75.311	-0.039
75.333	-0.039
75.356	-0.039
75.378	-0.039
75.400	-0.039
75.422	-0.039
75.444	-0.039
75.467	-0.039
75.489	-0.039
75.511	-0.039
75.533	-0.039
75.556	-0.039
75.578	-0.039
75.600	-0.038
75.622	-0.038
75.644	-0.038

75.667	-0.038
75.689	-0.038
75.711	-0.038
75.733	-0.038
75.756	-0.038
75.778	-0.038
75.800	-0.038
75.822	-0.038
75.844	-0.038
75.867	-0.038
75.889	-0.038
75.911	-0.038
75.933	-0.038
75.956	-0.038
75.978	-0.038
76.000	-0.038
76.022	-0.038
76.044	-0.038
76.067	-0.038
76.089	-0.038
76.111	-0.038
76.133	-0.038
76.156	-0.038
76.178	-0.038
76.200	-0.038
76.222	-0.038
76.244	-0.038
76.267	-0.038
76.289	-0.038
76.311	-0.038
76.333	-0.038
76.356	-0.038
76.378	-0.037
76.400	-0.037
76.422	-0.037
76.444	-0.037
76.467	-0.037
76.489	-0.037
76.511	-0.037
76.533	-0.037
76.556	-0.037
76.578	-0.037
76.600	-0.037
76.622	-0.037
76.644	-0.037
76.667	-0.037
76.689	-0.037
76.711	-0.037
76.733	-0.037
76.756	-0.037
76.778	-0.037
76.800	-0.037
76.822	-0.037
76.844	-0.037
76.867	-0.037
76.889	-0.037
76.911	-0.037
76.933	-0.037
76.956	-0.037
76.978	-0.037
77.000	-0.037
77.022	-0.037
77.044	-0.037
77.067	-0.037
77.089	-0.037

77.111	-0.037
77.133	-0.037
77.156	-0.037
77.178	-0.037
77.200	-0.037
77.222	-0.037
77.244	-0.037
77.267	-0.036
77.289	-0.036
77.311	-0.036
77.333	-0.036
77.356	-0.036
77.378	-0.036
77.400	-0.036
77.422	-0.036
77.444	-0.036
77.467	-0.036
77.489	-0.036
77.511	-0.036
77.533	-0.036
77.556	-0.036
77.578	-0.036
77.600	-0.036
77.622	-0.036
77.644	-0.036
77.667	-0.036
77.689	-0.036
77.711	-0.036
77.733	-0.036
77.756	-0.036
77.778	-0.036
77.800	-0.036
77.822	-0.036
77.844	-0.036
77.867	-0.036
77.889	-0.036
77.911	-0.036
77.933	-0.036
77.956	-0.036
77.978	-0.036
78.000	-0.036
78.022	-0.036
78.044	-0.036
78.067	-0.036
78.089	-0.036
78.111	-0.036
78.133	-0.036
78.156	-0.036
78.178	-0.036
78.200	-0.036
78.222	-0.036
78.244	-0.036
78.267	-0.036
78.289	-0.036
78.311	-0.035
78.333	-0.035
78.356	-0.035
78.378	-0.035
78.400	-0.035
78.422	-0.035
78.444	-0.035
78.467	-0.035
78.489	-0.035
78.511	-0.035
78.533	-0.035

78.556	-0.035
78.578	-0.035
78.600	-0.035
78.622	-0.035
78.644	-0.035
78.667	-0.035
78.689	-0.035
78.711	-0.035
78.733	-0.035
78.756	-0.035
78.778	-0.035
78.800	-0.035
78.822	-0.035
78.844	-0.035
78.867	-0.035
78.889	-0.035
78.911	-0.035
78.933	-0.035
78.956	-0.035
78.978	-0.035
79.000	-0.035
79.022	-0.035
79.044	-0.035
79.067	-0.035
79.089	-0.035
79.111	-0.035
79.133	-0.035
79.156	-0.035
79.178	-0.035
79.200	-0.035
79.222	-0.035
79.244	-0.035
79.267	-0.035
79.289	-0.035
79.311	-0.035
79.333	-0.035
79.356	-0.035
79.378	-0.035
79.400	-0.035
79.422	-0.035
79.444	-0.035
79.467	-0.035
79.489	-0.034
79.511	-0.034
79.533	-0.034
79.556	-0.034
79.578	-0.034
79.600	-0.034
79.622	-0.034
79.644	-0.034
79.667	-0.034
79.689	-0.034
79.711	-0.034
79.733	-0.034
79.756	-0.034
79.778	-0.034
79.800	-0.034
79.822	-0.034
79.844	-0.034
79.867	-0.034
79.889	-0.034
79.911	-0.034
79.933	-0.034
79.956	-0.034
79.978	-0.034

80.000	-0.034
80.022	-0.034
80.044	-0.034
80.067	-0.034
80.089	-0.034
80.111	-0.034
80.133	-0.034
80.156	-0.034
80.178	-0.034
80.200	-0.034
80.222	-0.034
80.244	-0.034
80.267	-0.034
80.289	-0.034
80.311	-0.034
80.333	-0.034
80.356	-0.034
80.378	-0.034
80.400	-0.034
80.422	-0.034
80.444	-0.034
80.467	-0.034
80.489	-0.034
80.511	-0.034
80.533	-0.034
80.556	-0.034
80.578	-0.034
80.600	-0.034
80.622	-0.034
80.644	-0.034
80.667	-0.034
80.689	-0.034
80.711	-0.034
80.733	-0.034
80.756	-0.034
80.778	-0.034
80.800	-0.034
80.822	-0.034
80.844	-0.034
80.867	-0.034
80.889	-0.034
80.911	-0.034
80.933	-0.034
80.956	-0.034
80.978	-0.034
81.000	-0.034
81.022	-0.034
81.044	-0.034
81.067	-0.034
81.089	-0.034
81.111	-0.034
81.133	-0.034
81.156	-0.034
81.178	-0.034
81.200	-0.033
81.222	-0.033
81.244	-0.033
81.267	-0.033
81.289	-0.033
81.311	-0.033
81.333	-0.033
81.356	-0.033
81.378	-0.033
81.400	-0.033
81.422	-0.033

81.444	-0.033
81.467	-0.033
81.489	-0.033
81.511	-0.033
81.533	-0.033
81.556	-0.033
81.578	-0.033
81.600	-0.033
81.622	-0.033
81.644	-0.033
81.667	-0.033
81.689	-0.033
81.711	-0.033
81.733	-0.033
81.756	-0.033
81.778	-0.033
81.800	-0.033
81.822	-0.033
81.844	-0.033
81.867	-0.033
81.889	-0.033
81.911	-0.033
81.933	-0.033
81.956	-0.033
81.978	-0.033
82.000	-0.033
82.022	-0.033
82.044	-0.033
82.067	-0.033
82.089	-0.033
82.111	-0.033
82.133	-0.033
82.156	-0.033
82.178	-0.033
82.200	-0.033
82.222	-0.033
82.244	-0.033
82.267	-0.033
82.289	-0.033
82.311	-0.033
82.333	-0.033
82.356	-0.033
82.378	-0.033
82.400	-0.033
82.422	-0.033
82.444	-0.033
82.467	-0.033
82.489	-0.033
82.511	-0.033
82.533	-0.033
82.556	-0.033
82.578	-0.033
82.600	-0.033
82.622	-0.033
82.644	-0.033
82.667	-0.033
82.689	-0.033
82.711	-0.033
82.733	-0.033
82.756	-0.033
82.778	-0.033
82.800	-0.033
82.822	-0.033
82.844	-0.033
82.867	-0.033

82.889	-0.033
82.911	-0.033
82.933	-0.033
82.956	-0.033
82.978	-0.033
83.000	-0.033
83.022	-0.033
83.044	-0.033
83.067	-0.032
83.089	-0.032
83.111	-0.032
83.133	-0.032
83.156	-0.032
83.178	-0.032
83.200	-0.032
83.222	-0.032
83.244	-0.032
83.267	-0.032
83.289	-0.032
83.311	-0.032
83.333	-0.032
83.356	-0.032
83.378	-0.032
83.400	-0.032
83.422	-0.032
83.444	-0.032
83.467	-0.032
83.489	-0.032
83.511	-0.032
83.533	-0.032
83.556	-0.032
83.578	-0.032
83.600	-0.032
83.622	-0.032
83.644	-0.032
83.667	-0.032
83.689	-0.032
83.711	-0.032
83.733	-0.032
83.756	-0.032
83.778	-0.032
83.800	-0.032
83.822	-0.032
83.844	-0.032
83.867	-0.032
83.889	-0.032
83.911	-0.032
83.933	-0.032
83.956	-0.032
83.978	-0.032
84.000	-0.032
84.022	-0.032
84.044	-0.032
84.067	-0.032
84.089	-0.032
84.111	-0.032
84.133	-0.032
84.156	-0.032
84.178	-0.032
84.200	-0.032
84.222	-0.032
84.244	-0.032
84.267	-0.032
84.289	-0.032
84.311	-0.032

84.333	-0.032
84.356	-0.032
84.378	-0.032
84.400	-0.032
84.422	-0.032
84.444	-0.032
84.467	-0.032
84.489	-0.032
84.511	-0.032
84.533	-0.032
84.556	-0.032
84.578	-0.032
84.600	-0.032
84.622	-0.032
84.644	-0.032
84.667	-0.032
84.689	-0.032
84.711	-0.032
84.733	-0.032
84.756	-0.032
84.778	-0.032
84.800	-0.032
84.822	-0.032
84.844	-0.032
84.867	-0.032
84.889	-0.032
84.911	-0.032
84.933	-0.032
84.956	-0.032
84.978	-0.032
85.000	-0.032
85.022	-0.032
85.044	-0.032
85.067	-0.032
85.089	-0.032
85.111	-0.032
85.133	-0.032
85.156	-0.032
85.178	-0.031
85.200	-0.031
85.222	-0.031
85.244	-0.031
85.267	-0.031
85.289	-0.031
85.311	-0.031
85.333	-0.031
85.356	-0.031
85.378	-0.031
85.400	-0.031
85.422	-0.031
85.444	-0.031
85.467	-0.031
85.489	-0.031
85.511	-0.031
85.533	-0.031
85.556	-0.031
85.578	-0.031
85.600	-0.031
85.622	-0.031
85.644	-0.031
85.667	-0.031
85.689	-0.031
85.711	-0.031
85.733	-0.031
85.756	-0.031

85.778	-0.031
85.800	-0.031
85.822	-0.031
85.844	-0.031
85.867	-0.031
85.889	-0.031
85.911	-0.031
85.933	-0.031
85.956	-0.031
85.978	-0.031
86.000	-0.031
86.022	-0.031
86.044	-0.031
86.067	-0.031
86.089	-0.031
86.111	-0.031
86.133	-0.031
86.156	-0.031
86.178	-0.031
86.200	-0.031
86.222	-0.031
86.244	-0.031
86.267	-0.031
86.289	-0.031
86.311	-0.031
86.333	-0.031
86.356	-0.031
86.378	-0.031
86.400	-0.031
86.422	-0.031
86.444	-0.031
86.467	-0.031
86.489	-0.031
86.511	-0.031
86.533	-0.031
86.556	-0.031
86.578	-0.031
86.600	-0.031
86.622	-0.031
86.644	-0.031
86.667	-0.031
86.689	-0.031
86.711	-0.031
86.733	-0.031
86.756	-0.031
86.778	-0.031
86.800	-0.031
86.822	-0.031
86.844	-0.031
86.867	-0.031
86.889	-0.031
86.911	-0.031
86.933	-0.031
86.956	-0.031
86.978	-0.031
87.000	-0.031
87.022	-0.031
87.044	-0.031
87.067	-0.031
87.089	-0.031
87.111	-0.031
87.133	-0.031
87.156	-0.031
87.178	-0.031
87.200	-0.031

87.222	-0.031
87.244	-0.031
87.267	-0.031
87.289	-0.031
87.311	-0.031
87.333	-0.031
87.356	-0.031
87.378	-0.031
87.400	-0.031
87.422	-0.031
87.444	-0.031
87.467	-0.031
87.489	-0.031
87.511	-0.031
87.533	-0.031
87.556	-0.031
87.578	-0.031
87.600	-0.031
87.622	-0.031
87.644	-0.030
87.667	-0.030
87.689	-0.030
87.711	-0.030
87.733	-0.030
87.756	-0.030
87.778	-0.030
87.800	-0.030
87.822	-0.030
87.844	-0.030
87.867	-0.030
87.889	-0.030
87.911	-0.030
87.933	-0.030
87.956	-0.030
87.978	-0.030
88.000	-0.030
88.022	-0.030
88.044	-0.030
88.067	-0.030
88.089	-0.030
88.111	-0.030
88.133	-0.030
88.156	-0.030
88.178	-0.030
88.200	-0.030
88.222	-0.030
88.244	-0.030
88.267	-0.030
88.289	-0.030
88.311	-0.030
88.333	-0.030
88.356	-0.030
88.378	-0.030
88.400	-0.030
88.422	-0.030
88.444	-0.030
88.467	-0.030
88.489	-0.030
88.511	-0.030
88.533	-0.030
88.556	-0.030
88.578	-0.030
88.600	-0.030
88.622	-0.030
88.644	-0.030

88.667	-0.030
88.689	-0.030
88.711	-0.030
88.733	-0.030
88.756	-0.030
88.778	-0.030
88.800	-0.030
88.822	-0.030
88.844	-0.030
88.867	-0.030
88.889	-0.030
88.911	-0.030
88.933	-0.030
88.956	-0.030
88.978	-0.030
89.000	-0.030
89.022	-0.030
89.044	-0.030
89.067	-0.030
89.089	-0.030
89.111	-0.030
89.133	-0.030
89.156	-0.030
89.178	-0.030
89.200	-0.030
89.222	-0.030
89.244	-0.030
89.267	-0.030
89.289	-0.030
89.311	-0.030
89.333	-0.030
89.356	-0.030
89.378	-0.030
89.400	-0.030
89.422	-0.030
89.444	-0.030
89.467	-0.030
89.489	-0.030
89.511	-0.030
89.533	-0.030
89.556	-0.030
89.578	-0.030
89.600	-0.030
89.622	-0.030
89.644	-0.029
89.667	-0.029
89.689	-0.029
89.711	-0.029
89.733	-0.029
89.756	-0.029
89.778	-0.029
89.800	-0.029
89.822	-0.029
89.844	-0.029
89.867	-0.029
89.889	-0.029
89.911	-0.029
89.933	-0.029
89.956	-0.029
89.978	-0.029
90.000	-0.029
90.022	-0.029
90.044	-0.029
90.067	-0.029
90.089	-0.029

90.111	-0.029
90.133	-0.029
90.156	-0.029
90.178	-0.029
90.200	-0.029
90.222	-0.029
90.244	-0.029
90.267	-0.029
90.289	-0.029
90.311	-0.029
90.333	-0.029
90.356	-0.029
90.378	-0.029
90.400	-0.029
90.422	-0.029
90.444	-0.029
90.467	-0.029
90.489	-0.029
90.511	-0.029
90.533	-0.029
90.556	-0.029
90.578	-0.029
90.600	-0.029
90.622	-0.029
90.644	-0.029
90.667	-0.029
90.689	-0.029
90.711	-0.029
90.733	-0.029
90.756	-0.029
90.778	-0.029
90.800	-0.029
90.822	-0.029
90.844	-0.029
90.867	-0.029
90.889	-0.029
90.911	-0.029
90.933	-0.029
90.956	-0.029
90.978	-0.029
91.000	-0.029
91.022	-0.029
91.044	-0.029
91.067	-0.029
91.089	-0.029
91.111	-0.029
91.133	-0.029
91.156	-0.029
91.178	-0.029
91.200	-0.029
91.222	-0.029
91.244	-0.029
91.267	-0.029
91.289	-0.029
91.311	-0.029
91.333	-0.029
91.356	-0.029
91.378	-0.029
91.400	-0.029
91.422	-0.029
91.444	-0.029
91.467	-0.029
91.489	-0.029
91.511	-0.029
91.533	-0.029

91.556	-0.029
91.578	-0.029
91.600	-0.029
91.622	-0.029
91.644	-0.029
91.667	-0.029
91.689	-0.029
91.711	-0.029
91.733	-0.029
91.756	-0.029
91.778	-0.029
91.800	-0.029
91.822	-0.029
91.844	-0.029
91.867	-0.029
91.889	-0.029
91.911	-0.029
91.933	-0.029
91.956	-0.029
91.978	-0.029
92.000	-0.029
92.022	-0.029
92.044	-0.029
92.067	-0.029
92.089	-0.029
92.111	-0.029
92.133	-0.029
92.156	-0.029
92.178	-0.029
92.200	-0.029
92.222	-0.029
92.244	-0.029
92.267	-0.029
92.289	-0.029
92.311	-0.029
92.333	-0.028
92.356	-0.028
92.378	-0.028
92.400	-0.028
92.422	-0.028
92.444	-0.028
92.467	-0.028
92.489	-0.028
92.511	-0.028
92.533	-0.028
92.556	-0.028
92.578	-0.028
92.600	-0.028
92.622	-0.028
92.644	-0.028
92.667	-0.028
92.689	-0.028
92.711	-0.028
92.733	-0.028
92.756	-0.028
92.778	-0.028
92.800	-0.028
92.822	-0.028
92.844	-0.028
92.867	-0.028
92.889	-0.028
92.911	-0.028
92.933	-0.028
92.956	-0.028
92.978	-0.028

93.000	-0.028
93.022	-0.028
93.044	-0.028
93.067	-0.028
93.089	-0.028
93.111	-0.028
93.133	-0.028
93.156	-0.028
93.178	-0.028
93.200	-0.028
93.222	-0.028
93.244	-0.028
93.267	-0.028
93.289	-0.028
93.311	-0.028
93.333	-0.028
93.356	-0.028
93.378	-0.028
93.400	-0.028
93.422	-0.028
93.444	-0.028
93.467	-0.028
93.489	-0.028
93.511	-0.028
93.533	-0.028
93.556	-0.028
93.578	-0.028
93.600	-0.028
93.622	-0.028
93.644	-0.028
93.667	-0.028
93.689	-0.028
93.711	-0.028
93.733	-0.028
93.756	-0.028
93.778	-0.028
93.800	-0.028
93.822	-0.028
93.844	-0.028
93.867	-0.028
93.889	-0.028
93.911	-0.028
93.933	-0.028
93.956	-0.028
93.978	-0.028
94.000	-0.028
94.022	-0.028
94.044	-0.028
94.067	-0.028
94.089	-0.028
94.111	-0.028
94.133	-0.028
94.156	-0.028
94.178	-0.028
94.200	-0.028
94.222	-0.028
94.244	-0.028
94.267	-0.028
94.289	-0.028
94.311	-0.028
94.333	-0.028
94.356	-0.028
94.378	-0.028
94.400	-0.028
94.422	-0.028

94.444	-0.028
94.467	-0.028
94.489	-0.028
94.511	-0.028
94.533	-0.028
94.556	-0.028
94.578	-0.028
94.600	-0.028
94.622	-0.028
94.644	-0.028
94.667	-0.028
94.689	-0.028
94.711	-0.028
94.733	-0.028
94.756	-0.028
94.778	-0.028
94.800	-0.028
94.822	-0.028
94.844	-0.028
94.867	-0.028
94.889	-0.028
94.911	-0.028
94.933	-0.028
94.956	-0.028
94.978	-0.028
95.000	-0.028
95.022	-0.028
95.044	-0.028
95.067	-0.028
95.089	-0.028
95.111	-0.028
95.133	-0.028
95.156	-0.028
95.178	-0.028
95.200	-0.028
95.222	-0.028
95.244	-0.028
95.267	-0.028
95.289	-0.028
95.311	-0.028
95.333	-0.028
95.356	-0.028
95.378	-0.028
95.400	-0.028
95.422	-0.028
95.444	-0.028
95.467	-0.028
95.489	-0.028
95.511	-0.028
95.533	-0.028
95.556	-0.028
95.578	-0.028
95.600	-0.028
95.622	-0.028
95.644	-0.028
95.667	-0.028
95.689	-0.028
95.711	-0.027
95.733	-0.027
95.756	-0.027
95.778	-0.027
95.800	-0.027
95.822	-0.027
95.844	-0.027
95.867	-0.027

95.889	-0.027
95.911	-0.027
95.933	-0.027
95.956	-0.027
95.978	-0.027
96.000	-0.027
96.022	-0.027
96.044	-0.027
96.067	-0.027
96.089	-0.027
96.111	-0.027
96.133	-0.028
96.156	-0.028
96.178	-0.028
96.200	-0.028
96.222	-0.028
96.244	-0.028
96.267	-0.028
96.289	-0.028
96.311	-0.028
96.333	-0.028
96.356	-0.028
96.378	-0.028
96.400	-0.028
96.422	-0.028
96.444	-0.028
96.467	-0.028
96.489	-0.028
96.511	-0.028
96.533	-0.028
96.556	-0.028
96.578	-0.028
96.600	-0.028
96.622	-0.028
96.644	-0.028
96.667	-0.028
96.689	-0.028
96.711	-0.029
96.733	-0.029
96.756	-0.029
96.778	-0.029
96.800	-0.029
96.822	-0.029
96.844	-0.029
96.867	-0.029
96.889	-0.029
96.911	-0.029
96.933	-0.029
96.956	-0.029
96.978	-0.029
97.000	-0.029
97.022	-0.029
97.044	-0.029
97.067	-0.029
97.089	-0.029
97.111	-0.029
97.133	-0.029
97.156	-0.029
97.178	-0.029
97.200	-0.029
97.222	-0.029
97.244	-0.029
97.267	-0.029
97.289	-0.029
97.311	-0.029

97.333	-0.029
97.356	-0.029
97.378	-0.029
97.400	-0.029
97.422	-0.029
97.444	-0.029
97.467	-0.029
97.489	-0.029
97.511	-0.029
97.533	-0.029
97.556	-0.029
97.578	-0.029
97.600	-0.029
97.622	-0.029
97.644	-0.029
97.667	-0.029
97.689	-0.029
97.711	-0.029
97.733	-0.029
97.756	-0.029
97.778	-0.029
97.800	-0.029
97.822	-0.029
97.844	-0.029
97.867	-0.029
97.889	-0.029
97.911	-0.029
97.933	-0.029
97.956	-0.029
97.978	-0.029
98.000	-0.029
98.022	-0.029
98.044	-0.029
98.067	-0.029
98.089	-0.029
98.111	-0.029
98.133	-0.029
98.156	-0.029
98.178	-0.029
98.200	-0.029
98.222	-0.029
98.244	-0.029
98.267	-0.029
98.289	-0.029
98.311	-0.029
98.333	-0.029
98.356	-0.029
98.378	-0.029
98.400	-0.029
98.422	-0.029
98.444	-0.029
98.467	-0.029
98.489	-0.029
98.511	-0.029
98.533	-0.029
98.556	-0.029
98.578	-0.029
98.600	-0.029
98.622	-0.029
98.644	-0.029
98.667	-0.029
98.689	-0.029
98.711	-0.029
98.733	-0.029
98.756	-0.029

98.778	-0.029
98.800	-0.029
98.822	-0.029
98.844	-0.030
98.867	-0.030
98.889	-0.030
98.911	-0.030
98.933	-0.030
98.956	-0.030
98.978	-0.030
99.000	-0.030
99.022	-0.030
99.044	-0.030
99.067	-0.030
99.089	-0.030
99.111	-0.030
99.133	-0.030
99.156	-0.030
99.178	-0.030
99.200	-0.030
99.222	-0.030
99.244	-0.030
99.267	-0.030
99.289	-0.030
99.311	-0.030
99.333	-0.030
99.356	-0.030
99.378	-0.030
99.400	-0.030
99.422	-0.030
99.444	-0.030
99.467	-0.030
99.489	-0.030
99.511	-0.030
99.533	-0.030
99.556	-0.030
99.578	-0.030
99.600	-0.030
99.622	-0.030
99.644	-0.030
99.667	-0.030
99.689	-0.030
99.711	-0.030
99.733	-0.030
99.756	-0.030
99.778	-0.030
99.800	-0.030
99.822	-0.030
99.844	-0.030
99.867	-0.030
99.889	-0.030
99.911	-0.030
99.933	-0.030
99.956	-0.030
99.978	-0.030
100.000	-0.030
100.022	-0.030
100.044	-0.030
100.067	-0.030
100.089	-0.030
100.111	-0.030
100.133	-0.030
100.156	-0.030
100.178	-0.030
100.200	-0.030

100.222	-0.030
100.244	-0.030
100.267	-0.030
100.289	-0.030
100.311	-0.030
100.333	-0.030
100.356	-0.030
100.378	-0.030
100.400	-0.030
100.422	-0.030
100.444	-0.030
100.467	-0.030
100.489	-0.030
100.511	-0.030
100.533	-0.030
100.556	-0.030
100.578	-0.030
100.600	-0.030
100.622	-0.030
100.644	-0.030
100.667	-0.030
100.689	-0.030
100.711	-0.030
100.733	-0.030
100.756	-0.030
100.778	-0.030
100.800	-0.030
100.822	-0.030
100.844	-0.030
100.867	-0.030
100.889	-0.030
100.911	-0.030
100.933	-0.030
100.956	-0.030
100.978	-0.030
101.000	-0.030
101.022	-0.030
101.044	-0.030
101.067	-0.030
101.089	-0.030
101.111	-0.030
101.133	-0.030
101.156	-0.030
101.178	-0.030
101.200	-0.030
101.222	-0.030
101.244	-0.030
101.267	-0.030
101.289	-0.030
101.311	-0.030
101.333	-0.030
101.356	-0.030
101.378	-0.030
101.400	-0.030
101.422	-0.030
101.444	-0.030
101.467	-0.030
101.489	-0.030
101.511	-0.030
101.533	-0.030
101.556	-0.030
101.578	-0.030
101.600	-0.030
101.622	-0.030
101.644	-0.030

101.667	-0.030
101.689	-0.030
101.711	-0.030
101.733	-0.030
101.756	-0.030
101.778	-0.030
101.800	-0.030
101.822	-0.030
101.844	-0.030
101.867	-0.030
101.889	-0.030
101.911	-0.030
101.933	-0.030
101.956	-0.030
101.978	-0.030
102.000	-0.030
102.022	-0.030
102.044	-0.030
102.067	-0.030
102.089	-0.030
102.111	-0.030
102.133	-0.030
102.156	-0.030
102.178	-0.030
102.200	-0.030
102.222	-0.030
102.244	-0.030
102.267	-0.030
102.289	-0.030
102.311	-0.030
102.333	-0.030
102.356	-0.030
102.378	-0.030
102.400	-0.030
102.422	-0.030
102.444	-0.030
102.467	-0.030
102.489	-0.030
102.511	-0.030
102.533	-0.030
102.556	-0.030
102.578	-0.030
102.600	-0.030
102.622	-0.030
102.644	-0.030
102.667	-0.030
102.689	-0.030
102.711	-0.030
102.733	-0.030
102.756	-0.030
102.778	-0.030
102.800	-0.030
102.822	-0.030
102.844	-0.030
102.867	-0.030
102.889	-0.030
102.911	-0.030
102.933	-0.030
102.956	-0.030
102.978	-0.030
103.000	-0.030
103.022	-0.030
103.044	-0.030
103.067	-0.030
103.089	-0.030

103.111	-0.030
103.133	-0.030
103.156	-0.030
103.178	-0.030
103.200	-0.030
103.222	-0.030
103.244	-0.030
103.267	-0.030
103.289	-0.030
103.311	-0.030
103.333	-0.030
103.356	-0.030
103.378	-0.030
103.400	-0.030
103.422	-0.030
103.444	-0.030
103.467	-0.030
103.489	-0.030
103.511	-0.030
103.533	-0.030
103.556	-0.030
103.578	-0.030
103.600	-0.030
103.622	-0.030
103.644	-0.030
103.667	-0.030
103.689	-0.030
103.711	-0.030
103.733	-0.030
103.756	-0.030
103.778	-0.030
103.800	-0.030
103.822	-0.030
103.844	-0.030
103.867	-0.030
103.889	-0.030
103.911	-0.030
103.933	-0.030
103.956	-0.030
103.978	-0.030
104.000	-0.030
104.022	-0.030
104.044	-0.030
104.067	-0.030
104.089	-0.030
104.111	-0.030
104.133	-0.030
104.156	-0.030
104.178	-0.030
104.200	-0.030
104.222	-0.030
104.244	-0.030
104.267	-0.030
104.289	-0.030
104.311	-0.030
104.333	-0.030
104.356	-0.030
104.378	-0.030
104.400	-0.030
104.422	-0.030
104.444	-0.030
104.467	-0.030
104.489	-0.030
104.511	-0.030
104.533	-0.030

104.556	-0.030
104.578	-0.030
104.600	-0.030
104.622	-0.030
104.644	-0.030
104.667	-0.030
104.689	-0.030
104.711	-0.030
104.733	-0.030
104.756	-0.030
104.778	-0.030
104.800	-0.030
104.822	-0.030
104.844	-0.030
104.867	-0.030
104.889	-0.030
104.911	-0.030
104.933	-0.030
104.956	-0.030
104.978	-0.030
105.000	-0.030
105.022	-0.030
105.044	-0.030
105.067	-0.030
105.089	-0.030
105.111	-0.030
105.133	-0.030
105.156	-0.030
105.178	-0.030
105.200	-0.030
105.222	-0.030
105.244	-0.030
105.267	-0.030
105.289	-0.030
105.311	-0.030
105.333	-0.030
105.356	-0.030
105.378	-0.030
105.400	-0.030
105.422	-0.030
105.444	-0.030
105.467	-0.030
105.489	-0.030
105.511	-0.030
105.533	-0.030
105.556	-0.030
105.578	-0.030
105.600	-0.030
105.622	-0.030
105.644	-0.030
105.667	-0.030
105.689	-0.030
105.711	-0.030
105.733	-0.030
105.756	-0.030
105.778	-0.030
105.800	-0.030
105.822	-0.030
105.844	-0.030
105.867	-0.030
105.889	-0.030
105.911	-0.030
105.933	-0.030
105.956	-0.030
105.978	-0.030

106.000	-0.030
106.022	-0.030
106.044	-0.030
106.067	-0.030
106.089	-0.030
106.111	-0.030
106.133	-0.030
106.156	-0.030
106.178	-0.030
106.200	-0.030
106.222	-0.030
106.244	-0.030
106.267	-0.030
106.289	-0.030
106.311	-0.030
106.333	-0.030
106.356	-0.030
106.378	-0.030
106.400	-0.030
106.422	-0.030
106.444	-0.030
106.467	-0.030
106.489	-0.030
106.511	-0.030
106.533	-0.030
106.556	-0.030
106.578	-0.030
106.600	-0.030
106.622	-0.030
106.644	-0.030
106.667	-0.030
106.689	-0.030
106.711	-0.030
106.733	-0.030
106.756	-0.030
106.778	-0.030
106.800	-0.030
106.822	-0.030
106.844	-0.030
106.867	-0.030
106.889	-0.030
106.911	-0.030
106.933	-0.030
106.956	-0.030
106.978	-0.030
107.000	-0.030
107.022	-0.030
107.044	-0.030
107.067	-0.030
107.089	-0.030
107.111	-0.030
107.133	-0.030
107.156	-0.030
107.178	-0.030
107.200	-0.030
107.222	-0.030
107.244	-0.030
107.267	-0.030
107.289	-0.030
107.311	-0.030
107.333	-0.030
107.356	-0.030
107.378	-0.030
107.400	-0.030
107.422	-0.030

107.444	-0.030
107.467	-0.030
107.489	-0.030
107.511	-0.030
107.533	-0.030
107.556	-0.030
107.578	-0.030
107.600	-0.030
107.622	-0.030
107.644	-0.030
107.667	-0.030
107.689	-0.030
107.711	-0.030
107.733	-0.030
107.756	-0.030
107.778	-0.030
107.800	-0.030
107.822	-0.030
107.844	-0.030
107.867	-0.030
107.889	-0.030
107.911	-0.030
107.933	-0.030
107.956	-0.030
107.978	-0.030
108.000	-0.030
108.022	-0.030
108.044	-0.030
108.067	-0.030
108.089	-0.030
108.111	-0.030
108.133	-0.030
108.156	-0.030
108.178	-0.030
108.200	-0.030
108.222	-0.030
108.244	-0.030
108.267	-0.030
108.289	-0.030
108.311	-0.030
108.333	-0.030
108.356	-0.030
108.378	-0.030
108.400	-0.030
108.422	-0.030
108.444	-0.030
108.467	-0.030
108.489	-0.030
108.511	-0.030
108.533	-0.030
108.556	-0.030
108.578	-0.030
108.600	-0.030
108.622	-0.030
108.644	-0.030
108.667	-0.030
108.689	-0.030
108.711	-0.030
108.733	-0.030
108.756	-0.030
108.778	-0.030
108.800	-0.030
108.822	-0.030
108.844	-0.030
108.867	-0.030

108.889	-0.030
108.911	-0.030
108.933	-0.030
108.956	-0.030
108.978	-0.030
109.000	-0.030
109.022	-0.030
109.044	-0.030
109.067	-0.030
109.089	-0.030
109.111	-0.030
109.133	-0.030
109.156	-0.030
109.178	-0.030
109.200	-0.030
109.222	-0.030
109.244	-0.030
109.267	-0.030
109.289	-0.030
109.311	-0.030
109.333	-0.030
109.356	-0.030
109.378	-0.030
109.400	-0.030
109.422	-0.030
109.444	-0.030
109.467	-0.030
109.489	-0.030
109.511	-0.030
109.533	-0.030
109.556	-0.030
109.578	-0.030
109.600	-0.030
109.622	-0.030
109.644	-0.030
109.667	-0.030
109.689	-0.030
109.711	-0.030
109.733	-0.030
109.756	-0.030
109.778	-0.030
109.800	-0.030
109.822	-0.030
109.844	-0.030
109.867	-0.030
109.889	-0.030
109.911	-0.030
109.933	-0.030
109.956	-0.030
109.978	-0.030
110.000	-0.030
110.022	-0.030
110.044	-0.030
110.067	-0.030
110.089	-0.030
110.111	-0.030
110.133	-0.030
110.156	-0.030
110.178	-0.030
110.200	-0.030
110.222	-0.030
110.244	-0.030
110.267	-0.030
110.289	-0.030
110.311	-0.030

110.333	-0.030
110.356	-0.030
110.378	-0.030
110.400	-0.030
110.422	-0.030
110.444	-0.030
110.467	-0.030
110.489	-0.030
110.511	-0.030
110.533	-0.030
110.556	-0.030
110.578	-0.030
110.600	-0.030
110.622	-0.030
110.644	-0.030
110.667	-0.030
110.689	-0.030
110.711	-0.030
110.733	-0.030
110.756	-0.030
110.778	-0.030
110.800	-0.030
110.822	-0.030
110.844	-0.030
110.867	-0.030
110.889	-0.030
110.911	-0.030
110.933	-0.030
110.956	-0.030
110.978	-0.030
111.000	-0.030
111.022	-0.030
111.044	-0.030
111.067	-0.030
111.089	-0.030
111.111	-0.030
111.133	-0.030
111.156	-0.030
111.178	-0.030
111.200	-0.030
111.222	-0.030
111.244	-0.030
111.267	-0.030
111.289	-0.030
111.311	-0.030
111.333	-0.030
111.356	-0.030
111.378	-0.030
111.400	-0.030
111.422	-0.030
111.444	-0.030
111.467	-0.030
111.489	-0.030
111.511	-0.030
111.533	-0.030
111.556	-0.030
111.578	-0.030
111.600	-0.030
111.622	-0.030
111.644	-0.030
111.667	-0.030
111.689	-0.030
111.711	-0.030
111.733	-0.030
111.756	-0.030

111.778	-0.030
111.800	-0.030
111.822	-0.030
111.844	-0.030
111.867	-0.030
111.889	-0.030
111.911	-0.030
111.933	-0.030
111.956	-0.030
111.978	-0.030
112.000	-0.030
112.022	-0.030
112.044	-0.030
112.067	-0.030
112.089	-0.030
112.111	-0.030
112.133	-0.030
112.156	-0.030
112.178	-0.030
112.200	-0.030
112.222	-0.030
112.244	-0.030
112.267	-0.030
112.289	-0.030
112.311	-0.030
112.333	-0.030
112.356	-0.030
112.378	-0.030
112.400	-0.030
112.422	-0.030
112.444	-0.030
112.467	-0.030
112.489	-0.030
112.511	-0.030
112.533	-0.030
112.556	-0.030
112.578	-0.030
112.600	-0.030
112.622	-0.030
112.644	-0.030
112.667	-0.030
112.689	-0.030
112.711	-0.030
112.733	-0.030
112.756	-0.030
112.778	-0.030
112.800	-0.030
112.822	-0.030
112.844	-0.030
112.867	-0.030
112.889	-0.030
112.911	-0.030
112.933	-0.030
112.956	-0.030
112.978	-0.030
113.000	-0.030
113.022	-0.030
113.044	-0.030
113.067	-0.030
113.089	-0.030
113.111	-0.030
113.133	-0.030
113.156	-0.030
113.178	-0.030
113.200	-0.030

113.222	-0.030
113.244	-0.030
113.267	-0.030
113.289	-0.030
113.311	-0.030
113.333	-0.030
113.356	-0.030
113.378	-0.030
113.400	-0.030
113.422	-0.030
113.444	-0.030
113.467	-0.030
113.489	-0.030
113.511	-0.030
113.533	-0.030
113.556	-0.030
113.578	-0.030
113.600	-0.030
113.622	-0.030
113.644	-0.030
113.667	-0.030
113.689	-0.030
113.711	-0.030
113.733	-0.030
113.756	-0.030
113.778	-0.030
113.800	-0.030
113.822	-0.030
113.844	-0.030
113.867	-0.030
113.889	-0.030
113.911	-0.030
113.933	-0.030
113.956	-0.030
113.978	-0.030
114.000	-0.030
114.022	-0.030
114.044	-0.030
114.067	-0.030
114.089	-0.030
114.111	-0.030
114.133	-0.030
114.156	-0.030
114.178	-0.030
114.200	-0.030
114.222	-0.030
114.244	-0.030
114.267	-0.030
114.289	-0.030
114.311	-0.030
114.333	-0.030
114.356	-0.030
114.378	-0.030
114.400	-0.030
114.422	-0.030
114.444	-0.030
114.467	-0.030
114.489	-0.030
114.511	-0.030
114.533	-0.030
114.556	-0.030
114.578	-0.030
114.600	-0.030
114.622	-0.030
114.644	-0.030

114.667	-0.030
114.689	-0.030
114.711	-0.030
114.733	-0.030
114.756	-0.030
114.778	-0.030
114.800	-0.030
114.822	-0.030
114.844	-0.030
114.867	-0.030
114.889	-0.030
114.911	-0.030
114.933	-0.030
114.956	-0.030
114.978	-0.030
115.000	-0.030
115.022	-0.030
115.044	-0.030
115.067	-0.030
115.089	-0.030
115.111	-0.030
115.133	-0.030
115.156	-0.030
115.178	-0.030
115.200	-0.030
115.222	-0.030
115.244	-0.030
115.267	-0.030
115.289	-0.030
115.311	-0.030
115.333	-0.030
115.356	-0.030
115.378	-0.030
115.400	-0.030
115.422	-0.030
115.444	-0.030
115.467	-0.030
115.489	-0.030
115.511	-0.030
115.533	-0.030
115.556	-0.030
115.578	-0.030
115.600	-0.030
115.622	-0.030
115.644	-0.030
115.667	-0.030
115.689	-0.030
115.711	-0.030
115.733	-0.030
115.756	-0.030
115.778	-0.030
115.800	-0.030
115.822	-0.030
115.844	-0.030
115.867	-0.030
115.889	-0.030
115.911	-0.030
115.933	-0.030
115.956	-0.030
115.978	-0.030
116.000	-0.030
116.022	-0.030
116.044	-0.030
116.067	-0.030
116.089	-0.030

116.111	-0.030
116.133	-0.030
116.156	-0.030
116.178	-0.030
116.200	-0.030
116.222	-0.030
116.244	-0.030
116.267	-0.030
116.289	-0.030
116.311	-0.030
116.333	-0.030
116.356	-0.030
116.378	-0.030
116.400	-0.030
116.422	-0.030
116.444	-0.030
116.467	-0.030
116.489	-0.030
116.511	-0.030
116.533	-0.030
116.556	-0.030
116.578	-0.030
116.600	-0.030
116.622	-0.030
116.644	-0.030
116.667	-0.030
116.689	-0.030
116.711	-0.030
116.733	-0.030
116.756	-0.030
116.778	-0.030
116.800	-0.030
116.822	-0.030
116.844	-0.030
116.867	-0.030
116.889	-0.030
116.911	-0.030
116.933	-0.030
116.956	-0.030
116.978	-0.030
117.000	-0.030
117.022	-0.030
117.044	-0.030
117.067	-0.030
117.089	-0.030
117.111	-0.030
117.133	-0.030
117.156	-0.030
117.178	-0.030
117.200	-0.030
117.222	-0.030
117.244	-0.030
117.267	-0.030
117.289	-0.030
117.311	-0.030
117.333	-0.030
117.356	-0.030
117.378	-0.030
117.400	-0.030
117.422	-0.030
117.444	-0.030
117.467	-0.030
117.489	-0.030
117.511	-0.030
117.533	-0.030

117.556	-0.030
117.578	-0.030
117.600	-0.030
117.622	-0.030
117.644	-0.030
117.667	-0.030
117.689	-0.030
117.711	-0.030
117.733	-0.030
117.756	-0.030
117.778	-0.030
117.800	-0.030
117.822	-0.030
117.844	-0.030
117.867	-0.030
117.889	-0.030
117.911	-0.030
117.933	-0.030
117.956	-0.030
117.978	-0.030
118.000	-0.030
118.022	-0.030
118.044	-0.030
118.067	-0.030
118.089	-0.030
118.111	-0.030
118.133	-0.030
118.156	-0.030
118.178	-0.030
118.200	-0.030
118.222	-0.030
118.244	-0.030
118.267	-0.030
118.289	-0.030
118.311	-0.030
118.333	-0.030
118.356	-0.030
118.378	-0.030
118.400	-0.030
118.422	-0.030
118.444	-0.030
118.467	-0.030
118.489	-0.030
118.511	-0.030
118.533	-0.030
118.556	-0.030
118.578	-0.030
118.600	-0.030
118.622	-0.030
118.644	-0.030
118.667	-0.030
118.689	-0.030
118.711	-0.030
118.733	-0.030
118.756	-0.030
118.778	-0.030
118.800	-0.030
118.822	-0.030
118.844	-0.030
118.867	-0.030
118.889	-0.030
118.911	-0.030
118.933	-0.030
118.956	-0.030
118.978	-0.030

119.000	-0.030
119.022	-0.030
119.044	-0.030
119.067	-0.030
119.089	-0.030
119.111	-0.030
119.133	-0.030
119.156	-0.030
119.178	-0.030
119.200	-0.030
119.222	-0.030
119.244	-0.030
119.267	-0.030
119.289	-0.030
119.311	-0.030
119.333	-0.030
119.356	-0.030
119.378	-0.030
119.400	-0.030
119.422	-0.030
119.444	-0.030
119.467	-0.030
119.489	-0.030
119.511	-0.030
119.533	-0.030
119.556	-0.030
119.578	-0.030
119.600	-0.030
119.622	-0.030
119.644	-0.030
119.667	-0.030
119.689	-0.030
119.711	-0.030
119.733	-0.030
119.756	-0.030
119.778	-0.030
119.800	-0.030
119.822	-0.030
119.844	-0.030
119.867	-0.030
119.889	-0.030
119.911	-0.030
119.933	-0.030
119.956	-0.030
119.978	-0.030
120.000	-0.030
120.022	-0.030
120.044	-0.030
120.067	-0.030
120.089	-0.030
120.111	-0.030
120.133	-0.030
120.156	-0.030
120.178	-0.031
120.200	-0.031
120.222	-0.031
120.244	-0.031
120.267	-0.032
120.289	-0.032
120.311	-0.032
120.333	-0.032
120.356	-0.032
120.378	-0.033
120.400	-0.033
120.422	-0.033

120.444	-0.033
120.467	-0.033
120.489	-0.034
120.511	-0.034
120.533	-0.034
120.556	-0.034
120.578	-0.034
120.600	-0.035
120.622	-0.035
120.644	-0.035
120.667	-0.035
120.689	-0.035
120.711	-0.035
120.733	-0.035
120.756	-0.035
120.778	-0.036
120.800	-0.036
120.822	-0.036
120.844	-0.036
120.867	-0.036
120.889	-0.036
120.911	-0.036
120.933	-0.036
120.956	-0.037
120.978	-0.037
121.000	-0.037
121.022	-0.037
121.044	-0.037
121.067	-0.037
121.089	-0.037
121.111	-0.037
121.133	-0.037
121.156	-0.037
121.178	-0.037
121.200	-0.037
121.222	-0.038
121.244	-0.038
121.267	-0.038
121.289	-0.038
121.311	-0.038
121.333	-0.038
121.356	-0.038
121.378	-0.038
121.400	-0.038
121.422	-0.038
121.444	-0.038
121.467	-0.038
121.489	-0.038
121.511	-0.038
121.533	-0.039
121.556	-0.039
121.578	-0.039
121.600	-0.039
121.622	-0.039
121.644	-0.039
121.667	-0.039
121.689	-0.039
121.711	-0.039
121.733	-0.039
121.756	-0.039
121.778	-0.039
121.800	-0.039
121.822	-0.039
121.844	-0.039
121.867	-0.039

121.889	-0.040
121.911	-0.040
121.933	-0.040
121.956	-0.040
121.978	-0.040
122.000	-0.040
122.022	-0.040
122.044	-0.040
122.067	-0.040
122.089	-0.040
122.111	-0.040
122.133	-0.040
122.156	-0.040
122.178	-0.040
122.200	-0.040
122.222	-0.040
122.244	-0.040
122.267	-0.040
122.289	-0.040
122.311	-0.040
122.333	-0.040
122.356	-0.041
122.378	-0.041
122.400	-0.041
122.422	-0.041
122.444	-0.041
122.467	-0.041
122.489	-0.041
122.511	-0.041
122.533	-0.041
122.556	-0.041
122.578	-0.041
122.600	-0.041
122.622	-0.041
122.644	-0.041
122.667	-0.041
122.689	-0.041
122.711	-0.041
122.733	-0.041
122.756	-0.041
122.778	-0.041
122.800	-0.041
122.822	-0.041
122.844	-0.041
122.867	-0.041
122.889	-0.042
122.911	-0.042
122.933	-0.042
122.956	-0.042
122.978	-0.042
123.000	-0.042
123.022	-0.042
123.044	-0.042
123.067	-0.042
123.089	-0.042
123.111	-0.042
123.133	-0.042
123.156	-0.042
123.178	-0.042
123.200	-0.042
123.222	-0.042
123.244	-0.042
123.267	-0.042
123.289	-0.042
123.311	-0.042

123.333	-0.042
123.356	-0.042
123.378	-0.042
123.400	-0.042
123.422	-0.042
123.444	-0.042
123.467	-0.042
123.489	-0.042
123.511	-0.042
123.533	-0.043
123.556	-0.043
123.578	-0.043
123.600	-0.043
123.622	-0.043
123.644	-0.043
123.667	-0.043
123.689	-0.043
123.711	-0.043
123.733	-0.043
123.756	-0.043
123.778	-0.043
123.800	-0.043
123.822	-0.043
123.844	-0.043
123.867	-0.043
123.889	-0.043
123.911	-0.043
123.933	-0.043
123.956	-0.043
123.978	-0.043
124.000	-0.043
124.022	-0.043
124.044	-0.043
124.067	-0.043
124.089	-0.043
124.111	-0.043
124.133	-0.043
124.156	-0.043
124.178	-0.043
124.200	-0.043
124.222	-0.043
124.244	-0.043
124.267	-0.043
124.289	-0.044
124.311	-0.044
124.333	-0.044
124.356	-0.044
124.378	-0.044
124.400	-0.044
124.422	-0.044
124.444	-0.044
124.467	-0.044
124.489	-0.044
124.511	-0.044
124.533	-0.044
124.556	-0.044
124.578	-0.044
124.600	-0.044
124.622	-0.044
124.644	-0.044
124.667	-0.044
124.689	-0.044
124.711	-0.044
124.733	-0.044
124.756	-0.044

124.778	-0.044
124.800	-0.044
124.822	-0.044
124.844	-0.044
124.867	-0.044
124.889	-0.044
124.911	-0.044
124.933	-0.044
124.956	-0.044
124.978	-0.044
125.000	-0.044
125.022	-0.044
125.044	-0.044
125.067	-0.044
125.089	-0.044
125.111	-0.044
125.133	-0.044
125.156	-0.044
125.178	-0.044
125.200	-0.044
125.222	-0.045
125.244	-0.045
125.267	-0.045
125.289	-0.045
125.311	-0.045
125.333	-0.045
125.356	-0.045
125.378	-0.045
125.400	-0.045
125.422	-0.045
125.444	-0.045
125.467	-0.045
125.489	-0.045
125.511	-0.045
125.533	-0.045
125.556	-0.045
125.578	-0.045
125.600	-0.045
125.622	-0.045
125.644	-0.045
125.667	-0.045
125.689	-0.045
125.711	-0.045
125.733	-0.045
125.756	-0.045
125.778	-0.045
125.800	-0.045
125.822	-0.045
125.844	-0.045
125.867	-0.045
125.889	-0.045
125.911	-0.045
125.933	-0.045
125.956	-0.045
125.978	-0.045
126.000	-0.045
126.022	-0.045
126.044	-0.045
126.067	-0.045
126.089	-0.045
126.111	-0.045
126.133	-0.045
126.156	-0.045
126.178	-0.045
126.200	-0.045

126.222	-0.045
126.244	-0.045
126.267	-0.045
126.289	-0.045
126.311	-0.045
126.333	-0.046
126.356	-0.046
126.378	-0.046
126.400	-0.046
126.422	-0.046
126.444	-0.046
126.467	-0.046
126.489	-0.046
126.511	-0.046
126.533	-0.046
126.556	-0.046
126.578	-0.046
126.600	-0.046
126.622	-0.046
126.644	-0.046
126.667	-0.046
126.689	-0.046
126.711	-0.046
126.733	-0.046
126.756	-0.046
126.778	-0.046
126.800	-0.046
126.822	-0.046
126.844	-0.046
126.867	-0.046
126.889	-0.046
126.911	-0.046
126.933	-0.046
126.956	-0.046
126.978	-0.046
127.000	-0.046
127.022	-0.046
127.044	-0.046
127.067	-0.046
127.089	-0.046
127.111	-0.046
127.133	-0.046
127.156	-0.046
127.178	-0.046
127.200	-0.046
127.222	-0.046
127.244	-0.046
127.267	-0.046
127.289	-0.046
127.311	-0.046
127.333	-0.046
127.356	-0.046
127.378	-0.046
127.400	-0.046
127.422	-0.046
127.444	-0.046
127.467	-0.046
127.489	-0.046
127.511	-0.046
127.533	-0.046
127.556	-0.046
127.578	-0.046
127.600	-0.046
127.622	-0.046
127.644	-0.046

127.667	-0.047
127.689	-0.047
127.711	-0.047
127.733	-0.047
127.756	-0.047
127.778	-0.047
127.800	-0.047
127.822	-0.047
127.844	-0.047
127.867	-0.047
127.889	-0.047
127.911	-0.047
127.933	-0.047
127.956	-0.047
127.978	-0.047
128.000	-0.047
128.022	-0.047
128.044	-0.047
128.067	-0.047
128.089	-0.047
128.111	-0.047
128.133	-0.047
128.155	-0.047
128.178	-0.047
128.200	-0.047
128.222	-0.047
128.244	-0.047
128.267	-0.047
128.289	-0.047
128.311	-0.047
128.333	-0.047
128.356	-0.047
128.378	-0.047
128.400	-0.047
128.422	-0.047
128.444	-0.047
128.467	-0.047
128.489	-0.047
128.511	-0.047
128.533	-0.047
128.556	-0.047
128.578	-0.047
128.600	-0.047
128.622	-0.047
128.644	-0.047
128.667	-0.047
128.689	-0.047
128.711	-0.047
128.733	-0.047
128.756	-0.047
128.778	-0.047
128.800	-0.047
128.822	-0.047
128.845	-0.047
128.867	-0.047
128.889	-0.047
128.911	-0.047
128.933	-0.047
128.956	-0.047
128.978	-0.048
129.000	-0.048
129.022	-0.048
129.044	-0.048
129.067	-0.048
129.089	-0.048

129.111	-0.048
129.133	-0.048
129.155	-0.048
129.178	-0.048
129.200	-0.048
129.222	-0.048
129.244	-0.048
129.267	-0.048
129.289	-0.048
129.311	-0.048
129.333	-0.048
129.356	-0.048
129.378	-0.048
129.400	-0.048
129.422	-0.048
129.444	-0.048
129.467	-0.048
129.489	-0.048
129.511	-0.048
129.533	-0.048
129.556	-0.048
129.578	-0.048
129.600	-0.048
129.622	-0.048
129.644	-0.048
129.667	-0.048
129.689	-0.048
129.711	-0.048
129.733	-0.048
129.756	-0.048
129.778	-0.048
129.800	-0.048
129.822	-0.048
129.845	-0.048
129.867	-0.048
129.889	-0.048
129.911	-0.048
129.933	-0.048
129.956	-0.048
129.978	-0.048
130.000	-0.048
130.022	-0.048
130.044	-0.048
130.067	-0.048
130.089	-0.048
130.111	-0.048
130.133	-0.048
130.155	-0.048
130.178	-0.048
130.200	-0.048
130.222	-0.048
130.244	-0.048
130.267	-0.048
130.289	-0.048
130.311	-0.048
130.333	-0.048
130.356	-0.048
130.378	-0.048
130.400	-0.048
130.422	-0.048
130.444	-0.048
130.467	-0.048
130.489	-0.048
130.511	-0.048
130.533	-0.048

130.556	-0.048
130.578	-0.048
130.600	-0.048
130.622	-0.048
130.644	-0.048
130.667	-0.049
130.689	-0.049
130.711	-0.049
130.733	-0.049
130.756	-0.049
130.778	-0.049
130.800	-0.049
130.822	-0.049
130.845	-0.049
130.867	-0.049
130.889	-0.049
130.911	-0.049
130.933	-0.049
130.956	-0.049
130.978	-0.049
131.000	-0.049
131.022	-0.049
131.044	-0.049
131.067	-0.049
131.089	-0.049
131.111	-0.049
131.133	-0.049
131.155	-0.049
131.178	-0.049
131.200	-0.049
131.222	-0.049
131.244	-0.049
131.267	-0.049
131.289	-0.049
131.311	-0.049
131.333	-0.049
131.356	-0.049
131.378	-0.049
131.400	-0.049
131.422	-0.049
131.444	-0.049
131.467	-0.049
131.489	-0.049
131.511	-0.049
131.533	-0.049
131.556	-0.049
131.578	-0.049
131.600	-0.049
131.622	-0.049
131.644	-0.049
131.667	-0.049
131.689	-0.049
131.711	-0.049
131.733	-0.049
131.756	-0.049
131.778	-0.049
131.800	-0.049
131.822	-0.049
131.845	-0.049
131.867	-0.049
131.889	-0.049
131.911	-0.049
131.933	-0.049
131.956	-0.049
131.978	-0.049

132.000	-0.049
132.022	-0.049
132.044	-0.049
132.067	-0.049
132.089	-0.049
132.111	-0.049
132.133	-0.049
132.155	-0.049
132.178	-0.049
132.200	-0.049
132.222	-0.049
132.244	-0.049
132.267	-0.049
132.289	-0.049
132.311	-0.049
132.333	-0.049
132.356	-0.049
132.378	-0.049
132.400	-0.049
132.422	-0.049
132.444	-0.049
132.467	-0.049
132.489	-0.049
132.511	-0.049
132.533	-0.049
132.556	-0.049
132.578	-0.049
132.600	-0.049
132.622	-0.049
132.644	-0.049
132.667	-0.049
132.689	-0.049
132.711	-0.049
132.733	-0.049
132.756	-0.049
132.778	-0.049
132.800	-0.049
132.822	-0.049
132.845	-0.050
132.867	-0.050
132.889	-0.050
132.911	-0.050
132.933	-0.050
132.956	-0.050
132.978	-0.050
133.000	-0.050
133.022	-0.050
133.044	-0.050
133.067	-0.050
133.089	-0.050
133.111	-0.050
133.133	-0.050
133.155	-0.050
133.178	-0.050
133.200	-0.050
133.222	-0.050
133.244	-0.050
133.267	-0.050
133.289	-0.050
133.311	-0.050
133.333	-0.050
133.356	-0.050
133.378	-0.050
133.400	-0.050
133.422	-0.050

133.444	-0.050
133.467	-0.050
133.489	-0.050
133.511	-0.050
133.533	-0.050
133.556	-0.050
133.578	-0.050
133.600	-0.050
133.622	-0.050
133.644	-0.050
133.667	-0.050
133.689	-0.050
133.711	-0.050
133.733	-0.050
133.756	-0.050
133.778	-0.050
133.800	-0.050
133.822	-0.050
133.845	-0.050
133.867	-0.050
133.889	-0.050
133.911	-0.050
133.933	-0.050
133.956	-0.050
133.978	-0.050
134.000	-0.050
134.022	-0.050
134.044	-0.050
134.067	-0.050
134.089	-0.050
134.111	-0.050
134.133	-0.050
134.155	-0.050
134.178	-0.050
134.200	-0.050
134.222	-0.050
134.244	-0.050
134.267	-0.050
134.289	-0.050
134.311	-0.050
134.333	-0.050
134.356	-0.050
134.378	-0.050
134.400	-0.050
134.422	-0.050
134.444	-0.050
134.467	-0.050
134.489	-0.050
134.511	-0.050
134.533	-0.050
134.556	-0.050
134.578	-0.050
134.600	-0.050
134.622	-0.050
134.644	-0.050
134.667	-0.049
134.689	-0.049
134.711	-0.049
134.733	-0.049
134.756	-0.049
134.778	-0.049
134.800	-0.049
134.822	-0.049
134.845	-0.049
134.867	-0.049

134.889	-0.049
134.911	-0.049
134.933	-0.049
134.956	-0.049
134.978	-0.049
135.000	-0.049
135.022	-0.049
135.044	-0.049
135.067	-0.049
135.089	-0.049
135.111	-0.049
135.133	-0.049
135.155	-0.048
135.178	-0.048
135.200	-0.048
135.222	-0.048
135.244	-0.048
135.267	-0.048
135.289	-0.048
135.311	-0.048
135.333	-0.048
135.356	-0.048
135.378	-0.048
135.400	-0.048
135.422	-0.048
135.444	-0.048
135.467	-0.048
135.489	-0.048
135.511	-0.048
135.533	-0.048
135.556	-0.048
135.578	-0.048
135.600	-0.047
135.622	-0.047
135.644	-0.047
135.667	-0.047
135.689	-0.047
135.711	-0.047
135.733	-0.047
135.756	-0.047
135.778	-0.047
135.800	-0.047
135.822	-0.047
135.845	-0.047
135.867	-0.047
135.889	-0.047
135.911	-0.047
135.933	-0.047
135.956	-0.047
135.978	-0.047
136.000	-0.047
136.022	-0.047
136.044	-0.046
136.067	-0.046
136.089	-0.046
136.111	-0.046
136.133	-0.046
136.155	-0.046
136.178	-0.046
136.200	-0.046
136.222	-0.046
136.244	-0.046
136.267	-0.046
136.289	-0.046
136.311	-0.046

136.333	-0.046
136.356	-0.046
136.378	-0.046
136.400	-0.046
136.422	-0.046
136.444	-0.046
136.467	-0.046
136.489	-0.045
136.511	-0.045
136.533	-0.045
136.556	-0.045
136.578	-0.045
136.600	-0.045
136.622	-0.045
136.644	-0.045
136.667	-0.045
136.689	-0.045
136.711	-0.045
136.733	-0.045
136.756	-0.045
136.778	-0.045
136.800	-0.045
136.822	-0.045
136.845	-0.045
136.867	-0.045
136.889	-0.045
136.911	-0.045
136.933	-0.045
136.956	-0.045
136.978	-0.045
137.000	-0.045
137.022	-0.045
137.044	-0.044
137.067	-0.044
137.089	-0.044
137.111	-0.044
137.133	-0.044
137.155	-0.044
137.178	-0.044
137.200	-0.044
137.222	-0.044
137.244	-0.044
137.267	-0.044
137.289	-0.044
137.311	-0.044
137.333	-0.044
137.356	-0.044
137.378	-0.044
137.400	-0.044
137.422	-0.044
137.444	-0.044
137.467	-0.044
137.489	-0.044
137.511	-0.044
137.533	-0.044
137.556	-0.044
137.578	-0.044
137.600	-0.044
137.622	-0.044
137.644	-0.044
137.667	-0.044
137.689	-0.044
137.711	-0.043
137.733	-0.043
137.756	-0.043

137.778	-0.043
137.800	-0.043
137.822	-0.043
137.845	-0.043
137.867	-0.043
137.889	-0.043
137.911	-0.043
137.933	-0.043
137.956	-0.043
137.978	-0.043
138.000	-0.043
138.022	-0.043
138.044	-0.043
138.067	-0.043
138.089	-0.043
138.111	-0.043
138.133	-0.043
138.155	-0.043
138.178	-0.043
138.200	-0.043
138.222	-0.043
138.244	-0.043
138.267	-0.043
138.289	-0.043
138.311	-0.043
138.333	-0.043
138.356	-0.043
138.378	-0.043
138.400	-0.043
138.422	-0.043
138.444	-0.043
138.467	-0.043
138.489	-0.043
138.511	-0.042
138.533	-0.042
138.556	-0.042
138.578	-0.042
138.600	-0.042
138.622	-0.042
138.644	-0.042
138.667	-0.042
138.689	-0.042
138.711	-0.042
138.733	-0.042
138.756	-0.042
138.778	-0.042
138.800	-0.042
138.822	-0.042
138.845	-0.042
138.867	-0.042
138.889	-0.042
138.911	-0.042
138.933	-0.042
138.956	-0.042
138.978	-0.042
139.000	-0.042
139.022	-0.042
139.044	-0.042
139.067	-0.042
139.089	-0.042
139.111	-0.042
139.133	-0.042
139.155	-0.042
139.178	-0.042
139.200	-0.042

139.222	-0.042
139.244	-0.042
139.267	-0.042
139.289	-0.042
139.311	-0.042
139.333	-0.042
139.356	-0.042
139.378	-0.042
139.400	-0.042
139.422	-0.042
139.444	-0.042
139.467	-0.041
139.489	-0.041
139.511	-0.041
139.533	-0.041
139.556	-0.041
139.578	-0.041
139.600	-0.041
139.622	-0.041
139.644	-0.041
139.667	-0.041
139.689	-0.041
139.711	-0.041
139.733	-0.041
139.756	-0.041
139.778	-0.041
139.800	-0.041
139.822	-0.041
139.845	-0.041
139.867	-0.041
139.889	-0.041
139.911	-0.041
139.933	-0.041
139.956	-0.041
139.978	-0.041
140.000	-0.041
140.022	-0.041
140.044	-0.041
140.067	-0.041
140.089	-0.041
140.111	-0.041
140.133	-0.041
140.155	-0.041
140.178	-0.041
140.200	-0.041
140.222	-0.041
140.244	-0.041
140.267	-0.041
140.289	-0.041
140.311	-0.041
140.333	-0.041
140.356	-0.041
140.378	-0.041
140.400	-0.041
140.422	-0.041
140.444	-0.041
140.467	-0.041
140.489	-0.041
140.511	-0.041
140.533	-0.041
140.556	-0.041
140.578	-0.041
140.600	-0.041
140.622	-0.041
140.644	-0.040

140.667	-0.040
140.689	-0.040
140.711	-0.040
140.733	-0.040
140.756	-0.040
140.778	-0.040
140.800	-0.040
140.822	-0.040
140.845	-0.040
140.867	-0.040
140.889	-0.040
140.911	-0.040
140.933	-0.040
140.956	-0.040
140.978	-0.040
141.000	-0.040
141.022	-0.040
141.044	-0.040
141.067	-0.040
141.089	-0.040
141.111	-0.040
141.133	-0.040
141.155	-0.040
141.178	-0.040
141.200	-0.040
141.222	-0.040
141.244	-0.040
141.267	-0.040
141.289	-0.040
141.311	-0.040
141.333	-0.040
141.356	-0.040
141.378	-0.040
141.400	-0.040
141.422	-0.040
141.444	-0.040
141.467	-0.040
141.489	-0.040
141.511	-0.040
141.533	-0.040
141.556	-0.040
141.578	-0.040
141.600	-0.040
141.622	-0.040
141.644	-0.040
141.667	-0.040
141.689	-0.040
141.711	-0.040
141.733	-0.040
141.756	-0.040
141.778	-0.040
141.800	-0.040
141.822	-0.040
141.845	-0.040
141.867	-0.040
141.889	-0.040
141.911	-0.040
141.933	-0.040
141.956	-0.040
141.978	-0.040
142.000	-0.040
142.022	-0.040
142.044	-0.039
142.067	-0.039
142.089	-0.039

142.111	-0.039
142.133	-0.039
142.155	-0.039
142.178	-0.039
142.200	-0.039
142.222	-0.039
142.244	-0.039
142.267	-0.039
142.289	-0.039
142.311	-0.039
142.333	-0.039
142.356	-0.039
142.378	-0.039
142.400	-0.039
142.422	-0.039
142.444	-0.039
142.467	-0.039
142.489	-0.039
142.511	-0.039
142.533	-0.039
142.556	-0.039
142.578	-0.039
142.600	-0.039
142.622	-0.039
142.644	-0.039
142.667	-0.039
142.689	-0.039
142.711	-0.039
142.733	-0.039
142.756	-0.039
142.778	-0.039
142.800	-0.039
142.822	-0.039
142.845	-0.039
142.867	-0.039
142.889	-0.039
142.911	-0.039
142.933	-0.039
142.956	-0.039
142.978	-0.039
143.000	-0.039
143.022	-0.039
143.044	-0.039
143.067	-0.039
143.089	-0.039
143.111	-0.039
143.133	-0.039
143.155	-0.039
143.178	-0.039
143.200	-0.039
143.222	-0.039
143.244	-0.039
143.267	-0.039
143.289	-0.039
143.311	-0.039
143.333	-0.039
143.356	-0.039
143.378	-0.039
143.400	-0.039
143.422	-0.039
143.444	-0.039
143.467	-0.039
143.489	-0.039
143.511	-0.039
143.533	-0.039

143.556	-0.039
143.578	-0.039
143.600	-0.039
143.622	-0.039
143.644	-0.039
143.667	-0.039
143.689	-0.039
143.711	-0.038
143.733	-0.038
143.756	-0.038
143.778	-0.038
143.800	-0.038
143.822	-0.038
143.845	-0.038
143.867	-0.038
143.889	-0.038
143.911	-0.038
143.933	-0.038
143.956	-0.038
143.978	-0.038
144.000	-0.038
144.022	-0.038
144.044	-0.038
144.067	-0.038
144.089	-0.038
144.111	-0.038
144.133	-0.038
144.155	-0.038
144.178	-0.038
144.200	-0.039
144.222	-0.039
144.244	-0.039
144.267	-0.039
144.289	-0.039
144.311	-0.039
144.333	-0.039
144.356	-0.039
144.378	-0.039
144.400	-0.039
144.422	-0.039
144.444	-0.039
144.467	-0.039
144.489	-0.039
144.511	-0.039
144.533	-0.039
144.556	-0.039
144.578	-0.039
144.600	-0.039
144.622	-0.039
144.644	-0.039
144.667	-0.039
144.689	-0.039
144.711	-0.039
144.733	-0.039
144.756	-0.039
144.778	-0.039
144.800	-0.039
144.822	-0.039
144.845	-0.039
144.867	-0.039
144.889	-0.039
144.911	-0.039
144.933	-0.039
144.956	-0.039
144.978	-0.039

145.000	-0.039
145.022	-0.039
145.044	-0.039
145.067	-0.039
145.089	-0.039
145.111	-0.039
145.133	-0.039
145.155	-0.039
145.178	-0.038
145.200	-0.038
145.222	-0.038
145.244	-0.038
145.267	-0.038
145.289	-0.038
145.311	-0.038
145.333	-0.038
145.356	-0.038
145.378	-0.038
145.400	-0.038
145.422	-0.038
145.444	-0.038
145.467	-0.038
145.489	-0.038
145.511	-0.038
145.533	-0.038
145.556	-0.038
145.578	-0.038
145.600	-0.038
145.622	-0.038
145.644	-0.038
145.667	-0.038
145.689	-0.038
145.711	-0.038
145.733	-0.038
145.756	-0.038
145.778	-0.038
145.800	-0.038
145.822	-0.038
145.845	-0.038
145.867	-0.038
145.889	-0.038
145.911	-0.038
145.933	-0.038
145.956	-0.038
145.978	-0.038
146.000	-0.038
146.022	-0.038
146.044	-0.038
146.067	-0.038
146.089	-0.038
146.111	-0.038
146.133	-0.038
146.155	-0.038
146.178	-0.038
146.200	-0.038
146.222	-0.038
146.244	-0.038
146.267	-0.038
146.289	-0.038
146.311	-0.038
146.333	-0.038
146.356	-0.038
146.378	-0.038
146.400	-0.038
146.422	-0.038

146.444	-0.038
146.467	-0.038
146.489	-0.038
146.511	-0.038
146.533	-0.038
146.556	-0.038
146.578	-0.038
146.600	-0.038
146.622	-0.038
146.644	-0.038
146.667	-0.038
146.689	-0.038
146.711	-0.038
146.733	-0.038
146.756	-0.038
146.778	-0.038
146.800	-0.037
146.822	-0.037
146.845	-0.037
146.867	-0.037
146.889	-0.037
146.911	-0.037
146.933	-0.037
146.956	-0.037
146.978	-0.037
147.000	-0.037
147.022	-0.037
147.044	-0.037
147.067	-0.037
147.089	-0.037
147.111	-0.037
147.133	-0.037
147.155	-0.037
147.178	-0.037
147.200	-0.037
147.222	-0.037
147.244	-0.037
147.267	-0.037
147.289	-0.037
147.311	-0.037
147.333	-0.037
147.356	-0.037
147.378	-0.037
147.400	-0.037
147.422	-0.037
147.444	-0.037
147.467	-0.037
147.489	-0.037
147.511	-0.037
147.533	-0.037
147.556	-0.037
147.578	-0.037
147.600	-0.037
147.622	-0.037
147.644	-0.037
147.667	-0.037
147.689	-0.037
147.711	-0.037
147.733	-0.037
147.756	-0.037
147.778	-0.037
147.800	-0.037
147.822	-0.037
147.845	-0.037
147.867	-0.037

147.889	-0.037
147.911	-0.037
147.933	-0.037
147.956	-0.037
147.978	-0.037
148.000	-0.037
148.022	-0.037
148.044	-0.037
148.067	-0.037
148.089	-0.037
148.111	-0.037
148.133	-0.037
148.155	-0.037
148.178	-0.037
148.200	-0.037
148.222	-0.037
148.244	-0.037
148.267	-0.037
148.289	-0.037
148.311	-0.037
148.333	-0.037
148.356	-0.037
148.378	-0.037
148.400	-0.037
148.422	-0.037
148.444	-0.037
148.467	-0.037
148.489	-0.037
148.511	-0.037
148.533	-0.037
148.556	-0.037
148.578	-0.037
148.600	-0.037
148.622	-0.037
148.644	-0.037
148.667	-0.037
148.689	-0.037
148.711	-0.037
148.733	-0.037
148.756	-0.037
148.778	-0.037
148.800	-0.037
148.822	-0.037
148.845	-0.037
148.867	-0.037
148.889	-0.036
148.911	-0.036
148.933	-0.036
148.956	-0.036
148.978	-0.036
149.000	-0.036
149.022	-0.036
149.044	-0.036
149.067	-0.036
149.089	-0.036
149.111	-0.036
149.133	-0.036
149.155	-0.036
149.178	-0.036
149.200	-0.036
149.222	-0.036
149.244	-0.036
149.267	-0.036
149.289	-0.036
149.311	-0.036

149.333	-0.036
149.356	-0.036
149.378	-0.036
149.400	-0.036
149.422	-0.036
149.444	-0.036
149.467	-0.036
149.489	-0.036
149.511	-0.036
149.533	-0.036
149.556	-0.036
149.578	-0.036
149.600	-0.036
149.622	-0.036
149.644	-0.036
149.667	-0.036
149.689	-0.036
149.711	-0.036
149.733	-0.036
149.756	-0.036
149.778	-0.036
149.800	-0.036
149.822	-0.036
149.845	-0.036
149.867	-0.036
149.889	-0.036
149.911	-0.036
149.933	-0.036
149.956	-0.036
149.978	-0.036
150.000	-0.036
150.022	-0.036
150.044	-0.036
150.067	-0.036
150.089	-0.036
150.111	-0.036
150.133	-0.036
150.155	-0.036
150.178	-0.036
150.200	-0.036
150.222	-0.036
150.244	-0.036
150.267	-0.036
150.289	-0.036
150.311	-0.036
150.333	-0.036
150.356	-0.036
150.378	-0.036
150.400	-0.036
150.422	-0.036
150.444	-0.036
150.467	-0.036
150.489	-0.036
150.511	-0.036
150.533	-0.036
150.556	-0.036
150.578	-0.036
150.600	-0.036
150.622	-0.036
150.644	-0.036
150.667	-0.036
150.689	-0.036
150.711	-0.036
150.733	-0.036
150.756	-0.036

150.778	-0.036
150.800	-0.036
150.822	-0.036
150.845	-0.036
150.867	-0.036
150.889	-0.036
150.911	-0.036
150.933	-0.036
150.956	-0.036
150.978	-0.036
151.000	-0.036
151.022	-0.036
151.044	-0.036
151.067	-0.036
151.089	-0.036
151.111	-0.036
151.133	-0.036
151.155	-0.036
151.178	-0.036
151.200	-0.036
151.222	-0.036
151.244	-0.036
151.267	-0.036
151.289	-0.036
151.311	-0.036
151.333	-0.036
151.356	-0.036
151.378	-0.036
151.400	-0.036
151.422	-0.036
151.444	-0.036
151.467	-0.036
151.489	-0.036
151.511	-0.036
151.533	-0.036
151.556	-0.035
151.578	-0.035
151.600	-0.035
151.622	-0.035
151.644	-0.035
151.667	-0.035
151.689	-0.035
151.711	-0.035
151.733	-0.035
151.756	-0.035
151.778	-0.035
151.800	-0.035
151.822	-0.035
151.845	-0.035
151.867	-0.035
151.889	-0.035
151.911	-0.035
151.933	-0.035
151.956	-0.035
151.978	-0.035
152.000	-0.035
152.022	-0.035
152.044	-0.036
152.067	-0.036
152.089	-0.037
152.111	-0.038
152.133	-0.039
152.155	-0.040
152.178	-0.041
152.200	-0.042

152.222	-0.043
152.244	-0.044
152.267	-0.045
152.289	-0.046
152.311	-0.046
152.333	-0.047
152.356	-0.048
152.378	-0.048
152.400	-0.049
152.422	-0.049
152.444	-0.050
152.467	-0.050
152.489	-0.050
152.511	-0.051
152.533	-0.051
152.556	-0.051
152.578	-0.051
152.600	-0.051
152.622	-0.051
152.644	-0.051
152.667	-0.051
152.689	-0.051
152.711	-0.051
152.733	-0.051
152.756	-0.051
152.778	-0.051
152.800	-0.051
152.822	-0.051
152.845	-0.051
152.867	-0.051
152.889	-0.051
152.911	-0.050
152.933	-0.050
152.956	-0.050
152.978	-0.050
153.000	-0.050
153.022	-0.050
153.044	-0.049
153.067	-0.049
153.089	-0.049
153.111	-0.049
153.133	-0.049
153.155	-0.049
153.178	-0.049
153.200	-0.048
153.222	-0.048
153.244	-0.048
153.267	-0.048
153.289	-0.048
153.311	-0.048
153.333	-0.047
153.356	-0.047
153.378	-0.047
153.400	-0.047
153.422	-0.047
153.444	-0.047
153.467	-0.047
153.489	-0.046
153.511	-0.046
153.533	-0.046
153.556	-0.046
153.578	-0.046
153.600	-0.046
153.622	-0.046
153.644	-0.045

153.667	-0.045
153.689	-0.045
153.711	-0.045
153.733	-0.045
153.756	-0.045
153.778	-0.045
153.800	-0.045
153.822	-0.045
153.845	-0.044
153.867	-0.044
153.889	-0.044
153.911	-0.044
153.933	-0.044
153.956	-0.044
153.978	-0.044
154.000	-0.044
154.022	-0.044
154.044	-0.044
154.067	-0.044
154.089	-0.044
154.111	-0.043
154.133	-0.043
154.155	-0.043
154.178	-0.043
154.200	-0.043
154.222	-0.043
154.244	-0.043
154.267	-0.043
154.289	-0.043
154.311	-0.043
154.333	-0.043
154.356	-0.043
154.378	-0.043
154.400	-0.043
154.422	-0.042
154.444	-0.042
154.467	-0.042
154.489	-0.042
154.511	-0.042
154.533	-0.042
154.556	-0.042
154.578	-0.042
154.600	-0.042
154.622	-0.042
154.644	-0.042
154.667	-0.042
154.689	-0.042
154.711	-0.042
154.733	-0.042
154.756	-0.042
154.778	-0.042
154.800	-0.042
154.822	-0.041
154.845	-0.041
154.867	-0.041
154.889	-0.041
154.911	-0.041
154.933	-0.041
154.956	-0.041
154.978	-0.041
155.000	-0.041
155.022	-0.041
155.044	-0.041
155.067	-0.041
155.089	-0.041

155.111	-0.041
155.133	-0.041
155.155	-0.041
155.178	-0.041
155.200	-0.041
155.222	-0.041
155.244	-0.041
155.267	-0.041
155.289	-0.041
155.311	-0.041
155.333	-0.041
155.356	-0.041
155.378	-0.040
155.400	-0.040
155.422	-0.040
155.444	-0.040
155.467	-0.040
155.489	-0.040
155.511	-0.040
155.533	-0.040
155.556	-0.040
155.578	-0.040
155.600	-0.040
155.622	-0.040
155.644	-0.040
155.667	-0.040
155.689	-0.040
155.711	-0.040
155.733	-0.040
155.756	-0.040
155.778	-0.040
155.800	-0.040
155.822	-0.040
155.845	-0.040
155.867	-0.040
155.889	-0.040
155.911	-0.040
155.933	-0.040
155.956	-0.040
155.978	-0.040
156.000	-0.040
156.022	-0.040
156.044	-0.040
156.067	-0.040
156.089	-0.040
156.111	-0.040
156.133	-0.040
156.155	-0.039
156.178	-0.039
156.200	-0.039
156.222	-0.039
156.244	-0.039
156.267	-0.039
156.289	-0.039
156.311	-0.039
156.333	-0.039
156.356	-0.039
156.378	-0.039
156.400	-0.039
156.422	-0.039
156.444	-0.039
156.467	-0.039
156.489	-0.039
156.511	-0.039
156.533	-0.039

156.556	-0.039
156.578	-0.039
156.600	-0.039
156.622	-0.039
156.644	-0.039
156.667	-0.039
156.689	-0.039
156.711	-0.039
156.733	-0.039
156.756	-0.039
156.778	-0.039
156.800	-0.039
156.822	-0.039
156.845	-0.039
156.867	-0.039
156.889	-0.039
156.911	-0.039
156.933	-0.039
156.956	-0.039
156.978	-0.039
157.000	-0.039
157.022	-0.039
157.044	-0.039
157.067	-0.039
157.089	-0.039
157.111	-0.039
157.133	-0.039
157.155	-0.039
157.178	-0.039
157.200	-0.039
157.222	-0.039
157.244	-0.038
157.267	-0.038
157.289	-0.038
157.311	-0.038
157.333	-0.038
157.356	-0.038
157.378	-0.038
157.400	-0.038
157.422	-0.038
157.444	-0.038
157.467	-0.038
157.489	-0.038
157.511	-0.038
157.533	-0.038
157.556	-0.038
157.578	-0.038
157.600	-0.038
157.622	-0.038
157.644	-0.038
157.667	-0.038
157.689	-0.038
157.711	-0.038
157.733	-0.038
157.756	-0.038
157.778	-0.038
157.800	-0.038
157.822	-0.038
157.845	-0.038
157.867	-0.038
157.889	-0.038
157.911	-0.038
157.933	-0.038
157.956	-0.038
157.978	-0.038

158.000	-0.038
158.022	-0.038
158.044	-0.038
158.067	-0.038
158.089	-0.038
158.111	-0.038
158.133	-0.038
158.155	-0.038
158.178	-0.038
158.200	-0.038
158.222	-0.038
158.244	-0.038
158.267	-0.038
158.289	-0.038
158.311	-0.038
158.333	-0.038
158.356	-0.038
158.378	-0.038
158.400	-0.038
158.422	-0.038
158.444	-0.038
158.467	-0.038
158.489	-0.038
158.511	-0.038
158.533	-0.038
158.556	-0.038
158.578	-0.038
158.600	-0.038
158.622	-0.038
158.644	-0.038
158.667	-0.038
158.689	-0.038
158.711	-0.038
158.733	-0.038
158.756	-0.037
158.778	-0.037
158.800	-0.037
158.822	-0.037
158.845	-0.037
158.867	-0.037
158.889	-0.037
158.911	-0.037
158.933	-0.037
158.956	-0.037
158.978	-0.037
159.000	-0.037
159.022	-0.037
159.044	-0.037
159.067	-0.037
159.089	-0.037
159.111	-0.037
159.133	-0.037
159.155	-0.037
159.178	-0.037
159.200	-0.037
159.222	-0.037
159.244	-0.037
159.267	-0.037
159.289	-0.037
159.311	-0.037
159.333	-0.037
159.356	-0.037
159.378	-0.037
159.400	-0.037
159.422	-0.037

159.444	-0.037
159.467	-0.037
159.489	-0.037
159.511	-0.037
159.533	-0.037
159.556	-0.037
159.578	-0.037
159.600	-0.037
159.622	-0.037
159.644	-0.037
159.667	-0.037
159.689	-0.037
159.711	-0.037
159.733	-0.037
159.756	-0.037
159.778	-0.037
159.800	-0.037
159.822	-0.037
159.845	-0.037
159.867	-0.037
159.889	-0.037
159.911	-0.037
159.933	-0.037
159.956	-0.037
159.978	-0.037
160.000	-0.037
160.022	-0.037
160.044	-0.036
160.067	-0.036
160.089	-0.035
160.111	-0.033
160.133	-0.032
160.155	-0.031
160.178	-0.030
160.200	-0.029
160.222	-0.028
160.244	-0.027
160.267	-0.026
160.289	-0.025
160.311	-0.025
160.333	-0.024
160.356	-0.024
160.378	-0.023
160.400	-0.023
160.422	-0.022
160.444	-0.022
160.467	-0.022
160.489	-0.022
160.511	-0.021
160.533	-0.021
160.556	-0.021
160.578	-0.021
160.600	-0.021
160.622	-0.021
160.644	-0.021
160.667	-0.021
160.689	-0.021
160.711	-0.021
160.733	-0.021
160.756	-0.021
160.778	-0.021
160.800	-0.021
160.822	-0.021
160.845	-0.021
160.867	-0.021

160.889	-0.021
160.911	-0.021
160.933	-0.022
160.956	-0.022
160.978	-0.022
161.000	-0.022
161.022	-0.022
161.044	-0.022
161.067	-0.022
161.089	-0.022
161.111	-0.022
161.133	-0.022
161.155	-0.023
161.178	-0.023
161.200	-0.023
161.222	-0.023
161.244	-0.023
161.267	-0.023
161.289	-0.023
161.311	-0.023
161.333	-0.023
161.356	-0.023
161.378	-0.023
161.400	-0.024
161.422	-0.024
161.444	-0.024
161.467	-0.024
161.489	-0.024
161.511	-0.024
161.533	-0.024
161.556	-0.024
161.578	-0.024
161.600	-0.024
161.622	-0.024
161.644	-0.025
161.667	-0.025
161.689	-0.025
161.711	-0.025
161.733	-0.025
161.756	-0.025
161.778	-0.025
161.800	-0.025
161.822	-0.025
161.845	-0.025
161.867	-0.025
161.889	-0.025
161.911	-0.025
161.933	-0.025
161.956	-0.026
161.978	-0.026
162.000	-0.026
162.022	-0.026
162.044	-0.026
162.067	-0.026
162.089	-0.026
162.111	-0.026
162.133	-0.026
162.155	-0.026
162.178	-0.026
162.200	-0.026
162.222	-0.026
162.244	-0.026
162.267	-0.026
162.289	-0.026
162.311	-0.026

162.333	-0.026
162.356	-0.027
162.378	-0.027
162.400	-0.027
162.422	-0.027
162.444	-0.027
162.467	-0.027
162.489	-0.027
162.511	-0.027
162.533	-0.027
162.556	-0.027
162.578	-0.027
162.600	-0.027
162.622	-0.027
162.644	-0.027
162.667	-0.027
162.689	-0.027
162.711	-0.027
162.733	-0.027
162.756	-0.027
162.778	-0.027
162.800	-0.027
162.822	-0.027
162.845	-0.027
162.867	-0.027
162.889	-0.027
162.911	-0.028
162.933	-0.028
162.956	-0.028
162.978	-0.028
163.000	-0.028
163.022	-0.028
163.044	-0.028
163.067	-0.028
163.089	-0.028
163.111	-0.028
163.133	-0.028
163.155	-0.028
163.178	-0.028
163.200	-0.028
163.222	-0.028
163.244	-0.028
163.267	-0.028
163.289	-0.028
163.311	-0.028
163.333	-0.028
163.356	-0.028
163.378	-0.028
163.400	-0.028
163.422	-0.028
163.444	-0.028
163.467	-0.028
163.489	-0.028
163.511	-0.028
163.533	-0.028
163.556	-0.028
163.578	-0.028
163.600	-0.028
163.622	-0.028
163.644	-0.028
163.667	-0.028
163.689	-0.028
163.711	-0.028
163.733	-0.028
163.756	-0.028

163.778	-0.029
163.800	-0.029
163.822	-0.029
163.845	-0.029
163.867	-0.029
163.889	-0.029
163.911	-0.029
163.933	-0.029
163.956	-0.029
163.978	-0.029
164.000	-0.029
164.022	-0.029
164.044	-0.029
164.067	-0.029
164.089	-0.029
164.111	-0.029
164.133	-0.029
164.155	-0.029
164.178	-0.029
164.200	-0.029
164.222	-0.029
164.244	-0.029
164.267	-0.029
164.289	-0.029
164.311	-0.029
164.333	-0.029
164.356	-0.029
164.378	-0.029
164.400	-0.029
164.422	-0.029
164.444	-0.029
164.467	-0.029
164.489	-0.029
164.511	-0.029
164.533	-0.029
164.556	-0.029
164.578	-0.029
164.600	-0.029
164.622	-0.029
164.644	-0.029
164.667	-0.029
164.689	-0.029
164.711	-0.029
164.733	-0.029
164.756	-0.029
164.778	-0.029
164.800	-0.029
164.822	-0.029
164.845	-0.029
164.867	-0.029
164.889	-0.029
164.911	-0.029
164.933	-0.029
164.956	-0.029
164.978	-0.029
165.000	-0.029
165.022	-0.029
165.044	-0.029
165.067	-0.029
165.089	-0.029
165.111	-0.029
165.133	-0.029
165.155	-0.029
165.178	-0.029
165.200	-0.029

165.222	-0.029
165.244	-0.029
165.267	-0.029
165.289	-0.029
165.311	-0.029
165.333	-0.029
165.356	-0.029
165.378	-0.029
165.400	-0.029
165.422	-0.029
165.444	-0.029
165.467	-0.029
165.489	-0.029
165.511	-0.029
165.533	-0.029
165.556	-0.029
165.578	-0.029
165.600	-0.029
165.622	-0.029
165.644	-0.029
165.667	-0.029
165.689	-0.029
165.711	-0.029
165.733	-0.029
165.756	-0.029
165.778	-0.029
165.800	-0.030
165.822	-0.030
165.845	-0.030
165.867	-0.030
165.889	-0.030
165.911	-0.030
165.933	-0.030
165.956	-0.030
165.978	-0.030
166.000	-0.030
166.022	-0.030
166.044	-0.030
166.067	-0.030
166.089	-0.030
166.111	-0.030
166.133	-0.030
166.155	-0.030
166.178	-0.030
166.200	-0.030
166.222	-0.030
166.244	-0.030
166.267	-0.030
166.289	-0.030
166.311	-0.030
166.333	-0.030
166.356	-0.030
166.378	-0.030
166.400	-0.030
166.422	-0.030
166.444	-0.030
166.467	-0.030
166.489	-0.030
166.511	-0.030
166.533	-0.030
166.556	-0.030
166.578	-0.030
166.600	-0.030
166.622	-0.030
166.644	-0.030

166.667	-0.030
166.689	-0.030
166.711	-0.030
166.733	-0.030
166.756	-0.030
166.778	-0.030
166.800	-0.030
166.822	-0.030
166.845	-0.030
166.867	-0.030
166.889	-0.030
166.911	-0.030
166.933	-0.030
166.956	-0.030
166.978	-0.030
167.000	-0.030
167.022	-0.030
167.044	-0.030
167.067	-0.030
167.089	-0.030
167.111	-0.030
167.133	-0.030
167.155	-0.030
167.178	-0.030
167.200	-0.030
167.222	-0.030
167.244	-0.030
167.267	-0.030
167.289	-0.030
167.311	-0.030
167.333	-0.030
167.356	-0.030
167.378	-0.030
167.400	-0.030
167.422	-0.030
167.444	-0.030
167.467	-0.030
167.489	-0.030
167.511	-0.030
167.533	-0.030
167.556	-0.030
167.578	-0.030
167.600	-0.030
167.622	-0.030
167.644	-0.030
167.667	-0.030
167.689	-0.030
167.711	-0.030
167.733	-0.030
167.756	-0.030
167.778	-0.030
167.800	-0.030
167.822	-0.030
167.845	-0.030
167.867	-0.030
167.889	-0.030
167.911	-0.030
167.933	-0.030
167.956	-0.030
167.978	-0.030
168.000	-0.030
168.022	-0.030
168.044	-0.030
168.067	-0.030
168.089	-0.029

168.111	-0.029
168.133	-0.029
168.155	-0.029
168.178	-0.028
168.200	-0.028
168.222	-0.028
168.244	-0.028
168.267	-0.027
168.289	-0.027
168.311	-0.027
168.333	-0.027
168.356	-0.027
168.378	-0.027
168.400	-0.026
168.422	-0.026
168.444	-0.026
168.467	-0.026
168.489	-0.026
168.511	-0.026
168.533	-0.026
168.556	-0.026
168.578	-0.026
168.600	-0.026
168.622	-0.025
168.644	-0.025
168.667	-0.025
168.689	-0.025
168.711	-0.025
168.733	-0.025
168.756	-0.025
168.778	-0.025
168.800	-0.025
168.822	-0.025
168.845	-0.025
168.867	-0.025
168.889	-0.025
168.911	-0.025
288.911	-0.003
408.911	-0.002
504.911	-0.001
528.911	-0.001
648.911	-0.000
768.911	0.000
888.911	0.000

Name: Hyd-8 Node: Node108 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000

0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	-0.000
1.111	-0.000
1.133	-0.001
1.156	-0.003
1.178	-0.006
1.200	-0.011
1.222	-0.019
1.244	-0.028
1.267	-0.038
1.289	-0.050
1.311	-0.062
1.333	-0.070
1.356	-0.072
1.378	-0.073
1.400	-0.074
1.422	-0.076
1.444	-0.078
1.467	-0.080
1.489	-0.083
1.511	-0.086
1.533	-0.089
1.556	-0.092
1.578	-0.095
1.600	-0.099
1.622	-0.102
1.644	-0.106
1.667	-0.110
1.689	-0.113
1.711	-0.117
1.733	-0.121
1.756	-0.125

1.778	-0.128
1.800	-0.132
1.822	-0.136
1.844	-0.140
1.867	-0.143
1.889	-0.147
1.911	-0.151
1.933	-0.154
1.956	-0.158
1.978	-0.162
2.000	-0.165
2.022	-0.169
2.044	-0.173
2.067	-0.176
2.089	-0.180
2.111	-0.185
2.133	-0.189
2.156	-0.193
2.178	-0.198
2.200	-0.202
2.222	-0.207
2.244	-0.211
2.267	-0.216
2.289	-0.221
2.311	-0.225
2.333	-0.230
2.356	-0.234
2.378	-0.239
2.400	-0.243
2.422	-0.248
2.444	-0.252
2.467	-0.257
2.489	-0.261
2.511	-0.265
2.533	-0.269
2.556	-0.274
2.578	-0.278
2.600	-0.282
2.622	-0.286
2.644	-0.290
2.667	-0.294
2.689	-0.298
2.711	-0.302
2.733	-0.306
2.756	-0.309
2.778	-0.313
2.800	-0.317
2.822	-0.321
2.844	-0.324
2.867	-0.328
2.889	-0.331
2.911	-0.335
2.933	-0.338
2.956	-0.342
2.978	-0.345
3.000	-0.349
3.022	-0.352
3.044	-0.356
3.067	-0.360
3.089	-0.366
3.111	-0.372
3.133	-0.379
3.156	-0.387
3.178	-0.395
3.200	-0.404

3.222	-0.412
3.244	-0.422
3.267	-0.431
3.289	-0.440
3.311	-0.450
3.333	-0.459
3.356	-0.468
3.378	-0.478
3.400	-0.487
3.422	-0.496
3.444	-0.505
3.467	-0.515
3.489	-0.524
3.511	-0.533
3.533	-0.541
3.556	-0.548
3.578	-0.550
3.600	-0.550
3.622	-0.550
3.644	-0.550
3.667	-0.550
3.689	-0.550
3.711	-0.550
3.733	-0.550
3.756	-0.550
3.778	-1.355
3.800	-1.754
3.822	-1.300
3.844	-1.208
3.867	-1.125
3.889	-1.052
3.911	-0.987
3.933	-0.929
3.956	-0.879
3.978	-0.834
4.000	-0.793
4.022	-0.757
4.044	-0.723
4.067	-0.690
4.089	-0.658
4.111	-0.628
4.133	-0.600
4.156	-0.574
4.178	-0.551
4.200	-0.529
4.222	-0.510
4.244	-0.492
4.267	-0.476
4.289	-0.461
4.311	-0.448
4.333	-0.435
4.356	-0.424
4.378	-0.413
4.400	-0.403
4.422	-0.394
4.444	-0.385
4.467	-0.377
4.489	-0.369
4.511	-0.362
4.533	-0.356
4.556	-0.350
4.578	-0.344
4.600	-0.338
4.622	-0.333
4.644	-0.328

4.667	-0.324
4.689	-0.319
4.711	-0.315
4.733	-0.311
4.756	-0.307
4.778	-0.304
4.800	-0.301
4.822	-0.297
4.844	-0.294
4.867	-0.291
4.889	-0.288
4.911	-0.286
4.933	-0.283
4.956	-0.280
4.978	-0.278
5.000	-0.276
5.022	-0.273
5.044	-0.270
5.067	-0.266
5.089	-0.262
5.111	-0.257
5.133	-0.253
5.156	-0.248
5.178	-0.244
5.200	-0.240
5.222	-0.237
5.244	-0.233
5.267	-0.230
5.289	-0.228
5.311	-0.225
5.333	-0.222
5.356	-0.220
5.378	-0.218
5.400	-0.216
5.422	-0.214
5.444	-0.212
5.467	-0.210
5.489	-0.208
5.511	-0.207
5.533	-0.205
5.556	-0.204
5.578	-0.203
5.600	-0.201
5.622	-0.200
5.644	-0.199
5.667	-0.198
5.689	-0.197
5.711	-0.196
5.733	-0.194
5.756	-0.194
5.778	-0.193
5.800	-0.192
5.822	-0.191
5.844	-0.190
5.867	-0.189
5.889	-0.188
5.911	-0.188
5.933	-0.187
5.956	-0.186
5.978	-0.185
6.000	-0.185
6.022	-0.184
6.044	-0.183
6.067	-0.182
6.089	-0.181

6.111	-0.181
6.133	-0.180
6.156	-0.179
6.178	-0.178
6.200	-0.177
6.222	-0.176
6.244	-0.175
6.267	-0.175
6.289	-0.174
6.311	-0.173
6.333	-0.172
6.356	-0.172
6.378	-0.171
6.400	-0.170
6.422	-0.170
6.444	-0.169
6.467	-0.169
6.489	-0.168
6.511	-0.167
6.533	-0.167
6.556	-0.166
6.578	-0.166
6.600	-0.165
6.622	-0.165
6.644	-0.164
6.667	-0.164
6.689	-0.163
6.711	-0.162
6.733	-0.162
6.756	-0.162
6.778	-0.161
6.800	-0.161
6.822	-0.160
6.844	-0.160
6.867	-0.159
6.889	-0.159
6.911	-0.158
6.933	-0.158
6.956	-0.157
6.978	-0.157
7.000	-0.157
7.022	-0.156
7.044	-0.156
7.067	-0.155
7.089	-0.154
7.111	-0.153
7.133	-0.152
7.156	-0.151
7.178	-0.151
7.200	-0.150
7.222	-0.149
7.244	-0.148
7.267	-0.148
7.289	-0.147
7.311	-0.146
7.333	-0.146
7.356	-0.145
7.378	-0.144
7.400	-0.144
7.422	-0.143
7.444	-0.143
7.467	-0.142
7.489	-0.142
7.511	-0.141
7.533	-0.141

7.556	-0.140
7.578	-0.140
7.600	-0.140
7.622	-0.139
7.644	-0.139
7.667	-0.138
7.689	-0.138
7.711	-0.138
7.733	-0.137
7.756	-0.137
7.778	-0.137
7.800	-0.136
7.822	-0.136
7.844	-0.136
7.867	-0.135
7.889	-0.135
7.911	-0.135
7.933	-0.134
7.956	-0.134
7.978	-0.134
8.000	-0.134
8.022	-0.133
8.044	-0.133
8.067	-0.132
8.089	-0.131
8.111	-0.131
8.133	-0.130
8.156	-0.129
8.178	-0.128
8.200	-0.127
8.222	-0.126
8.244	-0.125
8.267	-0.125
8.289	-0.124
8.311	-0.123
8.333	-0.122
8.356	-0.122
8.378	-0.121
8.400	-0.121
8.422	-0.120
8.444	-0.120
8.467	-0.119
8.489	-0.119
8.511	-0.118
8.533	-0.118
8.556	-0.117
8.578	-0.117
8.600	-0.117
8.622	-0.116
8.644	-0.116
8.667	-0.115
8.689	-0.115
8.711	-0.115
8.733	-0.114
8.756	-0.114
8.778	-0.114
8.800	-0.113
8.822	-0.113
8.844	-0.112
8.867	-0.112
8.889	-0.112
8.911	-0.112
128.911	-0.006
248.911	-0.000
344.911	0.000

368.911	0.000
488.911	0.000
608.911	0.000
728.911	0.000

Name: Hyd-10 Node: Node108 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000

1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
2.422	0.000
2.444	0.000
2.467	0.000
2.489	0.000
2.511	0.000
2.533	0.000
2.556	0.000
2.578	0.000
2.600	0.000
2.622	0.000
2.644	0.000

2.667	0.000
2.689	0.000
2.711	0.000
2.733	0.000
2.756	0.000
2.778	0.000
2.800	0.000
2.822	0.000
2.844	0.000
2.867	0.000
2.889	0.000
2.911	0.000
2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
3.067	0.000
3.089	0.000
3.111	0.000
3.133	0.000
3.156	0.000
3.178	0.000
3.200	0.000
3.222	0.000
3.244	0.000
3.267	0.000
3.289	0.000
3.311	0.000
3.333	0.000
3.356	0.000
3.378	0.000
3.400	0.000
3.422	0.000
3.444	0.000
3.467	0.000
3.489	0.000
3.511	0.000
3.533	0.000
3.556	0.000
3.578	0.000
3.600	0.000
3.622	0.000
3.644	0.000
3.667	0.000
3.689	0.000
3.711	0.000
3.733	0.000
3.756	0.000
3.778	0.000
3.800	0.000
3.822	0.000
3.844	0.000
3.867	0.000
3.889	0.000
3.911	0.000
3.933	0.000
3.956	0.000
3.978	0.000
4.000	0.000
4.022	0.000
4.044	0.000
4.067	0.000
4.089	0.000

4.111	0.000
4.133	0.000
4.156	0.000
4.178	0.000
4.200	0.000
4.222	0.000
4.244	0.000
4.267	0.000
4.289	0.000
4.311	0.000
4.333	0.000
4.356	0.000
4.378	0.000
4.400	0.000
4.422	0.000
4.444	0.000
4.467	0.000
4.489	0.000
4.511	0.000
4.533	0.000
4.556	0.000
4.578	0.000
4.600	0.000
4.622	0.000
4.644	0.000
4.667	0.000
4.689	0.000
4.711	0.000
4.733	0.000
4.756	0.000
4.778	0.000
4.800	0.000
4.822	0.000
4.844	0.000
4.867	0.000
4.889	0.000
4.911	0.000
4.933	0.000
4.956	0.000
4.978	0.000
5.000	0.000
5.022	0.000
5.044	0.000
5.067	0.000
5.089	0.000
5.111	0.000
5.133	0.000
5.156	0.000
5.178	0.000
5.200	0.000
5.222	0.000
5.244	0.000
5.267	0.000
5.289	0.000
5.311	0.000
5.333	0.000
5.356	0.000
5.378	0.000
5.400	0.000
5.422	0.000
5.444	0.000
5.467	0.000
5.489	0.000
5.511	0.000
5.533	0.000

5.556	0.000
5.578	0.000
5.600	0.000
5.622	0.000
5.644	0.000
5.667	0.000
5.689	0.000
5.711	0.000
5.733	0.000
5.756	0.000
5.778	0.000
5.800	0.000
5.822	0.000
5.844	0.000
5.867	0.000
5.889	0.000
5.911	0.000
5.933	0.000
5.956	0.000
5.978	0.000
6.000	0.000
6.022	0.000
6.044	0.000
6.067	0.000
6.089	0.000
6.111	0.000
6.133	0.000
6.156	0.000
6.178	0.000
6.200	0.000
6.222	0.000
6.244	0.000
6.267	0.000
6.289	0.000
6.311	0.000
6.333	0.000
6.356	0.000
6.378	0.000
6.400	0.000
6.422	0.000
6.444	0.000
6.467	0.000
6.489	0.000
6.511	0.000
6.533	0.000
6.556	0.000
6.578	0.000
6.600	0.000
6.622	0.000
6.644	0.000
6.667	0.000
6.689	0.000
6.711	0.000
6.733	0.000
6.756	0.000
6.778	0.000
6.800	0.000
6.822	0.000
6.844	0.000
6.867	0.000
6.889	0.000
6.911	0.000
6.933	0.000
6.956	0.000
6.978	0.000

7.000	0.000
7.022	0.000
7.044	0.000
7.067	0.000
7.089	0.000
7.111	0.000
7.133	0.000
7.156	0.000
7.178	0.000
7.200	0.000
7.222	0.000
7.244	0.000
7.267	0.000
7.289	0.000
7.311	0.000
7.333	0.000
7.356	0.000
7.378	0.000
7.400	0.000
7.422	0.000
7.444	0.000
7.467	0.000
7.489	0.000
7.511	0.000
7.533	0.000
7.556	0.000
7.578	0.000
7.600	0.000
7.622	0.000
7.644	0.000
7.667	0.000
7.689	0.000
7.711	-0.000
7.733	-0.000
7.756	-0.000
7.778	-0.000
7.800	-0.000
7.822	-0.000
7.844	-0.000
7.867	-0.000
7.889	-0.000
7.911	-0.000
7.933	-0.000
7.956	-0.000
7.978	-0.000
8.000	-0.000
8.022	-0.000
8.044	-0.000
8.067	-0.000
8.089	-0.000
8.111	-0.000
8.133	-0.000
8.156	-0.000
8.178	-0.000
8.200	-0.000
8.222	-0.000
8.244	-0.001
8.267	-0.001
8.289	-0.001
8.311	-0.001
8.333	-0.001
8.356	-0.001
8.378	-0.001
8.400	-0.001
8.422	-0.001

8.444	-0.001
8.467	-0.001
8.489	-0.001
8.511	-0.001
8.533	-0.001
8.556	-0.001
8.578	-0.001
8.600	-0.001
8.622	-0.001
8.644	-0.001
8.667	-0.001
8.689	-0.001
8.711	-0.001
8.733	-0.001
8.756	-0.001
8.778	-0.001
8.800	-0.001
8.822	-0.001
8.844	-0.001
8.867	-0.001
8.889	-0.001
8.911	-0.001
8.933	-0.002
8.956	-0.002
8.978	-0.002
9.000	-0.002
9.022	-0.002
9.044	-0.002
9.067	-0.002
9.089	-0.002
9.111	-0.002
9.133	-0.002
9.156	-0.002
9.178	-0.002
9.200	-0.002
9.222	-0.002
9.244	-0.002
9.267	-0.002
9.289	-0.002
9.311	-0.002
9.333	-0.002
9.356	-0.002
9.378	-0.002
9.400	-0.002
9.422	-0.002
9.444	-0.002
9.467	-0.002
9.489	-0.002
9.511	-0.002
9.533	-0.002
9.556	-0.002
9.578	-0.002
9.600	-0.002
9.622	-0.002
9.644	-0.003
9.667	-0.003
9.689	-0.003
9.711	-0.003
9.733	-0.003
9.756	-0.003
9.778	-0.003
9.800	-0.003
9.822	-0.003
9.844	-0.003
9.867	-0.003

9.889	-0.003
9.911	-0.003
9.933	-0.003
9.956	-0.003
9.978	-0.003
10.000	-0.003
10.022	-0.003
10.044	-0.003
10.067	-0.003
10.089	-0.003
10.111	-0.003
10.133	-0.003
10.156	-0.003
10.178	-0.003
10.200	-0.003
10.222	-0.003
10.244	-0.003
10.267	-0.003
10.289	-0.003
10.311	-0.003
10.333	-0.003
10.356	-0.003
10.378	-0.003
10.400	-0.003
10.422	-0.004
10.444	-0.004
10.467	-0.004
10.489	-0.004
10.511	-0.004
10.533	-0.004
10.556	-0.004
10.578	-0.004
10.600	-0.004
10.622	-0.004
10.644	-0.004
10.667	-0.004
10.689	-0.004
10.711	-0.004
10.733	-0.004
10.756	-0.004
10.778	-0.004
10.800	-0.004
10.822	-0.004
10.844	-0.004
10.867	-0.004
10.889	-0.004
10.911	-0.004
10.933	-0.004
10.956	-0.004
10.978	-0.004
11.000	-0.004
11.022	-0.004
11.044	-0.004
11.067	-0.004
11.089	-0.004
11.111	-0.004
11.133	-0.004
11.156	-0.004
11.178	-0.004
11.200	-0.004
11.222	-0.004
11.244	-0.005
11.267	-0.005
11.289	-0.005
11.311	-0.005

11.333	-0.005
11.356	-0.005
11.378	-0.005
11.400	-0.005
11.422	-0.005
11.444	-0.005
11.467	-0.005
11.489	-0.005
11.511	-0.005
11.533	-0.005
11.556	-0.005
11.578	-0.005
11.600	-0.005
11.622	-0.005
11.644	-0.005
11.667	-0.005
11.689	-0.005
11.711	-0.005
11.733	-0.005
11.756	-0.005
11.778	-0.005
11.800	-0.005
11.822	-0.005
11.844	-0.005
11.867	-0.005
11.889	-0.005
11.911	-0.005
11.933	-0.005
11.956	-0.005
11.978	-0.005
12.000	-0.005
12.022	-0.005
12.044	-0.005
12.067	-0.005
12.089	-0.005
12.111	-0.006
12.133	-0.006
12.156	-0.006
12.178	-0.006
12.200	-0.006
12.222	-0.006
12.244	-0.006
12.267	-0.006
12.289	-0.006
12.311	-0.006
12.333	-0.006
12.356	-0.006
12.378	-0.006
12.400	-0.006
12.422	-0.006
12.444	-0.006
12.467	-0.006
12.489	-0.006
12.511	-0.006
12.533	-0.006
12.556	-0.006
12.578	-0.006
12.600	-0.006
12.622	-0.006
12.644	-0.006
12.667	-0.006
12.689	-0.006
12.711	-0.006
12.733	-0.006
12.756	-0.006

12.778	-0.006
12.800	-0.006
12.822	-0.006
12.844	-0.006
12.867	-0.006
12.889	-0.006
12.911	-0.006
12.933	-0.006
12.956	-0.006
12.978	-0.006
13.000	-0.006
13.022	-0.006
13.044	-0.007
13.067	-0.007
13.089	-0.007
13.111	-0.007
13.133	-0.007
13.156	-0.007
13.178	-0.007
13.200	-0.007
13.222	-0.007
13.244	-0.007
13.267	-0.007
13.289	-0.007
13.311	-0.007
13.333	-0.007
13.356	-0.007
13.378	-0.007
13.400	-0.007
13.422	-0.007
13.444	-0.007
13.467	-0.007
13.489	-0.007
13.511	-0.007
13.533	-0.007
13.556	-0.007
13.578	-0.007
13.600	-0.007
13.622	-0.007
13.644	-0.007
13.667	-0.007
13.689	-0.007
13.711	-0.007
13.733	-0.007
13.756	-0.007
13.778	-0.007
13.800	-0.007
13.822	-0.007
13.844	-0.007
13.867	-0.007
13.889	-0.007
13.911	-0.007
13.933	-0.007
13.956	-0.007
13.978	-0.007
14.000	-0.007
14.022	-0.007
14.044	-0.007
14.067	-0.008
14.089	-0.008
14.111	-0.008
14.133	-0.008
14.156	-0.008
14.178	-0.008
14.200	-0.008

14.222	-0.008
14.244	-0.008
14.267	-0.008
14.289	-0.008
14.311	-0.008
14.333	-0.008
14.356	-0.008
14.378	-0.008
14.400	-0.008
14.422	-0.008
14.444	-0.008
14.467	-0.008
14.489	-0.008
14.511	-0.008
14.533	-0.008
14.556	-0.008
14.578	-0.008
14.600	-0.008
14.622	-0.008
14.644	-0.008
14.667	-0.008
14.689	-0.008
14.711	-0.008
14.733	-0.008
14.756	-0.008
14.778	-0.008
14.800	-0.008
14.822	-0.008
14.844	-0.008
14.867	-0.008
14.889	-0.008
14.911	-0.008
14.933	-0.008
14.956	-0.008
14.978	-0.008
15.000	-0.008
15.022	-0.008
15.044	-0.008
15.067	-0.008
15.089	-0.008
15.111	-0.008
15.133	-0.009
15.156	-0.009
15.178	-0.009
15.200	-0.009
15.222	-0.009
15.244	-0.009
15.267	-0.009
15.289	-0.009
15.311	-0.009
15.333	-0.009
15.356	-0.009
15.378	-0.009
15.400	-0.009
15.422	-0.009
15.444	-0.009
15.467	-0.009
15.489	-0.009
15.511	-0.009
15.533	-0.009
15.556	-0.009
15.578	-0.009
15.600	-0.009
15.622	-0.009
15.644	-0.009

15.667	-0.009
15.689	-0.009
15.711	-0.009
15.733	-0.009
15.756	-0.009
15.778	-0.009
15.800	-0.009
15.822	-0.009
15.844	-0.009
15.867	-0.009
15.889	-0.009
15.911	-0.009
15.933	-0.009
15.956	-0.009
15.978	-0.009
16.000	-0.009
16.022	-0.009
16.044	-0.009
16.067	-0.009
16.089	-0.009
16.111	-0.009
16.133	-0.009
16.156	-0.009
16.178	-0.009
16.200	-0.009
16.222	-0.009
16.244	-0.009
16.267	-0.009
16.289	-0.009
16.311	-0.009
16.333	-0.009
16.356	-0.009
16.378	-0.009
16.400	-0.009
16.422	-0.009
16.444	-0.009
16.467	-0.009
16.489	-0.009
16.511	-0.009
16.533	-0.009
16.556	-0.009
16.578	-0.009
16.600	-0.009
16.622	-0.009
16.644	-0.009
16.667	-0.009
16.689	-0.009
16.711	-0.009
16.733	-0.009
16.756	-0.009
16.778	-0.009
16.800	-0.009
16.822	-0.009
16.844	-0.009
16.867	-0.009
16.889	-0.009
16.911	-0.009
16.933	-0.009
16.956	-0.009
16.978	-0.009
17.000	-0.009
17.022	-0.009
17.044	-0.009
17.067	-0.009
17.089	-0.009

17.111	-0.009
17.133	-0.009
17.156	-0.009
17.178	-0.009
17.200	-0.009
17.222	-0.009
17.244	-0.009
17.267	-0.010
17.289	-0.010
17.311	-0.010
17.333	-0.010
17.356	-0.010
17.378	-0.010
17.400	-0.010
17.422	-0.010
17.444	-0.010
17.467	-0.010
17.489	-0.010
17.511	-0.010
17.533	-0.010
17.556	-0.010
17.578	-0.010
17.600	-0.010
17.622	-0.010
17.644	-0.010
17.667	-0.010
17.689	-0.010
17.711	-0.010
17.733	-0.010
17.756	-0.010
17.778	-0.010
17.800	-0.010
17.822	-0.010
17.844	-0.010
17.867	-0.010
17.889	-0.010
17.911	-0.010
17.933	-0.010
17.956	-0.010
17.978	-0.010
18.000	-0.010
18.022	-0.010
18.044	-0.010
18.067	-0.010
18.089	-0.010
18.111	-0.010
18.133	-0.010
18.156	-0.010
18.178	-0.010
18.200	-0.010
18.222	-0.010
18.244	-0.010
18.267	-0.010
18.289	-0.010
18.311	-0.010
18.333	-0.010
18.356	-0.010
18.378	-0.010
18.400	-0.010
18.422	-0.010
18.444	-0.010
18.467	-0.010
18.489	-0.010
18.511	-0.010
18.533	-0.010

18.556	-0.010
18.578	-0.010
18.600	-0.010
18.622	-0.010
18.644	-0.010
18.667	-0.010
18.689	-0.010
18.711	-0.010
18.733	-0.010
18.756	-0.010
18.778	-0.010
18.800	-0.010
18.822	-0.011
18.844	-0.011
18.867	-0.011
18.889	-0.011
18.911	-0.011
18.933	-0.011
18.956	-0.011
18.978	-0.011
19.000	-0.011
19.022	-0.011
19.044	-0.011
19.067	-0.011
19.089	-0.011
19.111	-0.011
19.133	-0.011
19.156	-0.011
19.178	-0.011
19.200	-0.011
19.222	-0.011
19.244	-0.011
19.267	-0.011
19.289	-0.011
19.311	-0.011
19.333	-0.011
19.356	-0.011
19.378	-0.011
19.400	-0.011
19.422	-0.011
19.444	-0.011
19.467	-0.011
19.489	-0.011
19.511	-0.011
19.533	-0.011
19.556	-0.011
19.578	-0.011
19.600	-0.011
19.622	-0.011
19.644	-0.011
19.667	-0.011
19.689	-0.011
19.711	-0.011
19.733	-0.011
19.756	-0.011
19.778	-0.011
19.800	-0.011
19.822	-0.011
19.844	-0.011
19.867	-0.011
19.889	-0.011
19.911	-0.011
19.933	-0.011
19.956	-0.011
19.978	-0.011

20.000	-0.011
20.022	-0.011
20.044	-0.011
20.067	-0.011
20.089	-0.011
20.111	-0.011
20.133	-0.011
20.156	-0.011
20.178	-0.011
20.200	-0.011
20.222	-0.011
20.244	-0.011
20.267	-0.011
20.289	-0.011
20.311	-0.011
20.333	-0.011
20.356	-0.011
20.378	-0.011
20.400	-0.011
20.422	-0.011
20.444	-0.011
20.467	-0.011
20.489	-0.011
20.511	-0.011
20.533	-0.011
20.556	-0.012
20.578	-0.012
20.600	-0.012
20.622	-0.012
20.644	-0.012
20.667	-0.012
20.689	-0.012
20.711	-0.012
20.733	-0.012
20.756	-0.012
20.778	-0.012
20.800	-0.012
20.822	-0.012
20.844	-0.012
20.867	-0.012
20.889	-0.012
20.911	-0.012
20.933	-0.012
20.956	-0.012
20.978	-0.012
21.000	-0.012
21.022	-0.012
21.044	-0.012
21.067	-0.012
21.089	-0.012
21.111	-0.012
21.133	-0.012
21.156	-0.012
21.178	-0.012
21.200	-0.012
21.222	-0.012
21.244	-0.012
21.267	-0.012
21.289	-0.012
21.311	-0.012
21.333	-0.012
21.356	-0.012
21.378	-0.012
21.400	-0.012
21.422	-0.012

21.444	-0.012
21.467	-0.012
21.489	-0.012
21.511	-0.012
21.533	-0.012
21.556	-0.012
21.578	-0.012
21.600	-0.012
21.622	-0.012
21.644	-0.012
21.667	-0.012
21.689	-0.012
21.711	-0.012
21.733	-0.012
21.756	-0.012
21.778	-0.012
21.800	-0.012
21.822	-0.012
21.844	-0.012
21.867	-0.012
21.889	-0.012
21.911	-0.012
21.933	-0.012
21.956	-0.012
21.978	-0.012
22.000	-0.012
22.022	-0.012
22.044	-0.012
22.067	-0.012
22.089	-0.012
22.111	-0.012
22.133	-0.012
22.156	-0.012
22.178	-0.012
22.200	-0.012
22.222	-0.012
22.244	-0.012
22.267	-0.012
22.289	-0.012
22.311	-0.012
22.333	-0.012
22.356	-0.012
22.378	-0.012
22.400	-0.012
22.422	-0.012
22.444	-0.012
22.467	-0.013
22.489	-0.013
22.511	-0.013
22.533	-0.013
22.556	-0.013
22.578	-0.013
22.600	-0.013
22.622	-0.013
22.644	-0.013
22.667	-0.013
22.689	-0.013
22.711	-0.013
22.733	-0.013
22.756	-0.013
22.778	-0.013
22.800	-0.013
22.822	-0.013
22.844	-0.013
22.867	-0.013

22.889	-0.013
22.911	-0.013
22.933	-0.013
22.956	-0.013
22.978	-0.013
23.000	-0.013
23.022	-0.013
23.044	-0.013
23.067	-0.013
23.089	-0.013
23.111	-0.013
23.133	-0.013
23.156	-0.013
23.178	-0.013
23.200	-0.013
23.222	-0.013
23.244	-0.013
23.267	-0.013
23.289	-0.013
23.311	-0.013
23.333	-0.013
23.356	-0.013
23.378	-0.013
23.400	-0.013
23.422	-0.013
23.444	-0.013
23.467	-0.013
23.489	-0.013
23.511	-0.013
23.533	-0.013
23.556	-0.013
23.578	-0.013
23.600	-0.013
23.622	-0.013
23.644	-0.013
23.667	-0.013
23.689	-0.013
23.711	-0.013
23.733	-0.013
23.756	-0.013
23.778	-0.013
23.800	-0.013
23.822	-0.013
23.844	-0.013
23.867	-0.013
23.889	-0.013
23.911	-0.013
23.933	-0.013
23.956	-0.013
23.978	-0.013
24.000	-0.013
24.022	-0.014
24.044	-0.015
24.067	-0.016
24.089	-0.019
24.111	-0.022
24.133	-0.024
24.156	-0.027
24.178	-0.029
24.200	-0.030
24.222	-0.032
24.244	-0.033
24.267	-0.034
24.289	-0.035
24.311	-0.036

24.333	-0.037
24.356	-0.037
24.378	-0.038
24.400	-0.039
24.422	-0.039
24.444	-0.040
24.467	-0.040
24.489	-0.040
24.511	-0.041
24.533	-0.041
24.556	-0.041
24.578	-0.042
24.600	-0.042
24.622	-0.042
24.644	-0.042
24.667	-0.042
24.689	-0.043
24.711	-0.043
24.733	-0.043
24.756	-0.043
24.778	-0.043
24.800	-0.043
24.822	-0.043
24.844	-0.044
24.867	-0.044
24.889	-0.044
24.911	-0.044
24.933	-0.044
24.956	-0.044
24.978	-0.044
25.000	-0.044
25.022	-0.044
25.044	-0.044
25.067	-0.044
25.089	-0.044
25.111	-0.045
25.133	-0.045
25.156	-0.045
25.178	-0.045
25.200	-0.045
25.222	-0.045
25.244	-0.045
25.267	-0.045
25.289	-0.045
25.311	-0.045
25.333	-0.045
25.356	-0.045
25.378	-0.046
25.400	-0.046
25.422	-0.046
25.444	-0.046
25.467	-0.046
25.489	-0.046
25.511	-0.046
25.533	-0.046
25.556	-0.046
25.578	-0.046
25.600	-0.046
25.622	-0.046
25.644	-0.046
25.667	-0.046
25.689	-0.047
25.711	-0.047
25.733	-0.047
25.756	-0.047

25.778	-0.047
25.800	-0.047
25.822	-0.047
25.844	-0.047
25.867	-0.047
25.889	-0.047
25.911	-0.047
25.933	-0.047
25.956	-0.047
25.978	-0.048
26.000	-0.048
26.022	-0.048
26.044	-0.048
26.067	-0.048
26.089	-0.048
26.111	-0.048
26.133	-0.048
26.156	-0.048
26.178	-0.048
26.200	-0.048
26.222	-0.048
26.244	-0.048
26.267	-0.048
26.289	-0.048
26.311	-0.049
26.333	-0.049
26.356	-0.049
26.378	-0.049
26.400	-0.049
26.422	-0.049
26.444	-0.049
26.467	-0.049
26.489	-0.049
26.511	-0.049
26.533	-0.049
26.556	-0.049
26.578	-0.049
26.600	-0.049
26.622	-0.049
26.644	-0.050
26.667	-0.050
26.689	-0.050
26.711	-0.050
26.733	-0.050
26.756	-0.050
26.778	-0.050
26.800	-0.050
26.822	-0.050
26.844	-0.050
26.867	-0.050
26.889	-0.050
26.911	-0.050
26.933	-0.050
26.956	-0.050
26.978	-0.050
27.000	-0.051
27.022	-0.051
27.044	-0.051
27.067	-0.051
27.089	-0.051
27.111	-0.051
27.133	-0.051
27.156	-0.051
27.178	-0.051
27.200	-0.051

27.222	-0.051
27.244	-0.051
27.267	-0.051
27.289	-0.051
27.311	-0.051
27.333	-0.051
27.356	-0.051
27.378	-0.052
27.400	-0.052
27.422	-0.052
27.444	-0.052
27.467	-0.052
27.489	-0.052
27.511	-0.052
27.533	-0.052
27.556	-0.052
27.578	-0.052
27.600	-0.052
27.622	-0.052
27.644	-0.052
27.667	-0.052
27.689	-0.052
27.711	-0.052
27.733	-0.052
27.756	-0.053
27.778	-0.053
27.800	-0.053
27.822	-0.053
27.844	-0.053
27.867	-0.053
27.889	-0.053
27.911	-0.053
27.933	-0.053
27.956	-0.053
27.978	-0.053
28.000	-0.053
28.022	-0.053
28.044	-0.053
28.067	-0.053
28.089	-0.053
28.111	-0.053
28.133	-0.053
28.156	-0.053
28.178	-0.054
28.200	-0.054
28.222	-0.054
28.244	-0.054
28.267	-0.054
28.289	-0.054
28.311	-0.054
28.333	-0.054
28.356	-0.054
28.378	-0.054
28.400	-0.054
28.422	-0.054
28.444	-0.054
28.467	-0.054
28.489	-0.054
28.511	-0.054
28.533	-0.054
28.556	-0.054
28.578	-0.054
28.600	-0.054
28.622	-0.055
28.644	-0.055

28.667	-0.055
28.689	-0.055
28.711	-0.055
28.733	-0.055
28.756	-0.055
28.778	-0.055
28.800	-0.055
28.822	-0.055
28.844	-0.055
28.867	-0.055
28.889	-0.055
28.911	-0.055
28.933	-0.055
28.956	-0.055
28.978	-0.055
29.000	-0.055
29.022	-0.055
29.044	-0.055
29.067	-0.055
29.089	-0.056
29.111	-0.056
29.133	-0.056
29.156	-0.056
29.178	-0.056
29.200	-0.056
29.222	-0.056
29.244	-0.056
29.267	-0.056
29.289	-0.056
29.311	-0.056
29.333	-0.056
29.356	-0.056
29.378	-0.056
29.400	-0.056
29.422	-0.056
29.444	-0.056
29.467	-0.056
29.489	-0.056
29.511	-0.056
29.533	-0.056
29.556	-0.056
29.578	-0.057
29.600	-0.057
29.622	-0.057
29.644	-0.057
29.667	-0.057
29.689	-0.057
29.711	-0.057
29.733	-0.057
29.756	-0.057
29.778	-0.057
29.800	-0.057
29.822	-0.057
29.844	-0.057
29.867	-0.057
29.889	-0.057
29.911	-0.057
29.933	-0.057
29.956	-0.057
29.978	-0.057
30.000	-0.057
30.022	-0.057
30.044	-0.057
30.067	-0.057
30.089	-0.057

30.111	-0.058
30.133	-0.058
30.156	-0.058
30.178	-0.058
30.200	-0.058
30.222	-0.058
30.244	-0.058
30.267	-0.058
30.289	-0.058
30.311	-0.058
30.333	-0.058
30.356	-0.058
30.378	-0.058
30.400	-0.058
30.422	-0.058
30.444	-0.058
30.467	-0.058
30.489	-0.058
30.511	-0.058
30.533	-0.058
30.556	-0.058
30.578	-0.058
30.600	-0.058
30.622	-0.058
30.644	-0.058
30.667	-0.058
30.689	-0.059
30.711	-0.059
30.733	-0.059
30.756	-0.059
30.778	-0.059
30.800	-0.059
30.822	-0.059
30.844	-0.059
30.867	-0.059
30.889	-0.059
30.911	-0.059
30.933	-0.059
30.956	-0.059
30.978	-0.059
31.000	-0.059
31.022	-0.059
31.044	-0.059
31.067	-0.059
31.089	-0.059
31.111	-0.059
31.133	-0.059
31.156	-0.059
31.178	-0.059
31.200	-0.059
31.222	-0.059
31.244	-0.059
31.267	-0.059
31.289	-0.059
31.311	-0.060
31.333	-0.060
31.356	-0.060
31.378	-0.060
31.400	-0.060
31.422	-0.060
31.444	-0.060
31.467	-0.060
31.489	-0.060
31.511	-0.060
31.533	-0.060

31.556	-0.060
31.578	-0.060
31.600	-0.060
31.622	-0.060
31.644	-0.060
31.667	-0.060
31.689	-0.060
31.711	-0.060
31.733	-0.060
31.756	-0.060
31.778	-0.060
31.800	-0.060
31.822	-0.060
31.844	-0.060
31.867	-0.060
31.889	-0.060
31.911	-0.060
31.933	-0.060
31.956	-0.060
31.978	-0.061
32.000	-0.062
32.022	-0.065
32.044	-0.070
32.067	-0.072
32.089	-0.073
32.111	-0.074
32.133	-0.076
32.156	-0.078
32.178	-0.081
32.200	-0.083
32.222	-0.086
32.244	-0.088
32.267	-0.091
32.289	-0.094
32.311	-0.096
32.333	-0.099
32.356	-0.102
32.378	-0.104
32.400	-0.107
32.422	-0.109
32.444	-0.111
32.467	-0.114
32.489	-0.116
32.511	-0.118
32.533	-0.120
32.556	-0.123
32.578	-0.125
32.600	-0.127
32.622	-0.129
32.644	-0.131
32.667	-0.132
32.689	-0.134
32.711	-0.136
32.733	-0.138
32.756	-0.140
32.778	-0.141
32.800	-0.143
32.822	-0.145
32.844	-0.146
32.867	-0.148
32.889	-0.149
32.911	-0.151
32.933	-0.152
32.956	-0.153
32.978	-0.155

33.000	-0.156
33.022	-0.157
33.044	-0.159
33.067	-0.160
33.089	-0.161
33.111	-0.162
33.133	-0.163
33.156	-0.165
33.178	-0.166
33.200	-0.167
33.222	-0.168
33.244	-0.169
33.267	-0.170
33.289	-0.171
33.311	-0.172
33.333	-0.173
33.356	-0.517
33.378	-0.749
33.400	-0.606
33.422	-0.548
33.444	-0.498
33.467	-0.455
33.489	-0.417
33.511	-0.385
33.533	-0.358
33.556	-0.334
33.578	-0.314
33.600	-0.297
33.622	-0.281
33.644	-0.268
33.667	-0.257
33.689	-0.247
33.711	-0.238
33.733	-0.231
33.756	-0.224
33.778	-0.218
33.800	-0.212
33.822	-0.208
33.844	-0.203
33.867	-0.199
33.889	-0.196
33.911	-0.193
33.933	-0.190
33.956	-0.187
33.978	-0.185
34.000	-0.183
34.022	-0.180
34.044	-0.179
34.067	-0.177
34.089	-0.175
34.111	-0.174
34.133	-0.172
34.156	-0.171
34.178	-0.169
34.200	-0.168
34.222	-0.167
34.244	-0.166
34.267	-0.165
34.289	-0.164
34.311	-0.163
34.333	-0.162
34.356	-0.161
34.378	-0.160
34.400	-0.159
34.422	-0.159

34.444	-0.158
34.467	-0.157
34.489	-0.157
34.511	-0.156
34.533	-0.155
34.556	-0.155
34.578	-0.154
34.600	-0.154
34.622	-0.153
34.644	-0.153
34.667	-0.152
34.689	-0.152
34.711	-0.151
34.733	-0.151
34.756	-0.150
34.778	-0.150
34.800	-0.149
34.822	-0.149
34.844	-0.149
34.867	-0.148
34.889	-0.148
34.911	-0.147
34.933	-0.147
34.956	-0.147
34.978	-0.146
35.000	-0.146
35.022	-0.146
35.044	-0.145
35.067	-0.145
35.089	-0.145
35.111	-0.144
35.133	-0.144
35.156	-0.144
35.178	-0.144
35.200	-0.143
35.222	-0.143
35.244	-0.143
35.267	-0.143
35.289	-0.142
35.311	-0.142
35.333	-0.142
35.356	-0.142
35.378	-0.141
35.400	-0.141
35.422	-0.141
35.444	-0.141
35.467	-0.141
35.489	-0.140
35.511	-0.140
35.533	-0.140
35.556	-0.140
35.578	-0.140
35.600	-0.139
35.622	-0.139
35.644	-0.139
35.667	-0.139
35.689	-0.139
35.711	-0.139
35.733	-0.138
35.756	-0.138
35.778	-0.138
35.800	-0.138
35.822	-0.138
35.844	-0.138
35.867	-0.137

35.889	-0.137
35.911	-0.137
35.933	-0.137
35.956	-0.137
35.978	-0.137
36.000	-0.137
36.022	-0.136
36.044	-0.136
36.067	-0.136
36.089	-0.136
36.111	-0.136
36.133	-0.136
36.156	-0.136
36.178	-0.136
36.200	-0.135
36.222	-0.135
36.244	-0.135
36.267	-0.135
36.289	-0.135
36.311	-0.135
36.333	-0.135
36.356	-0.135
36.378	-0.135
36.400	-0.134
36.422	-0.134
36.444	-0.134
36.467	-0.134
36.489	-0.134
36.511	-0.134
36.533	-0.134
36.556	-0.134
36.578	-0.134
36.600	-0.134
36.622	-0.134
36.644	-0.133
36.667	-0.133
36.689	-0.133
36.711	-0.133
36.733	-0.133
36.756	-0.133
36.778	-0.133
36.800	-0.133
36.822	-0.133
36.844	-0.133
36.867	-0.133
36.889	-0.133
36.911	-0.132
36.933	-0.132
36.956	-0.132
36.978	-0.132
37.000	-0.132
37.022	-0.132
37.044	-0.132
37.067	-0.132
37.089	-0.132
37.111	-0.132
37.133	-0.132
37.156	-0.132
37.178	-0.132
37.200	-0.131
37.222	-0.131
37.244	-0.131
37.267	-0.131
37.289	-0.131
37.311	-0.131

37.333	-0.131
37.356	-0.131
37.378	-0.131
37.400	-0.131
37.422	-0.131
37.444	-0.131
37.467	-0.131
37.489	-0.131
37.511	-0.131
37.533	-0.131
37.556	-0.131
37.578	-0.130
37.600	-0.130
37.622	-0.130
37.644	-0.130
37.667	-0.130
37.689	-0.130
37.711	-0.130
37.733	-0.130
37.756	-0.130
37.778	-0.130
37.800	-0.130
37.822	-0.130
37.844	-0.130
37.867	-0.130
37.889	-0.130
37.911	-0.130
37.933	-0.130
37.956	-0.130
37.978	-0.130
38.000	-0.129
38.022	-0.129
38.044	-0.129
38.067	-0.129
38.089	-0.129
38.111	-0.129
38.133	-0.129
38.156	-0.129
38.178	-0.129
38.200	-0.129
38.222	-0.129
38.244	-0.129
38.267	-0.129
38.289	-0.129
38.311	-0.129
38.333	-0.129
38.356	-0.129
38.378	-0.129
38.400	-0.129
38.422	-0.129
38.444	-0.129
38.467	-0.129
38.489	-0.129
38.511	-0.129
38.533	-0.128
38.556	-0.128
38.578	-0.128
38.600	-0.128
38.622	-0.128
38.644	-0.128
38.667	-0.128
38.689	-0.128
38.711	-0.128
38.733	-0.128
38.756	-0.128

38.778	-0.128
38.800	-0.128
38.822	-0.128
38.844	-0.128
38.867	-0.128
38.889	-0.128
38.911	-0.128
38.933	-0.128
38.956	-0.128
38.978	-0.128
39.000	-0.128
39.022	-0.128
39.044	-0.128
39.067	-0.128
39.089	-0.128
39.111	-0.128
39.133	-0.128
39.156	-0.128
39.178	-0.127
39.200	-0.127
39.222	-0.127
39.244	-0.127
39.267	-0.127
39.289	-0.127
39.311	-0.127
39.333	-0.127
39.356	-0.127
39.378	-0.127
39.400	-0.127
39.422	-0.127
39.444	-0.127
39.467	-0.127
39.489	-0.127
39.511	-0.127
39.533	-0.127
39.556	-0.127
39.578	-0.127
39.600	-0.127
39.622	-0.127
39.644	-0.127
39.667	-0.127
39.689	-0.127
39.711	-0.127
39.733	-0.127
39.756	-0.127
39.778	-0.127
39.800	-0.127
39.822	-0.127
39.844	-0.127
39.867	-0.127
39.889	-0.127
39.911	-0.127
39.933	-0.127
39.956	-0.127
39.978	-0.127
40.000	-0.126
40.022	-0.126
40.044	-0.126
40.067	-0.126
40.089	-0.126
40.111	-0.125
40.133	-0.125
40.156	-0.124
40.178	-0.123
40.200	-0.122

40.222	-0.121
40.244	-0.120
40.267	-0.119
40.289	-0.118
40.311	-0.117
40.333	-0.117
40.356	-0.116
40.378	-0.115
40.400	-0.114
40.422	-0.113
40.444	-0.112
40.467	-0.112
40.489	-0.111
40.511	-0.110
40.533	-0.110
40.556	-0.109
40.578	-0.108
40.600	-0.108
40.622	-0.107
40.644	-0.106
40.667	-0.106
40.689	-0.105
40.711	-0.105
40.733	-0.104
40.756	-0.104
40.778	-0.103
40.800	-0.103
40.822	-0.102
40.844	-0.102
40.867	-0.101
40.889	-0.101
40.911	-0.100
40.933	-0.100
40.956	-0.100
40.978	-0.099
41.000	-0.099
41.022	-0.098
41.044	-0.098
41.067	-0.098
41.089	-0.097
41.111	-0.097
41.133	-0.097
41.156	-0.096
41.178	-0.096
41.200	-0.096
41.222	-0.095
41.244	-0.095
41.267	-0.095
41.289	-0.094
41.311	-0.094
41.333	-0.094
41.356	-0.094
41.378	-0.093
41.400	-0.093
41.422	-0.093
41.444	-0.092
41.467	-0.092
41.489	-0.092
41.511	-0.092
41.533	-0.091
41.556	-0.091
41.578	-0.091
41.600	-0.091
41.622	-0.090
41.644	-0.090

41.667	-0.090
41.689	-0.090
41.711	-0.089
41.733	-0.089
41.756	-0.089
41.778	-0.089
41.800	-0.089
41.822	-0.088
41.844	-0.088
41.867	-0.088
41.889	-0.088
41.911	-0.087
41.933	-0.087
41.956	-0.087
41.978	-0.087
42.000	-0.087
42.022	-0.086
42.044	-0.086
42.067	-0.086
42.089	-0.086
42.111	-0.086
42.133	-0.085
42.156	-0.085
42.178	-0.085
42.200	-0.085
42.222	-0.085
42.244	-0.085
42.267	-0.084
42.289	-0.084
42.311	-0.084
42.333	-0.084
42.356	-0.084
42.378	-0.083
42.400	-0.083
42.422	-0.083
42.444	-0.083
42.467	-0.083
42.489	-0.083
42.511	-0.082
42.533	-0.082
42.556	-0.082
42.578	-0.082
42.600	-0.082
42.622	-0.082
42.644	-0.081
42.667	-0.081
42.689	-0.081
42.711	-0.081
42.733	-0.081
42.756	-0.081
42.778	-0.081
42.800	-0.080
42.822	-0.080
42.844	-0.080
42.867	-0.080
42.889	-0.080
42.911	-0.080
42.933	-0.080
42.956	-0.079
42.978	-0.079
43.000	-0.079
43.022	-0.079
43.044	-0.079
43.067	-0.079
43.089	-0.079

43.111	-0.078
43.133	-0.078
43.156	-0.078
43.178	-0.078
43.200	-0.078
43.222	-0.078
43.244	-0.078
43.267	-0.078
43.289	-0.077
43.311	-0.077
43.333	-0.077
43.356	-0.077
43.378	-0.077
43.400	-0.077
43.422	-0.077
43.444	-0.077
43.467	-0.076
43.489	-0.076
43.511	-0.076
43.533	-0.076
43.556	-0.076
43.578	-0.076
43.600	-0.076
43.622	-0.076
43.644	-0.075
43.667	-0.075
43.689	-0.075
43.711	-0.075
43.733	-0.075
43.756	-0.075
43.778	-0.075
43.800	-0.075
43.822	-0.075
43.844	-0.074
43.867	-0.074
43.889	-0.074
43.911	-0.074
43.933	-0.074
43.956	-0.074
43.978	-0.074
44.000	-0.074
44.022	-0.074
44.044	-0.074
44.067	-0.073
44.089	-0.073
44.111	-0.073
44.133	-0.073
44.156	-0.073
44.178	-0.073
44.200	-0.073
44.222	-0.073
44.244	-0.073
44.267	-0.073
44.289	-0.072
44.311	-0.072
44.333	-0.072
44.356	-0.072
44.378	-0.072
44.400	-0.072
44.422	-0.072
44.444	-0.072
44.467	-0.072
44.489	-0.072
44.511	-0.071
44.533	-0.071

44.556	-0.071
44.578	-0.071
44.600	-0.071
44.622	-0.071
44.644	-0.071
44.667	-0.071
44.689	-0.071
44.711	-0.071
44.733	-0.071
44.756	-0.071
44.778	-0.070
44.800	-0.070
44.822	-0.070
44.844	-0.070
44.867	-0.070
44.889	-0.070
44.911	-0.070
44.933	-0.070
44.956	-0.070
44.978	-0.070
45.000	-0.070
45.022	-0.070
45.044	-0.069
45.067	-0.069
45.089	-0.069
45.111	-0.069
45.133	-0.069
45.156	-0.069
45.178	-0.069
45.200	-0.069
45.222	-0.069
45.244	-0.069
45.267	-0.069
45.289	-0.069
45.311	-0.069
45.333	-0.068
45.356	-0.068
45.378	-0.068
45.400	-0.068
45.422	-0.068
45.444	-0.068
45.467	-0.068
45.489	-0.068
45.511	-0.068
45.533	-0.068
45.556	-0.068
45.578	-0.068
45.600	-0.068
45.622	-0.067
45.644	-0.067
45.667	-0.067
45.689	-0.067
45.711	-0.067
45.733	-0.067
45.756	-0.067
45.778	-0.067
45.800	-0.067
45.822	-0.067
45.844	-0.067
45.867	-0.067
45.889	-0.067
45.911	-0.067
45.933	-0.067
45.956	-0.066
45.978	-0.066

46.000	-0.066
46.022	-0.066
46.044	-0.066
46.067	-0.066
46.089	-0.066
46.111	-0.066
46.133	-0.066
46.156	-0.066
46.178	-0.066
46.200	-0.066
46.222	-0.066
46.244	-0.066
46.267	-0.066
46.289	-0.066
46.311	-0.065
46.333	-0.065
46.356	-0.065
46.378	-0.065
46.400	-0.065
46.422	-0.065
46.444	-0.065
46.467	-0.065
46.489	-0.065
46.511	-0.065
46.533	-0.065
46.556	-0.065
46.578	-0.065
46.600	-0.065
46.622	-0.065
46.644	-0.065
46.667	-0.065
46.689	-0.064
46.711	-0.064
46.733	-0.064
46.756	-0.064
46.778	-0.064
46.800	-0.064
46.822	-0.064
46.844	-0.064
46.867	-0.064
46.889	-0.064
46.911	-0.064
46.933	-0.064
46.956	-0.064
46.978	-0.064
47.000	-0.064
47.022	-0.064
47.044	-0.064
47.067	-0.064
47.089	-0.063
47.111	-0.063
47.133	-0.063
47.156	-0.063
47.178	-0.063
47.200	-0.063
47.222	-0.063
47.244	-0.063
47.267	-0.063
47.289	-0.063
47.311	-0.063
47.333	-0.063
47.356	-0.063
47.378	-0.063
47.400	-0.063
47.422	-0.063

47.444	-0.063
47.467	-0.063
47.489	-0.063
47.511	-0.063
47.533	-0.062
47.556	-0.062
47.578	-0.062
47.600	-0.062
47.622	-0.062
47.644	-0.062
47.667	-0.062
47.689	-0.062
47.711	-0.062
47.733	-0.062
47.756	-0.062
47.778	-0.062
47.800	-0.062
47.822	-0.062
47.844	-0.062
47.867	-0.062
47.889	-0.062
47.911	-0.062
47.933	-0.062
47.956	-0.062
47.978	-0.062
48.000	-0.061
48.022	-0.061
48.044	-0.061
48.067	-0.061
48.089	-0.061
48.111	-0.061
48.133	-0.061
48.156	-0.061
48.178	-0.061
48.200	-0.061
48.222	-0.061
48.244	-0.061
48.267	-0.061
48.289	-0.061
48.311	-0.061
48.333	-0.060
48.356	-0.060
48.378	-0.060
48.400	-0.060
48.422	-0.060
48.444	-0.060
48.467	-0.060
48.489	-0.060
48.511	-0.060
48.533	-0.060
48.556	-0.060
48.578	-0.060
48.600	-0.060
48.622	-0.060
48.644	-0.060
48.667	-0.059
48.689	-0.059
48.711	-0.059
48.733	-0.059
48.756	-0.059
48.778	-0.059
48.800	-0.059
48.822	-0.059
48.844	-0.059
48.867	-0.059

48.889	-0.059
48.911	-0.059
48.933	-0.059
48.956	-0.059
48.978	-0.059
49.000	-0.059
49.022	-0.059
49.044	-0.059
49.067	-0.058
49.089	-0.058
49.111	-0.058
49.133	-0.058
49.156	-0.058
49.178	-0.058
49.200	-0.058
49.222	-0.058
49.244	-0.058
49.267	-0.058
49.289	-0.058
49.311	-0.058
49.333	-0.058
49.356	-0.058
49.378	-0.058
49.400	-0.058
49.422	-0.058
49.444	-0.058
49.467	-0.058
49.489	-0.058
49.511	-0.058
49.533	-0.057
49.556	-0.057
49.578	-0.057
49.600	-0.057
49.622	-0.057
49.644	-0.057
49.667	-0.057
49.689	-0.057
49.711	-0.057
49.733	-0.057
49.756	-0.057
49.778	-0.057
49.800	-0.057
49.822	-0.057
49.844	-0.057
49.867	-0.057
49.889	-0.057
49.911	-0.057
49.933	-0.057
49.956	-0.057
49.978	-0.057
50.000	-0.057
50.022	-0.057
50.044	-0.057
50.067	-0.056
50.089	-0.056
50.111	-0.056
50.133	-0.056
50.156	-0.056
50.178	-0.056
50.200	-0.056
50.222	-0.056
50.244	-0.056
50.267	-0.056
50.289	-0.056
50.311	-0.056

50.333	-0.056
50.356	-0.056
50.378	-0.056
50.400	-0.056
50.422	-0.056
50.444	-0.056
50.467	-0.056
50.489	-0.056
50.511	-0.056
50.533	-0.056
50.556	-0.056
50.578	-0.056
50.600	-0.056
50.622	-0.056
50.644	-0.055
50.667	-0.055
50.689	-0.055
50.711	-0.055
50.733	-0.055
50.756	-0.055
50.778	-0.055
50.800	-0.055
50.822	-0.055
50.844	-0.055
50.867	-0.055
50.889	-0.055
50.911	-0.055
50.933	-0.055
50.956	-0.055
50.978	-0.055
51.000	-0.055
51.022	-0.055
51.044	-0.055
51.067	-0.055
51.089	-0.055
51.111	-0.055
51.133	-0.055
51.156	-0.055
51.178	-0.055
51.200	-0.055
51.222	-0.055
51.244	-0.055
51.267	-0.055
51.289	-0.054
51.311	-0.054
51.333	-0.054
51.356	-0.054
51.378	-0.054
51.400	-0.054
51.422	-0.054
51.444	-0.054
51.467	-0.054
51.489	-0.054
51.511	-0.054
51.533	-0.054
51.556	-0.054
51.578	-0.054
51.600	-0.054
51.622	-0.054
51.644	-0.054
51.667	-0.054
51.689	-0.054
51.711	-0.054
51.733	-0.054
51.756	-0.054

51.778	-0.054
51.800	-0.054
51.822	-0.054
51.844	-0.054
51.867	-0.054
51.889	-0.054
51.911	-0.054
51.933	-0.054
51.956	-0.054
51.978	-0.054
52.000	-0.054
52.022	-0.053
52.044	-0.053
52.067	-0.053
52.089	-0.053
52.111	-0.053
52.133	-0.053
52.156	-0.053
52.178	-0.053
52.200	-0.053
52.222	-0.053
52.244	-0.053
52.267	-0.053
52.289	-0.053
52.311	-0.053
52.333	-0.053
52.356	-0.053
52.378	-0.053
52.400	-0.053
52.422	-0.053
52.444	-0.053
52.467	-0.053
52.489	-0.053
52.511	-0.053
52.533	-0.053
52.556	-0.053
52.578	-0.053
52.600	-0.053
52.622	-0.053
52.644	-0.053
52.667	-0.053
52.689	-0.053
52.711	-0.053
52.733	-0.053
52.756	-0.053
52.778	-0.053
52.800	-0.053
52.822	-0.053
52.844	-0.052
52.867	-0.052
52.889	-0.052
52.911	-0.052
52.933	-0.052
52.956	-0.052
52.978	-0.052
53.000	-0.052
53.022	-0.052
53.044	-0.052
53.067	-0.052
53.089	-0.052
53.111	-0.052
53.133	-0.052
53.156	-0.052
53.178	-0.052
53.200	-0.052

53.222	-0.052
53.244	-0.052
53.267	-0.052
53.289	-0.052
53.311	-0.052
53.333	-0.052
53.356	-0.052
53.378	-0.052
53.400	-0.052
53.422	-0.052
53.444	-0.052
53.467	-0.052
53.489	-0.052
53.511	-0.052
53.533	-0.052
53.556	-0.052
53.578	-0.052
53.600	-0.052
53.622	-0.052
53.644	-0.052
53.667	-0.052
53.689	-0.052
53.711	-0.052
53.733	-0.052
53.756	-0.051
53.778	-0.051
53.800	-0.051
53.822	-0.051
53.844	-0.051
53.867	-0.051
53.889	-0.051
53.911	-0.051
53.933	-0.051
53.956	-0.051
53.978	-0.051
54.000	-0.051
54.022	-0.051
54.044	-0.051
54.067	-0.051
54.089	-0.051
54.111	-0.051
54.133	-0.051
54.156	-0.051
54.178	-0.051
54.200	-0.051
54.222	-0.051
54.244	-0.051
54.267	-0.051
54.289	-0.051
54.311	-0.051
54.333	-0.051
54.356	-0.051
54.378	-0.051
54.400	-0.051
54.422	-0.051
54.444	-0.051
54.467	-0.051
54.489	-0.051
54.511	-0.051
54.533	-0.051
54.556	-0.051
54.578	-0.051
54.600	-0.051
54.622	-0.051
54.644	-0.051

54.667	-0.051
54.689	-0.051
54.711	-0.051
54.733	-0.051
54.756	-0.051
54.778	-0.050
54.800	-0.050
54.822	-0.050
54.844	-0.050
54.867	-0.050
54.889	-0.050
54.911	-0.050
54.933	-0.050
54.956	-0.050
54.978	-0.050
55.000	-0.050
55.022	-0.050
55.044	-0.050
55.067	-0.050
55.089	-0.050
55.111	-0.050
55.133	-0.050
55.156	-0.050
55.178	-0.050
55.200	-0.050
55.222	-0.050
55.244	-0.050
55.267	-0.050
55.289	-0.050
55.311	-0.050
55.333	-0.050
55.356	-0.050
55.378	-0.050
55.400	-0.050
55.422	-0.050
55.444	-0.050
55.467	-0.050
55.489	-0.050
55.511	-0.050
55.533	-0.050
55.556	-0.050
55.578	-0.050
55.600	-0.050
55.622	-0.050
55.644	-0.050
55.667	-0.050
55.689	-0.050
55.711	-0.050
55.733	-0.050
55.756	-0.050
55.778	-0.050
55.800	-0.050
55.822	-0.050
55.844	-0.050
55.867	-0.050
55.889	-0.050
55.911	-0.050
55.933	-0.050
55.956	-0.049
55.978	-0.049
56.000	-0.049
56.022	-0.049
56.044	-0.049
56.067	-0.049
56.089	-0.049

56.111	-0.049
56.133	-0.049
56.156	-0.049
56.178	-0.049
56.200	-0.049
56.222	-0.049
56.244	-0.049
56.267	-0.049
56.289	-0.049
56.311	-0.049
56.333	-0.049
56.356	-0.049
56.378	-0.049
56.400	-0.049
56.422	-0.049
56.444	-0.049
56.467	-0.049
56.489	-0.049
56.511	-0.049
56.533	-0.049
56.556	-0.049
56.578	-0.049
56.600	-0.049
56.622	-0.049
56.644	-0.049
56.667	-0.049
56.689	-0.049
56.711	-0.049
56.733	-0.049
56.756	-0.049
56.778	-0.049
56.800	-0.049
56.822	-0.049
56.844	-0.049
56.867	-0.049
56.889	-0.049
56.911	-0.049
56.933	-0.048
56.956	-0.048
56.978	-0.048
57.000	-0.048
57.022	-0.048
57.044	-0.048
57.067	-0.048
57.089	-0.048
57.111	-0.048
57.133	-0.048
57.156	-0.048
57.178	-0.048
57.200	-0.048
57.222	-0.048
57.244	-0.048
57.267	-0.048
57.289	-0.048
57.311	-0.048
57.333	-0.048
57.356	-0.048
57.378	-0.048
57.400	-0.048
57.422	-0.048
57.444	-0.048
57.467	-0.048
57.489	-0.048
57.511	-0.048
57.533	-0.048

57.556	-0.048
57.578	-0.048
57.600	-0.048
57.622	-0.048
57.644	-0.048
57.667	-0.048
57.689	-0.048
57.711	-0.048
57.733	-0.048
57.756	-0.048
57.778	-0.048
57.800	-0.048
57.822	-0.048
57.844	-0.048
57.867	-0.048
57.889	-0.048
57.911	-0.048
57.933	-0.048
57.956	-0.048
57.978	-0.048
58.000	-0.048
58.022	-0.048
58.044	-0.048
58.067	-0.048
58.089	-0.048
58.111	-0.048
58.133	-0.048
58.156	-0.048
58.178	-0.048
58.200	-0.048
58.222	-0.047
58.244	-0.047
58.267	-0.047
58.289	-0.047
58.311	-0.047
58.333	-0.047
58.356	-0.047
58.378	-0.047
58.400	-0.047
58.422	-0.047
58.444	-0.047
58.467	-0.047
58.489	-0.047
58.511	-0.047
58.533	-0.047
58.556	-0.047
58.578	-0.047
58.600	-0.047
58.622	-0.047
58.644	-0.047
58.667	-0.047
58.689	-0.047
58.711	-0.047
58.733	-0.047
58.756	-0.047
58.778	-0.047
58.800	-0.047
58.822	-0.047
58.844	-0.047
58.867	-0.047
58.889	-0.047
58.911	-0.047
58.933	-0.047
58.956	-0.047
58.978	-0.047

59.000	-0.047
59.022	-0.047
59.044	-0.047
59.067	-0.047
59.089	-0.047
59.111	-0.047
59.133	-0.047
59.156	-0.047
59.178	-0.047
59.200	-0.047
59.222	-0.047
59.244	-0.047
59.267	-0.047
59.289	-0.047
59.311	-0.047
59.333	-0.047
59.356	-0.047
59.378	-0.047
59.400	-0.047
59.422	-0.047
59.444	-0.047
59.467	-0.047
59.489	-0.047
59.511	-0.047
59.533	-0.047
59.556	-0.047
59.578	-0.047
59.600	-0.047
59.622	-0.047
59.644	-0.047
59.667	-0.047
59.689	-0.047
59.711	-0.047
59.733	-0.047
59.756	-0.046
59.778	-0.046
59.800	-0.046
59.822	-0.046
59.844	-0.046
59.867	-0.046
59.889	-0.046
59.911	-0.046
59.933	-0.046
59.956	-0.046
59.978	-0.046
60.000	-0.046
60.022	-0.046
60.044	-0.046
60.067	-0.046
60.089	-0.046
60.111	-0.046
60.133	-0.046
60.156	-0.046
60.178	-0.046
60.200	-0.046
60.222	-0.046
60.244	-0.046
60.267	-0.046
60.289	-0.046
60.311	-0.046
60.333	-0.046
60.356	-0.046
60.378	-0.046
60.400	-0.046
60.422	-0.046

60.444	-0.046
60.467	-0.046
60.489	-0.046
60.511	-0.046
60.533	-0.046
60.556	-0.046
60.578	-0.046
60.600	-0.046
60.622	-0.046
60.644	-0.046
60.667	-0.046
60.689	-0.046
60.711	-0.046
60.733	-0.046
60.756	-0.046
60.778	-0.046
60.800	-0.046
60.822	-0.046
60.844	-0.046
60.867	-0.046
60.889	-0.046
60.911	-0.046
60.933	-0.046
60.956	-0.046
60.978	-0.046
61.000	-0.046
61.022	-0.046
61.044	-0.046
61.067	-0.046
61.089	-0.046
61.111	-0.046
61.133	-0.046
61.156	-0.046
61.178	-0.046
61.200	-0.046
61.222	-0.046
61.244	-0.046
61.267	-0.046
61.289	-0.046
61.311	-0.046
61.333	-0.046
61.356	-0.046
61.378	-0.046
61.400	-0.046
61.422	-0.046
61.444	-0.046
61.467	-0.046
61.489	-0.046
61.511	-0.046
61.533	-0.046
61.556	-0.046
61.578	-0.046
61.600	-0.046
61.622	-0.045
61.644	-0.045
61.667	-0.045
61.689	-0.045
61.711	-0.045
61.733	-0.045
61.756	-0.045
61.778	-0.045
61.800	-0.045
61.822	-0.045
61.844	-0.045
61.867	-0.045

61.889	-0.045
61.911	-0.045
61.933	-0.045
61.956	-0.045
61.978	-0.045
62.000	-0.045
62.022	-0.045
62.044	-0.045
62.067	-0.045
62.089	-0.045
62.111	-0.045
62.133	-0.045
62.156	-0.045
62.178	-0.045
62.200	-0.045
62.222	-0.045
62.244	-0.045
62.267	-0.045
62.289	-0.045
62.311	-0.045
62.333	-0.045
62.356	-0.045
62.378	-0.045
62.400	-0.045
62.422	-0.045
62.444	-0.045
62.467	-0.045
62.489	-0.045
62.511	-0.045
62.533	-0.045
62.556	-0.045
62.578	-0.045
62.600	-0.045
62.622	-0.045
62.644	-0.045
62.667	-0.045
62.689	-0.045
62.711	-0.045
62.733	-0.045
62.756	-0.045
62.778	-0.045
62.800	-0.045
62.822	-0.045
62.844	-0.045
62.867	-0.045
62.889	-0.045
62.911	-0.045
62.933	-0.045
62.956	-0.045
62.978	-0.045
63.000	-0.045
63.022	-0.045
63.044	-0.045
63.067	-0.045
63.089	-0.045
63.111	-0.045
63.133	-0.045
63.156	-0.045
63.178	-0.045
63.200	-0.045
63.222	-0.045
63.244	-0.045
63.267	-0.045
63.289	-0.045
63.311	-0.045

63.333	-0.045
63.356	-0.045
63.378	-0.045
63.400	-0.045
63.422	-0.045
63.444	-0.045
63.467	-0.045
63.489	-0.045
63.511	-0.045
63.533	-0.045
63.556	-0.045
63.578	-0.045
63.600	-0.045
63.622	-0.045
63.644	-0.045
63.667	-0.045
63.689	-0.045
63.711	-0.045
63.733	-0.045
63.756	-0.045
63.778	-0.045
63.800	-0.045
63.822	-0.045
63.844	-0.045
63.867	-0.045
63.889	-0.045
63.911	-0.044
63.933	-0.044
63.956	-0.044
63.978	-0.044
64.000	-0.044
64.022	-0.044
64.044	-0.044
64.067	-0.044
64.089	-0.044
64.111	-0.044
64.133	-0.044
64.156	-0.044
64.178	-0.044
64.200	-0.044
64.222	-0.044
64.244	-0.044
64.267	-0.044
64.289	-0.044
64.311	-0.044
64.333	-0.044
64.356	-0.044
64.378	-0.044
64.400	-0.044
64.422	-0.044
64.444	-0.044
64.467	-0.044
64.489	-0.044
64.511	-0.044
64.533	-0.044
64.556	-0.044
64.578	-0.044
64.600	-0.044
64.622	-0.044
64.644	-0.044
64.667	-0.044
64.689	-0.044
64.711	-0.044
64.733	-0.044
64.756	-0.044

64.778	-0.044
64.800	-0.044
64.822	-0.044
64.844	-0.044
64.867	-0.044
64.889	-0.044
64.911	-0.044
64.933	-0.044
64.956	-0.044
64.978	-0.044
65.000	-0.044
65.022	-0.044
65.044	-0.044
65.067	-0.044
65.089	-0.044
65.111	-0.044
65.133	-0.044
65.156	-0.044
65.178	-0.044
65.200	-0.044
65.222	-0.044
65.244	-0.044
65.267	-0.044
65.289	-0.044
65.311	-0.044
65.333	-0.044
65.356	-0.044
65.378	-0.044
65.400	-0.044
65.422	-0.044
65.444	-0.044
65.467	-0.044
65.489	-0.044
65.511	-0.044
65.533	-0.044
65.556	-0.044
65.578	-0.044
65.600	-0.044
65.622	-0.044
65.644	-0.044
65.667	-0.044
65.689	-0.044
65.711	-0.044
65.733	-0.044
65.756	-0.044
65.778	-0.044
65.800	-0.044
65.822	-0.044
65.844	-0.044
65.867	-0.044
65.889	-0.044
65.911	-0.044
65.933	-0.044
65.956	-0.044
65.978	-0.044
66.000	-0.044
66.022	-0.044
66.044	-0.044
66.067	-0.044
66.089	-0.044
66.111	-0.044
66.133	-0.044
66.156	-0.044
66.178	-0.044
66.200	-0.044

66.222	-0.044
66.244	-0.044
66.267	-0.044
66.289	-0.044
66.311	-0.044
66.333	-0.044
66.356	-0.044
66.378	-0.044
66.400	-0.044
66.422	-0.044
66.444	-0.044
66.467	-0.044
66.489	-0.044
66.511	-0.044
66.533	-0.044
66.556	-0.044
66.578	-0.044
66.600	-0.044
66.622	-0.044
66.644	-0.044
66.667	-0.044
66.689	-0.044
66.711	-0.044
66.733	-0.044
66.756	-0.044
66.778	-0.044
66.800	-0.044
66.822	-0.044
66.844	-0.044
66.867	-0.044
66.889	-0.044
66.911	-0.044
66.933	-0.044
66.956	-0.044
66.978	-0.044
67.000	-0.044
67.022	-0.044
67.044	-0.044
67.067	-0.044
67.089	-0.044
67.111	-0.044
67.133	-0.044
67.156	-0.044
67.178	-0.044
67.200	-0.044
67.222	-0.044
67.244	-0.044
67.267	-0.044
67.289	-0.044
67.311	-0.044
67.333	-0.044
67.356	-0.044
67.378	-0.044
67.400	-0.044
67.422	-0.044
67.444	-0.044
67.467	-0.044
67.489	-0.044
67.511	-0.044
67.533	-0.044
67.556	-0.044
67.578	-0.044
67.600	-0.044
67.622	-0.044
67.644	-0.044

67.667	-0.044
67.689	-0.044
67.711	-0.044
67.733	-0.044
67.756	-0.044
67.778	-0.044
67.800	-0.044
67.822	-0.044
67.844	-0.044
67.867	-0.044
67.889	-0.044
67.911	-0.044
67.933	-0.044
67.956	-0.044
67.978	-0.044
68.000	-0.044
68.022	-0.044
68.044	-0.044
68.067	-0.044
68.089	-0.044
68.111	-0.044
68.133	-0.044
68.156	-0.044
68.178	-0.044
68.200	-0.044
68.222	-0.044
68.244	-0.044
68.267	-0.044
68.289	-0.044
68.311	-0.044
68.333	-0.044
68.356	-0.044
68.378	-0.044
68.400	-0.044
68.422	-0.044
68.444	-0.044
68.467	-0.044
68.489	-0.044
68.511	-0.044
68.533	-0.044
68.556	-0.044
68.578	-0.044
68.600	-0.044
68.622	-0.044
68.644	-0.044
68.667	-0.044
68.689	-0.044
68.711	-0.044
68.733	-0.044
68.756	-0.044
68.778	-0.044
68.800	-0.043
68.822	-0.043
68.844	-0.043
68.867	-0.043
68.889	-0.043
68.911	-0.043
68.933	-0.043
68.956	-0.043
68.978	-0.043
69.000	-0.043
69.022	-0.043
69.044	-0.043
69.067	-0.043
69.089	-0.043

69.111	-0.043
69.133	-0.043
69.156	-0.043
69.178	-0.043
69.200	-0.043
69.222	-0.043
69.244	-0.043
69.267	-0.043
69.289	-0.043
69.311	-0.043
69.333	-0.043
69.356	-0.043
69.378	-0.043
69.400	-0.043
69.422	-0.043
69.444	-0.043
69.467	-0.043
69.489	-0.043
69.511	-0.043
69.533	-0.043
69.556	-0.043
69.578	-0.043
69.600	-0.043
69.622	-0.043
69.644	-0.043
69.667	-0.043
69.689	-0.043
69.711	-0.043
69.733	-0.043
69.756	-0.043
69.778	-0.043
69.800	-0.043
69.822	-0.043
69.844	-0.043
69.867	-0.043
69.889	-0.043
69.911	-0.043
69.933	-0.043
69.956	-0.043
69.978	-0.043
70.000	-0.043
70.022	-0.043
70.044	-0.043
70.067	-0.043
70.089	-0.043
70.111	-0.043
70.133	-0.043
70.156	-0.043
70.178	-0.043
70.200	-0.043
70.222	-0.043
70.244	-0.043
70.267	-0.043
70.289	-0.043
70.311	-0.043
70.333	-0.043
70.356	-0.043
70.378	-0.043
70.400	-0.043
70.422	-0.043
70.444	-0.043
70.467	-0.043
70.489	-0.043
70.511	-0.043
70.533	-0.043

70.556	-0.043
70.578	-0.043
70.600	-0.043
70.622	-0.043
70.644	-0.043
70.667	-0.043
70.689	-0.043
70.711	-0.043
70.733	-0.043
70.756	-0.043
70.778	-0.043
70.800	-0.043
70.822	-0.043
70.844	-0.043
70.867	-0.043
70.889	-0.043
70.911	-0.043
70.933	-0.043
70.956	-0.043
70.978	-0.043
71.000	-0.043
71.022	-0.043
71.044	-0.043
71.067	-0.043
71.089	-0.043
71.111	-0.043
71.133	-0.043
71.156	-0.043
71.178	-0.043
71.200	-0.043
71.222	-0.043
71.244	-0.043
71.267	-0.043
71.289	-0.043
71.311	-0.043
71.333	-0.043
71.356	-0.043
71.378	-0.043
71.400	-0.043
71.422	-0.043
71.444	-0.043
71.467	-0.043
71.489	-0.043
71.511	-0.043
71.533	-0.043
71.556	-0.043
71.578	-0.043
71.600	-0.043
71.622	-0.043
71.644	-0.043
71.667	-0.043
71.689	-0.043
71.711	-0.043
71.733	-0.043
71.756	-0.043
71.778	-0.043
71.800	-0.043
71.822	-0.043
71.844	-0.043
71.867	-0.043
71.889	-0.043
71.911	-0.043
71.933	-0.043
71.956	-0.043
71.978	-0.043

72.000	-0.043
72.022	-0.043
72.044	-0.043
72.067	-0.043
72.089	-0.043
72.111	-0.043
72.133	-0.042
72.156	-0.042
72.178	-0.042
72.200	-0.042
72.222	-0.042
72.244	-0.042
72.267	-0.041
72.289	-0.041
72.311	-0.041
72.333	-0.041
72.356	-0.041
72.378	-0.041
72.400	-0.041
72.422	-0.040
72.444	-0.040
72.467	-0.040
72.489	-0.040
72.511	-0.040
72.533	-0.040
72.556	-0.040
72.578	-0.039
72.600	-0.039
72.622	-0.039
72.644	-0.039
72.667	-0.039
72.689	-0.039
72.711	-0.039
72.733	-0.039
72.756	-0.039
72.778	-0.039
72.800	-0.038
72.822	-0.038
72.844	-0.038
72.867	-0.038
72.889	-0.038
72.911	-0.038
72.933	-0.038
72.956	-0.038
72.978	-0.038
73.000	-0.038
73.022	-0.038
73.044	-0.038
73.067	-0.037
73.089	-0.037
73.111	-0.037
73.133	-0.037
73.156	-0.037
73.178	-0.037
73.200	-0.037
73.222	-0.037
73.244	-0.037
73.267	-0.037
73.289	-0.037
73.311	-0.037
73.333	-0.037
73.356	-0.037
73.378	-0.037
73.400	-0.037
73.422	-0.037

73.444	-0.036
73.467	-0.036
73.489	-0.036
73.511	-0.036
73.533	-0.036
73.556	-0.036
73.578	-0.036
73.600	-0.036
73.622	-0.036
73.644	-0.036
73.667	-0.036
73.689	-0.036
73.711	-0.036
73.733	-0.036
73.756	-0.036
73.778	-0.036
73.800	-0.036
73.822	-0.036
73.844	-0.036
73.867	-0.035
73.889	-0.035
73.911	-0.035
73.933	-0.035
73.956	-0.035
73.978	-0.035
74.000	-0.035
74.022	-0.035
74.044	-0.035
74.067	-0.035
74.089	-0.035
74.111	-0.035
74.133	-0.035
74.156	-0.035
74.178	-0.035
74.200	-0.035
74.222	-0.035
74.244	-0.035
74.267	-0.035
74.289	-0.035
74.311	-0.035
74.333	-0.035
74.356	-0.035
74.378	-0.035
74.400	-0.034
74.422	-0.034
74.444	-0.034
74.467	-0.034
74.489	-0.034
74.511	-0.034
74.533	-0.034
74.556	-0.034
74.578	-0.034
74.600	-0.034
74.622	-0.034
74.644	-0.034
74.667	-0.034
74.689	-0.034
74.711	-0.034
74.733	-0.034
74.756	-0.034
74.778	-0.034
74.800	-0.034
74.822	-0.034
74.844	-0.034
74.867	-0.034

74.889	-0.034
74.911	-0.034
74.933	-0.034
74.956	-0.034
74.978	-0.034
75.000	-0.034
75.022	-0.033
75.044	-0.033
75.067	-0.033
75.089	-0.033
75.111	-0.033
75.133	-0.033
75.156	-0.033
75.178	-0.033
75.200	-0.033
75.222	-0.033
75.244	-0.033
75.267	-0.033
75.289	-0.033
75.311	-0.033
75.333	-0.033
75.356	-0.033
75.378	-0.033
75.400	-0.033
75.422	-0.033
75.444	-0.033
75.467	-0.033
75.489	-0.033
75.511	-0.033
75.533	-0.033
75.556	-0.033
75.578	-0.033
75.600	-0.033
75.622	-0.033
75.644	-0.033
75.667	-0.033
75.689	-0.033
75.711	-0.033
75.733	-0.032
75.756	-0.032
75.778	-0.032
75.800	-0.032
75.822	-0.032
75.844	-0.032
75.867	-0.032
75.889	-0.032
75.911	-0.032
75.933	-0.032
75.956	-0.032
75.978	-0.032
76.000	-0.032
76.022	-0.032
76.044	-0.032
76.067	-0.032
76.089	-0.032
76.111	-0.032
76.133	-0.032
76.156	-0.032
76.178	-0.032
76.200	-0.032
76.222	-0.032
76.244	-0.032
76.267	-0.032
76.289	-0.032
76.311	-0.032

76.333	-0.032
76.356	-0.032
76.378	-0.032
76.400	-0.032
76.422	-0.032
76.444	-0.032
76.467	-0.032
76.489	-0.032
76.511	-0.032
76.533	-0.032
76.556	-0.031
76.578	-0.031
76.600	-0.031
76.622	-0.031
76.644	-0.031
76.667	-0.031
76.689	-0.031
76.711	-0.031
76.733	-0.031
76.756	-0.031
76.778	-0.031
76.800	-0.031
76.822	-0.031
76.844	-0.031
76.867	-0.031
76.889	-0.031
76.911	-0.031
76.933	-0.031
76.956	-0.031
76.978	-0.031
77.000	-0.031
77.022	-0.031
77.044	-0.031
77.067	-0.031
77.089	-0.031
77.111	-0.031
77.133	-0.031
77.156	-0.031
77.178	-0.031
77.200	-0.031
77.222	-0.031
77.244	-0.031
77.267	-0.031
77.289	-0.031
77.311	-0.031
77.333	-0.031
77.356	-0.031
77.378	-0.031
77.400	-0.031
77.422	-0.031
77.444	-0.031
77.467	-0.031
77.489	-0.030
77.511	-0.030
77.533	-0.030
77.556	-0.030
77.578	-0.030
77.600	-0.030
77.622	-0.030
77.644	-0.030
77.667	-0.030
77.689	-0.030
77.711	-0.030
77.733	-0.030
77.756	-0.030

77.778	-0.030
77.800	-0.030
77.822	-0.030
77.844	-0.030
77.867	-0.030
77.889	-0.030
77.911	-0.030
77.933	-0.030
77.956	-0.030
77.978	-0.030
78.000	-0.030
78.022	-0.030
78.044	-0.030
78.067	-0.030
78.089	-0.030
78.111	-0.030
78.133	-0.030
78.156	-0.030
78.178	-0.030
78.200	-0.030
78.222	-0.030
78.244	-0.030
78.267	-0.030
78.289	-0.030
78.311	-0.030
78.333	-0.030
78.356	-0.030
78.378	-0.030
78.400	-0.030
78.422	-0.030
78.444	-0.030
78.467	-0.030
78.489	-0.030
78.511	-0.030
78.533	-0.030
78.556	-0.029
78.578	-0.029
78.600	-0.029
78.622	-0.029
78.644	-0.029
78.667	-0.029
78.689	-0.029
78.711	-0.029
78.733	-0.029
78.756	-0.029
78.778	-0.029
78.800	-0.029
78.822	-0.029
78.844	-0.029
78.867	-0.029
78.889	-0.029
78.911	-0.029
78.933	-0.029
78.956	-0.029
78.978	-0.029
79.000	-0.029
79.022	-0.029
79.044	-0.029
79.067	-0.029
79.089	-0.029
79.111	-0.029
79.133	-0.029
79.156	-0.029
79.178	-0.029
79.200	-0.029

79.222	-0.029
79.244	-0.029
79.267	-0.029
79.289	-0.029
79.311	-0.029
79.333	-0.029
79.356	-0.029
79.378	-0.029
79.400	-0.029
79.422	-0.029
79.444	-0.029
79.467	-0.029
79.489	-0.029
79.511	-0.029
79.533	-0.029
79.556	-0.029
79.578	-0.029
79.600	-0.029
79.622	-0.029
79.644	-0.029
79.667	-0.029
79.689	-0.029
79.711	-0.029
79.733	-0.029
79.756	-0.028
79.778	-0.028
79.800	-0.028
79.822	-0.028
79.844	-0.028
79.867	-0.028
79.889	-0.028
79.911	-0.028
79.933	-0.028
79.956	-0.028
79.978	-0.028
80.000	-0.028
80.022	-0.028
80.044	-0.028
80.067	-0.028
80.089	-0.028
80.111	-0.028
80.133	-0.028
80.156	-0.028
80.178	-0.028
80.200	-0.028
80.222	-0.028
80.244	-0.028
80.267	-0.028
80.289	-0.028
80.311	-0.028
80.333	-0.028
80.356	-0.028
80.378	-0.028
80.400	-0.028
80.422	-0.028
80.444	-0.028
80.467	-0.028
80.489	-0.028
80.511	-0.028
80.533	-0.028
80.556	-0.028
80.578	-0.028
80.600	-0.028
80.622	-0.028
80.644	-0.028

80.667	-0.028
80.689	-0.028
80.711	-0.028
80.733	-0.028
80.756	-0.028
80.778	-0.027
80.800	-0.027
80.822	-0.027
80.844	-0.027
80.867	-0.027
80.889	-0.027
80.911	-0.027
80.933	-0.027
80.956	-0.027
80.978	-0.027
81.000	-0.027
81.022	-0.027
81.044	-0.027
81.067	-0.027
81.089	-0.027
81.111	-0.027
81.133	-0.027
81.156	-0.027
81.178	-0.027
81.200	-0.027
81.222	-0.027
81.244	-0.027
81.267	-0.027
81.289	-0.027
81.311	-0.027
81.333	-0.027
81.356	-0.027
81.378	-0.027
81.400	-0.027
81.422	-0.027
81.444	-0.027
81.467	-0.027
81.489	-0.027
81.511	-0.027
81.533	-0.027
81.556	-0.027
81.578	-0.027
81.600	-0.027
81.622	-0.027
81.644	-0.027
81.667	-0.027
81.689	-0.027
81.711	-0.027
81.733	-0.027
81.756	-0.027
81.778	-0.027
81.800	-0.027
81.822	-0.027
81.844	-0.027
81.867	-0.027
81.889	-0.027
81.911	-0.027
81.933	-0.027
81.956	-0.027
81.978	-0.027
82.000	-0.026
82.022	-0.026
82.044	-0.026
82.067	-0.026
82.089	-0.026

82.111	-0.026
82.133	-0.026
82.156	-0.026
82.178	-0.026
82.200	-0.026
82.222	-0.026
82.244	-0.026
82.267	-0.026
82.289	-0.026
82.311	-0.026
82.333	-0.026
82.356	-0.026
82.378	-0.026
82.400	-0.026
82.422	-0.026
82.444	-0.026
82.467	-0.026
82.489	-0.026
82.511	-0.026
82.533	-0.026
82.556	-0.026
82.578	-0.026
82.600	-0.026
82.622	-0.026
82.644	-0.026
82.667	-0.026
82.689	-0.026
82.711	-0.026
82.733	-0.026
82.756	-0.026
82.778	-0.026
82.800	-0.026
82.822	-0.026
82.844	-0.026
82.867	-0.026
82.889	-0.026
82.911	-0.026
82.933	-0.026
82.956	-0.026
82.978	-0.026
83.000	-0.026
83.022	-0.026
83.044	-0.026
83.067	-0.026
83.089	-0.026
83.111	-0.026
83.133	-0.026
83.156	-0.026
83.178	-0.026
83.200	-0.026
83.222	-0.026
83.244	-0.026
83.267	-0.026
83.289	-0.026
83.311	-0.026
83.333	-0.026
83.356	-0.026
83.378	-0.026
83.400	-0.026
83.422	-0.026
83.444	-0.025
83.467	-0.025
83.489	-0.025
83.511	-0.025
83.533	-0.025

83.556	-0.025
83.578	-0.025
83.600	-0.025
83.622	-0.025
83.644	-0.025
83.667	-0.025
83.689	-0.025
83.711	-0.025
83.733	-0.025
83.756	-0.025
83.778	-0.025
83.800	-0.025
83.822	-0.025
83.844	-0.025
83.867	-0.025
83.889	-0.025
83.911	-0.025
83.933	-0.025
83.956	-0.025
83.978	-0.025
84.000	-0.025
84.022	-0.025
84.044	-0.025
84.067	-0.025
84.089	-0.025
84.111	-0.025
84.133	-0.025
84.156	-0.025
84.178	-0.025
84.200	-0.025
84.222	-0.025
84.244	-0.025
84.267	-0.025
84.289	-0.025
84.311	-0.025
84.333	-0.025
84.356	-0.025
84.378	-0.025
84.400	-0.025
84.422	-0.025
84.444	-0.025
84.467	-0.025
84.489	-0.025
84.511	-0.025
84.533	-0.025
84.556	-0.025
84.578	-0.025
84.600	-0.025
84.622	-0.025
84.644	-0.025
84.667	-0.025
84.689	-0.025
84.711	-0.025
84.733	-0.025
84.756	-0.025
84.778	-0.025
84.800	-0.025
84.822	-0.025
84.844	-0.025
84.867	-0.025
84.889	-0.025
84.911	-0.025
84.933	-0.025
84.956	-0.025
84.978	-0.025

85.000	-0.025
85.022	-0.025
85.044	-0.025
85.067	-0.025
85.089	-0.025
85.111	-0.024
85.133	-0.024
85.156	-0.024
85.178	-0.024
85.200	-0.024
85.222	-0.024
85.244	-0.024
85.267	-0.024
85.289	-0.024
85.311	-0.024
85.333	-0.024
85.356	-0.024
85.378	-0.024
85.400	-0.024
85.422	-0.024
85.444	-0.024
85.467	-0.024
85.489	-0.024
85.511	-0.024
85.533	-0.024
85.556	-0.024
85.578	-0.024
85.600	-0.024
85.622	-0.024
85.644	-0.024
85.667	-0.024
85.689	-0.024
85.711	-0.024
85.733	-0.024
85.756	-0.024
85.778	-0.024
85.800	-0.024
85.822	-0.024
85.844	-0.024
85.867	-0.024
85.889	-0.024
85.911	-0.024
85.933	-0.024
85.956	-0.024
85.978	-0.024
86.000	-0.024
86.022	-0.024
86.044	-0.024
86.067	-0.024
86.089	-0.024
86.111	-0.024
86.133	-0.024
86.156	-0.024
86.178	-0.024
86.200	-0.024
86.222	-0.024
86.244	-0.024
86.267	-0.024
86.289	-0.024
86.311	-0.024
86.333	-0.024
86.356	-0.024
86.378	-0.024
86.400	-0.024
86.422	-0.024

86.444	-0.024
86.467	-0.024
86.489	-0.024
86.511	-0.024
86.533	-0.024
86.556	-0.024
86.578	-0.024
86.600	-0.024
86.622	-0.024
86.644	-0.024
86.667	-0.024
86.689	-0.024
86.711	-0.024
86.733	-0.024
86.756	-0.024
86.778	-0.024
86.800	-0.024
86.822	-0.024
86.844	-0.024
86.867	-0.024
86.889	-0.024
86.911	-0.024
86.933	-0.024
86.956	-0.024
86.978	-0.024
87.000	-0.023
87.022	-0.023
87.044	-0.023
87.067	-0.023
87.089	-0.023
87.111	-0.023
87.133	-0.023
87.156	-0.023
87.178	-0.023
87.200	-0.023
87.222	-0.023
87.244	-0.023
87.267	-0.023
87.289	-0.023
87.311	-0.023
87.333	-0.023
87.356	-0.023
87.378	-0.023
87.400	-0.023
87.422	-0.023
87.444	-0.023
87.467	-0.023
87.489	-0.023
87.511	-0.023
87.533	-0.023
87.556	-0.023
87.578	-0.023
87.600	-0.023
87.622	-0.023
87.644	-0.023
87.667	-0.023
87.689	-0.023
87.711	-0.023
87.733	-0.023
87.756	-0.023
87.778	-0.023
87.800	-0.023
87.822	-0.023
87.844	-0.023
87.867	-0.023

87.889	-0.023
87.911	-0.023
87.933	-0.023
87.956	-0.023
87.978	-0.023
88.000	-0.023
88.022	-0.023
88.044	-0.023
88.067	-0.023
88.089	-0.023
88.111	-0.023
88.133	-0.023
88.156	-0.023
88.178	-0.023
88.200	-0.023
88.222	-0.023
88.244	-0.023
88.267	-0.023
88.289	-0.023
88.311	-0.023
88.333	-0.023
88.356	-0.023
88.378	-0.023
88.400	-0.023
88.422	-0.023
88.444	-0.023
88.467	-0.023
88.489	-0.023
88.511	-0.023
88.533	-0.023
88.556	-0.023
88.578	-0.023
88.600	-0.023
88.622	-0.023
88.644	-0.023
88.667	-0.023
88.689	-0.023
88.711	-0.023
88.733	-0.023
88.756	-0.023
88.778	-0.023
88.800	-0.023
88.822	-0.023
88.844	-0.023
88.867	-0.023
88.889	-0.023
88.911	-0.023
88.933	-0.023
88.956	-0.023
88.978	-0.023
89.000	-0.023
89.022	-0.023
89.044	-0.023
89.067	-0.023
89.089	-0.023
89.111	-0.023
89.133	-0.023
89.156	-0.023
89.178	-0.023
89.200	-0.023
89.222	-0.023
89.244	-0.023
89.267	-0.023
89.289	-0.023
89.311	-0.023

89.333	-0.023
89.356	-0.023
89.378	-0.023
89.400	-0.023
89.422	-0.023
89.444	-0.023
89.467	-0.023
89.489	-0.023
89.511	-0.023
89.533	-0.023
89.556	-0.023
89.578	-0.023
89.600	-0.023
89.622	-0.023
89.644	-0.023
89.667	-0.023
89.689	-0.023
89.711	-0.023
89.733	-0.023
89.756	-0.023
89.778	-0.023
89.800	-0.023
89.822	-0.023
89.844	-0.023
89.867	-0.023
89.889	-0.023
89.911	-0.023
89.933	-0.023
89.956	-0.023
89.978	-0.023
90.000	-0.023
90.022	-0.023
90.044	-0.023
90.067	-0.023
90.089	-0.023
90.111	-0.023
90.133	-0.023
90.156	-0.023
90.178	-0.023
90.200	-0.023
90.222	-0.022
90.244	-0.022
90.267	-0.022
90.289	-0.022
90.311	-0.022
90.333	-0.022
90.356	-0.022
90.378	-0.022
90.400	-0.022
90.422	-0.022
90.444	-0.022
90.467	-0.022
90.489	-0.022
90.511	-0.022
90.533	-0.022
90.556	-0.022
90.578	-0.022
90.600	-0.022
90.622	-0.022
90.644	-0.022
90.667	-0.022
90.689	-0.022
90.711	-0.022
90.733	-0.022
90.756	-0.022

90.778	-0.022
90.800	-0.022
90.822	-0.022
90.844	-0.022
90.867	-0.022
90.889	-0.022
90.911	-0.022
90.933	-0.022
90.956	-0.022
90.978	-0.022
91.000	-0.022
91.022	-0.022
91.044	-0.022
91.067	-0.022
91.089	-0.022
91.111	-0.022
91.133	-0.022
91.156	-0.022
91.178	-0.022
91.200	-0.022
91.222	-0.022
91.244	-0.022
91.267	-0.022
91.289	-0.022
91.311	-0.022
91.333	-0.022
91.356	-0.022
91.378	-0.022
91.400	-0.022
91.422	-0.022
91.444	-0.022
91.467	-0.022
91.489	-0.022
91.511	-0.022
91.533	-0.022
91.556	-0.022
91.578	-0.022
91.600	-0.022
91.622	-0.022
91.644	-0.022
91.667	-0.022
91.689	-0.022
91.711	-0.022
91.733	-0.022
91.756	-0.022
91.778	-0.022
91.800	-0.022
91.822	-0.022
91.844	-0.022
91.867	-0.022
91.889	-0.022
91.911	-0.022
91.933	-0.022
91.956	-0.022
91.978	-0.022
92.000	-0.022
92.022	-0.022
92.044	-0.022
92.067	-0.022
92.089	-0.022
92.111	-0.022
92.133	-0.022
92.156	-0.022
92.178	-0.022
92.200	-0.022

92.222	-0.022
92.244	-0.022
92.267	-0.022
92.289	-0.022
92.311	-0.022
92.333	-0.022
92.356	-0.022
92.378	-0.022
92.400	-0.022
92.422	-0.022
92.444	-0.022
92.467	-0.022
92.489	-0.022
92.511	-0.022
92.533	-0.022
92.556	-0.022
92.578	-0.022
92.600	-0.022
92.622	-0.022
92.644	-0.022
92.667	-0.022
92.689	-0.022
92.711	-0.022
92.733	-0.022
92.756	-0.022
92.778	-0.022
92.800	-0.022
92.822	-0.022
92.844	-0.022
92.867	-0.022
92.889	-0.022
92.911	-0.022
92.933	-0.022
92.956	-0.022
92.978	-0.022
93.000	-0.022
93.022	-0.022
93.044	-0.022
93.067	-0.022
93.089	-0.022
93.111	-0.022
93.133	-0.022
93.156	-0.022
93.178	-0.022
93.200	-0.022
93.222	-0.022
93.244	-0.022
93.267	-0.022
93.289	-0.022
93.311	-0.022
93.333	-0.022
93.356	-0.022
93.378	-0.022
93.400	-0.022
93.422	-0.022
93.444	-0.022
93.467	-0.022
93.489	-0.022
93.511	-0.021
93.533	-0.021
93.556	-0.021
93.578	-0.021
93.600	-0.021
93.622	-0.021
93.644	-0.021

93.667	-0.021
93.689	-0.021
93.711	-0.021
93.733	-0.021
93.756	-0.021
93.778	-0.021
93.800	-0.021
93.822	-0.021
93.844	-0.021
93.867	-0.021
93.889	-0.021
93.911	-0.021
93.933	-0.021
93.956	-0.021
93.978	-0.021
94.000	-0.021
94.022	-0.021
94.044	-0.021
94.067	-0.021
94.089	-0.021
94.111	-0.021
94.133	-0.021
94.156	-0.021
94.178	-0.021
94.200	-0.021
94.222	-0.021
94.244	-0.021
94.267	-0.021
94.289	-0.021
94.311	-0.021
94.333	-0.021
94.356	-0.021
94.378	-0.021
94.400	-0.021
94.422	-0.021
94.444	-0.021
94.467	-0.021
94.489	-0.021
94.511	-0.021
94.533	-0.021
94.556	-0.021
94.578	-0.021
94.600	-0.021
94.622	-0.021
94.644	-0.021
94.667	-0.021
94.689	-0.021
94.711	-0.021
94.733	-0.021
94.756	-0.021
94.778	-0.021
94.800	-0.021
94.822	-0.021
94.844	-0.021
94.867	-0.021
94.889	-0.021
94.911	-0.021
94.933	-0.021
94.956	-0.021
94.978	-0.021
95.000	-0.021
95.022	-0.021
95.044	-0.021
95.067	-0.021
95.089	-0.021

95.111	-0.021
95.133	-0.021
95.156	-0.021
95.178	-0.021
95.200	-0.021
95.222	-0.021
95.244	-0.021
95.267	-0.021
95.289	-0.021
95.311	-0.021
95.333	-0.021
95.356	-0.021
95.378	-0.021
95.400	-0.021
95.422	-0.021
95.444	-0.021
95.467	-0.021
95.489	-0.021
95.511	-0.021
95.533	-0.021
95.556	-0.021
95.578	-0.021
95.600	-0.021
95.622	-0.021
95.644	-0.021
95.667	-0.021
95.689	-0.021
95.711	-0.021
95.733	-0.021
95.756	-0.021
95.778	-0.021
95.800	-0.021
95.822	-0.021
95.844	-0.021
95.867	-0.021
95.889	-0.021
95.911	-0.021
95.933	-0.021
95.956	-0.021
95.978	-0.021
96.000	-0.021
96.022	-0.021
96.044	-0.021
96.067	-0.021
96.089	-0.021
96.111	-0.021
96.133	-0.021
96.156	-0.021
96.178	-0.021
96.200	-0.021
96.222	-0.021
96.244	-0.021
96.267	-0.021
96.289	-0.021
96.311	-0.021
96.333	-0.021
96.356	-0.021
96.378	-0.021
96.400	-0.021
96.422	-0.021
96.444	-0.021
96.467	-0.021
96.489	-0.021
96.511	-0.021
96.533	-0.021

96.556	-0.021
96.578	-0.021
96.600	-0.021
96.622	-0.021
96.644	-0.021
96.667	-0.021
96.689	-0.021
96.711	-0.021
96.733	-0.021
96.756	-0.021
96.778	-0.021
96.800	-0.021
96.822	-0.021
96.844	-0.021
96.867	-0.021
96.889	-0.021
96.911	-0.021
96.933	-0.021
96.956	-0.021
96.978	-0.021
97.000	-0.021
97.022	-0.021
97.044	-0.021
97.067	-0.021
97.089	-0.021
97.111	-0.021
97.133	-0.021
97.156	-0.021
97.178	-0.021
97.200	-0.021
97.222	-0.021
97.244	-0.020
97.267	-0.020
97.289	-0.020
97.311	-0.020
97.333	-0.020
97.356	-0.020
97.378	-0.020
97.400	-0.020
97.422	-0.020
97.444	-0.020
97.467	-0.020
97.489	-0.020
97.511	-0.020
97.533	-0.020
97.556	-0.020
97.578	-0.020
97.600	-0.020
97.622	-0.020
97.644	-0.020
97.667	-0.020
97.689	-0.020
97.711	-0.020
97.733	-0.020
97.756	-0.020
97.778	-0.020
97.800	-0.020
97.822	-0.020
97.844	-0.020
97.867	-0.020
97.889	-0.020
97.911	-0.020
97.933	-0.020
97.956	-0.020
97.978	-0.020

98.000	-0.020
98.022	-0.020
98.044	-0.020
98.067	-0.020
98.089	-0.020
98.111	-0.020
98.133	-0.020
98.156	-0.020
98.178	-0.020
98.200	-0.020
98.222	-0.020
98.244	-0.020
98.267	-0.020
98.289	-0.020
98.311	-0.020
98.333	-0.020
98.356	-0.020
98.378	-0.020
98.400	-0.020
98.422	-0.020
98.444	-0.020
98.467	-0.020
98.489	-0.020
98.511	-0.020
98.533	-0.020
98.556	-0.020
98.578	-0.020
98.600	-0.020
98.622	-0.020
98.644	-0.020
98.667	-0.020
98.689	-0.020
98.711	-0.020
98.733	-0.020
98.756	-0.020
98.778	-0.020
98.800	-0.020
98.822	-0.020
98.844	-0.020
98.867	-0.020
98.889	-0.020
98.911	-0.020
98.933	-0.020
98.956	-0.020
98.978	-0.020
99.000	-0.020
99.022	-0.020
99.044	-0.020
99.067	-0.020
99.089	-0.020
99.111	-0.020
99.133	-0.020
99.156	-0.020
99.178	-0.020
99.200	-0.020
99.222	-0.020
99.244	-0.020
99.267	-0.020
99.289	-0.020
99.311	-0.020
99.333	-0.020
99.356	-0.020
99.378	-0.020
99.400	-0.020
99.422	-0.020

99.444	-0.020
99.467	-0.020
99.489	-0.020
99.511	-0.020
99.533	-0.020
99.556	-0.020
99.578	-0.020
99.600	-0.020
99.622	-0.020
99.644	-0.020
99.667	-0.020
99.689	-0.020
99.711	-0.020
99.733	-0.020
99.756	-0.020
99.778	-0.020
99.800	-0.020
99.822	-0.020
99.844	-0.020
99.867	-0.020
99.889	-0.020
99.911	-0.020
99.933	-0.020
99.956	-0.020
99.978	-0.020
100.000	-0.020
100.022	-0.020
100.044	-0.020
100.067	-0.020
100.089	-0.020
100.111	-0.020
100.133	-0.020
100.156	-0.020
100.178	-0.020
100.200	-0.020
100.222	-0.020
100.244	-0.020
100.267	-0.020
100.289	-0.020
100.311	-0.020
100.333	-0.020
100.356	-0.020
100.378	-0.020
100.400	-0.020
100.422	-0.020
100.444	-0.020
100.467	-0.020
100.489	-0.020
100.511	-0.020
100.533	-0.020
100.556	-0.020
100.578	-0.020
100.600	-0.020
100.622	-0.020
100.644	-0.020
100.667	-0.020
100.689	-0.020
100.711	-0.020
100.733	-0.020
100.756	-0.020
100.778	-0.020
100.800	-0.020
100.822	-0.020
100.844	-0.020
100.867	-0.020

100.889	-0.020
100.911	-0.020
100.933	-0.020
100.956	-0.020
100.978	-0.020
101.000	-0.020
101.022	-0.020
101.044	-0.020
101.067	-0.020
101.089	-0.020
101.111	-0.020
101.133	-0.020
101.156	-0.020
101.178	-0.020
101.200	-0.020
101.222	-0.020
101.244	-0.020
101.267	-0.020
101.289	-0.020
101.311	-0.020
101.333	-0.020
101.356	-0.020
101.378	-0.020
101.400	-0.020
101.422	-0.020
101.444	-0.020
101.467	-0.020
101.489	-0.020
101.511	-0.020
101.533	-0.020
101.556	-0.020
101.578	-0.020
101.600	-0.020
101.622	-0.020
101.644	-0.019
101.667	-0.019
101.689	-0.019
101.711	-0.019
101.733	-0.019
101.756	-0.019
101.778	-0.019
101.800	-0.019
101.822	-0.019
101.844	-0.019
101.867	-0.019
101.889	-0.019
101.911	-0.019
101.933	-0.019
101.956	-0.019
101.978	-0.019
102.000	-0.019
102.022	-0.019
102.044	-0.019
102.067	-0.019
102.089	-0.019
102.111	-0.019
102.133	-0.019
102.156	-0.019
102.178	-0.019
102.200	-0.019
102.222	-0.019
102.244	-0.019
102.267	-0.019
102.289	-0.019
102.311	-0.019

102.333	-0.019
102.356	-0.019
102.378	-0.019
102.400	-0.019
102.422	-0.019
102.444	-0.019
102.467	-0.019
102.489	-0.019
102.511	-0.019
102.533	-0.019
102.556	-0.019
102.578	-0.019
102.600	-0.019
102.622	-0.019
102.644	-0.019
102.667	-0.019
102.689	-0.019
102.711	-0.019
102.733	-0.019
102.756	-0.019
102.778	-0.019
102.800	-0.019
102.822	-0.019
102.844	-0.019
102.867	-0.019
102.889	-0.019
102.911	-0.019
102.933	-0.019
102.956	-0.019
102.978	-0.019
103.000	-0.019
103.022	-0.019
103.044	-0.019
103.067	-0.019
103.089	-0.019
103.111	-0.019
103.133	-0.019
103.156	-0.019
103.178	-0.019
103.200	-0.019
103.222	-0.019
103.244	-0.019
103.267	-0.019
103.289	-0.019
103.311	-0.019
103.333	-0.019
103.356	-0.019
103.378	-0.019
103.400	-0.019
103.422	-0.019
103.444	-0.019
103.467	-0.019
103.489	-0.019
103.511	-0.019
103.533	-0.019
103.556	-0.019
103.578	-0.019
103.600	-0.019
103.622	-0.019
103.644	-0.019
103.667	-0.019
103.689	-0.019
103.711	-0.019
103.733	-0.019
103.756	-0.019

103.778	-0.019
103.800	-0.019
103.822	-0.019
103.844	-0.019
103.867	-0.019
103.889	-0.019
103.911	-0.019
103.933	-0.019
103.956	-0.019
103.978	-0.019
104.000	-0.019
104.022	-0.019
104.044	-0.019
104.067	-0.019
104.089	-0.019
104.111	-0.019
104.133	-0.019
104.156	-0.019
104.178	-0.019
104.200	-0.019
104.222	-0.019
104.244	-0.019
104.267	-0.019
104.289	-0.019
104.311	-0.019
104.333	-0.019
104.356	-0.019
104.378	-0.019
104.400	-0.019
104.422	-0.019
104.444	-0.019
104.467	-0.019
104.489	-0.019
104.511	-0.019
104.533	-0.019
104.556	-0.019
104.578	-0.019
104.600	-0.019
104.622	-0.019
104.644	-0.019
104.667	-0.019
104.689	-0.019
104.711	-0.019
104.733	-0.019
104.756	-0.019
104.778	-0.019
104.800	-0.019
104.822	-0.019
104.844	-0.019
104.867	-0.019
104.889	-0.019
104.911	-0.019
104.933	-0.019
104.956	-0.019
104.978	-0.019
105.000	-0.019
105.022	-0.019
105.044	-0.019
105.067	-0.018
105.089	-0.018
105.111	-0.018
105.133	-0.018
105.156	-0.018
105.178	-0.018
105.200	-0.018

105.222	-0.018
105.244	-0.018
105.267	-0.018
105.289	-0.018
105.311	-0.018
105.333	-0.018
105.356	-0.018
105.378	-0.018
105.400	-0.018
105.422	-0.018
105.444	-0.018
105.467	-0.018
105.489	-0.018
105.511	-0.018
105.533	-0.018
105.556	-0.018
105.578	-0.018
105.600	-0.018
105.622	-0.018
105.644	-0.018
105.667	-0.018
105.689	-0.018
105.711	-0.018
105.733	-0.018
105.756	-0.018
105.778	-0.018
105.800	-0.018
105.822	-0.018
105.844	-0.018
105.867	-0.018
105.889	-0.018
105.911	-0.018
105.933	-0.018
105.956	-0.018
105.978	-0.018
106.000	-0.018
106.022	-0.018
106.044	-0.018
106.067	-0.018
106.089	-0.018
106.111	-0.018
106.133	-0.018
106.156	-0.018
106.178	-0.018
106.200	-0.018
106.222	-0.018
106.244	-0.018
106.267	-0.018
106.289	-0.018
106.311	-0.018
106.333	-0.018
106.356	-0.018
106.378	-0.018
106.400	-0.018
106.422	-0.018
106.444	-0.018
106.467	-0.018
106.489	-0.018
106.511	-0.018
106.533	-0.018
106.556	-0.018
106.578	-0.018
106.600	-0.018
106.622	-0.018
106.644	-0.018

106.667	-0.018
106.689	-0.018
106.711	-0.018
106.733	-0.018
106.756	-0.018
106.778	-0.018
106.800	-0.018
106.822	-0.018
106.844	-0.018
106.867	-0.018
106.889	-0.018
106.911	-0.018
106.933	-0.018
106.956	-0.018
106.978	-0.018
107.000	-0.018
107.022	-0.018
107.044	-0.018
107.067	-0.018
107.089	-0.018
107.111	-0.018
107.133	-0.018
107.156	-0.018
107.178	-0.018
107.200	-0.018
107.222	-0.018
107.244	-0.018
107.267	-0.018
107.289	-0.018
107.311	-0.018
107.333	-0.018
107.356	-0.018
107.378	-0.018
107.400	-0.018
107.422	-0.018
107.444	-0.018
107.467	-0.018
107.489	-0.018
107.511	-0.018
107.533	-0.018
107.556	-0.018
107.578	-0.018
107.600	-0.018
107.622	-0.018
107.644	-0.018
107.667	-0.018
107.689	-0.018
107.711	-0.018
107.733	-0.018
107.756	-0.018
107.778	-0.018
107.800	-0.018
107.822	-0.018
107.844	-0.018
107.867	-0.018
107.889	-0.018
107.911	-0.018
107.933	-0.018
107.956	-0.018
107.978	-0.018
108.000	-0.018
108.022	-0.018
108.044	-0.018
108.067	-0.018
108.089	-0.018

108.111	-0.018
108.133	-0.018
108.156	-0.018
108.178	-0.018
108.200	-0.018
108.222	-0.018
108.244	-0.018
108.267	-0.018
108.289	-0.018
108.311	-0.018
108.333	-0.018
108.356	-0.018
108.378	-0.018
108.400	-0.018
108.422	-0.018
108.444	-0.018
108.467	-0.018
108.489	-0.018
108.511	-0.018
108.533	-0.018
108.556	-0.018
108.578	-0.018
108.600	-0.018
108.622	-0.018
108.644	-0.018
108.667	-0.018
108.689	-0.018
108.711	-0.018
108.733	-0.018
108.756	-0.018
108.778	-0.018
108.800	-0.018
108.822	-0.018
108.844	-0.018
108.867	-0.018
108.889	-0.018
108.911	-0.017
108.933	-0.017
108.956	-0.017
108.978	-0.017
109.000	-0.017
109.022	-0.017
109.044	-0.017
109.067	-0.017
109.089	-0.017
109.111	-0.017
109.133	-0.017
109.156	-0.017
109.178	-0.017
109.200	-0.017
109.222	-0.017
109.244	-0.017
109.267	-0.017
109.289	-0.017
109.311	-0.017
109.333	-0.017
109.356	-0.017
109.378	-0.017
109.400	-0.017
109.422	-0.017
109.444	-0.017
109.467	-0.017
109.489	-0.017
109.511	-0.017
109.533	-0.017

109.556	-0.017
109.578	-0.017
109.600	-0.017
109.622	-0.017
109.644	-0.017
109.667	-0.017
109.689	-0.017
109.711	-0.017
109.733	-0.017
109.756	-0.017
109.778	-0.017
109.800	-0.017
109.822	-0.017
109.844	-0.017
109.867	-0.017
109.889	-0.017
109.911	-0.017
109.933	-0.017
109.956	-0.017
109.978	-0.017
110.000	-0.017
110.022	-0.017
110.044	-0.017
110.067	-0.017
110.089	-0.017
110.111	-0.017
110.133	-0.017
110.156	-0.017
110.178	-0.017
110.200	-0.017
110.222	-0.017
110.244	-0.017
110.267	-0.017
110.289	-0.017
110.311	-0.017
110.333	-0.017
110.356	-0.017
110.378	-0.017
110.400	-0.017
110.422	-0.017
110.444	-0.017
110.467	-0.017
110.489	-0.017
110.511	-0.017
110.533	-0.017
110.556	-0.017
110.578	-0.017
110.600	-0.017
110.622	-0.017
110.644	-0.017
110.667	-0.017
110.689	-0.017
110.711	-0.017
110.733	-0.017
110.756	-0.017
110.778	-0.017
110.800	-0.017
110.822	-0.017
110.844	-0.017
110.867	-0.017
110.889	-0.017
110.911	-0.017
110.933	-0.017
110.956	-0.017
110.978	-0.017

111.000	-0.017
111.022	-0.017
111.044	-0.017
111.067	-0.017
111.089	-0.017
111.111	-0.017
111.133	-0.017
111.156	-0.017
111.178	-0.017
111.200	-0.017
111.222	-0.017
111.244	-0.017
111.267	-0.017
111.289	-0.017
111.311	-0.017
111.333	-0.017
111.356	-0.017
111.378	-0.017
111.400	-0.017
111.422	-0.017
111.444	-0.017
111.467	-0.017
111.489	-0.017
111.511	-0.017
111.533	-0.017
111.556	-0.017
111.578	-0.017
111.600	-0.017
111.622	-0.017
111.644	-0.017
111.667	-0.017
111.689	-0.017
111.711	-0.017
111.733	-0.017
111.756	-0.017
111.778	-0.017
111.800	-0.017
111.822	-0.017
111.844	-0.017
111.867	-0.017
111.889	-0.017
111.911	-0.017
111.933	-0.017
111.956	-0.017
111.978	-0.017
112.000	-0.017
112.022	-0.017
112.044	-0.017
112.067	-0.017
112.089	-0.017
112.111	-0.017
112.133	-0.017
112.156	-0.017
112.178	-0.017
112.200	-0.017
112.222	-0.017
112.244	-0.017
112.267	-0.017
112.289	-0.017
112.311	-0.017
112.333	-0.017
112.356	-0.017
112.378	-0.017
112.400	-0.017
112.422	-0.017

112.444	-0.017
112.467	-0.017
112.489	-0.017
112.511	-0.017
112.533	-0.017
112.556	-0.017
112.578	-0.017
112.600	-0.017
112.622	-0.017
112.644	-0.017
112.667	-0.017
112.689	-0.017
112.711	-0.017
112.733	-0.017
112.756	-0.017
112.778	-0.017
112.800	-0.017
112.822	-0.017
112.844	-0.017
112.867	-0.017
112.889	-0.017
112.911	-0.017
112.933	-0.017
112.956	-0.017
112.978	-0.017
113.000	-0.017
113.022	-0.017
113.044	-0.017
113.067	-0.017
113.089	-0.017
113.111	-0.017
113.133	-0.017
113.156	-0.017
113.178	-0.017
113.200	-0.017
113.222	-0.017
113.244	-0.017
113.267	-0.017
113.289	-0.017
113.311	-0.017
113.333	-0.017
113.356	-0.017
113.378	-0.017
113.400	-0.017
113.422	-0.017
113.444	-0.017
113.467	-0.017
113.489	-0.017
113.511	-0.017
113.533	-0.017
113.556	-0.017
113.578	-0.017
113.600	-0.017
113.622	-0.017
113.644	-0.017
113.667	-0.017
113.689	-0.017
113.711	-0.017
113.733	-0.017
113.756	-0.017
113.778	-0.017
113.800	-0.017
113.822	-0.017
113.844	-0.017
113.867	-0.017

113.889	-0.017
113.911	-0.017
113.933	-0.017
113.956	-0.017
113.978	-0.017
114.000	-0.017
114.022	-0.017
114.044	-0.017
114.067	-0.017
114.089	-0.017
114.111	-0.017
114.133	-0.017
114.156	-0.017
114.178	-0.017
114.200	-0.017
114.222	-0.017
114.244	-0.017
114.267	-0.017
114.289	-0.017
114.311	-0.017
114.333	-0.017
114.356	-0.017
114.378	-0.017
114.400	-0.017
114.422	-0.017
114.444	-0.017
114.467	-0.017
114.489	-0.017
114.511	-0.017
114.533	-0.017
114.556	-0.017
114.578	-0.017
114.600	-0.017
114.622	-0.017
114.644	-0.017
114.667	-0.017
114.689	-0.017
114.711	-0.017
114.733	-0.017
114.756	-0.017
114.778	-0.017
114.800	-0.017
114.822	-0.017
114.844	-0.017
114.867	-0.017
114.889	-0.017
114.911	-0.017
114.933	-0.017
114.956	-0.017
114.978	-0.017
115.000	-0.017
115.022	-0.017
115.044	-0.017
115.067	-0.017
115.089	-0.017
115.111	-0.017
115.133	-0.017
115.156	-0.017
115.178	-0.017
115.200	-0.017
115.222	-0.017
115.244	-0.017
115.267	-0.017
115.289	-0.017
115.311	-0.017

115.333	-0.017
115.356	-0.017
115.378	-0.017
115.400	-0.017
115.422	-0.017
115.444	-0.017
115.467	-0.017
115.489	-0.017
115.511	-0.017
115.533	-0.017
115.556	-0.017
115.578	-0.017
115.600	-0.017
115.622	-0.017
115.644	-0.017
115.667	-0.017
115.689	-0.017
115.711	-0.017
115.733	-0.017
115.756	-0.017
115.778	-0.017
115.800	-0.017
115.822	-0.017
115.844	-0.017
115.867	-0.017
115.889	-0.017
115.911	-0.017
115.933	-0.017
115.956	-0.017
115.978	-0.017
116.000	-0.017
116.022	-0.017
116.044	-0.017
116.067	-0.017
116.089	-0.017
116.111	-0.017
116.133	-0.017
116.156	-0.017
116.178	-0.017
116.200	-0.017
116.222	-0.017
116.244	-0.017
116.267	-0.017
116.289	-0.017
116.311	-0.017
116.333	-0.017
116.356	-0.017
116.378	-0.017
116.400	-0.017
116.422	-0.017
116.444	-0.017
116.467	-0.017
116.489	-0.017
116.511	-0.017
116.533	-0.017
116.556	-0.017
116.578	-0.017
116.600	-0.017
116.622	-0.017
116.644	-0.017
116.667	-0.017
116.689	-0.017
116.711	-0.017
116.733	-0.017
116.756	-0.017

116.778	-0.017
116.800	-0.017
116.822	-0.017
116.844	-0.017
116.867	-0.017
116.889	-0.017
116.911	-0.017
116.933	-0.017
116.956	-0.017
116.978	-0.017
117.000	-0.017
117.022	-0.017
117.044	-0.017
117.067	-0.017
117.089	-0.017
117.111	-0.017
117.133	-0.017
117.156	-0.017
117.178	-0.017
117.200	-0.017
117.222	-0.017
117.244	-0.017
117.267	-0.017
117.289	-0.017
117.311	-0.017
117.333	-0.017
117.356	-0.017
117.378	-0.017
117.400	-0.017
117.422	-0.017
117.444	-0.017
117.467	-0.017
117.489	-0.017
117.511	-0.017
117.533	-0.017
117.556	-0.017
117.578	-0.017
117.600	-0.017
117.622	-0.017
117.644	-0.017
117.667	-0.017
117.689	-0.017
117.711	-0.017
117.733	-0.017
117.756	-0.017
117.778	-0.017
117.800	-0.017
117.822	-0.017
117.844	-0.017
117.867	-0.017
117.889	-0.017
117.911	-0.017
117.933	-0.017
117.956	-0.017
117.978	-0.017
118.000	-0.017
118.022	-0.017
118.044	-0.017
118.067	-0.017
118.089	-0.017
118.111	-0.017
118.133	-0.017
118.156	-0.017
118.178	-0.017
118.200	-0.017

118.222	-0.017
118.244	-0.017
118.267	-0.017
118.289	-0.017
118.311	-0.017
118.333	-0.017
118.356	-0.017
118.378	-0.017
118.400	-0.017
118.422	-0.017
118.444	-0.017
118.467	-0.017
118.489	-0.017
118.511	-0.017
118.533	-0.017
118.556	-0.017
118.578	-0.017
118.600	-0.017
118.622	-0.017
118.644	-0.017
118.667	-0.017
118.689	-0.017
118.711	-0.017
118.733	-0.017
118.756	-0.017
118.778	-0.017
118.800	-0.017
118.822	-0.017
118.844	-0.017
118.867	-0.017
118.889	-0.017
118.911	-0.017
118.933	-0.017
118.956	-0.017
118.978	-0.017
119.000	-0.017
119.022	-0.017
119.044	-0.017
119.067	-0.017
119.089	-0.017
119.111	-0.017
119.133	-0.017
119.156	-0.017
119.178	-0.017
119.200	-0.017
119.222	-0.017
119.244	-0.017
119.267	-0.017
119.289	-0.017
119.311	-0.017
119.333	-0.017
119.356	-0.017
119.378	-0.017
119.400	-0.017
119.422	-0.017
119.444	-0.017
119.467	-0.017
119.489	-0.017
119.511	-0.017
119.533	-0.017
119.556	-0.017
119.578	-0.017
119.600	-0.017
119.622	-0.017
119.644	-0.017

119.667	-0.017
119.689	-0.017
119.711	-0.017
119.733	-0.017
119.756	-0.017
119.778	-0.017
119.800	-0.017
119.822	-0.017
119.844	-0.017
119.867	-0.017
119.889	-0.017
119.911	-0.017
119.933	-0.017
119.956	-0.017
119.978	-0.017
120.000	-0.017
120.022	-0.017
120.044	-0.017
120.067	-0.017
120.089	-0.017
120.111	-0.017
120.133	-0.017
120.156	-0.017
120.178	-0.017
120.200	-0.017
120.222	-0.017
120.244	-0.017
120.267	-0.017
120.289	-0.017
120.311	-0.017
120.333	-0.017
120.356	-0.017
120.378	-0.017
120.400	-0.017
120.422	-0.017
120.444	-0.017
120.467	-0.017
120.489	-0.017
120.511	-0.017
120.533	-0.017
120.556	-0.017
120.578	-0.017
120.600	-0.017
120.622	-0.017
120.644	-0.017
120.667	-0.017
120.689	-0.017
120.711	-0.017
120.733	-0.017
120.756	-0.017
120.778	-0.017
120.800	-0.017
120.822	-0.017
120.844	-0.017
120.867	-0.017
120.889	-0.017
120.911	-0.017
120.933	-0.017
120.956	-0.017
120.978	-0.017
121.000	-0.017
121.022	-0.017
121.044	-0.016
121.067	-0.016
121.089	-0.016

121.111	-0.016
121.133	-0.016
121.156	-0.016
121.178	-0.016
121.200	-0.016
121.222	-0.016
121.244	-0.016
121.267	-0.016
121.289	-0.016
121.311	-0.016
121.333	-0.016
121.356	-0.016
121.378	-0.016
121.400	-0.016
121.422	-0.016
121.444	-0.016
121.467	-0.016
121.489	-0.016
121.511	-0.016
121.533	-0.016
121.556	-0.016
121.578	-0.016
121.600	-0.016
121.622	-0.016
121.644	-0.016
121.667	-0.016
121.689	-0.016
121.711	-0.016
121.733	-0.016
121.756	-0.016
121.778	-0.016
121.800	-0.016
121.822	-0.016
121.844	-0.016
121.867	-0.016
121.889	-0.016
121.911	-0.016
121.933	-0.016
121.956	-0.016
121.978	-0.016
122.000	-0.016
122.022	-0.016
122.044	-0.016
122.067	-0.016
122.089	-0.016
122.111	-0.016
122.133	-0.016
122.156	-0.016
122.178	-0.016
122.200	-0.016
122.222	-0.016
122.244	-0.016
122.267	-0.016
122.289	-0.016
122.311	-0.016
122.333	-0.016
122.356	-0.016
122.378	-0.016
122.400	-0.016
122.422	-0.016
122.444	-0.016
122.467	-0.016
122.489	-0.016
122.511	-0.016
122.533	-0.016

122.556	-0.016
122.578	-0.016
122.600	-0.016
122.622	-0.016
122.644	-0.016
122.667	-0.016
122.689	-0.016
122.711	-0.016
122.733	-0.016
122.756	-0.016
122.778	-0.016
122.800	-0.016
122.822	-0.016
122.844	-0.016
122.867	-0.016
122.889	-0.016
122.911	-0.016
122.933	-0.016
122.956	-0.016
122.978	-0.016
123.000	-0.016
123.022	-0.016
123.044	-0.016
123.067	-0.016
123.089	-0.016
123.111	-0.016
123.133	-0.016
123.156	-0.016
123.178	-0.016
123.200	-0.016
123.222	-0.016
123.244	-0.016
123.267	-0.016
123.289	-0.016
123.311	-0.016
123.333	-0.016
123.356	-0.016
123.378	-0.016
123.400	-0.016
123.422	-0.016
123.444	-0.016
123.467	-0.016
123.489	-0.016
123.511	-0.016
123.533	-0.016
123.556	-0.016
123.578	-0.016
123.600	-0.016
123.622	-0.016
123.644	-0.016
123.667	-0.016
123.689	-0.016
123.711	-0.016
123.733	-0.016
123.756	-0.016
123.778	-0.016
123.800	-0.016
123.822	-0.016
123.844	-0.016
123.867	-0.016
123.889	-0.016
123.911	-0.016
123.933	-0.016
123.956	-0.016
123.978	-0.016

124.000	-0.016
124.022	-0.016
124.044	-0.016
124.067	-0.016
124.089	-0.016
124.111	-0.016
124.133	-0.016
124.156	-0.016
124.178	-0.016
124.200	-0.016
124.222	-0.016
124.244	-0.016
124.267	-0.016
124.289	-0.016
124.311	-0.016
124.333	-0.016
124.356	-0.016
124.378	-0.016
124.400	-0.016
124.422	-0.016
124.444	-0.016
124.467	-0.016
124.489	-0.016
124.511	-0.016
124.533	-0.016
124.556	-0.016
124.578	-0.016
124.600	-0.016
124.622	-0.016
124.644	-0.016
124.667	-0.016
124.689	-0.016
124.711	-0.016
124.733	-0.016
124.756	-0.016
124.778	-0.016
124.800	-0.016
124.822	-0.016
124.844	-0.016
124.867	-0.016
124.889	-0.016
124.911	-0.016
124.933	-0.016
124.956	-0.016
124.978	-0.016
125.000	-0.016
125.022	-0.016
125.044	-0.016
125.067	-0.016
125.089	-0.016
125.111	-0.016
125.133	-0.016
125.156	-0.016
125.178	-0.016
125.200	-0.016
125.222	-0.016
125.244	-0.016
125.267	-0.016
125.289	-0.016
125.311	-0.016
125.333	-0.016
125.356	-0.016
125.378	-0.016
125.400	-0.016
125.422	-0.016

125.444	-0.016
125.467	-0.016
125.489	-0.016
125.511	-0.016
125.533	-0.016
125.556	-0.016
125.578	-0.016
125.600	-0.016
125.622	-0.016
125.644	-0.016
125.667	-0.016
125.689	-0.016
125.711	-0.016
125.733	-0.016
125.756	-0.016
125.778	-0.016
125.800	-0.016
125.822	-0.016
125.844	-0.016
125.867	-0.016
125.889	-0.016
125.911	-0.016
125.933	-0.016
125.956	-0.016
125.978	-0.016
126.000	-0.016
126.022	-0.016
126.044	-0.016
126.067	-0.016
126.089	-0.016
126.111	-0.016
126.133	-0.016
126.156	-0.016
126.178	-0.016
126.200	-0.016
126.222	-0.016
126.244	-0.016
126.267	-0.016
126.289	-0.016
126.311	-0.016
126.333	-0.016
126.356	-0.016
126.378	-0.016
126.400	-0.016
126.422	-0.016
126.444	-0.016
126.467	-0.016
126.489	-0.016
126.511	-0.016
126.533	-0.016
126.556	-0.016
126.578	-0.016
126.600	-0.016
126.622	-0.016
126.644	-0.016
126.667	-0.016
126.689	-0.016
126.711	-0.016
126.733	-0.016
126.756	-0.016
126.778	-0.016
126.800	-0.016
126.822	-0.016
126.844	-0.016
126.867	-0.016

126.889	-0.016
126.911	-0.016
126.933	-0.016
126.956	-0.016
126.978	-0.016
127.000	-0.016
127.022	-0.016
127.044	-0.016
127.067	-0.016
127.089	-0.016
127.111	-0.016
127.133	-0.016
127.156	-0.016
127.178	-0.016
127.200	-0.016
127.222	-0.016
127.244	-0.016
127.267	-0.016
127.289	-0.016
127.311	-0.016
127.333	-0.016
127.356	-0.016
127.378	-0.016
127.400	-0.016
127.422	-0.016
127.444	-0.016
127.467	-0.016
127.489	-0.016
127.511	-0.016
127.533	-0.016
127.556	-0.016
127.578	-0.016
127.600	-0.016
127.622	-0.016
127.644	-0.016
127.667	-0.016
127.689	-0.016
127.711	-0.016
127.733	-0.016
127.756	-0.016
127.778	-0.016
127.800	-0.016
127.822	-0.016
127.844	-0.016
127.867	-0.016
127.889	-0.016
127.911	-0.016
127.933	-0.016
127.956	-0.016
127.978	-0.016
128.000	-0.016
128.022	-0.016
128.044	-0.016
128.067	-0.016
128.089	-0.016
128.111	-0.016
128.133	-0.016
128.155	-0.016
128.178	-0.016
128.200	-0.016
128.222	-0.016
128.244	-0.016
128.267	-0.016
128.289	-0.016
128.311	-0.016

128.333	-0.016
128.356	-0.016
128.378	-0.016
128.400	-0.016
128.422	-0.016
128.444	-0.016
128.467	-0.016
128.489	-0.016
128.511	-0.016
128.533	-0.016
128.556	-0.016
128.578	-0.016
128.600	-0.016
128.622	-0.016
128.644	-0.016
128.667	-0.016
128.689	-0.016
128.711	-0.016
128.733	-0.016
128.756	-0.016
128.778	-0.016
128.800	-0.016
128.822	-0.016
128.845	-0.016
128.867	-0.016
128.889	-0.016
128.911	-0.016
128.933	-0.016
128.956	-0.016
128.978	-0.016
129.000	-0.016
129.022	-0.016
129.044	-0.016
129.067	-0.015
129.089	-0.015
129.111	-0.015
129.133	-0.015
129.155	-0.015
129.178	-0.015
129.200	-0.015
129.222	-0.015
129.244	-0.015
129.267	-0.015
129.289	-0.015
129.311	-0.015
129.333	-0.015
129.356	-0.015
129.378	-0.015
129.400	-0.015
129.422	-0.015
129.444	-0.015
129.467	-0.015
129.489	-0.015
129.511	-0.015
129.533	-0.015
129.556	-0.015
129.578	-0.015
129.600	-0.015
129.622	-0.015
129.644	-0.015
129.667	-0.015
129.689	-0.015
129.711	-0.015
129.733	-0.015
129.756	-0.015

129.778	-0.015
129.800	-0.015
129.822	-0.015
129.845	-0.015
129.867	-0.015
129.889	-0.015
129.911	-0.015
129.933	-0.015
129.956	-0.015
129.978	-0.015
130.000	-0.015
130.022	-0.015
130.044	-0.015
130.067	-0.015
130.089	-0.015
130.111	-0.015
130.133	-0.015
130.155	-0.015
130.178	-0.015
130.200	-0.015
130.222	-0.015
130.244	-0.015
130.267	-0.015
130.289	-0.015
130.311	-0.015
130.333	-0.015
130.356	-0.015
130.378	-0.015
130.400	-0.015
130.422	-0.015
130.444	-0.015
130.467	-0.015
130.489	-0.015
130.511	-0.015
130.533	-0.015
130.556	-0.015
130.578	-0.015
130.600	-0.015
130.622	-0.015
130.644	-0.015
130.667	-0.015
130.689	-0.015
130.711	-0.015
130.733	-0.015
130.756	-0.015
130.778	-0.015
130.800	-0.015
130.822	-0.015
130.845	-0.015
130.867	-0.015
130.889	-0.015
130.911	-0.015
130.933	-0.015
130.956	-0.015
130.978	-0.015
131.000	-0.015
131.022	-0.015
131.044	-0.015
131.067	-0.015
131.089	-0.015
131.111	-0.015
131.133	-0.015
131.155	-0.015
131.178	-0.015
131.200	-0.015

131.222	-0.015
131.244	-0.015
131.267	-0.015
131.289	-0.015
131.311	-0.015
131.333	-0.015
131.356	-0.015
131.378	-0.015
131.400	-0.015
131.422	-0.015
131.444	-0.015
131.467	-0.015
131.489	-0.015
131.511	-0.015
131.533	-0.015
131.556	-0.015
131.578	-0.015
131.600	-0.015
131.622	-0.015
131.644	-0.015
131.667	-0.015
131.689	-0.015
131.711	-0.015
131.733	-0.015
131.756	-0.015
131.778	-0.015
131.800	-0.015
131.822	-0.015
131.845	-0.015
131.867	-0.015
131.889	-0.015
131.911	-0.015
131.933	-0.015
131.956	-0.015
131.978	-0.015
132.000	-0.015
132.022	-0.015
132.044	-0.015
132.067	-0.015
132.089	-0.015
132.111	-0.015
132.133	-0.015
132.155	-0.015
132.178	-0.015
132.200	-0.015
132.222	-0.015
132.244	-0.015
132.267	-0.015
132.289	-0.015
132.311	-0.015
132.333	-0.015
132.356	-0.015
132.378	-0.015
132.400	-0.015
132.422	-0.015
132.444	-0.015
132.467	-0.015
132.489	-0.015
132.511	-0.015
132.533	-0.015
132.556	-0.015
132.578	-0.015
132.600	-0.015
132.622	-0.015
132.644	-0.015

132.667	-0.015
132.689	-0.015
132.711	-0.015
132.733	-0.015
132.756	-0.015
132.778	-0.015
132.800	-0.015
132.822	-0.015
132.845	-0.015
132.867	-0.015
132.889	-0.015
132.911	-0.015
132.933	-0.015
132.956	-0.015
132.978	-0.015
133.000	-0.015
133.022	-0.015
133.044	-0.015
133.067	-0.015
133.089	-0.015
133.111	-0.015
133.133	-0.015
133.155	-0.015
133.178	-0.015
133.200	-0.015
133.222	-0.015
133.244	-0.015
133.267	-0.015
133.289	-0.015
133.311	-0.015
133.333	-0.015
133.356	-0.015
133.378	-0.015
133.400	-0.015
133.422	-0.015
133.444	-0.015
133.467	-0.015
133.489	-0.015
133.511	-0.015
133.533	-0.015
133.556	-0.015
133.578	-0.015
133.600	-0.015
133.622	-0.015
133.644	-0.015
133.667	-0.015
133.689	-0.015
133.711	-0.015
133.733	-0.015
133.756	-0.015
133.778	-0.015
133.800	-0.015
133.822	-0.015
133.845	-0.015
133.867	-0.015
133.889	-0.015
133.911	-0.015
133.933	-0.015
133.956	-0.015
133.978	-0.015
134.000	-0.015
134.022	-0.015
134.044	-0.015
134.067	-0.015
134.089	-0.015

134.111	-0.015
134.133	-0.015
134.155	-0.015
134.178	-0.015
134.200	-0.015
134.222	-0.015
134.244	-0.015
134.267	-0.015
134.289	-0.015
134.311	-0.015
134.333	-0.015
134.356	-0.015
134.378	-0.015
134.400	-0.015
134.422	-0.015
134.444	-0.015
134.467	-0.015
134.489	-0.015
134.511	-0.015
134.533	-0.015
134.556	-0.015
134.578	-0.015
134.600	-0.015
134.622	-0.015
134.644	-0.015
134.667	-0.015
134.689	-0.015
134.711	-0.015
134.733	-0.015
134.756	-0.015
134.778	-0.015
134.800	-0.015
134.822	-0.015
134.845	-0.015
134.867	-0.015
134.889	-0.015
134.911	-0.015
134.933	-0.015
134.956	-0.015
134.978	-0.015
135.000	-0.015
135.022	-0.015
135.044	-0.015
135.067	-0.015
135.089	-0.015
135.111	-0.015
135.133	-0.015
135.155	-0.015
135.178	-0.015
135.200	-0.015
135.222	-0.015
135.244	-0.015
135.267	-0.015
135.289	-0.015
135.311	-0.015
135.333	-0.015
135.356	-0.015
135.378	-0.015
135.400	-0.015
135.422	-0.015
135.444	-0.015
135.467	-0.015
135.489	-0.015
135.511	-0.015
135.533	-0.015

135.556	-0.015
135.578	-0.015
135.600	-0.015
135.622	-0.015
135.644	-0.015
135.667	-0.015
135.689	-0.015
135.711	-0.015
135.733	-0.015
135.756	-0.015
135.778	-0.015
135.800	-0.015
135.822	-0.015
135.845	-0.015
135.867	-0.015
135.889	-0.015
135.911	-0.015
135.933	-0.015
135.956	-0.015
135.978	-0.015
136.000	-0.015
136.022	-0.015
136.044	-0.015
136.067	-0.015
136.089	-0.015
136.111	-0.015
136.133	-0.015
136.155	-0.015
136.178	-0.015
136.200	-0.015
136.222	-0.015
136.244	-0.015
136.267	-0.015
136.289	-0.015
136.311	-0.015
136.333	-0.015
136.356	-0.015
136.378	-0.015
136.400	-0.015
136.422	-0.015
136.444	-0.015
136.467	-0.015
136.489	-0.015
136.511	-0.015
136.533	-0.015
136.556	-0.015
136.578	-0.015
136.600	-0.015
136.622	-0.015
136.644	-0.015
136.667	-0.015
136.689	-0.015
136.711	-0.015
136.733	-0.015
136.756	-0.015
136.778	-0.015
136.800	-0.015
136.822	-0.015
136.845	-0.015
136.867	-0.015
136.889	-0.015
136.911	-0.015
136.933	-0.015
136.956	-0.015
136.978	-0.015

137.000	-0.015
137.022	-0.015
137.044	-0.015
137.067	-0.015
137.089	-0.015
137.111	-0.015
137.133	-0.015
137.155	-0.015
137.178	-0.015
137.200	-0.015
137.222	-0.015
137.244	-0.015
137.267	-0.015
137.289	-0.015
137.311	-0.015
137.333	-0.015
137.356	-0.015
137.378	-0.015
137.400	-0.015
137.422	-0.015
137.444	-0.015
137.467	-0.015
137.489	-0.015
137.511	-0.015
137.533	-0.015
137.556	-0.015
137.578	-0.015
137.600	-0.015
137.622	-0.015
137.644	-0.015
137.667	-0.015
137.689	-0.015
137.711	-0.015
137.733	-0.015
137.756	-0.015
137.778	-0.015
137.800	-0.015
137.822	-0.015
137.845	-0.015
137.867	-0.015
137.889	-0.015
137.911	-0.015
137.933	-0.015
137.956	-0.015
137.978	-0.015
138.000	-0.015
138.022	-0.015
138.044	-0.015
138.067	-0.015
138.089	-0.015
138.111	-0.015
138.133	-0.015
138.155	-0.015
138.178	-0.015
138.200	-0.015
138.222	-0.015
138.244	-0.015
138.267	-0.015
138.289	-0.015
138.311	-0.015
138.333	-0.015
138.356	-0.015
138.378	-0.015
138.400	-0.015
138.422	-0.015

138.444	-0.015
138.467	-0.015
138.489	-0.015
138.511	-0.015
138.533	-0.015
138.556	-0.015
138.578	-0.015
138.600	-0.015
138.622	-0.015
138.644	-0.015
138.667	-0.015
138.689	-0.015
138.711	-0.015
138.733	-0.015
138.756	-0.015
138.778	-0.015
138.800	-0.015
138.822	-0.015
138.845	-0.015
138.867	-0.015
138.889	-0.015
138.911	-0.015
138.933	-0.015
138.956	-0.015
138.978	-0.015
139.000	-0.015
139.022	-0.015
139.044	-0.015
139.067	-0.015
139.089	-0.015
139.111	-0.015
139.133	-0.015
139.155	-0.015
139.178	-0.015
139.200	-0.015
139.222	-0.015
139.244	-0.015
139.267	-0.015
139.289	-0.015
139.311	-0.015
139.333	-0.015
139.356	-0.015
139.378	-0.015
139.400	-0.015
139.422	-0.015
139.444	-0.015
139.467	-0.015
139.489	-0.015
139.511	-0.015
139.533	-0.015
139.556	-0.015
139.578	-0.015
139.600	-0.015
139.622	-0.015
139.644	-0.015
139.667	-0.015
139.689	-0.015
139.711	-0.015
139.733	-0.015
139.756	-0.015
139.778	-0.015
139.800	-0.015
139.822	-0.015
139.845	-0.015
139.867	-0.015

139.889	-0.015
139.911	-0.015
139.933	-0.015
139.956	-0.015
139.978	-0.015
140.000	-0.015
140.022	-0.015
140.044	-0.015
140.067	-0.015
140.089	-0.015
140.111	-0.015
140.133	-0.015
140.155	-0.015
140.178	-0.015
140.200	-0.015
140.222	-0.015
140.244	-0.015
140.267	-0.015
140.289	-0.015
140.311	-0.015
140.333	-0.015
140.356	-0.015
140.378	-0.015
140.400	-0.015
140.422	-0.015
140.444	-0.015
140.467	-0.015
140.489	-0.015
140.511	-0.015
140.533	-0.015
140.556	-0.015
140.578	-0.015
140.600	-0.015
140.622	-0.015
140.644	-0.015
140.667	-0.015
140.689	-0.015
140.711	-0.015
140.733	-0.015
140.756	-0.015
140.778	-0.015
140.800	-0.015
140.822	-0.015
140.845	-0.015
140.867	-0.015
140.889	-0.015
140.911	-0.015
140.933	-0.015
140.956	-0.015
140.978	-0.015
141.000	-0.015
141.022	-0.015
141.044	-0.015
141.067	-0.015
141.089	-0.015
141.111	-0.015
141.133	-0.015
141.155	-0.015
141.178	-0.015
141.200	-0.015
141.222	-0.015
141.244	-0.015
141.267	-0.015
141.289	-0.015
141.311	-0.015

141.333	-0.015
141.356	-0.015
141.378	-0.015
141.400	-0.015
141.422	-0.015
141.444	-0.015
141.467	-0.015
141.489	-0.015
141.511	-0.015
141.533	-0.015
141.556	-0.015
141.578	-0.015
141.600	-0.015
141.622	-0.015
141.644	-0.015
141.667	-0.015
141.689	-0.015
141.711	-0.015
141.733	-0.015
141.756	-0.015
141.778	-0.015
141.800	-0.015
141.822	-0.015
141.845	-0.015
141.867	-0.015
141.889	-0.015
141.911	-0.015
141.933	-0.015
141.956	-0.015
141.978	-0.015
142.000	-0.015
142.022	-0.015
142.044	-0.015
142.067	-0.015
142.089	-0.015
142.111	-0.015
142.133	-0.015
142.155	-0.015
142.178	-0.015
142.200	-0.015
142.222	-0.015
142.244	-0.015
142.267	-0.015
142.289	-0.015
142.311	-0.015
142.333	-0.015
142.356	-0.015
142.378	-0.015
142.400	-0.015
142.422	-0.015
142.444	-0.015
142.467	-0.015
142.489	-0.015
142.511	-0.015
142.533	-0.015
142.556	-0.015
142.578	-0.015
142.600	-0.015
142.622	-0.015
142.644	-0.015
142.667	-0.015
142.689	-0.015
142.711	-0.015
142.733	-0.015
142.756	-0.015

142.778	-0.015
142.800	-0.015
142.822	-0.015
142.845	-0.015
142.867	-0.015
142.889	-0.015
142.911	-0.015
142.933	-0.015
142.956	-0.015
142.978	-0.015
143.000	-0.015
143.022	-0.015
143.044	-0.015
143.067	-0.015
143.089	-0.015
143.111	-0.015
143.133	-0.015
143.155	-0.015
143.178	-0.015
143.200	-0.015
143.222	-0.015
143.244	-0.015
143.267	-0.015
143.289	-0.015
143.311	-0.015
143.333	-0.015
143.356	-0.015
143.378	-0.015
143.400	-0.015
143.422	-0.015
143.444	-0.015
143.467	-0.015
143.489	-0.015
143.511	-0.015
143.533	-0.015
143.556	-0.015
143.578	-0.015
143.600	-0.015
143.622	-0.015
143.644	-0.015
143.667	-0.015
143.689	-0.015
143.711	-0.015
143.733	-0.015
143.756	-0.015
143.778	-0.015
143.800	-0.015
143.822	-0.015
143.845	-0.015
143.867	-0.015
143.889	-0.015
143.911	-0.015
143.933	-0.015
143.956	-0.015
143.978	-0.015
144.000	-0.015
144.022	-0.015
144.044	-0.015
144.067	-0.015
144.089	-0.015
144.111	-0.015
144.133	-0.015
144.155	-0.015
144.178	-0.015
144.200	-0.016

144.222	-0.016
144.244	-0.016
144.267	-0.016
144.289	-0.016
144.311	-0.016
144.333	-0.017
144.356	-0.017
144.378	-0.017
144.400	-0.017
144.422	-0.017
144.444	-0.017
144.467	-0.017
144.489	-0.018
144.511	-0.018
144.533	-0.018
144.556	-0.018
144.578	-0.018
144.600	-0.018
144.622	-0.018
144.644	-0.018
144.667	-0.018
144.689	-0.019
144.711	-0.019
144.733	-0.019
144.756	-0.019
144.778	-0.019
144.800	-0.019
144.822	-0.019
144.845	-0.019
144.867	-0.019
144.889	-0.019
144.911	-0.019
144.933	-0.019
144.956	-0.019
144.978	-0.020
145.000	-0.020
145.022	-0.020
145.044	-0.020
145.067	-0.020
145.089	-0.020
145.111	-0.020
145.133	-0.020
145.155	-0.020
145.178	-0.020
145.200	-0.020
145.222	-0.020
145.244	-0.020
145.267	-0.020
145.289	-0.020
145.311	-0.020
145.333	-0.020
145.356	-0.020
145.378	-0.020
145.400	-0.020
145.422	-0.021
145.444	-0.021
145.467	-0.021
145.489	-0.021
145.511	-0.021
145.533	-0.021
145.556	-0.021
145.578	-0.021
145.600	-0.021
145.622	-0.021
145.644	-0.021

145.667	-0.021
145.689	-0.021
145.711	-0.021
145.733	-0.021
145.756	-0.021
145.778	-0.021
145.800	-0.021
145.822	-0.021
145.845	-0.021
145.867	-0.021
145.889	-0.021
145.911	-0.021
145.933	-0.021
145.956	-0.021
145.978	-0.021
146.000	-0.021
146.022	-0.021
146.044	-0.022
146.067	-0.022
146.089	-0.022
146.111	-0.022
146.133	-0.022
146.155	-0.022
146.178	-0.022
146.200	-0.022
146.222	-0.022
146.244	-0.022
146.267	-0.022
146.289	-0.022
146.311	-0.022
146.333	-0.022
146.356	-0.022
146.378	-0.022
146.400	-0.022
146.422	-0.022
146.444	-0.022
146.467	-0.022
146.489	-0.022
146.511	-0.022
146.533	-0.022
146.556	-0.022
146.578	-0.022
146.600	-0.022
146.622	-0.022
146.644	-0.022
146.667	-0.022
146.689	-0.022
146.711	-0.022
146.733	-0.022
146.756	-0.022
146.778	-0.022
146.800	-0.022
146.822	-0.022
146.845	-0.022
146.867	-0.022
146.889	-0.022
146.911	-0.023
146.933	-0.023
146.956	-0.023
146.978	-0.023
147.000	-0.023
147.022	-0.023
147.044	-0.023
147.067	-0.023
147.089	-0.023

147.111	-0.023
147.133	-0.023
147.155	-0.023
147.178	-0.023
147.200	-0.023
147.222	-0.023
147.244	-0.023
147.267	-0.023
147.289	-0.023
147.311	-0.023
147.333	-0.023
147.356	-0.023
147.378	-0.023
147.400	-0.023
147.422	-0.023
147.444	-0.023
147.467	-0.023
147.489	-0.023
147.511	-0.023
147.533	-0.023
147.556	-0.023
147.578	-0.023
147.600	-0.023
147.622	-0.023
147.644	-0.023
147.667	-0.023
147.689	-0.023
147.711	-0.023
147.733	-0.023
147.756	-0.023
147.778	-0.023
147.800	-0.023
147.822	-0.023
147.845	-0.023
147.867	-0.023
147.889	-0.023
147.911	-0.023
147.933	-0.023
147.956	-0.023
147.978	-0.023
148.000	-0.023
148.022	-0.023
148.044	-0.023
148.067	-0.023
148.089	-0.023
148.111	-0.024
148.133	-0.024
148.155	-0.024
148.178	-0.024
148.200	-0.024
148.222	-0.024
148.244	-0.024
148.267	-0.024
148.289	-0.024
148.311	-0.024
148.333	-0.024
148.356	-0.024
148.378	-0.024
148.400	-0.024
148.422	-0.024
148.444	-0.024
148.467	-0.024
148.489	-0.024
148.511	-0.024
148.533	-0.024

148.556	-0.024
148.578	-0.024
148.600	-0.024
148.622	-0.024
148.644	-0.024
148.667	-0.024
148.689	-0.024
148.711	-0.024
148.733	-0.024
148.756	-0.024
148.778	-0.024
148.800	-0.024
148.822	-0.024
148.845	-0.024
148.867	-0.024
148.889	-0.024
148.911	-0.024
148.933	-0.024
148.956	-0.024
148.978	-0.024
149.000	-0.024
149.022	-0.024
149.044	-0.024
149.067	-0.024
149.089	-0.024
149.111	-0.024
149.133	-0.024
149.155	-0.024
149.178	-0.024
149.200	-0.024
149.222	-0.024
149.244	-0.024
149.267	-0.024
149.289	-0.024
149.311	-0.024
149.333	-0.024
149.356	-0.024
149.378	-0.024
149.400	-0.024
149.422	-0.024
149.444	-0.024
149.467	-0.024
149.489	-0.024
149.511	-0.024
149.533	-0.024
149.556	-0.024
149.578	-0.024
149.600	-0.024
149.622	-0.024
149.644	-0.024
149.667	-0.024
149.689	-0.024
149.711	-0.024
149.733	-0.024
149.756	-0.024
149.778	-0.024
149.800	-0.024
149.822	-0.025
149.845	-0.025
149.867	-0.025
149.889	-0.025
149.911	-0.025
149.933	-0.025
149.956	-0.025
149.978	-0.025

150.000	-0.025
150.022	-0.025
150.044	-0.025
150.067	-0.025
150.089	-0.025
150.111	-0.025
150.133	-0.025
150.155	-0.025
150.178	-0.025
150.200	-0.025
150.222	-0.025
150.244	-0.025
150.267	-0.025
150.289	-0.025
150.311	-0.025
150.333	-0.025
150.356	-0.025
150.378	-0.025
150.400	-0.025
150.422	-0.025
150.444	-0.025
150.467	-0.025
150.489	-0.025
150.511	-0.025
150.533	-0.025
150.556	-0.025
150.578	-0.025
150.600	-0.025
150.622	-0.025
150.644	-0.025
150.667	-0.025
150.689	-0.025
150.711	-0.025
150.733	-0.025
150.756	-0.025
150.778	-0.025
150.800	-0.025
150.822	-0.025
150.845	-0.025
150.867	-0.025
150.889	-0.025
150.911	-0.025
150.933	-0.025
150.956	-0.025
150.978	-0.025
151.000	-0.025
151.022	-0.025
151.044	-0.025
151.067	-0.025
151.089	-0.025
151.111	-0.025
151.133	-0.025
151.155	-0.025
151.178	-0.025
151.200	-0.025
151.222	-0.025
151.244	-0.025
151.267	-0.025
151.289	-0.025
151.311	-0.025
151.333	-0.025
151.356	-0.025
151.378	-0.025
151.400	-0.025
151.422	-0.025

151.444	-0.025
151.467	-0.025
151.489	-0.025
151.511	-0.025
151.533	-0.025
151.556	-0.025
151.578	-0.025
151.600	-0.025
151.622	-0.025
151.644	-0.025
151.667	-0.025
151.689	-0.025
151.711	-0.025
151.733	-0.025
151.756	-0.025
151.778	-0.025
151.800	-0.025
151.822	-0.025
151.845	-0.025
151.867	-0.025
151.889	-0.025
151.911	-0.025
151.933	-0.025
151.956	-0.025
151.978	-0.025
152.000	-0.025
152.022	-0.025
152.044	-0.025
152.067	-0.025
152.089	-0.025
152.111	-0.025
152.133	-0.025
152.155	-0.025
152.178	-0.025
152.200	-0.025
152.222	-0.025
152.244	-0.025
152.267	-0.025
152.289	-0.025
152.311	-0.026
152.333	-0.026
152.356	-0.026
152.378	-0.026
152.400	-0.026
152.422	-0.026
152.444	-0.026
152.467	-0.026
152.489	-0.026
152.511	-0.026
152.533	-0.026
152.556	-0.026
152.578	-0.026
152.600	-0.026
152.622	-0.026
152.644	-0.026
152.667	-0.026
152.689	-0.026
152.711	-0.026
152.733	-0.026
152.756	-0.026
152.778	-0.026
152.800	-0.026
152.822	-0.026
152.845	-0.026
152.867	-0.026

152.889	-0.026
152.911	-0.026
152.933	-0.026
152.956	-0.026
152.978	-0.026
153.000	-0.026
153.022	-0.026
153.044	-0.026
153.067	-0.026
153.089	-0.026
153.111	-0.026
153.133	-0.026
153.155	-0.026
153.178	-0.026
153.200	-0.026
153.222	-0.026
153.244	-0.026
153.267	-0.026
153.289	-0.026
153.311	-0.026
153.333	-0.026
153.356	-0.026
153.378	-0.026
153.400	-0.026
153.422	-0.026
153.444	-0.026
153.467	-0.026
153.489	-0.026
153.511	-0.026
153.533	-0.026
153.556	-0.026
153.578	-0.026
153.600	-0.026
153.622	-0.026
153.644	-0.026
153.667	-0.026
153.689	-0.026
153.711	-0.026
153.733	-0.026
153.756	-0.026
153.778	-0.026
153.800	-0.026
153.822	-0.026
153.845	-0.026
153.867	-0.026
153.889	-0.026
153.911	-0.026
153.933	-0.026
153.956	-0.026
153.978	-0.026
154.000	-0.026
154.022	-0.026
154.044	-0.026
154.067	-0.026
154.089	-0.026
154.111	-0.026
154.133	-0.026
154.155	-0.026
154.178	-0.026
154.200	-0.026
154.222	-0.026
154.244	-0.026
154.267	-0.026
154.289	-0.026
154.311	-0.026

154.333	-0.026
154.356	-0.026
154.378	-0.026
154.400	-0.026
154.422	-0.026
154.444	-0.026
154.467	-0.026
154.489	-0.026
154.511	-0.026
154.533	-0.026
154.556	-0.026
154.578	-0.026
154.600	-0.026
154.622	-0.026
154.644	-0.026
154.667	-0.026
154.689	-0.026
154.711	-0.026
154.733	-0.026
154.756	-0.026
154.778	-0.026
154.800	-0.026
154.822	-0.026
154.845	-0.026
154.867	-0.026
154.889	-0.026
154.911	-0.026
154.933	-0.026
154.956	-0.026
154.978	-0.026
155.000	-0.026
155.022	-0.026
155.044	-0.026
155.067	-0.026
155.089	-0.026
155.111	-0.026
155.133	-0.026
155.155	-0.026
155.178	-0.026
155.200	-0.026
155.222	-0.026
155.244	-0.026
155.267	-0.026
155.289	-0.026
155.311	-0.026
155.333	-0.026
155.356	-0.026
155.378	-0.026
155.400	-0.026
155.422	-0.026
155.444	-0.026
155.467	-0.026
155.489	-0.026
155.511	-0.026
155.533	-0.026
155.556	-0.026
155.578	-0.026
155.600	-0.026
155.622	-0.026
155.644	-0.026
155.667	-0.026
155.689	-0.026
155.711	-0.026
155.733	-0.026
155.756	-0.026

155.778	-0.026
155.800	-0.026
155.822	-0.026
155.845	-0.026
155.867	-0.026
155.889	-0.026
155.911	-0.026
155.933	-0.026
155.956	-0.026
155.978	-0.026
156.000	-0.026
156.022	-0.026
156.044	-0.026
156.067	-0.026
156.089	-0.026
156.111	-0.026
156.133	-0.026
156.155	-0.026
156.178	-0.026
156.200	-0.027
156.222	-0.027
156.244	-0.027
156.267	-0.027
156.289	-0.027
156.311	-0.027
156.333	-0.027
156.356	-0.027
156.378	-0.027
156.400	-0.027
156.422	-0.027
156.444	-0.027
156.467	-0.027
156.489	-0.027
156.511	-0.027
156.533	-0.027
156.556	-0.027
156.578	-0.027
156.600	-0.027
156.622	-0.027
156.644	-0.027
156.667	-0.027
156.689	-0.027
156.711	-0.027
156.733	-0.027
156.756	-0.027
156.778	-0.027
156.800	-0.027
156.822	-0.027
156.845	-0.027
156.867	-0.027
156.889	-0.027
156.911	-0.027
156.933	-0.027
156.956	-0.027
156.978	-0.027
157.000	-0.027
157.022	-0.027
157.044	-0.027
157.067	-0.027
157.089	-0.027
157.111	-0.027
157.133	-0.027
157.155	-0.027
157.178	-0.027
157.200	-0.027

157.222	-0.027
157.244	-0.027
157.267	-0.027
157.289	-0.027
157.311	-0.027
157.333	-0.027
157.356	-0.027
157.378	-0.027
157.400	-0.027
157.422	-0.027
157.444	-0.027
157.467	-0.027
157.489	-0.027
157.511	-0.027
157.533	-0.027
157.556	-0.027
157.578	-0.027
157.600	-0.027
157.622	-0.027
157.644	-0.027
157.667	-0.027
157.689	-0.027
157.711	-0.027
157.733	-0.027
157.756	-0.027
157.778	-0.027
157.800	-0.027
157.822	-0.027
157.845	-0.027
157.867	-0.027
157.889	-0.027
157.911	-0.027
157.933	-0.027
157.956	-0.027
157.978	-0.027
158.000	-0.027
158.022	-0.027
158.044	-0.027
158.067	-0.027
158.089	-0.027
158.111	-0.027
158.133	-0.027
158.155	-0.027
158.178	-0.027
158.200	-0.027
158.222	-0.027
158.244	-0.027
158.267	-0.027
158.289	-0.027
158.311	-0.027
158.333	-0.027
158.356	-0.027
158.378	-0.027
158.400	-0.027
158.422	-0.027
158.444	-0.027
158.467	-0.027
158.489	-0.027
158.511	-0.027
158.533	-0.027
158.556	-0.027
158.578	-0.027
158.600	-0.027
158.622	-0.027
158.644	-0.027

158.667	-0.027
158.689	-0.027
158.711	-0.027
158.733	-0.027
158.756	-0.027
158.778	-0.027
158.800	-0.027
158.822	-0.027
158.845	-0.027
158.867	-0.027
158.889	-0.027
158.911	-0.027
158.933	-0.027
158.956	-0.027
158.978	-0.027
159.000	-0.027
159.022	-0.027
159.044	-0.027
159.067	-0.027
159.089	-0.027
159.111	-0.027
159.133	-0.027
159.155	-0.027
159.178	-0.027
159.200	-0.027
159.222	-0.027
159.244	-0.027
159.267	-0.027
159.289	-0.027
159.311	-0.027
159.333	-0.027
159.356	-0.027
159.378	-0.027
159.400	-0.027
159.422	-0.027
159.444	-0.027
159.467	-0.027
159.489	-0.027
159.511	-0.027
159.533	-0.027
159.556	-0.027
159.578	-0.027
159.600	-0.027
159.622	-0.027
159.644	-0.027
159.667	-0.027
159.689	-0.027
159.711	-0.027
159.733	-0.027
159.756	-0.027
159.778	-0.027
159.800	-0.027
159.822	-0.027
159.845	-0.027
159.867	-0.027
159.889	-0.027
159.911	-0.027
159.933	-0.027
159.956	-0.027
159.978	-0.027
160.000	-0.027
160.022	-0.027
160.044	-0.027
160.067	-0.027
160.089	-0.027

160.111	-0.027
160.133	-0.027
160.155	-0.027
160.178	-0.027
160.200	-0.027
160.222	-0.027
160.244	-0.027
160.267	-0.027
160.289	-0.027
160.311	-0.027
160.333	-0.027
160.356	-0.027
160.378	-0.027
160.400	-0.027
160.422	-0.027
160.444	-0.027
160.467	-0.027
160.489	-0.027
160.511	-0.027
160.533	-0.027
160.556	-0.027
160.578	-0.027
160.600	-0.027
160.622	-0.027
160.644	-0.027
160.667	-0.027
160.689	-0.027
160.711	-0.027
160.733	-0.027
160.756	-0.027
160.778	-0.027
160.800	-0.027
160.822	-0.027
160.845	-0.027
160.867	-0.027
160.889	-0.027
160.911	-0.027
160.933	-0.027
160.956	-0.027
160.978	-0.027
161.000	-0.027
161.022	-0.027
161.044	-0.027
161.067	-0.027
161.089	-0.027
161.111	-0.027
161.133	-0.027
161.155	-0.027
161.178	-0.027
161.200	-0.027
161.222	-0.027
161.244	-0.027
161.267	-0.027
161.289	-0.027
161.311	-0.027
161.333	-0.027
161.356	-0.027
161.378	-0.027
161.400	-0.027
161.422	-0.027
161.444	-0.027
161.467	-0.027
161.489	-0.027
161.511	-0.027
161.533	-0.027

161.556	-0.027
161.578	-0.027
161.600	-0.027
161.622	-0.027
161.644	-0.027
161.667	-0.027
161.689	-0.027
161.711	-0.027
161.733	-0.027
161.756	-0.027
161.778	-0.027
161.800	-0.027
161.822	-0.027
161.845	-0.027
161.867	-0.027
161.889	-0.027
161.911	-0.027
161.933	-0.027
161.956	-0.027
161.978	-0.027
162.000	-0.027
162.022	-0.027
162.044	-0.027
162.067	-0.027
162.089	-0.027
162.111	-0.027
162.133	-0.027
162.155	-0.027
162.178	-0.027
162.200	-0.027
162.222	-0.028
162.244	-0.028
162.267	-0.028
162.289	-0.028
162.311	-0.028
162.333	-0.028
162.356	-0.028
162.378	-0.028
162.400	-0.028
162.422	-0.028
162.444	-0.028
162.467	-0.028
162.489	-0.028
162.511	-0.028
162.533	-0.028
162.556	-0.028
162.578	-0.028
162.600	-0.028
162.622	-0.028
162.644	-0.028
162.667	-0.028
162.689	-0.028
162.711	-0.028
162.733	-0.028
162.756	-0.028
162.778	-0.028
162.800	-0.028
162.822	-0.028
162.845	-0.028
162.867	-0.028
162.889	-0.028
162.911	-0.028
162.933	-0.028
162.956	-0.028
162.978	-0.028

163.000	-0.028
163.022	-0.028
163.044	-0.028
163.067	-0.028
163.089	-0.028
163.111	-0.028
163.133	-0.028
163.155	-0.028
163.178	-0.028
163.200	-0.028
163.222	-0.028
163.244	-0.028
163.267	-0.028
163.289	-0.028
163.311	-0.028
163.333	-0.028
163.356	-0.028
163.378	-0.028
163.400	-0.028
163.422	-0.028
163.444	-0.028
163.467	-0.028
163.489	-0.028
163.511	-0.028
163.533	-0.028
163.556	-0.028
163.578	-0.028
163.600	-0.028
163.622	-0.028
163.644	-0.028
163.667	-0.028
163.689	-0.028
163.711	-0.028
163.733	-0.028
163.756	-0.028
163.778	-0.028
163.800	-0.028
163.822	-0.028
163.845	-0.028
163.867	-0.028
163.889	-0.028
163.911	-0.028
163.933	-0.028
163.956	-0.028
163.978	-0.028
164.000	-0.028
164.022	-0.028
164.044	-0.028
164.067	-0.028
164.089	-0.028
164.111	-0.028
164.133	-0.028
164.155	-0.028
164.178	-0.028
164.200	-0.028
164.222	-0.028
164.244	-0.028
164.267	-0.028
164.289	-0.028
164.311	-0.028
164.333	-0.028
164.356	-0.028
164.378	-0.028
164.400	-0.028
164.422	-0.028

164.444	-0.028
164.467	-0.028
164.489	-0.028
164.511	-0.028
164.533	-0.028
164.556	-0.028
164.578	-0.028
164.600	-0.028
164.622	-0.028
164.644	-0.028
164.667	-0.028
164.689	-0.028
164.711	-0.028
164.733	-0.028
164.756	-0.028
164.778	-0.028
164.800	-0.028
164.822	-0.028
164.845	-0.028
164.867	-0.028
164.889	-0.028
164.911	-0.028
164.933	-0.028
164.956	-0.028
164.978	-0.028
165.000	-0.028
165.022	-0.028
165.044	-0.028
165.067	-0.028
165.089	-0.028
165.111	-0.028
165.133	-0.028
165.155	-0.028
165.178	-0.028
165.200	-0.028
165.222	-0.028
165.244	-0.028
165.267	-0.028
165.289	-0.028
165.311	-0.028
165.333	-0.028
165.356	-0.028
165.378	-0.028
165.400	-0.028
165.422	-0.028
165.444	-0.028
165.467	-0.028
165.489	-0.028
165.511	-0.028
165.533	-0.028
165.556	-0.028
165.578	-0.028
165.600	-0.028
165.622	-0.028
165.644	-0.028
165.667	-0.028
165.689	-0.028
165.711	-0.028
165.733	-0.028
165.756	-0.028
165.778	-0.028
165.800	-0.028
165.822	-0.028
165.845	-0.028
165.867	-0.028

165.889	-0.028
165.911	-0.028
165.933	-0.028
165.956	-0.028
165.978	-0.028
166.000	-0.028
166.022	-0.028
166.044	-0.028
166.067	-0.028
166.089	-0.028
166.111	-0.028
166.133	-0.028
166.155	-0.028
166.178	-0.028
166.200	-0.028
166.222	-0.028
166.244	-0.028
166.267	-0.028
166.289	-0.028
166.311	-0.028
166.333	-0.028
166.356	-0.028
166.378	-0.028
166.400	-0.028
166.422	-0.028
166.444	-0.028
166.467	-0.028
166.489	-0.028
166.511	-0.028
166.533	-0.028
166.556	-0.028
166.578	-0.028
166.600	-0.028
166.622	-0.028
166.644	-0.028
166.667	-0.028
166.689	-0.028
166.711	-0.028
166.733	-0.028
166.756	-0.028
166.778	-0.028
166.800	-0.028
166.822	-0.028
166.845	-0.028
166.867	-0.028
166.889	-0.028
166.911	-0.028
166.933	-0.028
166.956	-0.028
166.978	-0.028
167.000	-0.028
167.022	-0.028
167.044	-0.028
167.067	-0.028
167.089	-0.028
167.111	-0.028
167.133	-0.028
167.155	-0.028
167.178	-0.028
167.200	-0.028
167.222	-0.028
167.244	-0.028
167.267	-0.028
167.289	-0.028
167.311	-0.028

167.333	-0.028
167.356	-0.028
167.378	-0.028
167.400	-0.028
167.422	-0.028
167.444	-0.028
167.467	-0.028
167.489	-0.028
167.511	-0.028
167.533	-0.028
167.556	-0.028
167.578	-0.028
167.600	-0.028
167.622	-0.028
167.644	-0.028
167.667	-0.028
167.689	-0.028
167.711	-0.028
167.733	-0.028
167.756	-0.028
167.778	-0.028
167.800	-0.028
167.822	-0.028
167.845	-0.028
167.867	-0.028
167.889	-0.028
167.911	-0.028
167.933	-0.028
167.956	-0.028
167.978	-0.028
168.000	-0.028
168.022	-0.028
168.044	-0.028
168.067	-0.028
168.089	-0.029
168.111	-0.029
168.133	-0.029
168.155	-0.030
168.178	-0.030
168.200	-0.031
168.222	-0.031
168.244	-0.032
168.267	-0.032
168.289	-0.032
168.311	-0.033
168.333	-0.033
168.356	-0.034
168.378	-0.034
168.400	-0.035
168.422	-0.035
168.444	-0.036
168.467	-0.036
168.489	-0.036
168.511	-0.037
168.533	-0.037
168.556	-0.037
168.578	-0.038
168.600	-0.038
168.622	-0.038
168.644	-0.039
168.667	-0.039
168.689	-0.039
168.711	-0.039
168.733	-0.040
168.756	-0.040

168.778	-0.040
168.800	-0.040
168.822	-0.041
168.845	-0.041
168.867	-0.041
168.889	-0.041
168.911	-0.042
168.933	-0.042
168.956	-0.042
168.978	-0.042
169.000	-0.042
169.022	-0.042
169.044	-0.043
169.067	-0.043
169.089	-0.043
169.111	-0.043
169.133	-0.043
169.155	-0.043
169.178	-0.044
169.200	-0.044
169.222	-0.044
169.244	-0.044
169.267	-0.044
169.289	-0.044
169.311	-0.044
169.333	-0.045
169.356	-0.045
169.378	-0.045
169.400	-0.045
169.422	-0.045
169.444	-0.045
169.467	-0.045
169.489	-0.045
169.511	-0.046
169.533	-0.046
169.556	-0.046
169.578	-0.046
169.600	-0.046
169.622	-0.046
169.644	-0.046
169.667	-0.046
169.689	-0.047
169.711	-0.047
169.733	-0.047
169.756	-0.047
169.778	-0.047
169.800	-0.047
169.822	-0.047
169.845	-0.047
169.867	-0.047
169.889	-0.047
169.911	-0.048
169.933	-0.048
169.956	-0.048
169.978	-0.048
170.000	-0.048
170.022	-0.048
170.044	-0.048
170.067	-0.048
170.089	-0.048
170.111	-0.048
170.133	-0.048
170.155	-0.049
170.178	-0.049
170.200	-0.049

170.222	-0.049
170.244	-0.049
170.267	-0.049
170.289	-0.049
170.311	-0.049
170.333	-0.049
170.356	-0.049
170.378	-0.049
170.400	-0.049
170.422	-0.050
170.444	-0.050
170.467	-0.050
170.489	-0.050
170.511	-0.050
170.533	-0.050
170.556	-0.050
170.578	-0.050
170.600	-0.050
170.622	-0.050
170.644	-0.050
170.667	-0.050
170.689	-0.050
170.711	-0.050
170.733	-0.051
170.756	-0.051
170.778	-0.051
170.800	-0.051
170.822	-0.051
170.845	-0.051
170.867	-0.051
170.889	-0.051
170.911	-0.051
170.933	-0.051
170.956	-0.051
170.978	-0.051
171.000	-0.051
171.022	-0.051
171.044	-0.051
171.067	-0.051
171.089	-0.052
171.111	-0.052
171.133	-0.052
171.155	-0.052
171.178	-0.052
171.200	-0.052
171.222	-0.052
171.244	-0.052
171.267	-0.052
171.289	-0.052
171.311	-0.052
171.333	-0.052
171.356	-0.052
171.378	-0.052
171.400	-0.052
171.422	-0.052
171.444	-0.052
171.467	-0.052
171.489	-0.053
171.511	-0.053
171.533	-0.053
171.556	-0.053
171.578	-0.053
171.600	-0.053
171.622	-0.053
171.644	-0.053

171.667	-0.053
171.689	-0.053
171.711	-0.053
171.733	-0.053
171.756	-0.053
171.778	-0.053
171.800	-0.053
171.822	-0.053
171.845	-0.053
171.867	-0.053
171.889	-0.053
171.911	-0.054
171.933	-0.054
171.956	-0.054
171.978	-0.054
172.000	-0.054
172.022	-0.054
172.044	-0.054
172.067	-0.054
172.089	-0.054
172.111	-0.054
172.133	-0.054
172.155	-0.054
172.178	-0.054
172.200	-0.054
172.222	-0.054
172.244	-0.054
172.267	-0.054
172.289	-0.054
172.311	-0.054
172.333	-0.054
172.356	-0.054
172.378	-0.054
172.400	-0.054
172.422	-0.055
172.444	-0.055
172.467	-0.055
172.489	-0.055
172.511	-0.055
172.533	-0.055
172.556	-0.055
172.578	-0.055
172.600	-0.055
172.622	-0.055
172.644	-0.055
172.667	-0.055
172.689	-0.055
172.711	-0.055
172.733	-0.055
172.756	-0.055
172.778	-0.055
172.800	-0.055
172.822	-0.055
172.845	-0.055
172.867	-0.055
172.889	-0.055
172.911	-0.055
172.933	-0.055
172.956	-0.055
172.978	-0.056
173.000	-0.056
173.022	-0.056
173.044	-0.056
173.067	-0.056
173.089	-0.056

173.111	-0.056
173.133	-0.056
173.155	-0.056
173.178	-0.056
173.200	-0.056
173.222	-0.056
173.244	-0.056
173.267	-0.056
173.289	-0.056
173.311	-0.056
173.333	-0.056
173.356	-0.056
173.378	-0.056
173.400	-0.056
173.422	-0.056
173.444	-0.056
173.467	-0.056
173.489	-0.056
173.511	-0.056
173.533	-0.056
173.556	-0.056
173.578	-0.056
173.600	-0.056
173.622	-0.056
173.644	-0.057
173.667	-0.057
173.689	-0.057
173.711	-0.057
173.733	-0.057
173.756	-0.057
173.778	-0.057
173.800	-0.057
173.822	-0.057
173.845	-0.057
173.867	-0.057
173.889	-0.057
173.911	-0.057
173.933	-0.057
173.956	-0.057
173.978	-0.057
174.000	-0.057
174.022	-0.057
174.044	-0.057
174.067	-0.057
174.089	-0.057
174.111	-0.057
174.133	-0.057
174.155	-0.057
174.178	-0.057
174.200	-0.057
174.222	-0.057
174.244	-0.057
174.267	-0.057
174.289	-0.057
174.311	-0.057
174.333	-0.057
174.356	-0.057
174.378	-0.058
174.400	-0.058
174.422	-0.058
174.444	-0.058
174.467	-0.058
174.489	-0.058
174.511	-0.058
174.533	-0.058

174.556	-0.058
174.578	-0.058
174.600	-0.058
174.622	-0.058
174.644	-0.058
174.667	-0.058
174.689	-0.058
174.711	-0.058
174.733	-0.058
174.756	-0.058
174.778	-0.058
174.800	-0.058
174.822	-0.058
174.845	-0.058
174.867	-0.058
174.889	-0.058
174.911	-0.058
174.933	-0.058
174.956	-0.058
174.978	-0.058
175.000	-0.058
175.022	-0.058
175.044	-0.058
175.067	-0.058
175.089	-0.058
175.111	-0.058
175.133	-0.058
175.155	-0.058
175.178	-0.058
175.200	-0.058
175.222	-0.059
175.244	-0.059
175.267	-0.059
175.289	-0.059
175.311	-0.059
175.333	-0.059
175.356	-0.059
175.378	-0.059
175.400	-0.059
175.422	-0.059
175.444	-0.059
175.467	-0.059
175.489	-0.059
175.511	-0.059
175.533	-0.059
175.556	-0.059
175.578	-0.059
175.600	-0.059
175.622	-0.059
175.644	-0.059
175.667	-0.059
175.689	-0.059
175.711	-0.059
175.733	-0.059
175.756	-0.059
175.778	-0.059
175.800	-0.059
175.822	-0.059
175.845	-0.059
175.867	-0.059
175.889	-0.059
175.911	-0.059
175.933	-0.059
175.956	-0.059
175.978	-0.059

176.000	-0.059
176.022	-0.059
176.044	-0.060
176.067	-0.060
176.089	-0.061
176.111	-0.062
176.133	-0.063
176.155	-0.064
176.178	-0.065
176.200	-0.067
176.222	-0.068
176.244	-0.069
176.267	-0.071
176.289	-0.072
176.311	-0.073
176.333	-0.075
176.356	-0.076
176.378	-0.077
176.400	-0.078
176.422	-0.080
176.444	-0.080
176.467	-0.082
176.489	-0.083
176.511	-0.084
176.533	-0.084
176.556	-0.086
176.578	-0.087
176.600	-0.089
176.622	-0.091
176.644	-0.092
176.667	-0.094
176.689	-0.095
176.711	-0.095
176.733	-0.096
176.756	-0.097
176.778	-0.097
176.800	-0.097
176.822	-0.097
176.845	-0.097
176.867	-0.097
176.889	-0.097
176.911	-0.097
176.933	-0.097
176.956	-0.097
176.978	-0.096
177.000	-0.096
177.022	-0.096
177.044	-0.095
177.067	-0.095
177.089	-0.095
177.111	-0.094
177.133	-0.094
177.155	-0.093
177.178	-0.093
177.200	-0.092
177.222	-0.092
177.244	-0.091
177.267	-0.091
177.289	-0.090
177.311	-0.090
177.333	-0.089
177.356	-0.089
177.378	-0.088
177.400	-0.088
177.422	-0.087

177.444	-0.087
177.467	-0.086
177.489	-0.086
177.511	-0.085
177.533	-0.085
177.556	-0.084
177.578	-0.084
177.600	-0.083
177.622	-0.083
177.644	-0.082
177.667	-0.082
177.689	-0.081
177.711	-0.081
177.733	-0.080
177.756	-0.080
177.778	-0.080
177.800	-0.079
177.822	-0.079
177.845	-0.079
177.867	-0.078
177.889	-0.078
177.911	-0.077
177.933	-0.077
177.956	-0.077
177.978	-0.076
178.000	-0.076
178.022	-0.076
178.044	-0.075
178.067	-0.075
178.089	-0.075
178.111	-0.074
178.133	-0.074
178.155	-0.074
178.178	-0.074
178.200	-0.073
178.222	-0.073
178.244	-0.073
178.267	-0.072
178.289	-0.072
178.311	-0.072
178.333	-0.072
178.356	-0.071
178.378	-0.071
178.400	-0.071
178.422	-0.071
178.444	-0.070
178.467	-0.070
178.489	-0.070
178.511	-0.070
178.533	-0.069
178.556	-0.069
178.578	-0.069
178.600	-0.069
178.622	-0.069
178.644	-0.068
178.667	-0.068
178.689	-0.068
178.711	-0.068
178.733	-0.068
178.756	-0.067
178.778	-0.067
178.800	-0.067
178.822	-0.067
178.845	-0.067
178.867	-0.067

178.889	-0.066
178.911	-0.066
178.933	-0.066
178.956	-0.066
178.978	-0.066
179.000	-0.066
179.022	-0.065
179.044	-0.065
179.067	-0.065
179.089	-0.065
179.111	-0.065
179.133	-0.065
179.155	-0.064
179.178	-0.064
179.200	-0.064
179.222	-0.064
179.244	-0.064
179.267	-0.064
179.289	-0.064
179.311	-0.064
179.333	-0.063
179.356	-0.063
179.378	-0.063
179.400	-0.063
179.422	-0.063
179.444	-0.063
179.467	-0.063
179.489	-0.062
179.511	-0.062
179.533	-0.062
179.556	-0.062
179.578	-0.062
179.600	-0.062
179.622	-0.062
179.644	-0.062
179.667	-0.062
179.689	-0.061
179.711	-0.061
179.733	-0.061
179.756	-0.061
179.778	-0.061
179.800	-0.061
179.822	-0.061
179.845	-0.061
179.867	-0.061
179.889	-0.061
179.911	-0.060
179.933	-0.060
179.956	-0.060
179.978	-0.060
180.000	-0.060
180.022	-0.060
180.044	-0.060
180.067	-0.060
180.089	-0.060
180.111	-0.060
180.133	-0.059
180.155	-0.059
180.178	-0.059
180.200	-0.059
180.222	-0.059
180.244	-0.059
180.267	-0.059
180.289	-0.059
180.311	-0.059

180.333	-0.059
180.356	-0.059
180.378	-0.058
180.400	-0.058
180.422	-0.058
180.444	-0.058
180.467	-0.058
180.489	-0.058
180.511	-0.058
180.533	-0.058
180.556	-0.058
180.578	-0.058
180.600	-0.058
180.622	-0.058
180.644	-0.058
180.667	-0.057
180.689	-0.057
180.711	-0.057
180.733	-0.057
180.756	-0.057
180.778	-0.057
180.800	-0.057
180.822	-0.057
180.845	-0.057
180.867	-0.057
180.889	-0.057
180.911	-0.057
180.933	-0.057
180.956	-0.057
180.978	-0.056
181.000	-0.056
181.022	-0.056
181.044	-0.056
181.067	-0.056
181.089	-0.056
181.111	-0.056
181.133	-0.056
181.155	-0.056
181.178	-0.056
181.200	-0.056
181.222	-0.056
181.244	-0.056
181.267	-0.056
181.289	-0.056
181.311	-0.055
181.333	-0.055
181.356	-0.055
181.378	-0.055
181.400	-0.055
181.422	-0.055
181.444	-0.055
181.467	-0.055
181.489	-0.055
181.511	-0.055
181.533	-0.055
181.556	-0.055
181.578	-0.055
181.600	-0.055
181.622	-0.055
181.644	-0.055
181.667	-0.055
181.689	-0.054
181.711	-0.054
181.733	-0.054
181.756	-0.054

181.778	-0.054
181.800	-0.054
181.822	-0.054
181.845	-0.054
181.867	-0.054
181.889	-0.054
181.911	-0.054
181.933	-0.054
181.956	-0.054
181.978	-0.054
182.000	-0.054
182.022	-0.054
182.044	-0.054
182.067	-0.054
182.089	-0.054
182.111	-0.053
182.133	-0.053
182.155	-0.053
182.178	-0.053
182.200	-0.053
182.222	-0.053
182.244	-0.053
182.267	-0.053
182.289	-0.053
182.311	-0.053
182.333	-0.053
182.356	-0.053
182.378	-0.053
182.400	-0.053
182.422	-0.053
182.444	-0.053
182.467	-0.053
182.489	-0.053
182.511	-0.053
182.533	-0.053
182.556	-0.052
182.578	-0.052
182.600	-0.052
182.622	-0.052
182.644	-0.052
182.667	-0.052
182.689	-0.052
182.711	-0.052
182.733	-0.052
182.756	-0.052
182.778	-0.052
182.800	-0.052
182.822	-0.052
182.845	-0.052
182.867	-0.052
182.889	-0.052
182.911	-0.052
182.933	-0.052
182.956	-0.052
182.978	-0.052
183.000	-0.052
183.022	-0.052
183.044	-0.052
183.067	-0.051
183.089	-0.051
183.111	-0.051
183.133	-0.051
183.155	-0.051
183.178	-0.051
183.200	-0.051

183.222	-0.051
183.244	-0.051
183.267	-0.051
183.289	-0.051
183.311	-0.051
183.333	-0.051
183.356	-0.051
183.378	-0.051
183.400	-0.051
183.422	-0.051
183.444	-0.051
183.467	-0.051
183.489	-0.051
183.511	-0.051
183.533	-0.051
183.556	-0.051
183.578	-0.051
183.600	-0.051
183.622	-0.050
183.644	-0.050
183.667	-0.050
183.689	-0.050
183.711	-0.050
183.733	-0.050
183.756	-0.050
183.778	-0.050
183.800	-0.050
183.822	-0.050
183.845	-0.050
183.867	-0.050
183.889	-0.050
183.911	-0.050
183.933	-0.050
183.956	-0.050
183.978	-0.050
184.000	-0.050
184.022	-0.050
184.044	-0.049
184.067	-0.048
184.089	-0.047
184.111	-0.045
184.133	-0.044
184.155	-0.042
184.178	-0.040
184.200	-0.039
184.222	-0.038
184.244	-0.037
184.267	-0.036
184.289	-0.035
184.311	-0.034
184.333	-0.033
184.356	-0.032
184.378	-0.032
184.400	-0.031
184.422	-0.031
184.444	-0.031
184.467	-0.030
184.489	-0.030
184.511	-0.030
184.533	-0.029
184.556	-0.029
184.578	-0.029
184.600	-0.029
184.622	-0.029
184.644	-0.029

184.667	-0.029
184.689	-0.029
184.711	-0.029
184.733	-0.029
184.756	-0.029
184.778	-0.029
184.800	-0.029
184.822	-0.029
184.845	-0.029
184.867	-0.029
184.889	-0.030
184.911	-0.030
184.933	-0.030
184.956	-0.030
184.978	-0.030
185.000	-0.030
185.022	-0.030
185.044	-0.031
185.067	-0.031
185.089	-0.031
185.111	-0.031
185.133	-0.031
185.155	-0.031
185.178	-0.031
185.200	-0.031
185.222	-0.031
185.244	-0.032
185.267	-0.032
185.289	-0.032
185.311	-0.032
185.333	-0.032
185.356	-0.032
185.378	-0.032
185.400	-0.032
185.422	-0.032
185.444	-0.033
185.467	-0.033
185.489	-0.033
185.511	-0.033
185.533	-0.033
185.556	-0.033
185.578	-0.033
185.600	-0.033
185.622	-0.033
185.644	-0.033
185.667	-0.033
185.689	-0.034
185.711	-0.034
185.733	-0.034
185.756	-0.034
185.778	-0.034
185.800	-0.034
185.822	-0.034
185.845	-0.034
185.867	-0.034
185.889	-0.034
185.911	-0.034
185.933	-0.034
185.956	-0.035
185.978	-0.035
186.000	-0.035
186.022	-0.035
186.044	-0.035
186.067	-0.035
186.089	-0.035

186.111	-0.035
186.133	-0.035
186.155	-0.035
186.178	-0.035
186.200	-0.035
186.222	-0.035
186.244	-0.035
186.267	-0.035
186.289	-0.035
186.311	-0.035
186.333	-0.035
186.356	-0.035
186.378	-0.036
186.400	-0.036
186.422	-0.036
186.444	-0.036
186.467	-0.036
186.489	-0.036
186.511	-0.036
186.533	-0.036
186.556	-0.036
186.578	-0.036
186.600	-0.036
186.622	-0.036
186.644	-0.036
186.667	-0.036
186.689	-0.036
186.711	-0.036
186.733	-0.036
186.756	-0.036
186.778	-0.036
186.800	-0.036
186.822	-0.036
186.845	-0.036
186.867	-0.036
186.889	-0.036
186.911	-0.036
186.933	-0.036
186.956	-0.036
186.978	-0.036
187.000	-0.036
187.022	-0.036
187.044	-0.037
187.067	-0.037
187.089	-0.037
187.111	-0.037
187.133	-0.037
187.155	-0.037
187.178	-0.037
187.200	-0.037
187.222	-0.037
187.244	-0.037
187.267	-0.037
187.289	-0.037
187.311	-0.037
187.333	-0.037
187.356	-0.037
187.378	-0.037
187.400	-0.037
187.422	-0.037
187.444	-0.037
187.467	-0.037
187.489	-0.037
187.511	-0.037
187.533	-0.037

187.556	-0.037
187.578	-0.037
187.600	-0.037
187.622	-0.037
187.644	-0.037
187.667	-0.037
187.689	-0.037
187.711	-0.037
187.733	-0.037
187.756	-0.037
187.778	-0.037
187.800	-0.037
187.822	-0.037
187.845	-0.037
187.867	-0.037
187.889	-0.037
187.911	-0.037
187.933	-0.037
187.956	-0.037
187.978	-0.037
188.000	-0.037
188.022	-0.037
188.044	-0.037
188.067	-0.037
188.089	-0.037
188.111	-0.037
188.133	-0.037
188.155	-0.037
188.178	-0.037
188.200	-0.037
188.222	-0.037
188.244	-0.037
188.267	-0.037
188.289	-0.037
188.311	-0.037
188.333	-0.037
188.356	-0.037
188.378	-0.037
188.400	-0.037
188.422	-0.037
188.444	-0.037
188.467	-0.037
188.489	-0.037
188.511	-0.037
188.533	-0.037
188.556	-0.037
188.578	-0.037
188.600	-0.037
188.622	-0.037
188.644	-0.037
188.667	-0.037
188.689	-0.037
188.711	-0.037
188.733	-0.037
188.756	-0.037
188.778	-0.037
188.800	-0.037
188.822	-0.037
188.845	-0.037
188.867	-0.037
188.889	-0.037
188.911	-0.037
188.933	-0.037
188.956	-0.037
188.978	-0.037

189.000	-0.037
189.022	-0.037
189.044	-0.037
189.067	-0.037
189.089	-0.037
189.111	-0.037
189.133	-0.037
189.155	-0.037
189.178	-0.037
189.200	-0.037
189.222	-0.037
189.244	-0.037
189.267	-0.037
189.289	-0.037
189.311	-0.037
189.333	-0.037
189.356	-0.037
189.378	-0.037
189.400	-0.037
189.422	-0.037
189.444	-0.037
189.467	-0.037
189.489	-0.037
189.511	-0.037
189.533	-0.037
189.556	-0.037
189.578	-0.037
189.600	-0.037
189.622	-0.037
189.644	-0.037
189.667	-0.037
189.689	-0.037
189.711	-0.037
189.733	-0.037
189.756	-0.037
189.778	-0.037
189.800	-0.037
189.822	-0.037
189.845	-0.037
189.867	-0.037
189.889	-0.037
189.911	-0.037
189.933	-0.037
189.956	-0.037
189.978	-0.037
190.000	-0.037
190.022	-0.037
190.044	-0.037
190.067	-0.037
190.089	-0.037
190.111	-0.037
190.133	-0.037
190.155	-0.037
190.178	-0.037
190.200	-0.037
190.222	-0.037
190.244	-0.037
190.267	-0.037
190.289	-0.037
190.311	-0.037
190.333	-0.037
190.356	-0.037
190.378	-0.037
190.400	-0.037
190.422	-0.037

190.444	-0.037
190.467	-0.037
190.489	-0.037
190.511	-0.037
190.533	-0.037
190.556	-0.037
190.578	-0.037
190.600	-0.037
190.622	-0.037
190.644	-0.037
190.667	-0.037
190.689	-0.037
190.711	-0.037
190.733	-0.037
190.756	-0.037
190.778	-0.037
190.800	-0.037
190.822	-0.037
190.845	-0.037
190.867	-0.037
190.889	-0.037
190.911	-0.037
190.933	-0.037
190.956	-0.037
190.978	-0.037
191.000	-0.037
191.022	-0.037
191.044	-0.037
191.067	-0.037
191.089	-0.037
191.111	-0.037
191.133	-0.037
191.155	-0.037
191.178	-0.037
191.200	-0.037
191.222	-0.037
191.244	-0.037
191.267	-0.037
191.289	-0.037
191.311	-0.037
191.333	-0.037
191.356	-0.037
191.378	-0.037
191.400	-0.037
191.422	-0.037
191.444	-0.037
191.467	-0.037
191.489	-0.037
191.511	-0.037
191.533	-0.037
191.556	-0.037
191.578	-0.037
191.600	-0.037
191.622	-0.037
191.644	-0.037
191.667	-0.037
191.689	-0.037
191.711	-0.037
191.733	-0.037
191.756	-0.037
191.778	-0.037
191.800	-0.037
191.822	-0.037
191.845	-0.037
191.867	-0.037

191.889	-0.037
191.911	-0.037
191.933	-0.037
191.956	-0.037
191.978	-0.037
192.000	-0.037
192.022	-0.037
192.044	-0.037
192.067	-0.037
192.089	-0.036
192.111	-0.036
192.133	-0.036
192.155	-0.036
192.178	-0.036
192.200	-0.036
192.222	-0.036
192.244	-0.036
192.267	-0.036
192.289	-0.035
192.311	-0.035
192.333	-0.035
192.356	-0.035
192.378	-0.035
192.400	-0.035
192.422	-0.035
192.444	-0.035
192.467	-0.035
192.489	-0.035
192.511	-0.035
192.533	-0.035
192.556	-0.035
192.578	-0.035
192.600	-0.034
192.622	-0.034
192.644	-0.034
192.667	-0.034
192.689	-0.034
192.711	-0.034
192.733	-0.034
192.756	-0.034
192.778	-0.034
192.800	-0.034
192.822	-0.034
192.845	-0.034
192.867	-0.034
192.889	-0.034
192.911	-0.034
192.933	-0.034
192.956	-0.034
192.978	-0.034
193.000	-0.034
193.022	-0.034
193.044	-0.034
193.067	-0.034
193.089	-0.034
193.111	-0.034
193.133	-0.034
193.155	-0.034
193.178	-0.034
193.200	-0.034
193.222	-0.034
193.244	-0.034
193.267	-0.034
193.289	-0.034
193.311	-0.034

193.333	-0.034
193.356	-0.034
193.378	-0.034
193.400	-0.034
193.422	-0.034
193.444	-0.034
193.467	-0.034
193.489	-0.034
193.511	-0.034
193.533	-0.034
193.556	-0.034
193.578	-0.034
193.600	-0.034
193.622	-0.034
193.644	-0.034
193.667	-0.034
193.689	-0.034
193.711	-0.034
193.733	-0.034
193.756	-0.034
193.778	-0.034
193.800	-0.034
193.822	-0.034
193.845	-0.034
193.867	-0.034
193.889	-0.034
193.911	-0.034
193.933	-0.034
193.956	-0.034
193.978	-0.034
194.000	-0.034
194.022	-0.034
194.044	-0.034
194.067	-0.034
194.089	-0.034
194.111	-0.034
194.133	-0.034
194.155	-0.034
194.178	-0.034
194.200	-0.034
194.222	-0.034
194.244	-0.034
194.267	-0.034
194.289	-0.034
194.311	-0.034
194.333	-0.034
194.356	-0.034
194.378	-0.034
194.400	-0.034
194.422	-0.034
194.444	-0.034
194.467	-0.034
194.489	-0.034
194.511	-0.034
194.533	-0.034
194.556	-0.034
194.578	-0.034
194.600	-0.034
194.622	-0.034
194.644	-0.034
194.667	-0.034
194.689	-0.034
194.711	-0.034
194.733	-0.034
194.756	-0.034

194.778	-0.034
194.800	-0.034
194.822	-0.034
194.845	-0.034
194.867	-0.034
194.889	-0.034
194.911	-0.034
194.933	-0.034
194.956	-0.034
194.978	-0.034
195.000	-0.034
195.022	-0.034
195.044	-0.034
195.067	-0.034
195.089	-0.034
195.111	-0.034
195.133	-0.034
195.155	-0.034
195.178	-0.034
195.200	-0.034
195.222	-0.034
195.244	-0.034
195.267	-0.034
195.289	-0.034
195.311	-0.034
195.333	-0.034
195.356	-0.034
195.378	-0.034
195.400	-0.034
195.422	-0.034
195.444	-0.034
195.467	-0.034
195.489	-0.034
195.511	-0.034
195.533	-0.034
195.556	-0.034
195.578	-0.034
195.600	-0.034
195.622	-0.034
195.644	-0.034
195.667	-0.034
195.689	-0.034
195.711	-0.034
195.733	-0.034
195.756	-0.034
195.778	-0.034
195.800	-0.034
195.822	-0.034
195.845	-0.034
195.867	-0.034
195.889	-0.034
195.911	-0.034
195.933	-0.034
195.956	-0.034
195.978	-0.034
196.000	-0.034
196.022	-0.034
196.044	-0.034
196.067	-0.034
196.089	-0.034
196.111	-0.034
196.133	-0.034
196.155	-0.034
196.178	-0.034
196.200	-0.034

196.222	-0.034
196.244	-0.034
196.267	-0.034
196.289	-0.034
196.311	-0.034
196.333	-0.034
196.356	-0.034
196.378	-0.034
196.400	-0.034
196.422	-0.034
196.444	-0.034
196.467	-0.034
196.489	-0.034
196.511	-0.034
196.533	-0.034
196.556	-0.034
196.578	-0.034
196.600	-0.034
196.622	-0.034
196.644	-0.034
196.667	-0.034
196.689	-0.034
196.711	-0.034
196.733	-0.034
196.756	-0.034
196.778	-0.034
196.800	-0.034
196.822	-0.034
196.845	-0.034
196.867	-0.034
196.889	-0.034
196.911	-0.034
196.933	-0.034
196.956	-0.034
196.978	-0.034
197.000	-0.034
197.022	-0.034
197.044	-0.034
197.067	-0.034
197.089	-0.034
197.111	-0.034
197.133	-0.034
197.155	-0.034
197.178	-0.034
197.200	-0.034
197.222	-0.034
197.244	-0.034
197.267	-0.034
197.289	-0.034
197.311	-0.034
197.333	-0.034
197.356	-0.034
197.378	-0.034
197.400	-0.034
197.422	-0.034
197.444	-0.034
197.467	-0.034
197.489	-0.034
197.511	-0.034
197.533	-0.034
197.556	-0.034
197.578	-0.034
197.600	-0.034
197.622	-0.034
197.644	-0.034

197.667	-0.034
197.689	-0.034
197.711	-0.034
197.733	-0.034
197.756	-0.034
197.778	-0.034
197.800	-0.034
197.822	-0.034
197.845	-0.034
197.867	-0.034
197.889	-0.034
197.911	-0.034
197.933	-0.034
197.956	-0.034
197.978	-0.034
198.000	-0.034
198.022	-0.034
198.044	-0.034
198.067	-0.034
198.089	-0.034
198.111	-0.034
198.133	-0.034
198.155	-0.034
198.178	-0.034
198.200	-0.034
198.222	-0.034
198.244	-0.034
198.267	-0.034
198.289	-0.034
198.311	-0.034
198.333	-0.034
198.356	-0.034
198.378	-0.034
198.400	-0.034
198.422	-0.034
198.444	-0.034
198.467	-0.034
198.489	-0.034
198.511	-0.034
198.533	-0.034
198.556	-0.034
198.578	-0.034
198.600	-0.034
198.622	-0.034
198.644	-0.034
198.667	-0.034
198.689	-0.034
198.711	-0.034
198.733	-0.034
198.756	-0.034
198.778	-0.034
198.800	-0.034
198.822	-0.034
198.845	-0.034
198.867	-0.034
198.889	-0.034
198.911	-0.034
198.933	-0.034
198.956	-0.034
198.978	-0.034
199.000	-0.034
199.022	-0.034
199.044	-0.034
199.067	-0.034
199.089	-0.034

199.111	-0.034
199.133	-0.034
199.155	-0.034
199.178	-0.034
199.200	-0.034
199.222	-0.034
199.244	-0.034
199.267	-0.034
199.289	-0.034
199.311	-0.034
199.333	-0.034
199.356	-0.034
199.378	-0.034
199.400	-0.034
199.422	-0.034
199.444	-0.034
199.467	-0.034
199.489	-0.034
199.511	-0.033
199.533	-0.033
199.556	-0.033
199.578	-0.033
199.600	-0.033
199.622	-0.033
199.644	-0.033
199.667	-0.033
199.689	-0.033
199.711	-0.033
199.733	-0.033
199.756	-0.033
199.778	-0.033
199.800	-0.033
199.822	-0.033
199.845	-0.033
199.867	-0.033
199.889	-0.033
199.911	-0.033
199.933	-0.033
199.956	-0.033
199.978	-0.033
200.000	-0.033
200.022	-0.033
200.044	-0.033
200.067	-0.033
200.089	-0.033
200.111	-0.033
200.133	-0.033
200.155	-0.033
200.178	-0.033
200.200	-0.033
200.222	-0.033
200.244	-0.033
200.267	-0.033
200.289	-0.033
200.311	-0.033
200.333	-0.033
200.356	-0.033
200.378	-0.033
200.400	-0.033
200.422	-0.033
200.444	-0.033
200.467	-0.033
200.489	-0.033
200.511	-0.033
200.533	-0.033

200.556	-0.033
200.578	-0.033
200.600	-0.033
200.622	-0.033
200.644	-0.033
200.667	-0.033
200.689	-0.033
200.711	-0.033
200.733	-0.033
200.756	-0.033
200.778	-0.033
200.800	-0.033
200.822	-0.033
200.845	-0.033
200.867	-0.033
200.889	-0.033
200.911	-0.033
200.933	-0.033
200.956	-0.033
200.978	-0.033
201.000	-0.033
201.022	-0.033
201.044	-0.033
201.067	-0.033
201.089	-0.033
201.111	-0.033
201.133	-0.033
201.155	-0.033
201.178	-0.033
201.200	-0.033
201.222	-0.033
201.244	-0.033
201.267	-0.033
201.289	-0.033
201.311	-0.033
201.333	-0.033
201.356	-0.033
201.378	-0.033
201.400	-0.033
201.422	-0.033
201.444	-0.033
201.467	-0.033
201.489	-0.033
201.511	-0.033
201.533	-0.033
201.556	-0.033
201.578	-0.033
201.600	-0.033
201.622	-0.033
201.644	-0.033
201.667	-0.033
201.689	-0.033
201.711	-0.033
201.733	-0.033
201.756	-0.033
201.778	-0.033
201.800	-0.033
201.822	-0.033
201.845	-0.033
201.867	-0.033
201.889	-0.033
201.911	-0.033
201.933	-0.033
201.956	-0.033
201.978	-0.033

202.000	-0.033
202.022	-0.033
202.044	-0.033
202.067	-0.033
202.089	-0.033
202.111	-0.033
202.133	-0.033
202.155	-0.033
202.178	-0.033
202.200	-0.033
202.222	-0.033
202.244	-0.033
202.267	-0.033
202.289	-0.033
202.311	-0.033
202.333	-0.033
202.356	-0.033
202.378	-0.033
202.400	-0.033
202.422	-0.033
202.444	-0.033
202.467	-0.033
202.489	-0.033
202.511	-0.033
202.533	-0.033
202.556	-0.033
202.578	-0.033
202.600	-0.033
202.622	-0.033
202.644	-0.033
202.667	-0.033
202.689	-0.033
202.711	-0.033
202.733	-0.033
202.756	-0.033
202.778	-0.033
202.800	-0.033
202.822	-0.033
202.845	-0.033
202.867	-0.033
202.889	-0.033
202.911	-0.033
202.933	-0.033
202.956	-0.033
202.978	-0.033
203.000	-0.033
203.022	-0.033
203.044	-0.033
203.067	-0.033
203.089	-0.033
203.111	-0.033
203.133	-0.033
203.155	-0.033
203.178	-0.033
203.200	-0.033
203.222	-0.033
203.244	-0.033
203.267	-0.033
203.289	-0.033
203.311	-0.033
203.333	-0.033
203.356	-0.033
203.378	-0.033
203.400	-0.033
203.422	-0.033

203.444	-0.033
203.467	-0.033
203.489	-0.033
203.511	-0.033
203.533	-0.033
203.556	-0.033
203.578	-0.033
203.600	-0.033
203.622	-0.033
203.644	-0.033
203.667	-0.033
203.689	-0.033
203.711	-0.033
203.733	-0.033
203.756	-0.033
203.778	-0.033
203.800	-0.032
203.822	-0.032
203.845	-0.032
203.867	-0.032
203.889	-0.032
203.911	-0.032
203.933	-0.032
203.956	-0.032
203.978	-0.032
204.000	-0.032
204.022	-0.032
204.044	-0.032
204.067	-0.032
204.089	-0.032
204.111	-0.032
204.133	-0.032
204.155	-0.032
204.178	-0.032
204.200	-0.032
204.222	-0.032
204.244	-0.032
204.267	-0.032
204.289	-0.032
204.311	-0.032
204.333	-0.032
204.356	-0.032
204.378	-0.032
204.400	-0.032
204.422	-0.032
204.444	-0.032
204.467	-0.032
204.489	-0.032
204.511	-0.032
204.533	-0.032
204.556	-0.032
204.578	-0.032
204.600	-0.032
204.622	-0.032
204.644	-0.032
204.667	-0.032
204.689	-0.032
204.711	-0.032
204.733	-0.032
204.756	-0.032
204.778	-0.032
204.800	-0.032
204.822	-0.032
204.845	-0.032
204.867	-0.032

204.889	-0.032
204.911	-0.032
204.933	-0.032
204.956	-0.032
204.978	-0.032
205.000	-0.032
205.022	-0.032
205.044	-0.032
205.067	-0.032
205.089	-0.032
205.111	-0.032
205.133	-0.032
205.155	-0.032
205.178	-0.032
205.200	-0.032
205.222	-0.032
205.244	-0.032
205.267	-0.032
205.289	-0.032
205.311	-0.032
205.333	-0.032
205.356	-0.032
205.378	-0.032
205.400	-0.032
205.422	-0.032
205.444	-0.032
205.467	-0.032
205.489	-0.032
205.511	-0.032
205.533	-0.032
205.556	-0.032
205.578	-0.032
205.600	-0.032
205.622	-0.032
205.644	-0.032
205.667	-0.032
205.689	-0.032
205.711	-0.032
205.733	-0.032
205.756	-0.032
205.778	-0.032
205.800	-0.032
205.822	-0.032
205.845	-0.032
205.867	-0.032
205.889	-0.032
205.911	-0.032
205.933	-0.032
205.956	-0.032
205.978	-0.032
206.000	-0.032
206.022	-0.032
206.044	-0.032
206.067	-0.032
206.089	-0.032
206.111	-0.032
206.133	-0.032
206.155	-0.032
206.178	-0.032
206.200	-0.032
206.222	-0.032
206.244	-0.032
206.267	-0.032
206.289	-0.032
206.311	-0.032

206.333	-0.032
206.356	-0.032
206.378	-0.032
206.400	-0.032
206.422	-0.032
206.444	-0.032
206.467	-0.032
206.489	-0.032
206.511	-0.032
206.533	-0.032
206.556	-0.032
206.578	-0.032
206.600	-0.032
206.622	-0.032
206.644	-0.032
206.667	-0.032
206.689	-0.032
206.711	-0.032
206.733	-0.032
206.756	-0.032
206.778	-0.032
206.800	-0.032
206.822	-0.032
206.845	-0.032
206.867	-0.032
206.889	-0.032
206.911	-0.032
206.933	-0.032
206.956	-0.032
206.978	-0.032
207.000	-0.032
207.022	-0.032
207.044	-0.032
207.067	-0.032
207.089	-0.032
207.111	-0.032
207.133	-0.032
207.155	-0.032
207.178	-0.032
207.200	-0.032
207.222	-0.032
207.244	-0.032
207.267	-0.032
207.289	-0.032
207.311	-0.032
207.333	-0.032
207.356	-0.032
207.378	-0.032
207.400	-0.032
207.422	-0.032
207.444	-0.032
207.467	-0.032
207.489	-0.032
207.511	-0.032
207.533	-0.032
207.556	-0.032
207.578	-0.032
207.600	-0.032
207.622	-0.032
207.644	-0.032
207.667	-0.032
207.689	-0.032
207.711	-0.032
207.733	-0.032
207.756	-0.032

207.778	-0.032
207.800	-0.032
207.822	-0.032
207.845	-0.032
207.867	-0.032
207.889	-0.032
207.911	-0.032
207.933	-0.032
207.956	-0.032
207.978	-0.032
208.000	-0.032
208.022	-0.032
208.044	-0.032
208.067	-0.032
208.089	-0.032
208.111	-0.032
208.133	-0.032
208.155	-0.032
208.178	-0.032
208.200	-0.032
208.222	-0.032
208.244	-0.032
208.267	-0.032
208.289	-0.032
208.311	-0.032
208.333	-0.032
208.356	-0.032
208.378	-0.032
208.400	-0.032
208.422	-0.032
208.444	-0.032
208.467	-0.032
208.489	-0.032
208.511	-0.032
208.533	-0.032
208.556	-0.032
208.578	-0.032
208.600	-0.032
208.622	-0.032
208.644	-0.032
208.667	-0.032
208.689	-0.032
208.711	-0.032
208.733	-0.032
208.756	-0.032
208.778	-0.032
208.800	-0.032
208.822	-0.032
208.845	-0.032
208.867	-0.032
208.889	-0.032
208.911	-0.032
208.933	-0.032
208.956	-0.032
208.978	-0.032
209.000	-0.032
209.022	-0.032
209.044	-0.032
209.067	-0.032
209.089	-0.032
209.111	-0.031
209.133	-0.031
209.155	-0.031
209.178	-0.031
209.200	-0.031

209.222	-0.031
209.244	-0.031
209.267	-0.031
209.289	-0.031
209.311	-0.031
209.333	-0.031
209.356	-0.031
209.378	-0.031
209.400	-0.031
209.422	-0.031
209.444	-0.031
209.467	-0.031
209.489	-0.031
209.511	-0.031
209.533	-0.031
209.556	-0.031
209.578	-0.031
209.600	-0.031
209.622	-0.031
209.644	-0.031
209.667	-0.031
209.689	-0.031
209.711	-0.031
209.733	-0.031
209.756	-0.031
209.778	-0.031
209.800	-0.031
209.822	-0.031
209.845	-0.031
209.867	-0.031
209.889	-0.031
209.911	-0.031
209.933	-0.031
209.956	-0.031
209.978	-0.031
210.000	-0.031
210.022	-0.031
210.044	-0.031
210.067	-0.031
210.089	-0.031
210.111	-0.031
210.133	-0.031
210.155	-0.031
210.178	-0.031
210.200	-0.031
210.222	-0.031
210.244	-0.031
210.267	-0.031
210.289	-0.031
210.311	-0.031
210.333	-0.031
210.356	-0.031
210.378	-0.031
210.400	-0.031
210.422	-0.031
210.444	-0.031
210.467	-0.031
210.489	-0.031
210.511	-0.031
210.533	-0.031
210.556	-0.031
210.578	-0.031
210.600	-0.031
210.622	-0.031
210.644	-0.031

210.667	-0.031
210.689	-0.031
210.711	-0.031
210.733	-0.031
210.756	-0.031
210.778	-0.031
210.800	-0.031
210.822	-0.031
210.845	-0.031
210.867	-0.031
210.889	-0.031
210.911	-0.031
210.933	-0.031
210.956	-0.031
210.978	-0.031
211.000	-0.031
211.022	-0.031
211.044	-0.031
211.067	-0.031
211.089	-0.031
211.111	-0.031
211.133	-0.031
211.155	-0.031
211.178	-0.031
211.200	-0.031
211.222	-0.031
211.244	-0.031
211.267	-0.031
211.289	-0.031
211.311	-0.031
211.333	-0.031
211.356	-0.031
211.378	-0.031
211.400	-0.031
211.422	-0.031
211.444	-0.031
211.467	-0.031
211.489	-0.031
211.511	-0.031
211.533	-0.031
211.556	-0.031
211.578	-0.031
211.600	-0.031
211.622	-0.031
211.644	-0.031
211.667	-0.031
211.689	-0.031
211.711	-0.031
211.733	-0.031
211.756	-0.031
211.778	-0.031
211.800	-0.031
211.822	-0.031
211.845	-0.031
211.867	-0.031
211.889	-0.031
211.911	-0.031
211.933	-0.031
211.956	-0.031
211.978	-0.031
212.000	-0.031
212.022	-0.031
212.044	-0.031
212.067	-0.031
212.089	-0.031

212.111	-0.031
212.133	-0.031
212.155	-0.031
212.178	-0.031
212.200	-0.031
212.222	-0.031
212.244	-0.031
212.267	-0.031
212.289	-0.031
212.311	-0.031
212.333	-0.031
212.356	-0.031
212.378	-0.031
212.400	-0.031
212.422	-0.031
212.444	-0.031
212.467	-0.031
212.489	-0.031
212.511	-0.031
212.533	-0.031
212.556	-0.031
212.578	-0.031
212.600	-0.031
212.622	-0.031
212.644	-0.031
212.667	-0.031
212.689	-0.031
212.711	-0.031
212.733	-0.031
212.756	-0.031
212.778	-0.031
212.800	-0.031
212.822	-0.031
212.845	-0.031
212.867	-0.031
212.889	-0.031
212.911	-0.031
212.933	-0.031
212.956	-0.031
212.978	-0.031
213.000	-0.031
213.022	-0.031
213.044	-0.031
213.067	-0.031
213.089	-0.031
213.111	-0.031
213.133	-0.031
213.155	-0.031
213.178	-0.031
213.200	-0.031
213.222	-0.031
213.244	-0.031
213.267	-0.031
213.289	-0.031
213.311	-0.031
213.333	-0.031
213.356	-0.031
213.378	-0.031
213.400	-0.031
213.422	-0.031
213.444	-0.031
213.467	-0.031
213.489	-0.031
213.511	-0.031
213.533	-0.031

213.556	-0.031
213.578	-0.031
213.600	-0.031
213.622	-0.031
213.644	-0.031
213.667	-0.031
213.689	-0.031
213.711	-0.031
213.733	-0.031
213.756	-0.031
213.778	-0.031
213.800	-0.031
213.822	-0.031
213.845	-0.031
213.867	-0.031
213.889	-0.031
213.911	-0.031
213.933	-0.031
213.956	-0.031
213.978	-0.031
214.000	-0.030
214.022	-0.030
214.044	-0.030
214.067	-0.030
214.089	-0.030
214.111	-0.030
214.133	-0.030
214.155	-0.030
214.178	-0.030
214.200	-0.030
214.222	-0.030
214.244	-0.030
214.267	-0.030
214.289	-0.030
214.311	-0.030
214.333	-0.030
214.356	-0.030
214.378	-0.030
214.400	-0.030
214.422	-0.030
214.444	-0.030
214.467	-0.030
214.489	-0.030
214.511	-0.030
214.533	-0.030
214.556	-0.030
214.578	-0.030
214.600	-0.030
214.622	-0.030
214.644	-0.030
214.667	-0.030
214.689	-0.030
214.711	-0.030
214.733	-0.030
214.756	-0.030
214.778	-0.030
214.800	-0.030
214.822	-0.030
214.845	-0.030
214.867	-0.030
214.889	-0.030
214.911	-0.030
214.933	-0.030
214.956	-0.030
214.978	-0.030

215.000	-0.030
215.022	-0.030
215.044	-0.030
215.067	-0.030
215.089	-0.030
215.111	-0.030
215.133	-0.030
215.155	-0.030
215.178	-0.030
215.200	-0.030
215.222	-0.030
215.244	-0.030
215.267	-0.030
215.289	-0.030
215.311	-0.030
215.333	-0.030
215.356	-0.030
215.378	-0.030
215.400	-0.030
215.422	-0.030
215.444	-0.030
215.467	-0.030
215.489	-0.030
215.511	-0.030
215.533	-0.030
215.556	-0.030
215.578	-0.030
215.600	-0.030
215.622	-0.030
215.644	-0.030
215.667	-0.030
215.689	-0.030
215.711	-0.030
215.733	-0.030
215.756	-0.030
215.778	-0.030
215.800	-0.030
215.822	-0.030
215.845	-0.030
215.867	-0.030
215.889	-0.030
215.911	-0.030
215.933	-0.030
215.956	-0.030
215.978	-0.030
216.000	-0.030
216.022	-0.030
216.044	-0.030
216.067	-0.030
216.089	-0.030
216.111	-0.030
216.133	-0.030
216.155	-0.030
216.178	-0.029
216.200	-0.029
216.222	-0.029
216.244	-0.029
216.267	-0.029
216.289	-0.029
216.311	-0.029
216.333	-0.029
216.356	-0.028
216.378	-0.028
216.400	-0.028
216.422	-0.028

216.444	-0.028
216.467	-0.028
216.489	-0.028
216.511	-0.028
216.533	-0.028
216.556	-0.028
216.578	-0.028
216.600	-0.028
216.622	-0.028
216.644	-0.028
216.667	-0.028
216.689	-0.028
216.711	-0.028
216.733	-0.028
216.756	-0.028
216.778	-0.027
216.800	-0.027
216.822	-0.027
216.845	-0.027
216.867	-0.027
216.889	-0.027
216.911	-0.027
216.933	-0.027
216.956	-0.027
216.978	-0.027
217.000	-0.027
217.022	-0.027
217.044	-0.027
217.067	-0.027
217.089	-0.027
217.111	-0.027
217.133	-0.027
217.155	-0.027
217.178	-0.027
217.200	-0.027
217.222	-0.027
217.244	-0.027
217.267	-0.027
217.289	-0.027
217.311	-0.027
217.333	-0.027
217.356	-0.027
217.378	-0.027
217.400	-0.027
217.422	-0.027
217.444	-0.027
217.467	-0.027
217.489	-0.027
217.511	-0.027
217.533	-0.027
217.556	-0.027
217.578	-0.027
217.600	-0.027
217.622	-0.027
217.644	-0.027
217.667	-0.027
217.689	-0.027
217.711	-0.027
217.733	-0.027
217.756	-0.027
217.778	-0.027
217.800	-0.027
217.822	-0.027
217.845	-0.027
217.867	-0.027

217.889	-0.027
217.911	-0.027
217.933	-0.027
217.956	-0.027
217.978	-0.027
218.000	-0.027
218.022	-0.027
218.044	-0.027
218.067	-0.027
218.089	-0.027
218.111	-0.027
218.133	-0.027
218.155	-0.027
218.178	-0.027
218.200	-0.027
218.222	-0.027
218.244	-0.027
218.267	-0.027
218.289	-0.027
218.311	-0.027
218.333	-0.027
218.356	-0.027
218.378	-0.027
218.400	-0.027
218.422	-0.027
218.444	-0.027
218.467	-0.027
218.489	-0.027
218.511	-0.027
218.533	-0.027
218.556	-0.027
218.578	-0.027
218.600	-0.027
218.622	-0.027
218.644	-0.027
218.667	-0.027
218.689	-0.027
218.711	-0.027
218.733	-0.027
218.756	-0.027
218.778	-0.027
218.800	-0.027
218.822	-0.027
218.845	-0.027
218.867	-0.027
218.889	-0.027
218.911	-0.027
218.933	-0.027
218.956	-0.027
218.978	-0.027
219.000	-0.027
219.022	-0.027
219.044	-0.027
219.067	-0.027
219.089	-0.027
219.111	-0.027
219.133	-0.027
219.155	-0.027
219.178	-0.027
219.200	-0.027
219.222	-0.027
219.244	-0.027
219.267	-0.027
219.289	-0.027
219.311	-0.027

219.333	-0.027
219.356	-0.027
219.378	-0.027
219.400	-0.027
219.422	-0.027
219.444	-0.027
219.467	-0.027
219.489	-0.027
219.511	-0.027
219.533	-0.027
219.556	-0.027
219.578	-0.027
219.600	-0.027
219.622	-0.027
219.644	-0.027
219.667	-0.027
219.689	-0.027
219.711	-0.027
219.733	-0.027
219.756	-0.027
219.778	-0.027
219.800	-0.027
219.822	-0.027
219.845	-0.027
219.867	-0.027
219.889	-0.027
219.911	-0.027
219.933	-0.027
219.956	-0.027
219.978	-0.027
220.000	-0.027
220.022	-0.027
220.044	-0.027
220.067	-0.027
220.089	-0.027
220.111	-0.027
220.133	-0.027
220.155	-0.027
220.178	-0.027
220.200	-0.027
220.222	-0.027
220.244	-0.027
220.267	-0.027
220.289	-0.027
220.311	-0.027
220.333	-0.027
220.356	-0.027
220.378	-0.027
220.400	-0.027
220.422	-0.027
220.444	-0.027
220.467	-0.027
220.489	-0.027
220.511	-0.027
220.533	-0.027
220.556	-0.027
220.578	-0.027
220.600	-0.027
220.622	-0.027
220.644	-0.027
220.667	-0.027
220.689	-0.027
220.711	-0.027
220.733	-0.027
220.756	-0.027

220.778	-0.027
220.800	-0.027
220.822	-0.027
220.845	-0.027
220.867	-0.027
220.889	-0.027
220.911	-0.027
220.933	-0.027
220.956	-0.027
220.978	-0.027
221.000	-0.027
221.022	-0.027
221.044	-0.027
221.067	-0.027
221.089	-0.027
221.111	-0.027
221.133	-0.027
221.155	-0.027
221.178	-0.027
221.200	-0.027
221.222	-0.027
221.244	-0.027
221.267	-0.027
221.289	-0.027
221.311	-0.027
221.333	-0.027
221.356	-0.027
221.378	-0.027
221.400	-0.027
221.422	-0.027
221.444	-0.027
221.467	-0.027
221.489	-0.027
221.511	-0.027
221.533	-0.027
221.556	-0.027
221.578	-0.027
221.600	-0.027
221.622	-0.027
221.644	-0.027
221.667	-0.027
221.689	-0.027
221.711	-0.027
221.733	-0.027
221.756	-0.027
221.778	-0.027
221.800	-0.027
221.822	-0.027
221.845	-0.027
221.867	-0.027
221.889	-0.027
221.911	-0.027
221.933	-0.027
221.956	-0.027
221.978	-0.027
222.000	-0.027
222.022	-0.027
222.044	-0.027
222.067	-0.027
222.089	-0.027
222.111	-0.027
222.133	-0.027
222.155	-0.027
222.178	-0.027
222.200	-0.027

222.222	-0.027
222.244	-0.027
222.267	-0.027
222.289	-0.027
222.311	-0.027
222.333	-0.027
222.356	-0.027
222.378	-0.027
222.400	-0.027
222.422	-0.027
222.444	-0.027
222.467	-0.027
222.489	-0.027
222.511	-0.027
222.533	-0.027
222.556	-0.027
222.578	-0.027
222.600	-0.027
222.622	-0.027
222.644	-0.027
222.667	-0.027
222.689	-0.027
222.711	-0.027
222.733	-0.027
222.756	-0.027
222.778	-0.027
222.800	-0.027
222.822	-0.027
222.845	-0.027
222.867	-0.027
222.889	-0.027
222.911	-0.027
222.933	-0.027
222.956	-0.027
222.978	-0.027
223.000	-0.027
223.022	-0.027
223.044	-0.027
223.067	-0.027
223.089	-0.027
223.111	-0.027
223.133	-0.027
223.155	-0.027
223.178	-0.027
223.200	-0.027
223.222	-0.027
223.244	-0.027
223.267	-0.027
223.289	-0.027
223.311	-0.027
223.333	-0.027
223.356	-0.027
223.378	-0.027
223.400	-0.027
223.422	-0.027
223.444	-0.027
223.467	-0.027
223.489	-0.027
223.511	-0.027
223.533	-0.027
223.556	-0.027
223.578	-0.027
223.600	-0.027
223.622	-0.027
223.644	-0.027

223.667	-0.027
223.689	-0.027
223.711	-0.027
223.733	-0.027
223.756	-0.027
223.778	-0.027
223.800	-0.027
223.822	-0.027
223.845	-0.027
223.867	-0.027
223.889	-0.027
223.911	-0.027
223.933	-0.027
223.956	-0.027
223.978	-0.027
224.000	-0.027
224.022	-0.027
224.044	-0.027
224.067	-0.027
224.089	-0.027
224.111	-0.027
224.133	-0.027
224.155	-0.027
224.178	-0.027
224.200	-0.027
224.222	-0.027
224.244	-0.027
224.267	-0.027
224.289	-0.027
224.311	-0.027
224.333	-0.027
224.356	-0.027
224.378	-0.027
224.400	-0.027
224.422	-0.027
224.444	-0.027
224.467	-0.027
224.489	-0.027
224.511	-0.027
224.533	-0.027
224.556	-0.027
224.578	-0.027
224.600	-0.027
224.622	-0.027
224.644	-0.027
224.667	-0.027
224.689	-0.027
224.711	-0.027
224.733	-0.027
224.756	-0.027
224.778	-0.027
224.800	-0.027
224.822	-0.027
224.845	-0.027
224.867	-0.027
224.889	-0.027
224.911	-0.027
224.933	-0.027
224.956	-0.027
224.978	-0.027
225.000	-0.027
225.022	-0.027
225.044	-0.027
225.067	-0.027
225.089	-0.027

225.111	-0.027
225.133	-0.027
225.155	-0.027
225.178	-0.027
225.200	-0.027
225.222	-0.027
225.244	-0.027
225.267	-0.027
225.289	-0.027
225.311	-0.027
225.333	-0.027
225.356	-0.027
225.378	-0.027
225.400	-0.027
225.422	-0.027
225.444	-0.027
225.467	-0.027
225.489	-0.027
225.511	-0.027
225.533	-0.027
225.556	-0.027
225.578	-0.027
225.600	-0.027
225.622	-0.027
225.644	-0.027
225.667	-0.027
225.689	-0.027
225.711	-0.027
225.733	-0.027
225.756	-0.027
225.778	-0.027
225.800	-0.027
225.822	-0.027
225.845	-0.027
225.867	-0.027
225.889	-0.027
225.911	-0.027
225.933	-0.027
225.956	-0.027
225.978	-0.027
226.000	-0.027
226.022	-0.027
226.044	-0.027
226.067	-0.027
226.089	-0.027
226.111	-0.027
226.133	-0.027
226.155	-0.027
226.178	-0.027
226.200	-0.027
226.222	-0.027
226.244	-0.027
226.267	-0.027
226.289	-0.027
226.311	-0.027
226.333	-0.027
226.356	-0.027
226.378	-0.027
226.400	-0.027
226.422	-0.027
226.444	-0.027
226.467	-0.027
226.489	-0.027
226.511	-0.027
226.533	-0.027

226.556	-0.027
226.578	-0.027
226.600	-0.027
226.622	-0.027
226.644	-0.027
226.667	-0.027
226.689	-0.027
226.711	-0.027
226.733	-0.027
226.756	-0.027
226.778	-0.027
226.800	-0.027
226.822	-0.027
226.845	-0.027
226.867	-0.027
226.889	-0.027
226.911	-0.027
226.933	-0.027
226.956	-0.027
226.978	-0.027
227.000	-0.027
227.022	-0.027
227.044	-0.027
227.067	-0.027
227.089	-0.027
227.111	-0.027
227.133	-0.027
227.155	-0.027
227.178	-0.027
227.200	-0.027
227.222	-0.027
227.244	-0.027
227.267	-0.027
227.289	-0.027
227.311	-0.027
227.333	-0.027
227.356	-0.027
227.378	-0.027
227.400	-0.027
227.422	-0.027
227.444	-0.027
227.467	-0.027
227.489	-0.027
227.511	-0.027
227.533	-0.027
227.556	-0.027
227.578	-0.027
227.600	-0.027
227.622	-0.027
227.644	-0.027
227.667	-0.027
227.689	-0.027
227.711	-0.027
227.733	-0.027
227.756	-0.027
227.778	-0.027
227.800	-0.027
227.822	-0.027
227.845	-0.027
227.867	-0.027
227.889	-0.027
227.911	-0.027
227.933	-0.027
227.956	-0.027
227.978	-0.027

228.000	-0.027
228.022	-0.027
228.044	-0.027
228.067	-0.027
228.089	-0.027
228.111	-0.027
228.133	-0.027
228.155	-0.027
228.178	-0.027
228.200	-0.027
228.222	-0.027
228.244	-0.027
228.267	-0.027
228.289	-0.027
228.311	-0.027
228.333	-0.027
228.356	-0.027
228.378	-0.027
228.400	-0.027
228.422	-0.027
228.444	-0.027
228.467	-0.027
228.489	-0.027
228.511	-0.027
228.533	-0.027
228.556	-0.027
228.578	-0.027
228.600	-0.027
228.622	-0.027
228.644	-0.027
228.667	-0.027
228.689	-0.027
228.711	-0.027
228.733	-0.027
228.756	-0.027
228.778	-0.027
228.800	-0.027
228.822	-0.027
228.845	-0.027
228.867	-0.027
228.889	-0.027
228.911	-0.027
228.933	-0.027
228.956	-0.027
228.978	-0.027
229.000	-0.027
229.022	-0.027
229.044	-0.027
229.067	-0.027
229.089	-0.027
229.111	-0.027
229.133	-0.027
229.155	-0.027
229.178	-0.027
229.200	-0.027
229.222	-0.027
229.244	-0.027
229.267	-0.027
229.289	-0.027
229.311	-0.027
229.333	-0.027
229.356	-0.027
229.378	-0.027
229.400	-0.027
229.422	-0.027

229.444	-0.027
229.467	-0.027
229.489	-0.027
229.511	-0.027
229.533	-0.027
229.556	-0.027
229.578	-0.027
229.600	-0.027
229.622	-0.027
229.644	-0.027
229.667	-0.027
229.689	-0.027
229.711	-0.027
229.733	-0.027
229.756	-0.027
229.778	-0.027
229.800	-0.027
229.822	-0.027
229.845	-0.027
229.867	-0.027
229.889	-0.027
229.911	-0.027
229.933	-0.027
229.956	-0.027
229.978	-0.027
230.000	-0.027
230.022	-0.027
230.044	-0.027
230.067	-0.027
230.089	-0.027
230.111	-0.027
230.133	-0.027
230.155	-0.027
230.178	-0.027
230.200	-0.027
230.222	-0.027
230.244	-0.027
230.267	-0.027
230.289	-0.027
230.311	-0.027
230.333	-0.027
230.356	-0.027
230.378	-0.027
230.400	-0.027
230.422	-0.027
230.444	-0.027
230.467	-0.027
230.489	-0.027
230.511	-0.027
230.533	-0.027
230.556	-0.027
230.578	-0.027
230.600	-0.027
230.622	-0.027
230.644	-0.027
230.667	-0.027
230.689	-0.027
230.711	-0.027
230.733	-0.027
230.756	-0.027
230.778	-0.027
230.800	-0.027
230.822	-0.027
230.845	-0.026
230.867	-0.026

230.889	-0.026
230.911	-0.026
230.933	-0.026
230.956	-0.026
230.978	-0.026
231.000	-0.026
231.022	-0.026
231.044	-0.026
231.067	-0.026
231.089	-0.026
231.111	-0.026
231.133	-0.026
231.155	-0.026
231.178	-0.026
231.200	-0.026
231.222	-0.026
231.244	-0.026
231.267	-0.026
231.289	-0.026
231.311	-0.026
231.333	-0.026
231.356	-0.026
231.378	-0.026
231.400	-0.026
231.422	-0.026
231.444	-0.026
231.467	-0.026
231.489	-0.026
231.511	-0.026
231.533	-0.026
231.556	-0.026
231.578	-0.026
231.600	-0.026
231.622	-0.026
231.644	-0.026
231.667	-0.026
231.689	-0.026
231.711	-0.026
231.733	-0.026
231.756	-0.026
231.778	-0.026
231.800	-0.026
231.822	-0.026
231.845	-0.026
231.867	-0.026
231.889	-0.026
231.911	-0.026
231.933	-0.026
231.956	-0.026
231.978	-0.026
232.000	-0.026
232.022	-0.026
232.044	-0.026
232.067	-0.026
232.089	-0.026
232.111	-0.026
232.133	-0.026
232.155	-0.026
232.178	-0.026
232.200	-0.026
232.222	-0.026
232.244	-0.026
232.267	-0.026
232.289	-0.026
232.311	-0.026

232.333	-0.026
232.356	-0.026
232.378	-0.026
232.400	-0.026
232.422	-0.026
232.444	-0.026
232.467	-0.026
232.489	-0.026
232.511	-0.026
232.533	-0.026
232.556	-0.026
232.578	-0.026
232.600	-0.026
232.622	-0.026
232.644	-0.026
232.667	-0.026
232.689	-0.026
232.711	-0.026
232.733	-0.026
232.756	-0.026
232.778	-0.026
232.800	-0.026
232.822	-0.026
232.845	-0.026
232.867	-0.027
232.889	-0.027
232.911	-0.027
232.933	-0.027
232.956	-0.027
232.978	-0.027
233.000	-0.027
233.022	-0.027
233.044	-0.027
233.067	-0.027
233.089	-0.027
233.111	-0.027
233.133	-0.027
233.155	-0.027
233.178	-0.027
233.200	-0.027
233.222	-0.027
233.244	-0.027
233.267	-0.027
233.289	-0.027
233.311	-0.027
233.333	-0.027
233.356	-0.027
233.378	-0.027
233.400	-0.027
233.422	-0.027
233.444	-0.027
233.467	-0.027
233.489	-0.027
233.511	-0.027
233.533	-0.027
233.556	-0.027
233.578	-0.027
233.600	-0.027
233.622	-0.027
233.644	-0.027
233.667	-0.027
233.689	-0.027
233.711	-0.027
233.733	-0.027
233.756	-0.027

233.778	-0.027
233.800	-0.027
233.822	-0.027
233.845	-0.027
233.867	-0.027
233.889	-0.027
233.911	-0.027
233.933	-0.027
233.956	-0.027
233.978	-0.027
234.000	-0.027
234.022	-0.027
234.044	-0.027
234.067	-0.027
234.089	-0.027
234.111	-0.027
234.133	-0.027
234.155	-0.027
234.178	-0.027
234.200	-0.027
234.222	-0.027
234.244	-0.027
234.267	-0.027
234.289	-0.027
234.311	-0.027
234.333	-0.027
234.356	-0.027
234.378	-0.027
234.400	-0.027
234.422	-0.027
234.444	-0.027
234.467	-0.027
234.489	-0.027
234.511	-0.027
234.533	-0.027
234.556	-0.027
234.578	-0.027
234.600	-0.027
234.622	-0.027
234.644	-0.027
234.667	-0.027
234.689	-0.027
234.711	-0.027
234.733	-0.027
234.756	-0.027
234.778	-0.027
234.800	-0.027
234.822	-0.027
234.845	-0.027
234.867	-0.027
234.889	-0.027
234.911	-0.027
234.933	-0.027
234.956	-0.026
234.978	-0.026
235.000	-0.026
235.022	-0.026
235.044	-0.026
235.067	-0.026
235.089	-0.026
235.111	-0.026
235.133	-0.026
235.155	-0.026
235.178	-0.026
235.200	-0.026

235.222	-0.026
235.244	-0.026
235.267	-0.026
235.289	-0.026
235.311	-0.026
235.333	-0.026
235.356	-0.026
235.378	-0.026
235.400	-0.026
235.422	-0.026
235.444	-0.026
235.467	-0.026
235.489	-0.026
235.511	-0.026
235.533	-0.026
235.556	-0.026
235.578	-0.026
235.600	-0.026
235.622	-0.026
235.644	-0.026
235.667	-0.026
235.689	-0.026
235.711	-0.026
235.733	-0.026
235.756	-0.026
235.778	-0.026
235.800	-0.026
235.822	-0.026
235.845	-0.026
235.867	-0.026
235.889	-0.026
235.911	-0.026
235.933	-0.026
235.956	-0.026
235.978	-0.026
236.000	-0.026
236.022	-0.026
236.044	-0.026
236.067	-0.026
236.089	-0.026
236.111	-0.026
236.133	-0.026
236.155	-0.026
236.178	-0.026
236.200	-0.026
236.222	-0.026
236.244	-0.026
236.267	-0.026
236.289	-0.026
236.311	-0.026
236.333	-0.026
236.356	-0.026
236.378	-0.026
236.400	-0.026
236.422	-0.026
236.444	-0.026
236.467	-0.026
236.489	-0.026
236.511	-0.026
236.533	-0.026
236.556	-0.026
236.578	-0.026
236.600	-0.026
236.622	-0.026
236.644	-0.026

236.667	-0.026
236.689	-0.026
236.711	-0.026
236.733	-0.026
236.756	-0.026
236.778	-0.026
236.800	-0.026
236.822	-0.026
236.845	-0.026
236.867	-0.026
236.889	-0.026
236.911	-0.026
236.933	-0.026
236.956	-0.026
236.978	-0.026
237.000	-0.026
237.022	-0.026
237.044	-0.026
237.067	-0.026
237.089	-0.026
237.111	-0.026
237.133	-0.026
237.155	-0.026
237.178	-0.026
237.200	-0.026
237.222	-0.026
237.244	-0.026
237.267	-0.026
237.289	-0.026
237.311	-0.026
237.333	-0.026
237.356	-0.026
237.378	-0.026
237.400	-0.026
237.422	-0.026
237.444	-0.026
237.467	-0.026
237.489	-0.026
237.511	-0.026
237.533	-0.026
237.556	-0.026
237.578	-0.026
237.600	-0.026
237.622	-0.026
237.644	-0.026
237.667	-0.026
237.689	-0.026
237.711	-0.026
237.733	-0.026
237.756	-0.026
237.778	-0.026
237.800	-0.026
237.822	-0.026
237.845	-0.026
237.867	-0.026
237.889	-0.026
237.911	-0.026
237.933	-0.026
237.956	-0.026
237.978	-0.026
238.000	-0.026
238.022	-0.026
238.044	-0.026
238.067	-0.026
238.089	-0.026

238.111	-0.026
238.133	-0.026
238.155	-0.026
238.178	-0.026
238.200	-0.026
238.222	-0.026
238.244	-0.026
238.267	-0.026
238.289	-0.026
238.311	-0.026
238.333	-0.026
238.356	-0.026
238.378	-0.026
238.400	-0.026
238.422	-0.026
238.444	-0.026
238.467	-0.026
238.489	-0.026
238.511	-0.026
238.533	-0.026
238.556	-0.026
238.578	-0.026
238.600	-0.026
238.622	-0.026
238.644	-0.026
238.667	-0.026
238.689	-0.026
238.711	-0.026
238.733	-0.026
238.756	-0.026
238.778	-0.026
238.800	-0.026
238.822	-0.026
238.845	-0.026
238.867	-0.026
238.889	-0.026
238.911	-0.026
238.933	-0.026
238.956	-0.026
238.978	-0.026
239.000	-0.026
239.022	-0.026
239.044	-0.026
239.067	-0.026
239.089	-0.026
239.111	-0.026
239.133	-0.026
239.155	-0.026
239.178	-0.026
239.200	-0.026
239.222	-0.026
239.244	-0.026
239.267	-0.026
239.289	-0.026
239.311	-0.026
239.333	-0.026
239.356	-0.026
239.378	-0.026
239.400	-0.026
239.422	-0.026
239.444	-0.026
239.467	-0.026
239.489	-0.026
239.511	-0.026
239.533	-0.026

239.556	-0.026
239.578	-0.026
239.600	-0.026
239.622	-0.026
239.644	-0.026
239.667	-0.026
239.689	-0.026
239.711	-0.026
239.733	-0.026
239.756	-0.026
239.778	-0.026
239.800	-0.026
239.822	-0.026
239.845	-0.026
239.867	-0.026
239.889	-0.026
239.911	-0.026
239.933	-0.026
239.956	-0.026
239.978	-0.026
240.000	-0.026
240.022	-0.026
240.044	-0.026
240.067	-0.026
240.089	-0.026
240.111	-0.026
240.133	-0.026
240.155	-0.026
240.178	-0.026
240.200	-0.026
240.222	-0.026
240.244	-0.026
240.267	-0.026
240.289	-0.025
240.311	-0.025
240.333	-0.025
240.356	-0.025
240.378	-0.025
240.400	-0.025
240.422	-0.025
240.444	-0.025
240.467	-0.025
240.489	-0.025
240.511	-0.025
240.533	-0.025
240.556	-0.025
240.578	-0.024
240.600	-0.024
240.622	-0.024
240.644	-0.024
240.667	-0.024
240.689	-0.024
240.711	-0.024
240.733	-0.024
240.756	-0.024
240.778	-0.024
240.800	-0.024
240.822	-0.024
240.845	-0.024
240.867	-0.024
240.889	-0.024
240.911	-0.024
360.911	-0.005
480.911	-0.002
600.911	-0.001

720.911	-0.000
840.911	0.000
960.911	0.000
984.911	0.000

Name: Hyd-24 Node: Node108 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000

1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	-0.000
1.533	-0.000
1.556	-0.000
1.578	-0.000
1.600	-0.000
1.622	-0.001
1.644	-0.001
1.667	-0.002
1.689	-0.003
1.711	-0.004
1.733	-0.005
1.756	-0.006
1.778	-0.007
1.800	-0.008
1.822	-0.009
1.844	-0.010
1.867	-0.012
1.889	-0.013
1.911	-0.014
1.933	-0.016
1.956	-0.017
1.978	-0.018
2.000	-0.020
2.022	-0.021
2.044	-0.023
2.067	-0.026
2.089	-0.029
2.111	-0.032
2.133	-0.035
2.156	-0.039
2.178	-0.042
2.200	-0.045
2.222	-0.048
2.244	-0.051
2.267	-0.054
2.289	-0.056
2.311	-0.059
2.333	-0.062
2.356	-0.064
2.378	-0.067
2.400	-0.070
2.422	-0.071
2.444	-0.071
2.467	-0.072
2.489	-0.072
2.511	-0.072
2.533	-0.073
2.556	-0.073
2.578	-0.074
2.600	-0.074
2.622	-0.075
2.644	-0.076

2.667	-0.076
2.689	-0.077
2.711	-0.078
2.733	-0.079
2.756	-0.079
2.778	-0.080
2.800	-0.081
2.822	-0.082
2.844	-0.083
2.867	-0.084
2.889	-0.085
2.911	-0.086
2.933	-0.087
2.956	-0.088
2.978	-0.089
3.000	-0.090
3.022	-0.091
3.044	-0.092
3.067	-0.093
3.089	-0.094
3.111	-0.095
3.133	-0.096
3.156	-0.097
3.178	-0.098
3.200	-0.099
3.222	-0.100
3.244	-0.101
3.267	-0.102
3.289	-0.103
3.311	-0.104
3.333	-0.105
3.356	-0.106
3.378	-0.107
3.400	-0.108
3.422	-0.109
3.444	-0.110
3.467	-0.111
3.489	-0.112
3.511	-0.113
3.533	-0.114
3.556	-0.115
3.578	-0.116
3.600	-0.117
3.622	-0.118
3.644	-0.119
3.667	-0.120
3.689	-0.121
3.711	-0.122
3.733	-0.123
3.756	-0.124
3.778	-0.125
3.800	-0.125
3.822	-0.126
3.844	-0.127
3.867	-0.128
3.889	-0.129
3.911	-0.130
3.933	-0.131
3.956	-0.132
3.978	-0.133
4.000	-0.133
4.022	-0.134
4.044	-0.135
4.067	-0.136
4.089	-0.137

4.111	-0.138
4.133	-0.139
4.156	-0.139
4.178	-0.140
4.200	-0.141
4.222	-0.142
4.244	-0.143
4.267	-0.144
4.289	-0.144
4.311	-0.145
4.333	-0.146
4.356	-0.147
4.378	-0.148
4.400	-0.148
4.422	-0.149
4.444	-0.150
4.467	-0.151
4.489	-0.151
4.511	-0.152
4.533	-0.153
4.556	-0.154
4.578	-0.154
4.600	-0.155
4.622	-0.156
4.644	-0.157
4.667	-0.157
4.689	-0.158
4.711	-0.159
4.733	-0.160
4.756	-0.160
4.778	-0.161
4.800	-0.162
4.822	-0.162
4.844	-0.163
4.867	-0.164
4.889	-0.164
4.911	-0.165
4.933	-0.166
4.956	-0.166
4.978	-0.167
5.000	-0.168
5.022	-0.168
5.044	-0.169
5.067	-0.170
5.089	-0.171
5.111	-0.172
5.133	-0.173
5.156	-0.174
5.178	-0.175
5.200	-0.176
5.222	-0.177
5.244	-0.179
5.267	-0.180
5.289	-0.181
5.311	-0.182
5.333	-0.184
5.356	-0.185
5.378	-0.186
5.400	-0.188
5.422	-0.189
5.444	-0.190
5.467	-0.192
5.489	-0.193
5.511	-0.194
5.533	-0.196

5.556	-0.197
5.578	-0.198
5.600	-0.199
5.622	-0.201
5.644	-0.202
5.667	-0.203
5.689	-0.204
5.711	-0.206
5.733	-0.207
5.756	-0.208
5.778	-0.209
5.800	-0.210
5.822	-0.211
5.844	-0.212
5.867	-0.214
5.889	-0.215
5.911	-0.216
5.933	-0.217
5.956	-0.218
5.978	-0.219
6.000	-0.220
6.022	-0.221
6.044	-0.222
6.067	-0.223
6.089	-0.224
6.111	-0.225
6.133	-0.226
6.156	-0.227
6.178	-0.228
6.200	-0.229
6.222	-0.230
6.244	-0.231
6.267	-0.232
6.289	-0.233
6.311	-0.234
6.333	-0.235
6.356	-0.236
6.378	-0.237
6.400	-0.237
6.422	-0.238
6.444	-0.239
6.467	-0.240
6.489	-0.241
6.511	-0.242
6.533	-0.243
6.556	-0.243
6.578	-0.244
6.600	-0.245
6.622	-0.246
6.644	-0.247
6.667	-0.248
6.689	-0.248
6.711	-0.249
6.733	-0.250
6.756	-0.251
6.778	-0.251
6.800	-0.629
6.822	-0.882
6.844	-0.721
6.867	-0.657
6.889	-0.600
6.911	-0.551
6.933	-0.509
6.956	-0.472
6.978	-0.441

7.000	-0.413
7.022	-0.389
7.044	-0.368
7.067	-0.350
7.089	-0.334
7.111	-0.320
7.133	-0.308
7.156	-0.297
7.178	-0.287
7.200	-0.279
7.222	-0.271
7.244	-0.264
7.267	-0.258
7.289	-0.252
7.311	-0.247
7.333	-0.242
7.356	-0.238
7.378	-0.234
7.400	-0.230
7.422	-0.227
7.444	-0.224
7.467	-0.221
7.489	-0.218
7.511	-0.216
7.533	-0.213
7.556	-0.211
7.578	-0.209
7.600	-0.207
7.622	-0.205
7.644	-0.204
7.667	-0.202
7.689	-0.200
7.711	-0.199
7.733	-0.197
7.756	-0.196
7.778	-0.195
7.800	-0.193
7.822	-0.192
7.844	-0.191
7.867	-0.190
7.889	-0.189
7.911	-0.188
7.933	-0.187
7.956	-0.186
7.978	-0.185
8.000	-0.185
8.022	-0.184
8.044	-0.183
8.067	-0.183
8.089	-0.183
8.111	-0.183
8.133	-0.183
8.156	-0.183
8.178	-0.183
8.200	-0.184
8.222	-0.184
8.244	-0.185
8.267	-0.185
8.289	-0.185
8.311	-0.186
8.333	-0.186
8.356	-0.187
8.378	-0.187
8.400	-0.187
8.422	-0.188

8.444	-0.188
8.467	-0.188
8.489	-0.188
8.511	-0.189
8.533	-0.189
8.556	-0.189
8.578	-0.189
8.600	-0.189
8.622	-0.190
8.644	-0.190
8.667	-0.190
8.689	-0.190
8.711	-0.190
8.733	-0.190
8.756	-0.190
8.778	-0.190
8.800	-0.190
8.822	-0.190
8.844	-0.190
8.867	-0.190
8.889	-0.190
8.911	-0.190
8.933	-0.190
8.956	-0.190
8.978	-0.190
9.000	-0.190
9.022	-0.190
9.044	-0.190
9.067	-0.190
9.089	-0.190
9.111	-0.190
9.133	-0.190
9.156	-0.190
9.178	-0.190
9.200	-0.190
9.222	-0.190
9.244	-0.190
9.267	-0.190
9.289	-0.190
9.311	-0.189
9.333	-0.189
9.356	-0.189
9.378	-0.189
9.400	-0.189
9.422	-0.189
9.444	-0.189
9.467	-0.189
9.489	-0.189
9.511	-0.189
9.533	-0.189
9.556	-0.189
9.578	-0.189
9.600	-0.189
9.622	-0.189
9.644	-0.189
9.667	-0.189
9.689	-0.189
9.711	-0.189
9.733	-0.189
9.756	-0.188
9.778	-0.188
9.800	-0.188
9.822	-0.188
9.844	-0.188
9.867	-0.188

9.889	-0.188
9.911	-0.188
9.933	-0.188
9.956	-0.188
9.978	-0.188
10.000	-0.188
10.022	-0.188
10.044	-0.188
10.067	-0.188
10.089	-0.188
10.111	-0.189
10.133	-0.189
10.156	-0.190
10.178	-0.191
10.200	-0.191
10.222	-0.192
10.244	-0.193
10.267	-0.193
10.289	-0.194
10.311	-0.194
10.333	-0.195
10.356	-0.196
10.378	-0.196
10.400	-0.197
10.422	-0.197
10.444	-0.198
10.467	-0.198
10.489	-0.199
10.511	-0.199
10.533	-0.199
10.556	-0.200
10.578	-0.200
10.600	-0.200
10.622	-0.201
10.644	-0.201
10.667	-0.201
10.689	-0.202
10.711	-0.202
10.733	-0.202
10.756	-0.203
10.778	-0.203
10.800	-0.203
10.822	-0.203
10.844	-0.204
10.867	-0.204
10.889	-0.204
10.911	-0.204
10.933	-0.204
10.956	-0.204
10.978	-0.205
11.000	-0.205
11.022	-0.206
11.044	-0.207
11.067	-0.208
11.089	-0.210
11.111	-0.211
11.133	-0.213
11.156	-0.214
11.178	-0.215
11.200	-0.216
11.222	-0.217
11.244	-0.217
11.267	-0.217
11.289	-0.217
11.311	-0.217

11.333	-0.217
11.356	-0.217
11.378	-0.216
11.400	-0.216
11.422	-0.215
11.444	-0.214
11.467	-0.213
11.489	-0.212
11.511	-0.211
11.533	-0.210
11.556	-0.209
11.578	-0.208
11.600	-0.207
11.622	-0.206
11.644	-0.205
11.667	-0.204
11.689	-0.203
11.711	-0.201
11.733	-0.200
11.756	-0.199
11.778	-0.198
11.800	-0.197
11.822	-0.195
11.844	-0.194
11.867	-0.193
11.889	-0.192
11.911	-0.191
11.933	-0.190
11.956	-0.189
11.978	-0.188
12.000	-0.186
12.022	-0.185
12.044	-0.184
12.067	-0.182
12.089	-0.180
12.111	-0.178
12.133	-0.176
12.156	-0.174
12.178	-0.172
12.200	-0.170
12.222	-0.169
12.244	-0.167
12.267	-0.166
12.289	-0.164
12.311	-0.163
12.333	-0.162
12.356	-0.161
12.378	-0.160
12.400	-0.159
12.422	-0.158
12.444	-0.157
12.467	-0.156
12.489	-0.155
12.511	-0.154
12.533	-0.153
12.556	-0.153
12.578	-0.152
12.600	-0.151
12.622	-0.151
12.644	-0.150
12.667	-0.150
12.689	-0.149
12.711	-0.149
12.733	-0.148
12.756	-0.148

12.778	-0.147
12.800	-0.147
12.822	-0.146
12.844	-0.146
12.867	-0.145
12.889	-0.145
12.911	-0.145
12.933	-0.144
12.956	-0.144
12.978	-0.143
13.000	-0.143
13.022	-0.143
13.044	-0.142
13.067	-0.142
13.089	-0.141
13.111	-0.140
13.133	-0.140
13.156	-0.139
13.178	-0.138
13.200	-0.138
13.222	-0.137
13.244	-0.136
13.267	-0.136
13.289	-0.135
13.311	-0.135
13.333	-0.135
13.356	-0.134
13.378	-0.134
13.400	-0.133
13.422	-0.133
13.444	-0.133
13.467	-0.132
13.489	-0.132
13.511	-0.131
13.533	-0.131
13.556	-0.131
13.578	-0.131
13.600	-0.130
13.622	-0.130
13.644	-0.130
13.667	-0.129
13.689	-0.129
13.711	-0.129
13.733	-0.129
13.756	-0.128
13.778	-0.128
13.800	-0.128
13.822	-0.128
13.844	-0.128
13.867	-0.127
13.889	-0.127
13.911	-0.127
13.933	-0.127
13.956	-0.126
13.978	-0.126
14.000	-0.126
14.022	-0.126
14.044	-0.126
14.067	-0.125
14.089	-0.125
14.111	-0.125
14.133	-0.125
14.156	-0.125
14.178	-0.124
14.200	-0.124

14.222	-0.124
14.244	-0.124
14.267	-0.123
14.289	-0.123
14.311	-0.123
14.333	-0.123
14.356	-0.123
14.378	-0.122
14.400	-0.122
14.422	-0.122
14.444	-0.122
14.467	-0.122
14.489	-0.121
14.511	-0.121
14.533	-0.121
14.556	-0.121
14.578	-0.121
14.600	-0.120
14.622	-0.120
14.644	-0.120
14.667	-0.120
14.689	-0.120
14.711	-0.119
14.733	-0.119
14.756	-0.119
14.778	-0.119
14.800	-0.119
14.822	-0.119
14.844	-0.118
14.867	-0.118
14.889	-0.118
14.911	-0.118
14.933	-0.118
14.956	-0.117
14.978	-0.117
15.000	-0.117
15.022	-0.117
15.044	-0.117
15.067	-0.116
15.089	-0.116
15.111	-0.115
15.133	-0.115
15.156	-0.114
15.178	-0.114
15.200	-0.113
15.222	-0.113
15.244	-0.112
15.267	-0.112
15.289	-0.111
15.311	-0.111
15.333	-0.111
15.356	-0.110
15.378	-0.110
15.400	-0.110
15.422	-0.110
15.444	-0.109
15.467	-0.109
15.489	-0.109
15.511	-0.109
15.533	-0.109
15.556	-0.108
15.578	-0.108
15.600	-0.108
15.622	-0.108
15.644	-0.108

15.667	-0.108
15.689	-0.107
15.711	-0.107
15.733	-0.107
15.756	-0.107
15.778	-0.107
15.800	-0.107
15.822	-0.107
15.844	-0.107
15.867	-0.107
15.889	-0.106
15.911	-0.106
15.933	-0.106
15.956	-0.106
15.978	-0.106
16.000	-0.106
16.022	-0.106
16.044	-0.106
16.067	-0.105
16.089	-0.105
16.111	-0.104
16.133	-0.104
16.156	-0.103
16.178	-0.103
16.200	-0.103
16.222	-0.102
16.244	-0.102
16.267	-0.102
16.289	-0.101
16.311	-0.101
16.333	-0.101
16.356	-0.100
16.378	-0.100
16.400	-0.100
16.422	-0.100
16.444	-0.100
16.467	-0.099
16.489	-0.099
16.511	-0.099
16.533	-0.099
16.556	-0.099
16.578	-0.099
16.600	-0.099
16.622	-0.098
16.644	-0.098
16.667	-0.098
16.689	-0.098
16.711	-0.098
16.733	-0.098
16.756	-0.098
16.778	-0.098
16.800	-0.098
16.822	-0.098
16.844	-0.098
16.867	-0.097
16.889	-0.097
16.911	-0.097
16.933	-0.097
16.956	-0.097
16.978	-0.097
17.000	-0.097
17.022	-0.097
17.044	-0.097
17.067	-0.097
17.089	-0.097

17.111	-0.097
17.133	-0.097
17.156	-0.097
17.178	-0.097
17.200	-0.097
17.222	-0.096
17.244	-0.096
17.267	-0.096
17.289	-0.096
17.311	-0.096
17.333	-0.096
17.356	-0.096
17.378	-0.096
17.400	-0.096
17.422	-0.096
17.444	-0.096
17.467	-0.096
17.489	-0.096
17.511	-0.095
17.533	-0.095
17.556	-0.095
17.578	-0.095
17.600	-0.095
17.622	-0.095
17.644	-0.095
17.667	-0.095
17.689	-0.095
17.711	-0.095
17.733	-0.095
17.756	-0.095
17.778	-0.095
17.800	-0.094
17.822	-0.094
17.844	-0.094
17.867	-0.094
17.889	-0.094
17.911	-0.094
17.933	-0.094
17.956	-0.094
17.978	-0.094
18.000	-0.094
18.022	-0.094
18.044	-0.094
18.067	-0.094
18.089	-0.093
18.111	-0.093
18.133	-0.093
18.156	-0.093
18.178	-0.093
18.200	-0.093
18.222	-0.093
18.244	-0.093
18.267	-0.093
18.289	-0.093
18.311	-0.093
18.333	-0.093
18.356	-0.092
18.378	-0.092
18.400	-0.092
18.422	-0.092
18.444	-0.092
18.467	-0.092
18.489	-0.092
18.511	-0.092
18.533	-0.092

18.556	-0.092
18.578	-0.092
18.600	-0.092
18.622	-0.092
18.644	-0.091
18.667	-0.091
18.689	-0.091
18.711	-0.091
18.733	-0.091
18.756	-0.091
18.778	-0.091
18.800	-0.091
18.822	-0.091
18.844	-0.091
18.867	-0.091
18.889	-0.091
18.911	-0.090
18.933	-0.090
18.956	-0.090
18.978	-0.090
19.000	-0.090
19.022	-0.090
19.044	-0.090
19.067	-0.090
19.089	-0.089
19.111	-0.089
19.133	-0.088
19.156	-0.088
19.178	-0.088
19.200	-0.087
19.222	-0.087
19.244	-0.087
19.267	-0.086
19.289	-0.086
19.311	-0.086
19.333	-0.085
19.356	-0.085
19.378	-0.085
19.400	-0.085
19.422	-0.085
19.444	-0.084
19.467	-0.084
19.489	-0.084
19.511	-0.084
19.533	-0.084
19.556	-0.084
19.578	-0.084
19.600	-0.084
19.622	-0.083
19.644	-0.083
19.667	-0.083
19.689	-0.083
19.711	-0.083
19.733	-0.083
19.756	-0.083
19.778	-0.083
19.800	-0.083
19.822	-0.083
19.844	-0.083
19.867	-0.083
19.889	-0.083
19.911	-0.083
19.933	-0.083
19.956	-0.083
19.978	-0.083

20.000	-0.083
20.022	-0.083
20.044	-0.083
20.067	-0.083
20.089	-0.083
20.111	-0.083
20.133	-0.082
20.156	-0.082
20.178	-0.082
20.200	-0.082
20.222	-0.082
20.244	-0.082
20.267	-0.082
20.289	-0.082
20.311	-0.082
20.333	-0.082
20.356	-0.082
20.378	-0.082
20.400	-0.082
20.422	-0.082
20.444	-0.082
20.467	-0.082
20.489	-0.082
20.511	-0.082
20.533	-0.082
20.556	-0.082
20.578	-0.082
20.600	-0.082
20.622	-0.082
20.644	-0.082
20.667	-0.082
20.689	-0.081
20.711	-0.081
20.733	-0.081
20.756	-0.081
20.778	-0.081
20.800	-0.081
20.822	-0.081
20.844	-0.081
20.867	-0.081
20.889	-0.081
20.911	-0.081
20.933	-0.081
20.956	-0.081
20.978	-0.081
21.000	-0.081
21.022	-0.081
21.044	-0.081
21.067	-0.080
21.089	-0.080
21.111	-0.080
21.133	-0.079
21.156	-0.079
21.178	-0.079
21.200	-0.078
21.222	-0.078
21.244	-0.078
21.267	-0.077
21.289	-0.077
21.311	-0.077
21.333	-0.077
21.356	-0.076
21.378	-0.076
21.400	-0.076
21.422	-0.076

21.444	-0.076
21.467	-0.076
21.489	-0.075
21.511	-0.075
21.533	-0.075
21.556	-0.075
21.578	-0.075
21.600	-0.075
21.622	-0.075
21.644	-0.075
21.667	-0.075
21.689	-0.075
21.711	-0.075
21.733	-0.075
21.756	-0.075
21.778	-0.074
21.800	-0.074
21.822	-0.074
21.844	-0.074
21.867	-0.074
21.889	-0.074
21.911	-0.074
21.933	-0.074
21.956	-0.074
21.978	-0.074
22.000	-0.074
22.022	-0.074
22.044	-0.074
22.067	-0.074
22.089	-0.074
22.111	-0.073
22.133	-0.073
22.156	-0.073
22.178	-0.072
22.200	-0.072
22.222	-0.072
22.244	-0.071
22.267	-0.071
22.289	-0.071
22.311	-0.071
22.333	-0.070
22.356	-0.070
22.378	-0.070
22.400	-0.070
22.422	-0.070
22.444	-0.070
22.467	-0.069
22.489	-0.069
22.511	-0.069
22.533	-0.069
22.556	-0.069
22.578	-0.069
22.600	-0.069
22.622	-0.069
22.644	-0.069
22.667	-0.069
22.689	-0.069
22.711	-0.069
22.733	-0.069
22.756	-0.068
22.778	-0.068
22.800	-0.068
22.822	-0.068
22.844	-0.068
22.867	-0.068

22.889	-0.068
22.911	-0.068
22.933	-0.068
22.956	-0.068
22.978	-0.068
23.000	-0.068
23.022	-0.068
23.044	-0.068
23.067	-0.068
23.089	-0.068
23.111	-0.068
23.133	-0.068
23.156	-0.068
23.178	-0.068
23.200	-0.068
23.222	-0.068
23.244	-0.068
23.267	-0.068
23.289	-0.068
23.311	-0.068
23.333	-0.068
23.356	-0.068
23.378	-0.068
23.400	-0.068
23.422	-0.068
23.444	-0.068
23.467	-0.068
23.489	-0.068
23.511	-0.068
23.533	-0.068
23.556	-0.068
23.578	-0.068
23.600	-0.068
23.622	-0.068
23.644	-0.068
23.667	-0.068
23.689	-0.068
23.711	-0.068
23.733	-0.068
23.756	-0.068
23.778	-0.068
23.800	-0.068
23.822	-0.068
23.844	-0.068
23.867	-0.068
23.889	-0.068
23.911	-0.068
23.933	-0.068
23.956	-0.068
23.978	-0.068
24.000	-0.068
24.022	-0.068
24.044	-0.068
24.067	-0.068
24.089	-0.068
24.111	-0.067
24.133	-0.067
24.156	-0.067
24.178	-0.066
24.200	-0.066
24.222	-0.066
24.244	-0.065
24.267	-0.065
24.289	-0.065
24.311	-0.064

24.333	-0.064
24.356	-0.064
24.378	-0.064
24.400	-0.064
24.422	-0.063
24.444	-0.063
24.467	-0.063
24.489	-0.063
24.511	-0.063
24.533	-0.063
24.556	-0.063
24.578	-0.062
24.600	-0.062
24.622	-0.062
24.644	-0.062
24.667	-0.062
24.689	-0.062
24.711	-0.062
24.733	-0.062
24.756	-0.061
24.778	-0.061
24.800	-0.061
24.822	-0.061
24.844	-0.061
24.867	-0.061
24.889	-0.061
24.911	-0.061
48.911	-0.023
72.911	-0.013
144.911	-0.002
192.911	-0.001
264.911	0.000
336.911	0.000
384.911	0.000
504.911	0.000
624.911	0.000
744.911	0.000

Name:	Area312	Area314	Area318	Area319	Area32
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-10d	100yr-10d	100yr-10d	100yr-10d	100yr-10d
Node:	Node312	Node314	Node318	POST-WET-C	WET-C
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Comp Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Rain File:	Fdot-240	Fdot-240	Fdot-240	Fdot-240	Fdot-240
Rain Amount(in):	18.000	18.000	18.000	18.000	18.000
Duration(hrs):	240.00	240.00	240.00	240.00	240.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	10.00	10.00	42.00	18.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.482	0.771	0.225	8.039	9.897
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	89.900	89.900	89.900	68.200	66.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	184.00	184.00	184.00	183.96	184.00
Flow Max(cfs):	0.300	0.479	0.140	4.677	5.724
Runoff Volume(in):	16.726	16.726	16.726	13.410	13.130
Runoff Volume(ft3):	29264.228	46810.622	13660.687	391313.679	471711.796

Name:	Area312	Area314	Area318	Area319	Area32
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr
Node:	Node312	Node314	Node318	POST-WET-C	WET-C
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Comp Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Rain File:	Fdot-1	Fdot-1	Fdot-1	Fdot-1	Fdot-1
Rain Amount(in):	4.400	4.400	4.400	4.400	4.400
Duration(hrs):	1.00	1.00	1.00	1.00	1.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	10.00	10.00	42.00	18.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.482	0.771	0.225	8.039	9.897
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	89.900	89.900	89.900	68.200	66.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	0.64	0.64	0.64	1.03	0.80
Flow Max(cfs):	3.098	4.955	1.446	11.360	22.522
Runoff Volume(in):	3.291	3.291	3.291	1.470	1.372
Runoff Volume(ft3):	5758.930	9211.898	2688.297	42886.088	49304.588

Name:	Area312	Area314	Area318	Area319	Area32
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr
Node:	Node312	Node314	Node318	POST-WET-C	WET-C
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Comp Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Rain File:	Fdot-24	Fdot-24	Fdot-24	Fdot-24	Fdot-24
Rain Amount(in):	11.040	11.040	11.040	11.040	11.040
Duration(hrs):	24.00	24.00	24.00	24.00	24.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	10.00	10.00	42.00	18.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00

Area(ac):	0.482	0.771	0.225	8.039	9.897
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	89.900	89.900	89.900	68.200	66.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	12.00	12.00	12.00	12.23	12.04
Flow Max(cfs):	0.521	0.833	0.243	6.054	7.931
Runoff Volume(in):	9.802	9.802	9.802	6.918	6.696
Runoff Volume(ft3):	17149.694	27432.394	8005.563	201885.970	240551.036

Name:	Area312	Area314	Area318	Area319	Area32
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr
Node:	Node312	Node314	Node318	POST-WET-C	WET-C
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Comp Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Rain File:	Fdot-2	Fdot-2	Fdot-2	Fdot-2	Fdot-2
Rain Amount(in):	5.000	5.000	5.000	5.000	5.000
Duration(hrs):	2.00	2.00	2.00	2.00	2.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	10.00	10.00	42.00	18.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.482	0.771	0.225	8.039	9.897
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	89.900	89.900	89.900	68.200	66.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	0.84	0.84	0.84	1.31	0.92
Flow Max(cfs):	2.382	3.810	1.112	9.627	17.393
Runoff Volume(in):	3.867	3.867	3.867	1.882	1.773
Runoff Volume(ft3):	6766.736	10823.970	3158.746	54906.878	63714.704

Name:	Area312	Area314	Area318	Area319	Area32
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-3d	100yr-3d	100yr-3d	100yr-3d	100yr-3d
Node:	Node312	Node314	Node318	POST-WET-C	WET-C
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Comp Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Rain File:	Fdot-72	Fdot-72	Fdot-72	Fdot-72	Fdot-72
Rain Amount(in):	13.800	13.800	13.800	13.800	13.800
Duration(hrs):	72.00	72.00	72.00	72.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	10.00	10.00	42.00	18.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.482	0.771	0.225	8.039	9.897
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	89.900	89.900	89.900	68.200	66.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	59.98	59.98	59.98	60.01	60.00
Flow Max(cfs):	0.330	0.527	0.154	4.973	6.082
Runoff Volume(in):	12.543	12.543	12.543	9.447	9.198
Runoff Volume(ft3):	21946.017	35104.520	10244.510	275666.205	330442.817

Name:	Area312	Area314	Area318	Area319	Area32
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr
Node:	Node312	Node314	Node318	POST-WET-C	WET-C
Type:	SCS	SCS	SCS	SCS	SCS

Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Comp Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Rain File:	Fdot-4	Fdot-4	Fdot-4	Fdot-4	Fdot-4
Rain Amount(in):	6.250	6.250	6.250	6.250	6.250
Duration(hrs):	4.00	4.00	4.00	4.00	4.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	10.00	10.00	42.00	18.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.482	0.771	0.225	8.039	9.897
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	89.900	89.900	89.900	68.200	66.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	2.02	2.02	2.02	2.80	2.56
Flow Max(cfs):	1.421	2.273	0.663	10.931	16.176
Runoff Volume(in):	5.081	5.081	5.081	2.819	2.684
Runoff Volume(ft3):	8889.266	14219.137	4149.553	82254.327	96423.757

Name:	Area312	Area314	Area318	Area319	Area32
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-7d	100yr-7d	100yr-7d	100yr-7d	100yr-7d
Node:	Node312	Node314	Node318	POST-WET-C	WET-C
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Comp Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Rain File:	Fdot-168	Fdot-168	Fdot-168	Fdot-168	Fdot-168
Rain Amount(in):	16.000	16.000	16.000	16.000	16.000
Duration(hrs):	168.00	168.00	168.00	168.00	168.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	10.00	10.00	42.00	18.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.482	0.771	0.225	8.039	9.897
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	89.900	89.900	89.900	68.200	66.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	160.00	160.00	160.00	159.97	160.00
Flow Max(cfs):	0.228	0.364	0.106	3.573	4.372
Runoff Volume(in):	14.733	14.733	14.733	11.511	11.243
Runoff Volume(ft3):	25776.916	41232.369	12032.793	335916.346	403926.625

Name:	Area312	Area314	Area318	Area319	Area32
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr
Node:	Node312	Node314	Node318	POST-WET-C	WET-C
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Comp Time Inc(min):	1.33	1.33	1.33	5.60	2.40
Rain File:	Fdot-8	Fdot-8	Fdot-8	Fdot-8	Fdot-8
Rain Amount(in):	7.500	7.500	7.500	7.500	7.500
Duration(hrs):	8.00	8.00	8.00	8.00	8.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	10.00	10.00	42.00	18.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.482	0.771	0.225	8.039	9.897
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	89.900	89.900	89.900	68.200	66.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	4.00	4.00	4.00	4.20	4.04

Flow Max(cfs):	1.466	2.345	0.684	12.001	18.998
Runoff Volume(in):	6.305	6.305	6.305	3.830	3.668
Runoff Volume(ft3):	11031.255	17645.431	5149.445	111761.525	131785.551

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
bdry-32	100yr-10d	174.000	174.000	0.0001	3	3.977	0.000
bdry-32	100yr-1hr	174.000	174.000	0.0001	3	3.568	0.000
bdry-32	100yr-24hr	174.000	174.000	0.0001	3	4.821	0.000
bdry-32	100yr-2hr	174.000	174.000	0.0001	3	4.216	0.000
bdry-32	100yr-3d	174.000	174.000	0.0001	3	4.495	0.000
bdry-32	100yr-4hr	174.000	174.000	0.0001	3	5.102	0.000
bdry-32	100yr-7d	174.000	174.000	0.0001	3	3.370	0.000
bdry-32	100yr-8hr	174.000	174.000	0.0001	3	5.309	0.000
bdry-4	100yr-10d	174.000	174.000	0.0001	3	3.864	0.000
bdry-4	100yr-1hr	174.000	174.000	0.0001	3	3.455	0.000
bdry-4	100yr-24hr	174.000	174.000	0.0001	3	4.719	0.000
bdry-4	100yr-2hr	174.000	174.000	0.0001	3	3.800	0.000
bdry-4	100yr-3d	174.000	174.000	0.0001	3	4.362	0.000
bdry-4	100yr-4hr	174.000	174.000	0.0001	3	4.767	0.000
bdry-4	100yr-7d	174.000	174.000	0.0001	3	3.263	0.000
bdry-4	100yr-8hr	174.000	174.000	0.0001	3	5.056	0.000
Node312	100yr-10d	180.276	181.160	-0.0099	5292	0.271	0.271
Node312	100yr-1hr	180.359	181.160	-0.0099	5638	2.209	0.917
Node312	100yr-24hr	180.297	181.160	-0.0075	5380	0.426	0.410
Node312	100yr-2hr	180.335	181.160	-0.0095	5538	1.366	0.706
Node312	100yr-3d	180.280	181.160	-0.0077	5310	0.298	0.298
Node312	100yr-4hr	180.344	181.160	0.0084	5576	1.110	0.783
Node312	100yr-7d	180.265	181.160	0.0054	5246	0.206	0.206
Node312	100yr-8hr	180.356	181.160	0.0099	5626	1.099	0.890
Node314	100yr-10d	179.714	180.550	0.0039	8786	0.463	0.463
Node314	100yr-1hr	179.794	180.550	0.0066	9326	3.534	1.164
Node314	100yr-24hr	179.746	180.550	0.0041	8998	0.744	0.712
Node314	100yr-2hr	179.765	180.550	0.0066	9130	2.185	0.884
Node314	100yr-3d	179.719	180.550	0.0030	8819	0.500	0.499
Node314	100yr-4hr	179.800	180.550	0.0084	9369	1.775	1.227
Node314	100yr-7d	179.698	180.550	0.0041	8676	0.348	0.348
Node314	100yr-8hr	179.820	180.550	0.0099	9502	2.001	1.433
Node318	100yr-10d	180.361	181.260	0.0040	2451	0.135	0.135
Node318	100yr-1hr	180.422	181.260	0.0066	2570	1.031	0.523
Node318	100yr-24hr	180.377	181.260	0.0040	2482	0.221	0.219
Node318	100yr-2hr	180.406	181.260	0.0066	2538	0.638	0.402
Node318	100yr-3d	180.364	181.260	0.0031	2455	0.146	0.146
Node318	100yr-4hr	180.410	181.260	0.0085	2546	0.518	0.431
Node318	100yr-7d	180.354	181.260	0.0038	2437	0.102	0.102
Node318	100yr-8hr	180.428	181.260	0.0098	2581	0.609	0.567
POST-WET-C	100yr-10d	174.814	175.450	-0.0091	90523	5.537	3.864
POST-WET-C	100yr-1hr	174.186	175.450	0.0098	59104	13.583	3.455
POST-WET-C	100yr-24hr	174.534	175.450	0.0091	76493	7.274	4.719
POST-WET-C	100yr-2hr	174.276	175.450	0.0097	63618	10.596	3.800
POST-WET-C	100yr-3d	174.428	175.450	0.0096	71199	5.916	4.362
POST-WET-C	100yr-4hr	174.549	175.450	-0.0099	77234	13.042	4.767
POST-WET-C	100yr-7d	174.538	175.450	-0.0099	76699	4.223	3.263
POST-WET-C	100yr-8hr	174.641	175.450	0.0094	81837	13.659	5.056
WET-C	100yr-10d	174.872	175.450	-0.0097	93383	5.719	3.977
WET-C	100yr-1hr	174.217	175.450	0.0098	60629	15.717	3.568
WET-C	100yr-24hr	174.565	175.450	0.0091	78054	7.920	4.821
WET-C	100yr-2hr	174.388	175.450	-0.0097	69178	17.027	4.216
WET-C	100yr-3d	174.467	175.450	0.0096	73127	6.081	4.495
WET-C	100yr-4hr	174.656	175.450	-0.0099	82621	15.961	5.102
WET-C	100yr-7d	174.584	175.450	-0.0099	79004	4.368	3.370
WET-C	100yr-8hr	174.727	175.450	0.0099	86162	18.697	5.309

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs

PONDS Version 3.3.0229
Retention Pond Recovery - Refined Method
Copyright 2008
Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	GREC - Craft Parking
Simulation Description:	Dry Retention Basin
Project Number:	
Engineer :	Claudia S. Vega
Supervising Engineer:	Claudia S. Vega
Date:	09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	171.75
Water Table Elevation, [WT] (ft datum):	178.75
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	8.50
Fillable Porosity, [n] (%):	25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	6.5
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	33812.0

Geometry Data

Equivalent Pond Length, [L] (ft):	520.0
Equivalent Pond Width, [W] (ft):	65.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
180.50	30080.0
181.00	31946.0
182.00	35678.0
182.50	37544.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	181.95
Weir coefficient:	2.861
Weir length, (ft):	2.5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 1 :: Post 100yr-24hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	4.647
Time Of Concentration (minutes)	38.0
DCIA (%)	0.0
Curve Number	77.5
Design Rainfall Depth (inches)	11.0
Design Rainfall Duration (hours)	24.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 24 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
1.000	15.000
5.000	20.000
10.000	25.000
12.000	28.000
14.000	30.000

Scenario 2 :: Post 100yr-8hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	4.647
Time Of Concentration (minutes)	38.0
DCIA (%)	0.0
Curve Number	77.5
Design Rainfall Depth (inches)	7.5
Design Rainfall Duration (hours)	8.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 8 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	4.647
Time Of Concentration (minutes)	38.0
DCIA (%)	0.0
Curve Number	77.5
Design Rainfall Depth (inches)	6.3
Design Rainfall Duration (hours)	4.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 4 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	4.647
Time Of Concentration (minutes)	38.0
DCIA (%)	0.0
Curve Number	77.5
Design Rainfall Depth (inches)	5.0
Design Rainfall Duration (hours)	2.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 2 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	4.647
Time Of Concentration (minutes)	38.0
DCIA (%)	0.0
Curve Number	77.5
Design Rainfall Depth (inches)	4.4
Design Rainfall Duration (hours)	1.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 1 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	4.647
Time Of Concentration (minutes)	38.0
DCIA (%)	0.0
Curve Number	77.5
Design Rainfall Depth (inches)	13.8
Design Rainfall Duration (hours)	72.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 72 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	4.647
Time Of Concentration (minutes)	38.0
DCIA (%)	0.0
Curve Number	77.5
Design Rainfall Depth (inches)	16.0
Design Rainfall Duration (hours)	168.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 168 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	4.647
Time Of Concentration (minutes)	38.0
DCIA (%)	0.0
Curve Number	77.5
Design Rainfall Depth (inches)	18.0
Design Rainfall Duration (hours)	240.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 240 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
8.000	25.000
10.000	30.000
14.000	
15.000	

Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft^3) 33739

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

Sort-By-Category Report

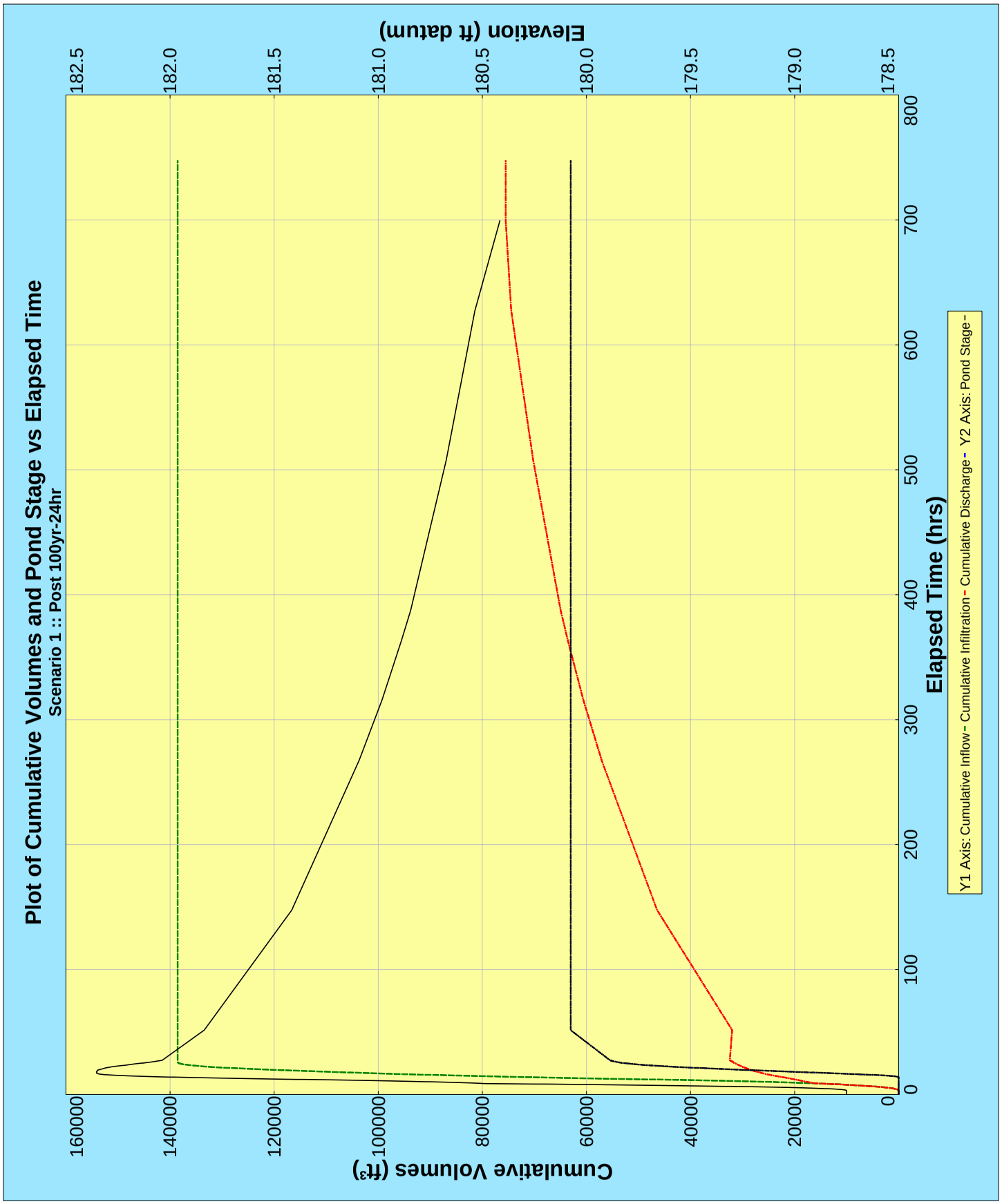
Scenarios Considered: 1 to 9

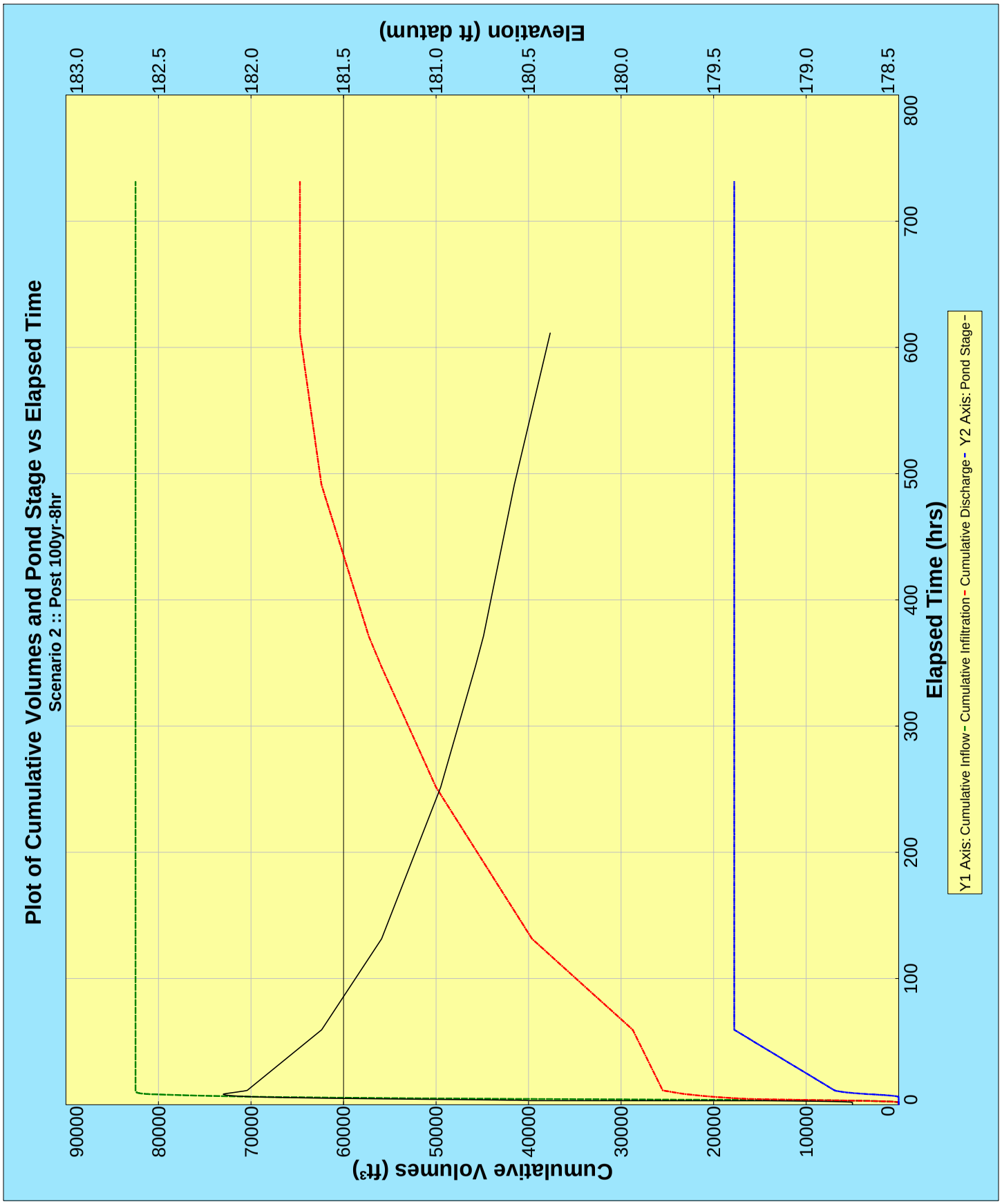
Stage - Maximum

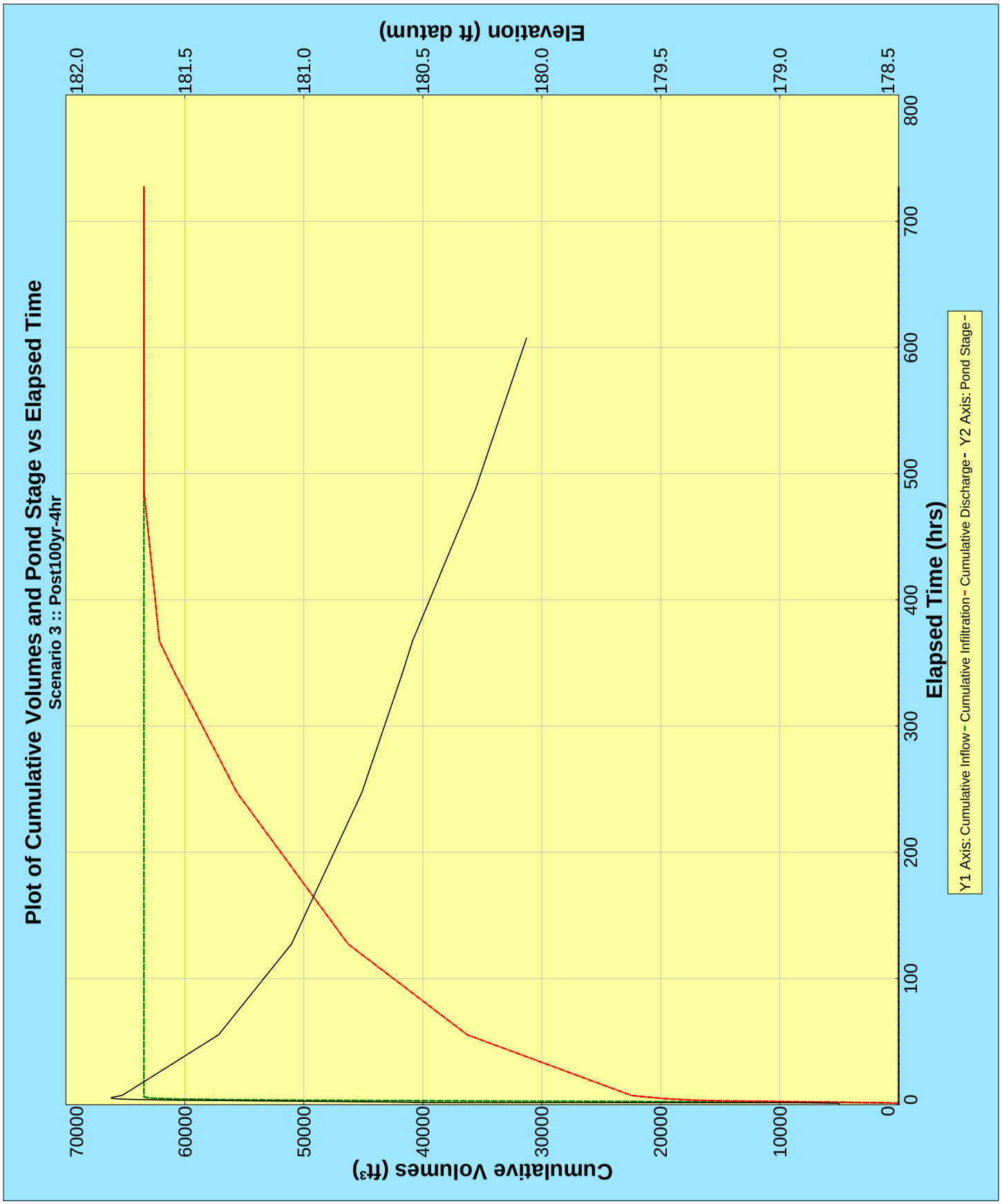
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	8	182.473	184.089	Post 100yr-10d
2	6	182.471	60.378	Post 100yr-3d
3	7	182.392	160.107	Post 100yr-7d
4	1	182.353	17.396	Post 100yr-24hr
5	2	182.150	8.276	Post 100yr-8hr
6	3	181.810	5.404	Post100yr-4hr
7	9	181.553	0.002	Treatment volume
8	4	181.322	3.716	Post100yr-2hr
9	5	181.101	1.942	Post 100yr-1hr

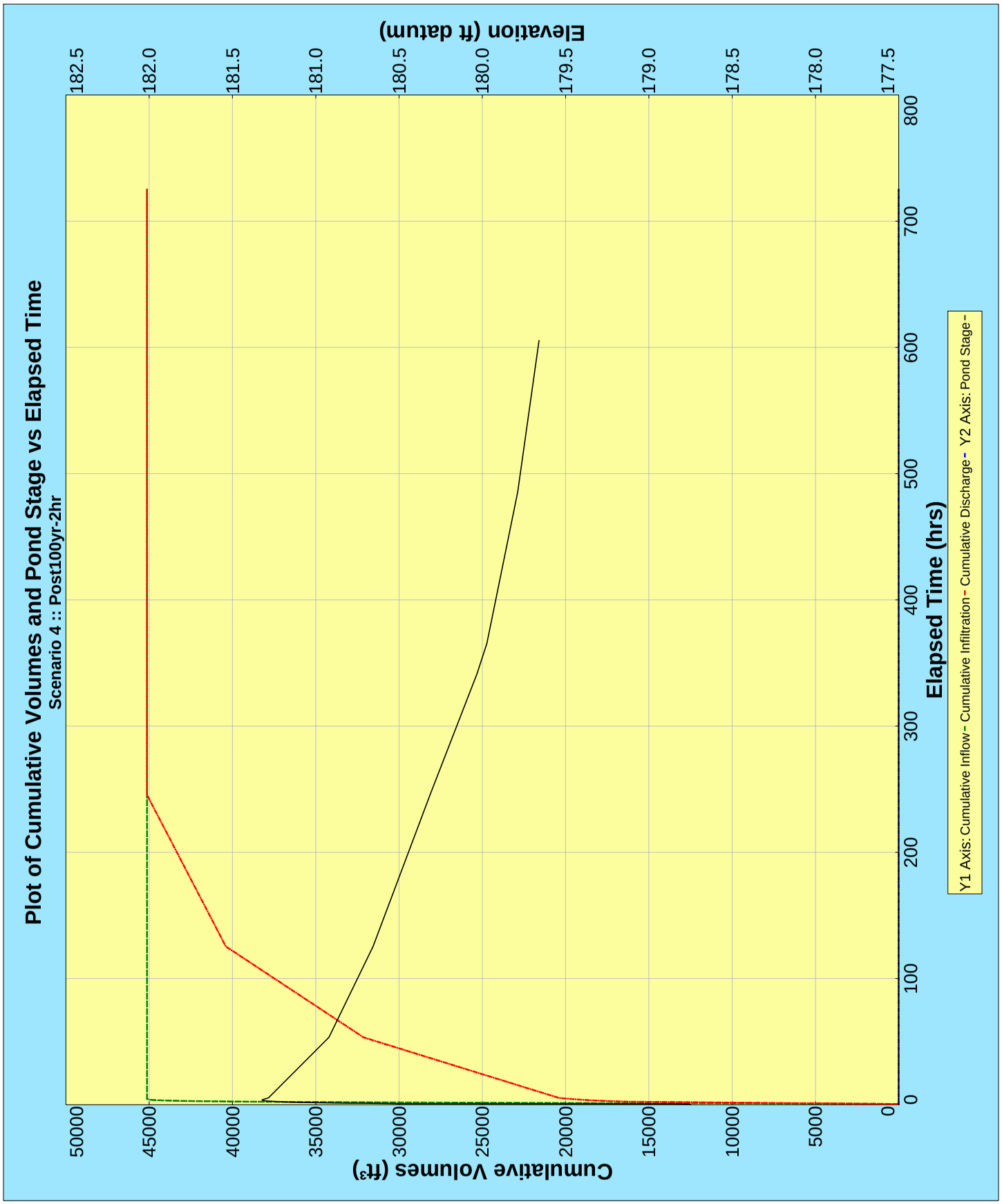
Discharge - Rate - Maximum Positive

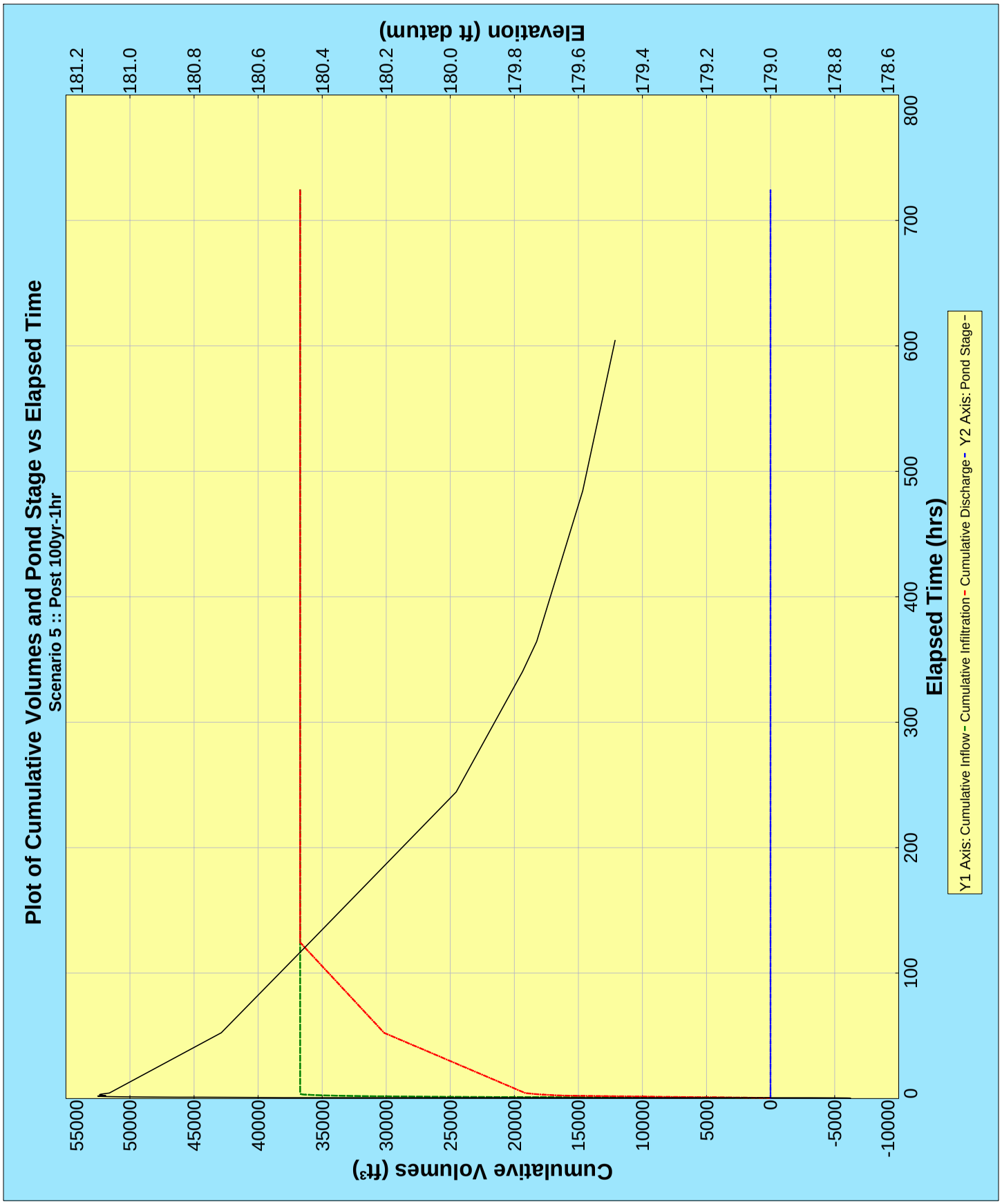
Rank	Scenario Number	Maximum Positive Discharge Rate (ft^3/s)	Time (hours)	Description
1	8	2.6832	184.089	Post 100yr-10d
2	6	2.5932	60.378	Post 100yr-3d
3	7	2.0285	160.107	Post 100yr-7d
4	1	1.7604	17.396	Post 100yr-24hr
5	2	0.6141	8.276	Post 100yr-8hr
6	3	None	N.A.	Post100yr-4hr
7	4	None	N.A.	Post100yr-2hr
8	5	None	N.A.	Post 100yr-1hr
9	9	None	N.A.	Treatment volume

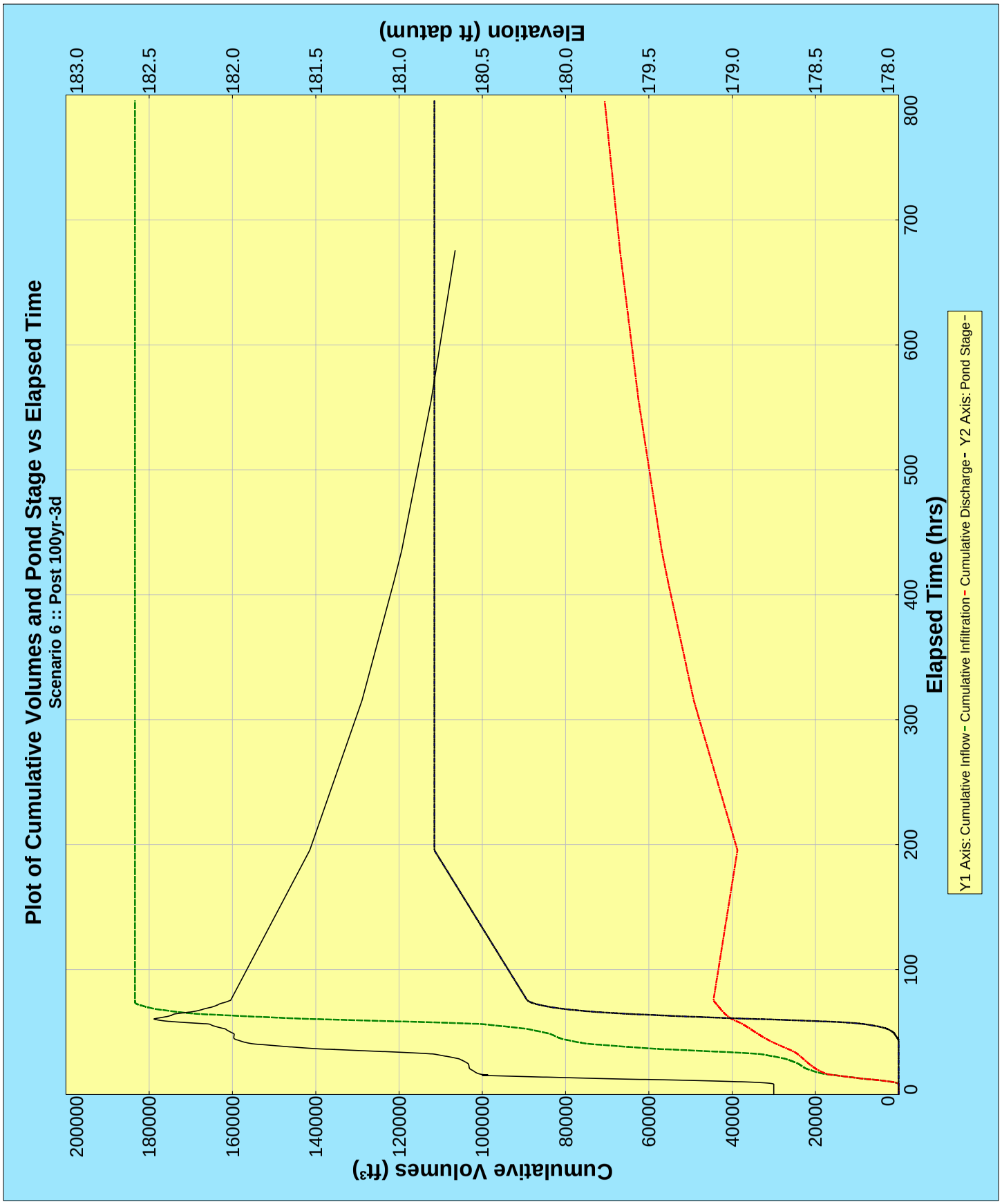

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 1 :: Post 100yr-24hr
Elevation (ft datum)
182.5
182.0
181.5
181.0
180.5
180.0
179.5
179.0
178.5
Cumulative Volumes (ft³)
160000
140000
120000
100000
80000
60000
40000
20000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

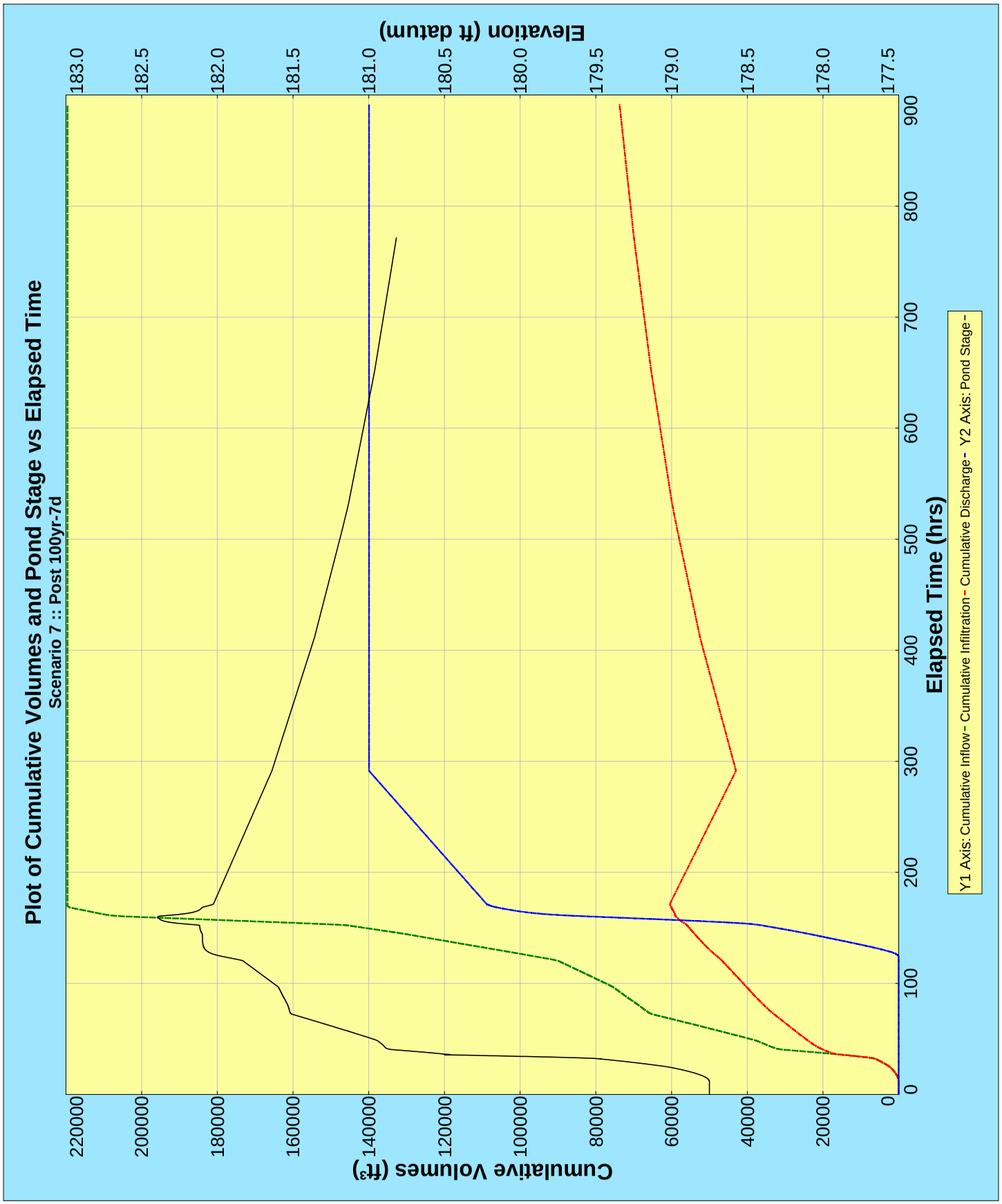

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 2 :: Post 100yr-8hr
Elapsed Time (hrs)
Cumulative Volumes (ft³)
Elevation (ft datum)
0
100
200
300
400
500
600
700
800
10000
20000
30000
40000
50000
60000
70000
80000
90000
178.5
179.0
179.5
180.0
180.5
181.0
181.5
182.0
182.5
183.0
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

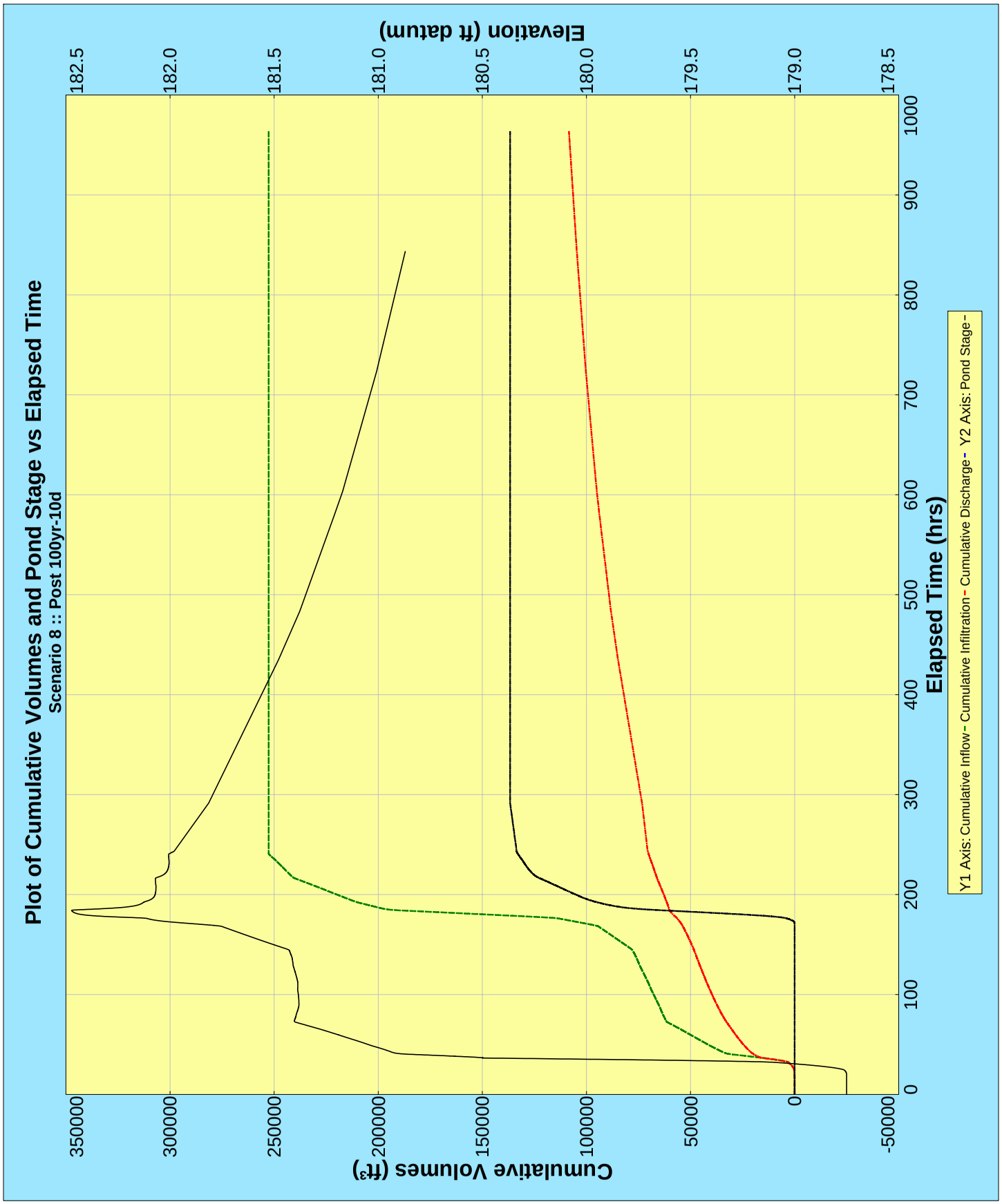

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 3 :: Post100yr-4hr
Elevation (ft datum)
182.0
181.5
181.0
180.5
180.0
179.5
179.0
178.5
Cumulative Volumes (ft³)
70000
60000
50000
40000
30000
20000
10000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

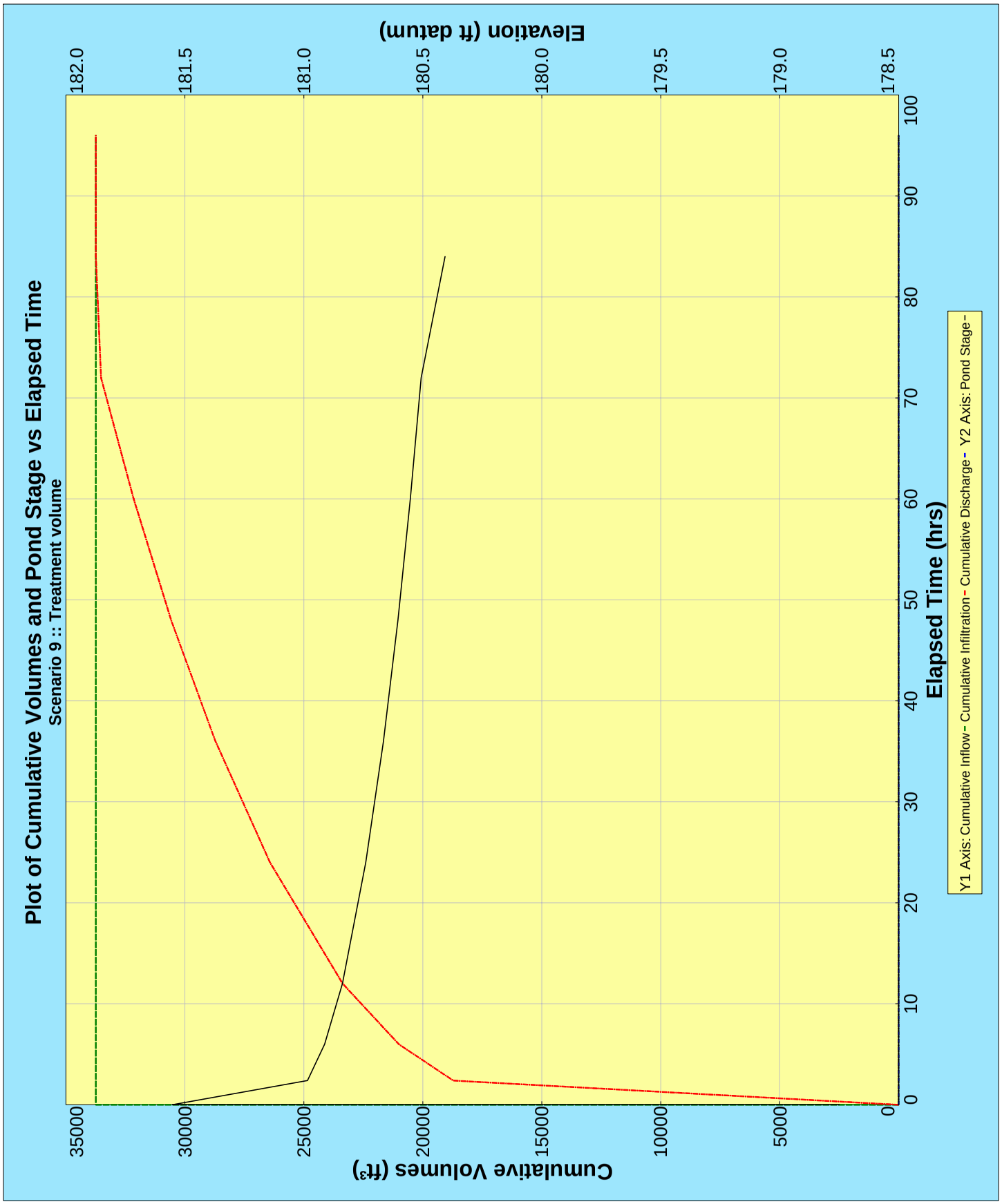

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 4 :: Post100yr-2hr
Elapsed Time (hrs)
Cumulative Volumes (ft³)
Elevation (ft datum)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -
0
100
200
300
400
500
600
700
800
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
182.5
182.0
181.5
181.0
180.5
180.0
179.5
179.0
178.5
178.0
177.5


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 5 :: Post 100yr-1hr
Elevation (ft datum)
181.2
181.0
180.8
180.6
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
800
700
600
500
400
300
200
100
0
Elapsed Time (hrs)
55000
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
-5000
-10000
Cumulative Volumes (ft³)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 6 :: Post 100yr-3d
Elevation (ft datum)
183.0
182.5
182.0
181.5
181.0
180.5
180.0
179.5
179.0
178.5
178.0
Cumulative Volumes (ft³)
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 7 :: Post 100yr-7d
Elevation (ft datum)
183.0
182.5
182.0
181.5
181.0
180.5
180.0
179.5
179.0
178.5
178.0
177.5
Cumulative Volumes (ft³)
220000
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 8 :: Post 100yr-10d
Elevation (ft datum)
182.5
182.0
181.5
181.0
180.5
180.0
179.5
179.0
178.5
Cumulative Volumes (ft³)
350000
300000
250000
200000
150000
100000
50000
0
-50000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
1000
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 9 :: Treatment volume
Elevation (ft datum)
182.0
181.5
181.0
180.5
180.0
179.5
179.0
178.5
Cumulative Volumes (ft³)
35000
30000
25000
20000
15000
10000
5000
0
Elapsed Time (hrs)
0
10
20
30
40
50
60
70
80
90
100
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

PONDS Version 3.3.0229
Retention Pond Recovery - Refined Method
Copyright 2008
Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	GREC - Area304
Simulation Description:	Dry Retention Basin-Swales
Project Number:	
Engineer :	Claudia S. Vega
Supervising Engineer:	Claudia S. Vega
Date:	01-27-2010

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	170.00
Water Table Elevation, [WT] (ft datum):	177.00
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	7.50
Fillable Porosity, [n] (%):	25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	4480.0

Geometry Data

Equivalent Pond Length, [L] (ft):	280.0
Equivalent Pond Width, [W] (ft):	16.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
178.40	560.0
179.00	2912.0
180.00	6832.0
180.40	8400.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	179.40
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 1 :: Post100yr-24hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	11.0
Design Rainfall Duration (hours)	24.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 24 Hour

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
1.000	15.000
3.000	20.000
6.000	25.000
10.000	30.000
12.000	

Scenario 2 :: Post 100yr-8hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	7.5
Design Rainfall Duration (hours)	8.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 8 Hour

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	6.3
Design Rainfall Duration (hours)	4.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 4 Hour

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	5.0
Design Rainfall Duration (hours)	2.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 2 Hour

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	4.4
Design Rainfall Duration (hours)	1.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 1 Hour

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	13.8
Design Rainfall Duration (hours)	72.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 72 Hour

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	16.0
Design Rainfall Duration (hours)	168.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 168 Hour

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	18.0
Design Rainfall Duration (hours)	240.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 240 Hour

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft^3) 2354

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
0.100	2.500
0.500	
1.000	
1.500	
2.000	

Sort-By-Category Report

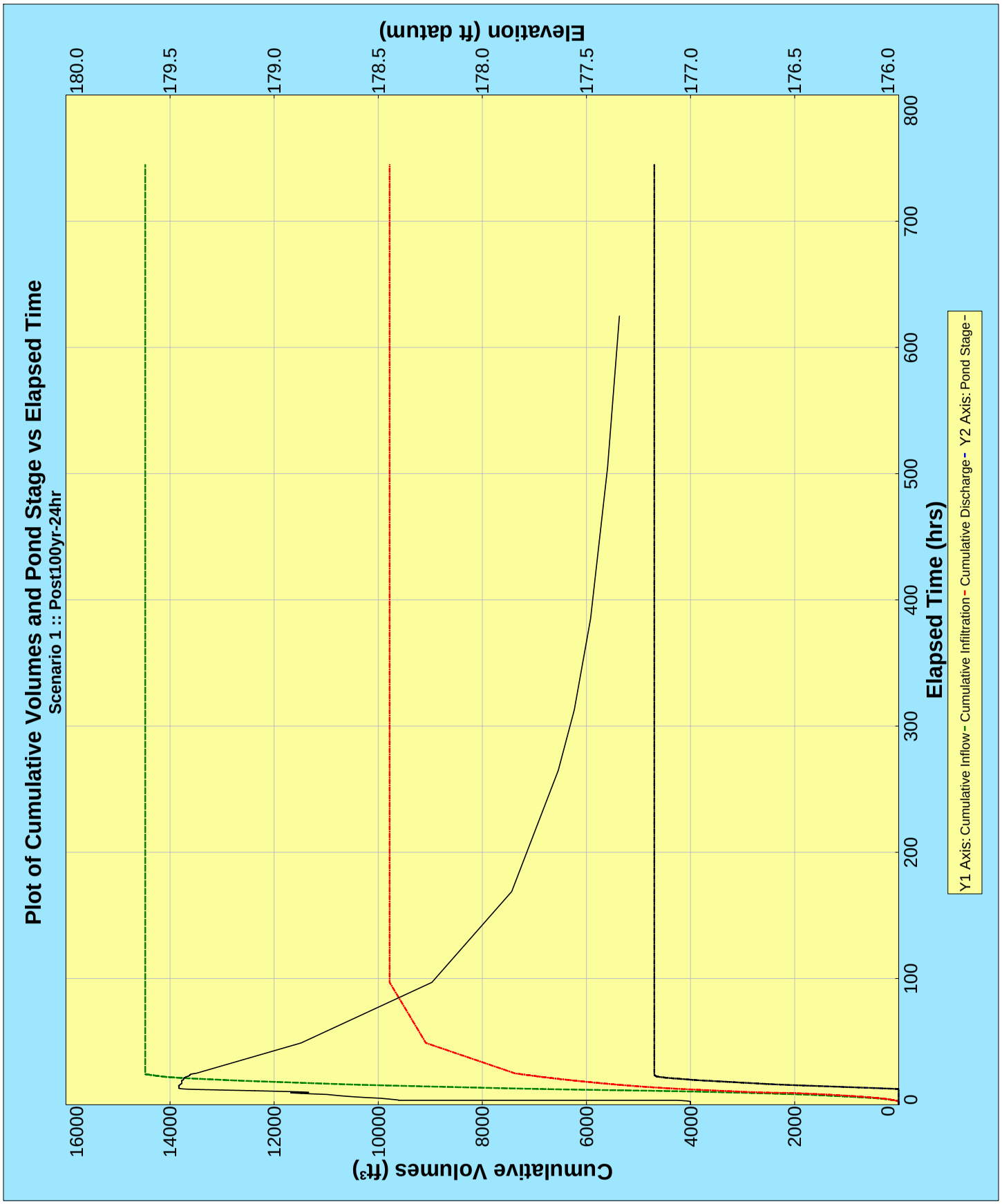
Scenarios Considered: 1 to 9

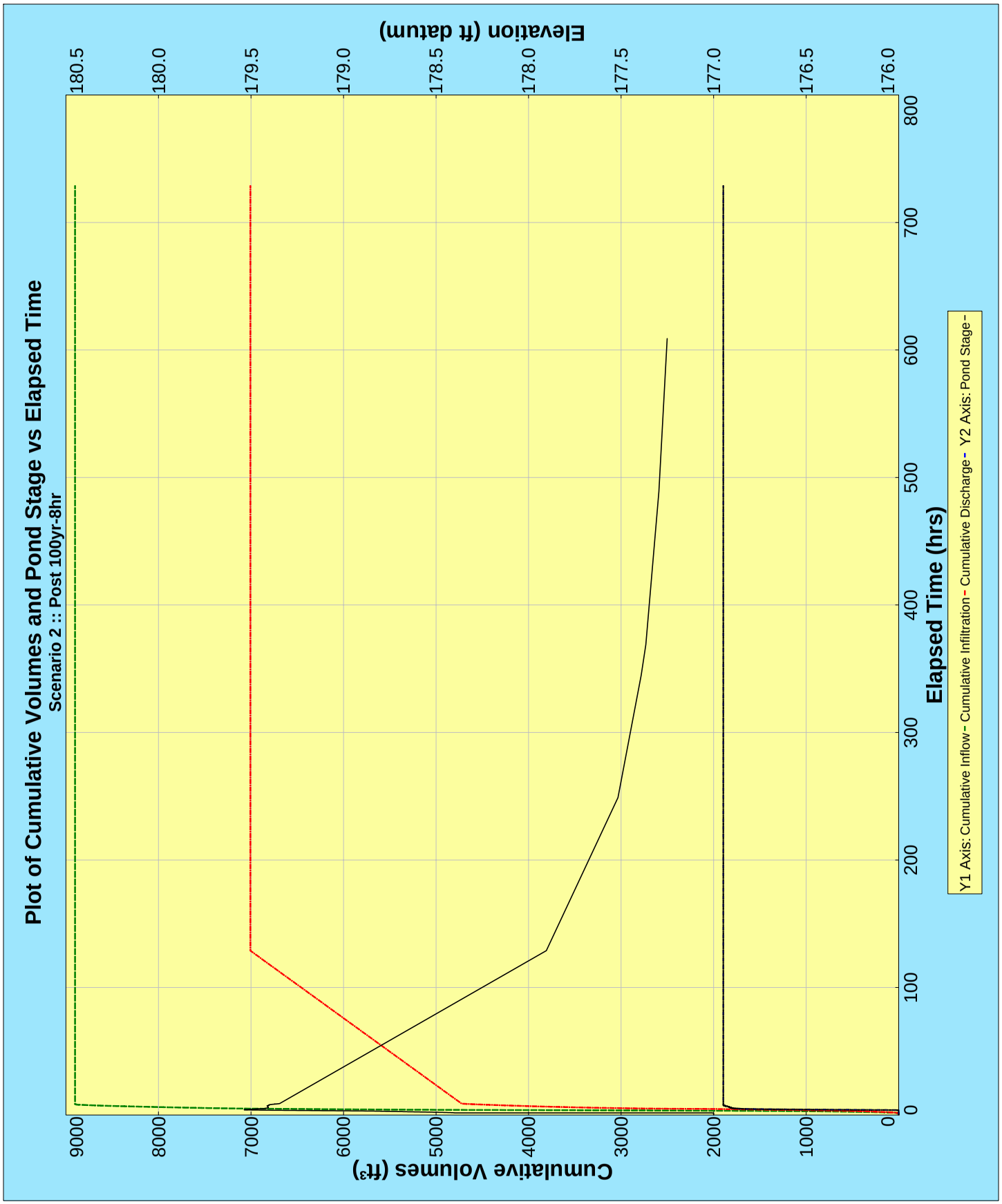
Stage - Maximum

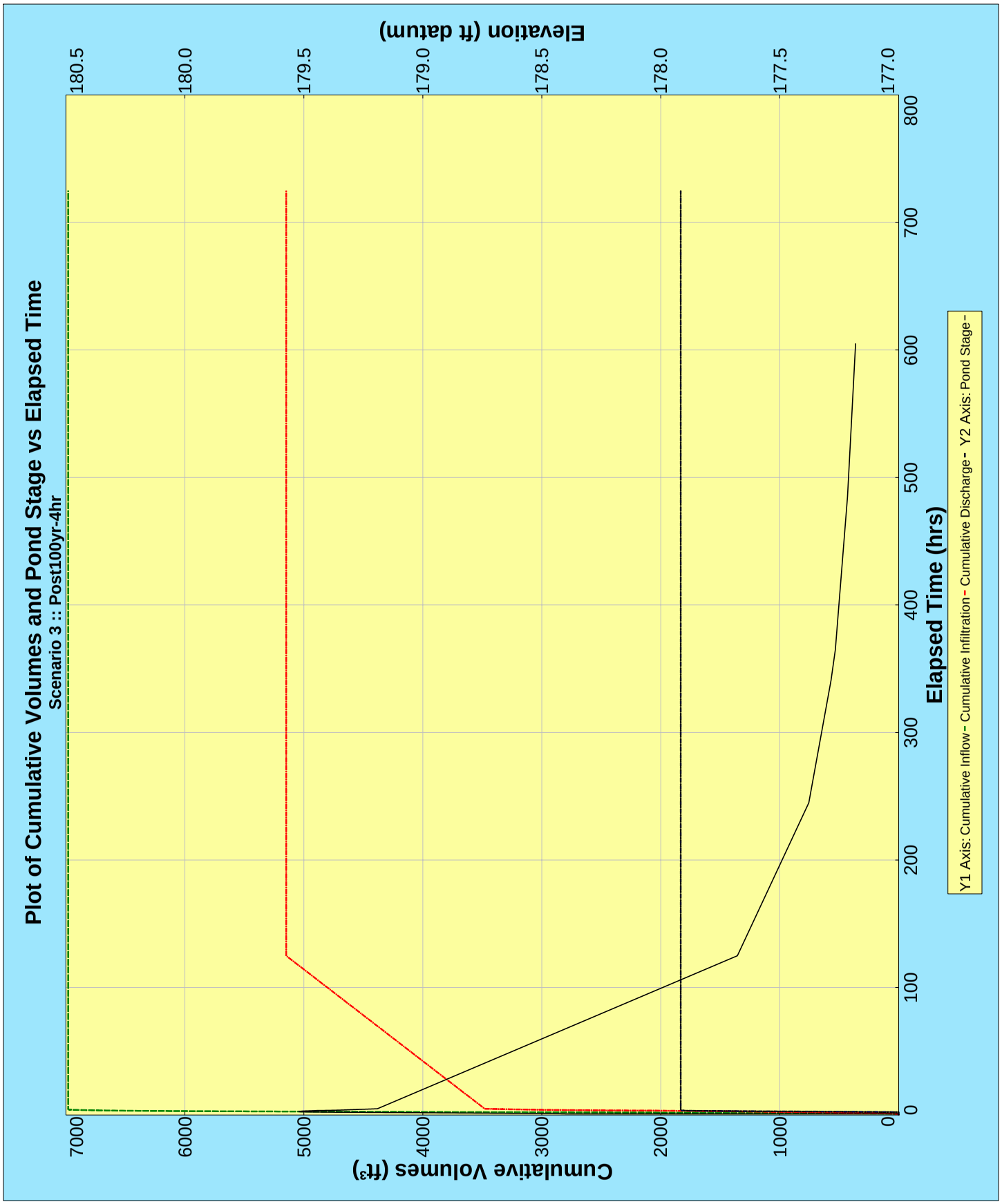
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	2	179.537	4.111	Post 100yr-8hr
2	3	179.521	2.667	Post100yr-4hr
3	5	179.511	1.000	Post 100yr-1hr
4	4	179.486	1.356	Post100yr-2hr
5	6	179.471	60.000	Post 100yr-3d
6	8	179.466	184.000	Post 100yr-10d
7	1	179.459	15.044	Post100yr-24hr
8	7	179.456	160.000	Post 100yr-7d
9	9	179.362	0.002	Treatment volume

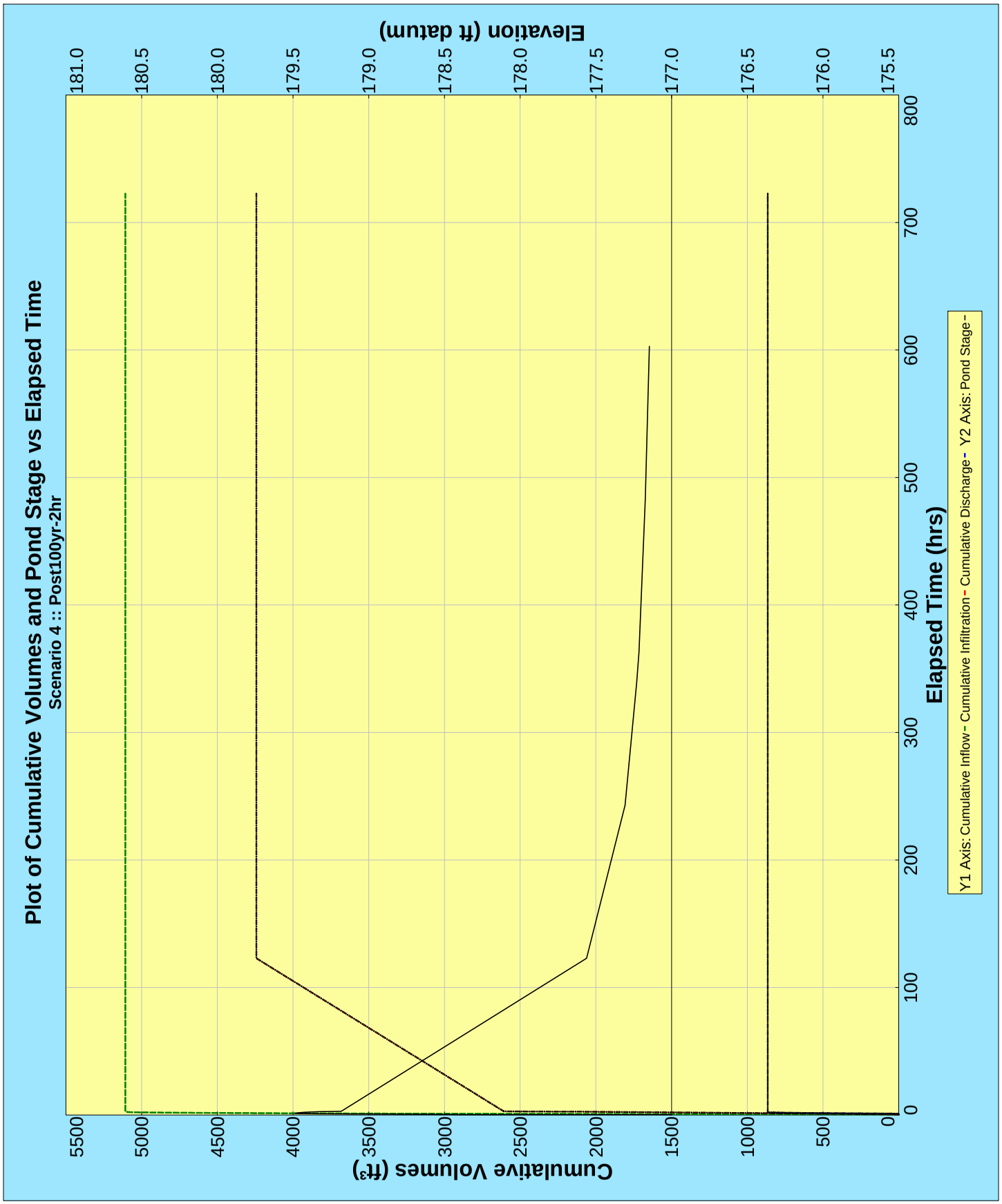
Discharge - Rate - Maximum Positive

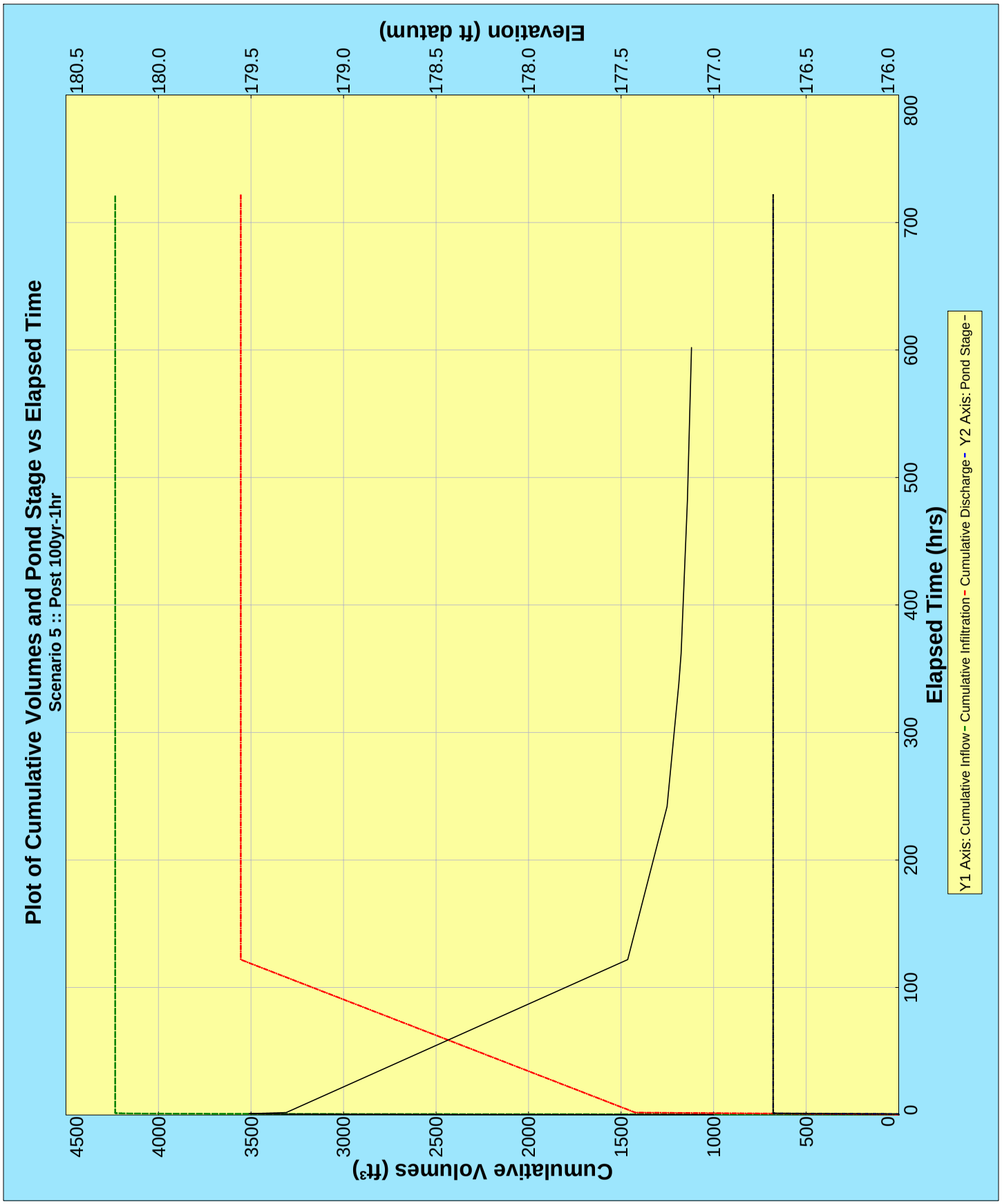
Rank	Scenario Number	Maximum Positive Discharge Rate (ft^3/s)	Time (hours)	Description
1	2	0.7227	4.111	Post 100yr-8hr
2	3	0.6005	2.667	Post100yr-4hr
3	5	0.5253	1.000	Post 100yr-1hr
4	4	0.3593	1.356	Post100yr-2hr
5	6	0.2562	60.000	Post 100yr-3d
6	8	0.2328	184.000	Post 100yr-10d
7	1	0.1950	15.044	Post100yr-24hr
8	7	0.1781	160.000	Post 100yr-7d
9	9	None	N.A.	Treatment volume

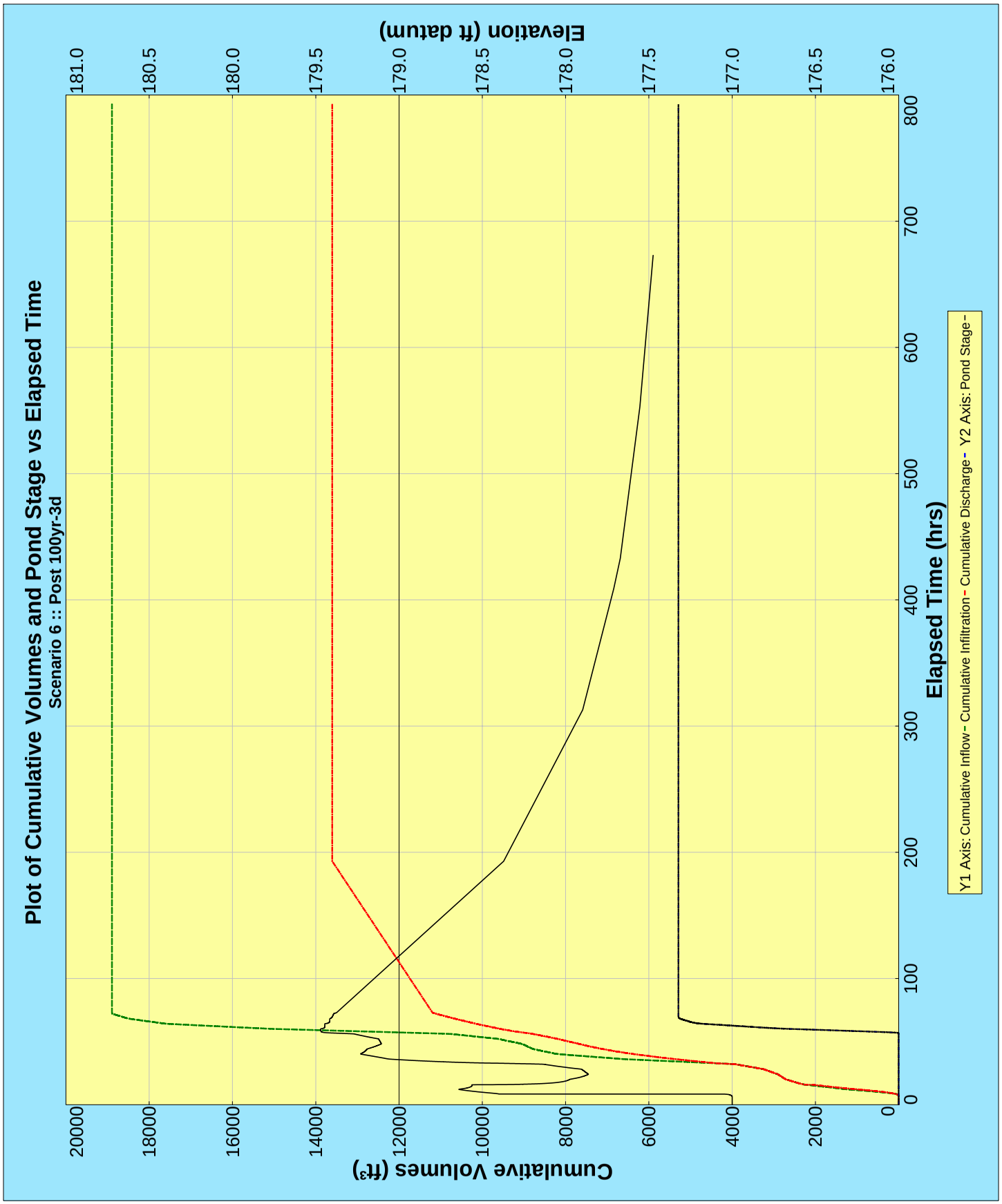

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 1 :: Post100yr-24hr
Elevation (ft datum)
180.0
179.5
179.0
178.5
178.0
177.5
177.0
176.5
176.0
Cumulative Volumes (ft³)
16000
14000
12000
10000
8000
6000
4000
2000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

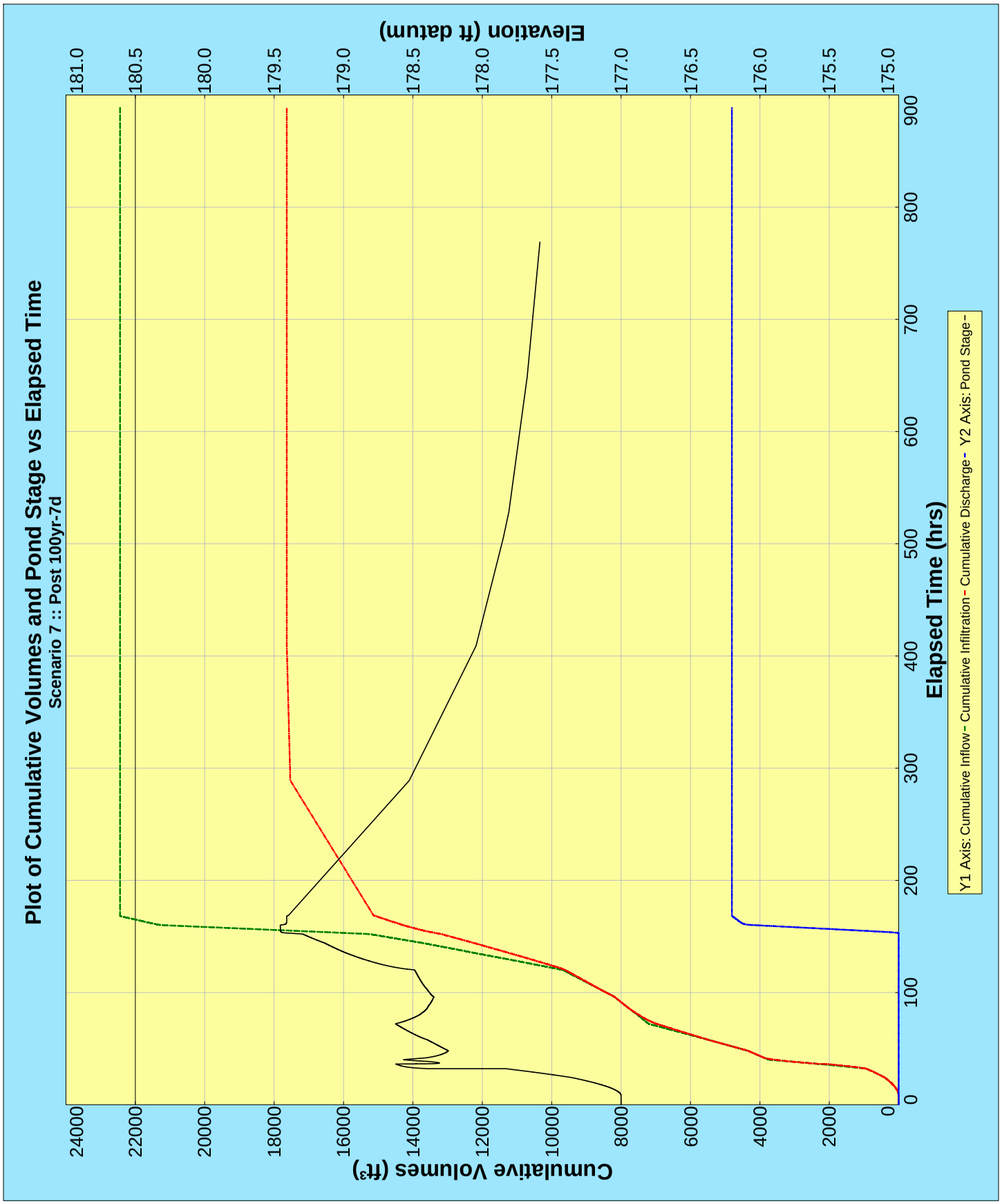

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 2 :: Post 100yr-8hr
Elevation (ft datum)
180.5
180.0
179.5
179.0
178.5
178.0
177.5
177.0
176.5
176.0
Cumulative Volumes (ft³)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

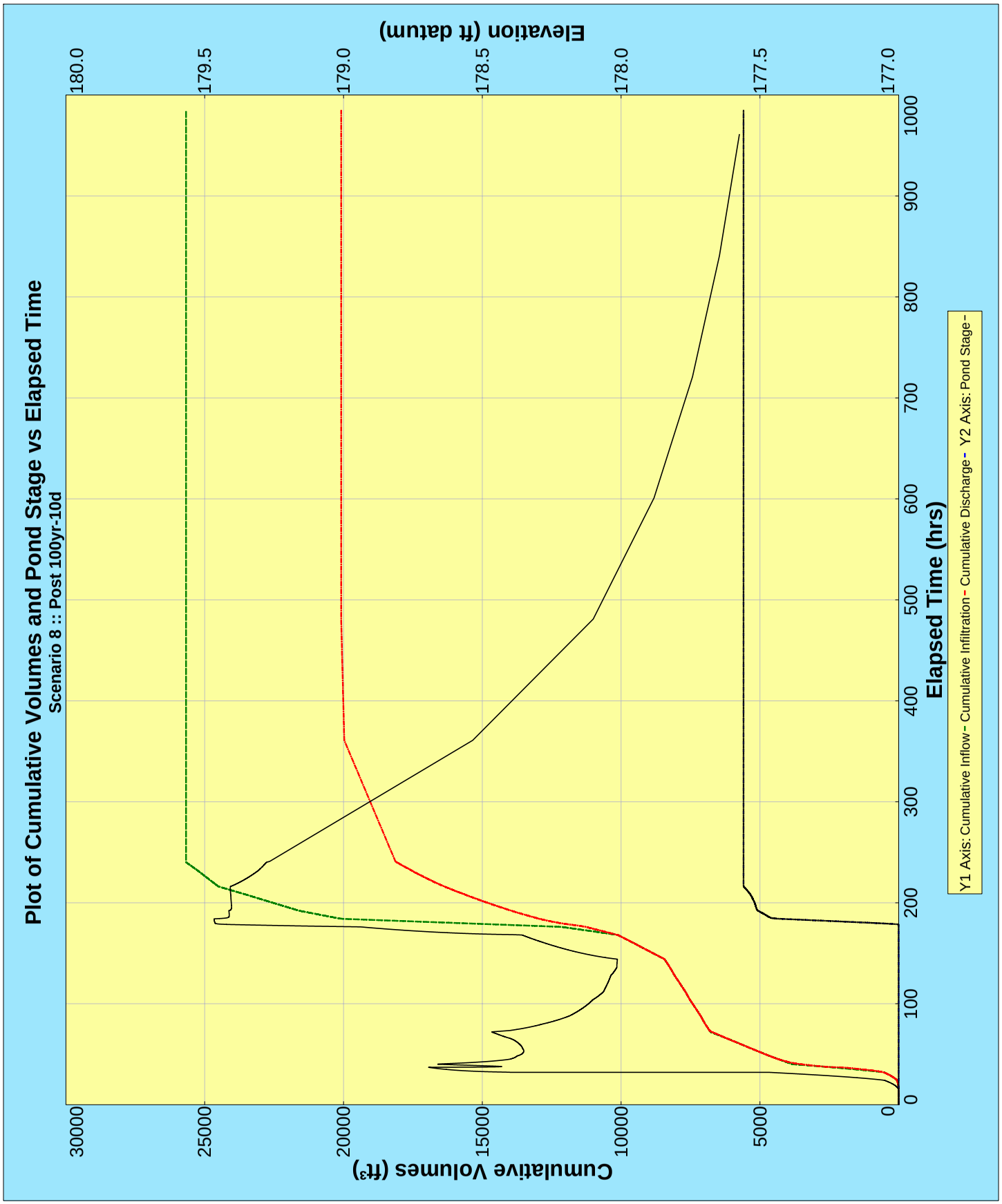

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 3 :: Post100yr-4hr
Elevation (ft datum)
180.5
180.0
179.5
179.0
178.5
178.0
177.5
177.0
Cumulative Volumes (ft³)
7000
6000
5000
4000
3000
2000
1000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

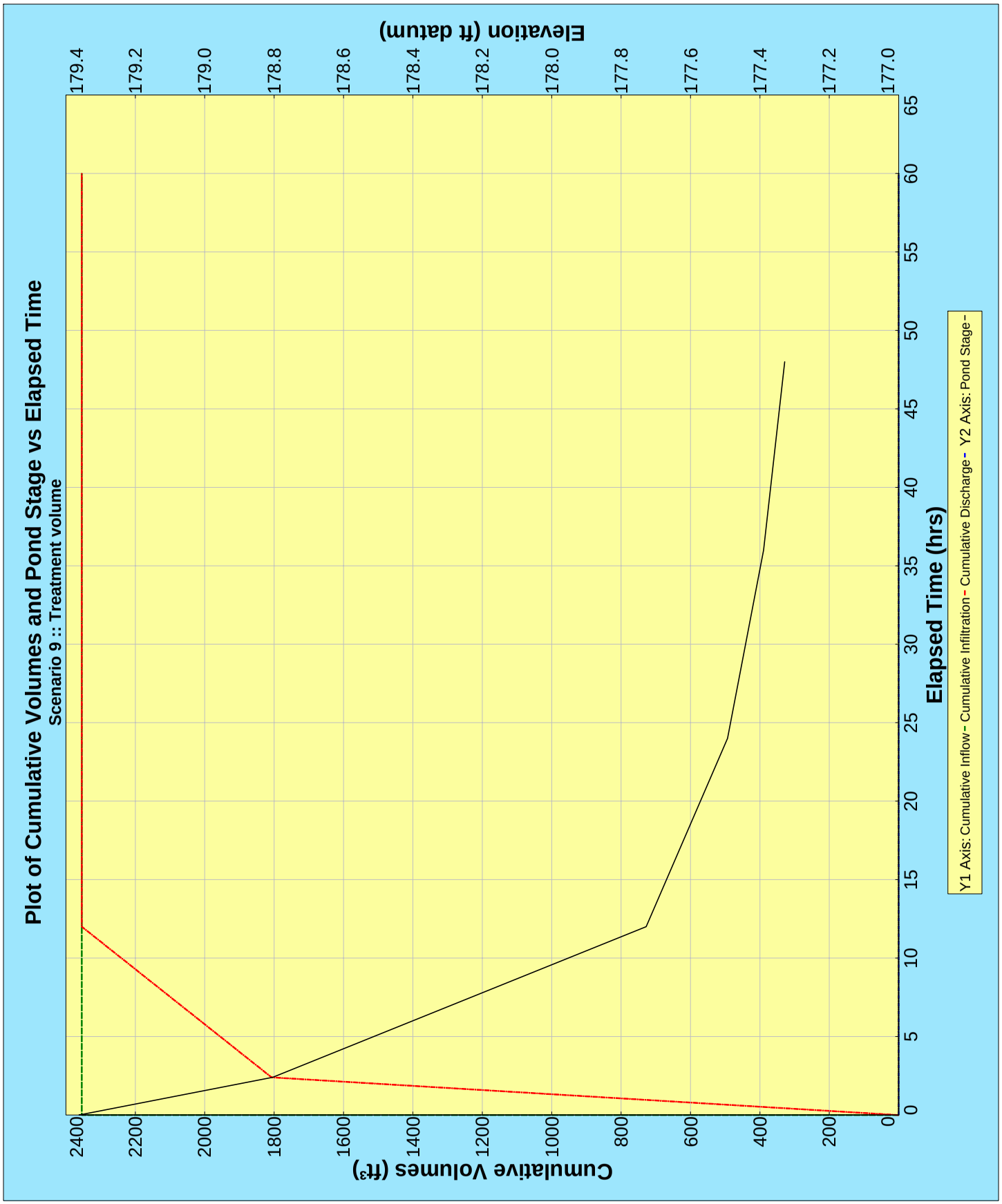

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 4 :: Post100yr-2hr
Elevation (ft datum)
181.0
180.5
180.0
179.5
179.0
178.5
178.0
177.5
177.0
176.5
176.0
175.5
Cumulative Volumes (ft³)
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 5 :: Post 100yr-1hr
Elevation (ft datum)
180.5
180.0
179.5
179.0
178.5
178.0
177.5
177.0
176.5
176.0
Cumulative Volumes (ft³)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 6 :: Post 100yr-3d
Elevation (ft datum)
181.0
180.5
180.0
179.5
179.0
178.5
178.0
177.5
177.0
176.5
176.0
Cumulative Volumes (ft³)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 7 :: Post 100yr-7d
Elevation (ft datum)
181.0
180.5
180.0
179.5
179.0
178.5
178.0
177.5
177.0
176.5
176.0
175.5
175.0
Cumulative Volumes (ft³)
24000
22000
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 8 :: Post 100yr-10d
Elevation (ft datum)
180.0
179.5
179.0
178.5
178.0
177.5
177.0
Cumulative Volumes (ft³)
30000
25000
20000
15000
10000
5000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
1000
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 9 :: Treatment volume
Elevation (ft datum)
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
177.4
177.2
177.0
Cumulative Volumes (ft³)
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
Elapsed Time (hrs)
0
5
10
15
20
25
30
35
40
45
50
55
60
65
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

PONDS Version 3.3.0229
Retention Pond Recovery - Refined Method
Copyright 2008
Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	GREC - Area306
Simulation Description:	Dry Retention Basin-Swales
Project Number:	
Engineer :	Claudia S. Vega
Supervising Engineer:	Claudia S. Vega
Date:	01-27-2010

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	170.25
Water Table Elevation, [WT] (ft datum):	177.75
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	7.50
Fillable Porosity, [n] (%):	25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	4480.0

Geometry Data

Equivalent Pond Length, [L] (ft):	280.0
Equivalent Pond Width, [W] (ft):	16.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
178.46	560.0
179.00	2677.0
180.00	6597.0
180.46	8400.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	179.46
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 1 :: Post100yr-24hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	11.0
Design Rainfall Duration (hours)	24.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 24 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
0.500	13.000
1.000	15.000
2.000	20.000
6.000	25.000
10.000	30.000

Scenario 2 :: Post 100yr-8hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	7.5
Design Rainfall Duration (hours)	8.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 8 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	6.3
Design Rainfall Duration (hours)	4.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 4 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	5.0
Design Rainfall Duration (hours)	2.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 2 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	4.4
Design Rainfall Duration (hours)	1.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 1 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	13.8
Design Rainfall Duration (hours)	72.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 72 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	16.0
Design Rainfall Duration (hours)	168.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 168 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.450
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	18.0
Design Rainfall Duration (hours)	240.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 240 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft^3) 2354

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
0.100	2.000
0.250	2.500
0.500	
1.000	
1.500	

Sort-By-Category Report

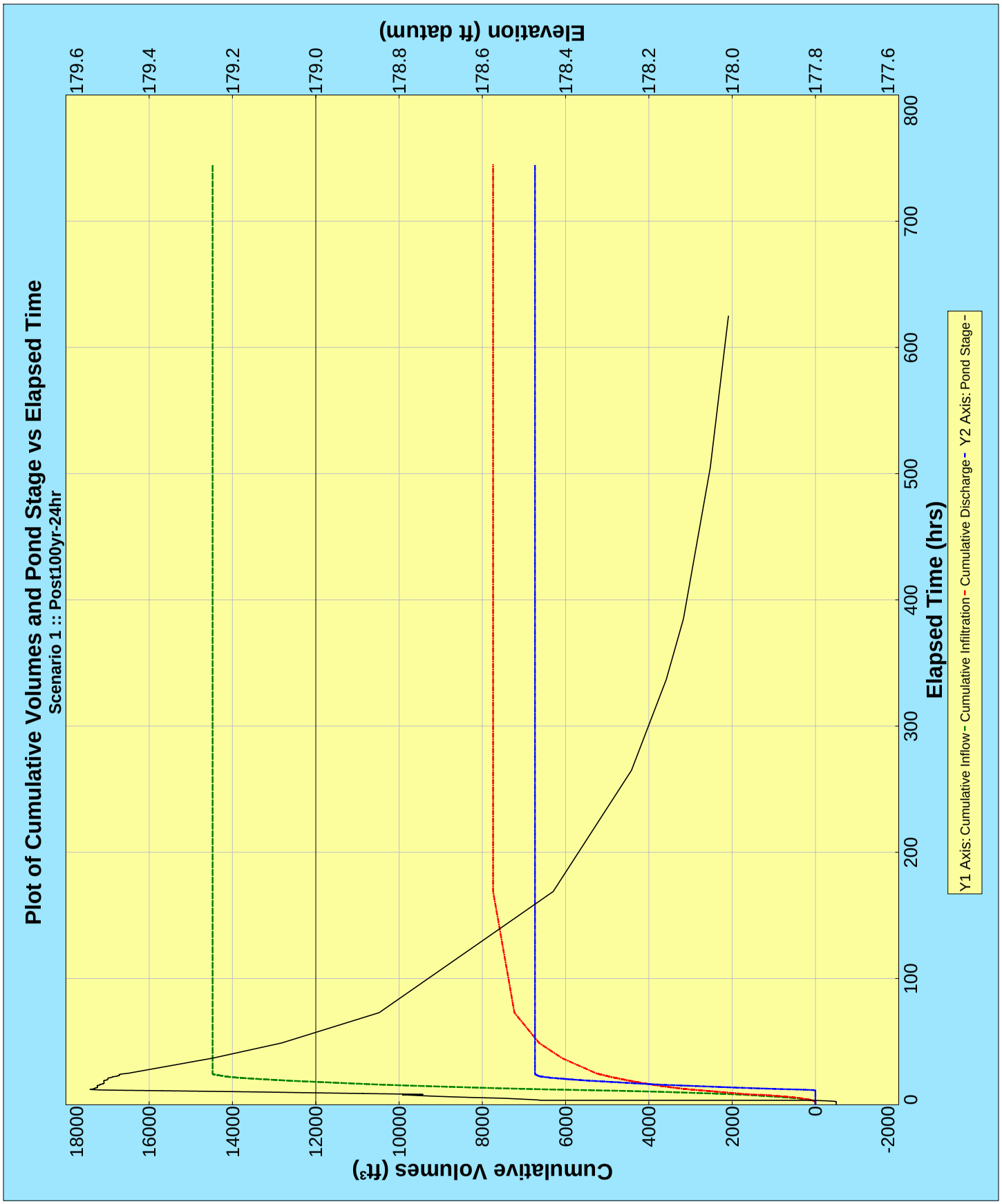
Scenarios Considered: 1 to 9

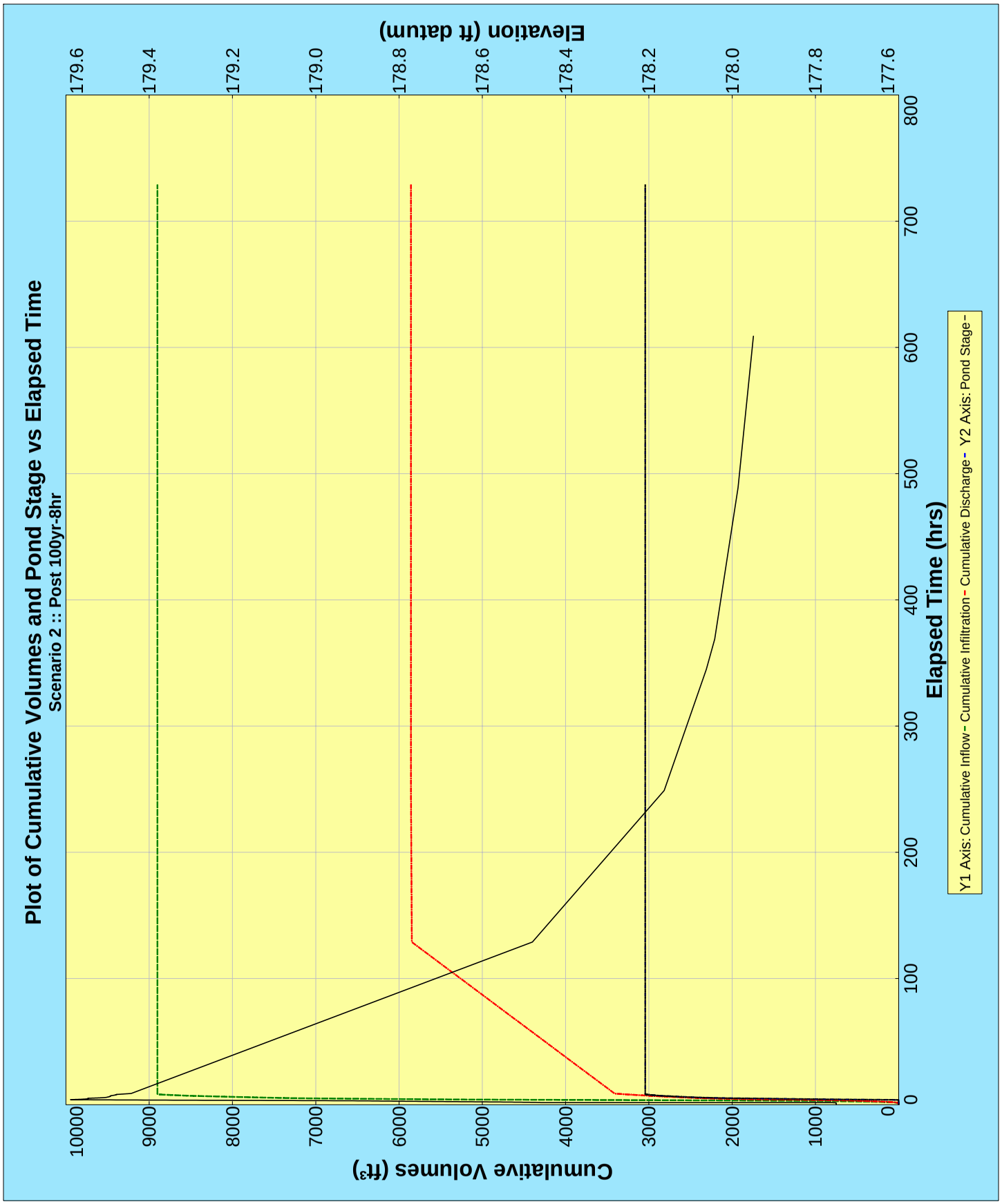
Stage - Maximum

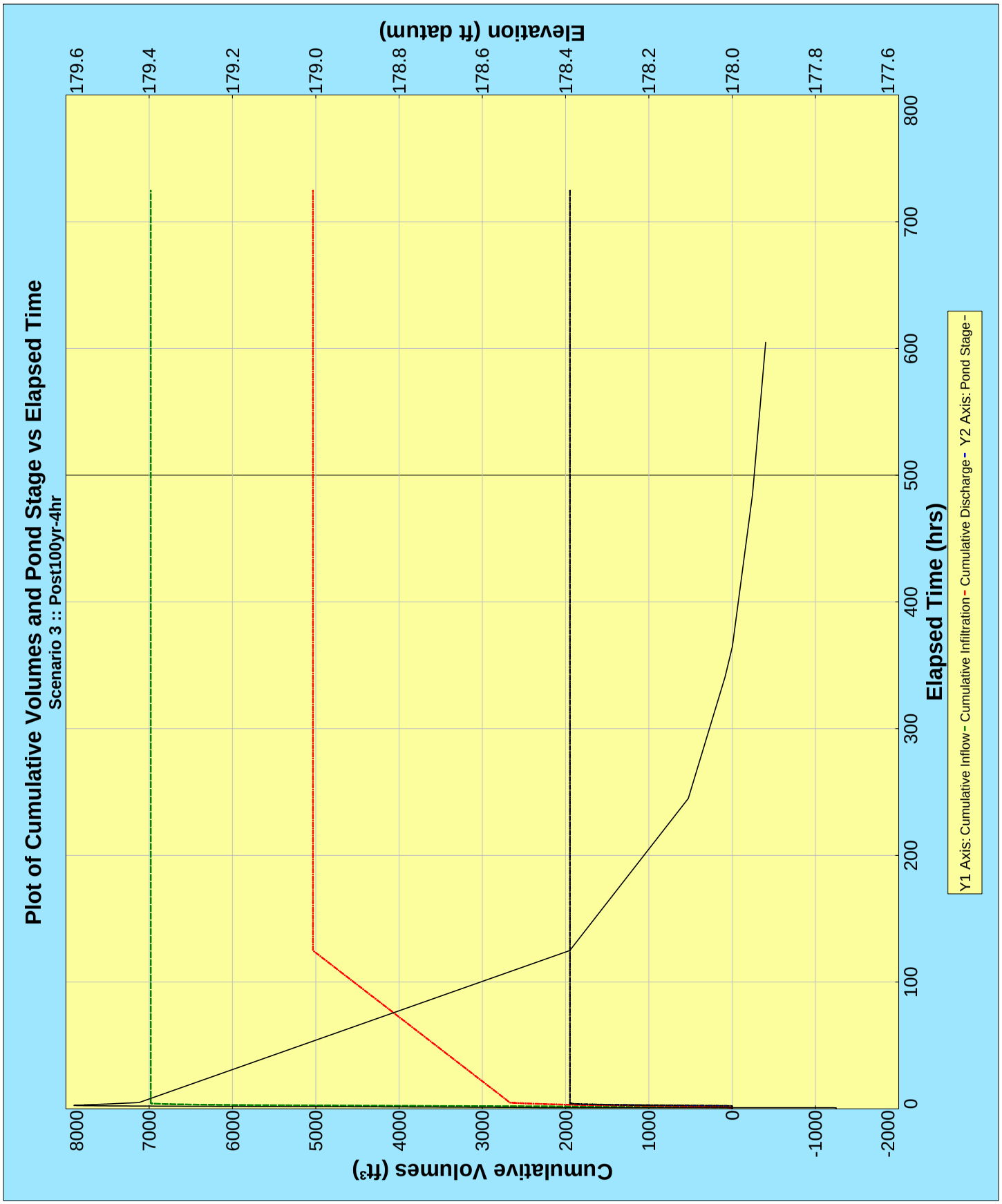
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	2	179.589	4.044	Post 100yr-8hr
2	3	179.581	2.667	Post100yr-4hr
3	5	179.571	1.000	Post 100yr-1hr
4	4	179.546	1.356	Post100yr-2hr
5	1	179.542	12.133	Post100yr-24hr
6	6	179.534	59.956	Post 100yr-3d
7	8	179.530	183.978	Post 100yr-10d
8	7	179.518	159.978	Post 100yr-7d
9	9	179.422	0.002	Treatment volume

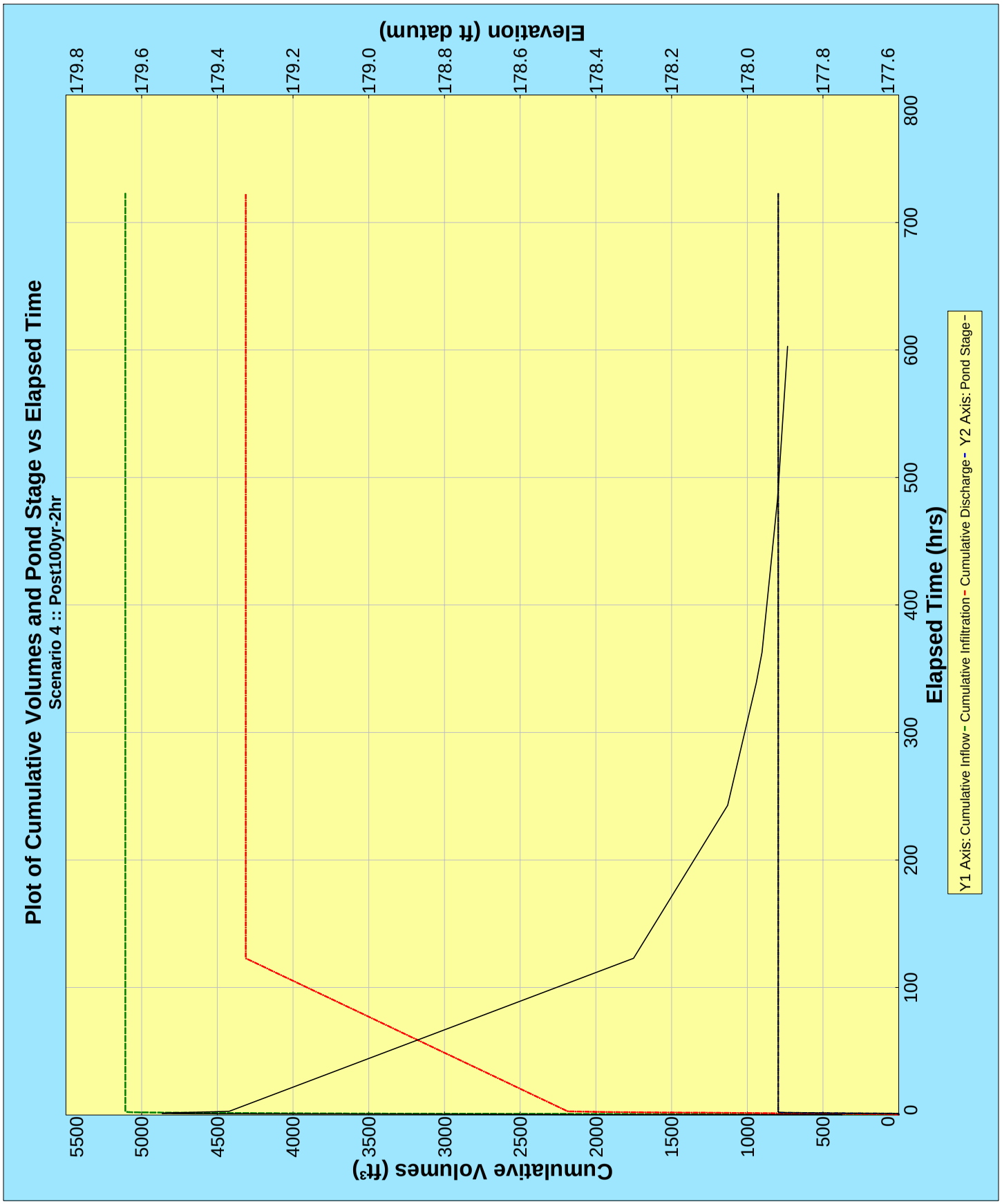
Discharge - Rate - Maximum Positive

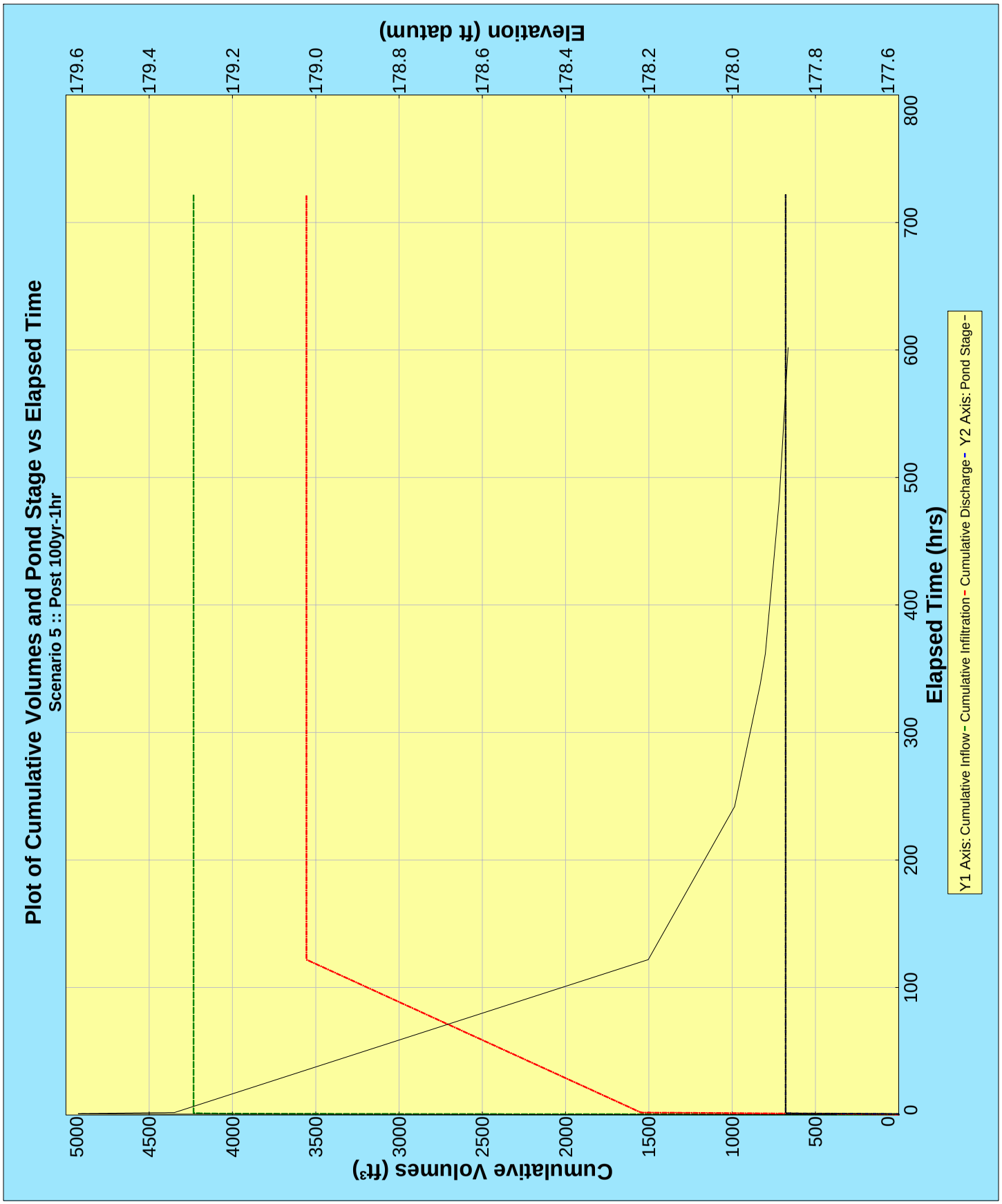
Rank	Scenario Number	Maximum Positive Discharge Rate (ft^3/s)	Time (hours)	Description
1	2	0.6605	4.044	Post 100yr-8hr
2	3	0.6005	2.667	Post100yr-4hr
3	5	0.5252	1.000	Post 100yr-1hr
4	4	0.3592	1.356	Post100yr-2hr
5	1	0.3193	12.133	Post100yr-24hr
6	6	0.2743	60.000	Post 100yr-3d
7	8	0.2516	184.000	Post 100yr-10d
8	7	0.1918	160.000	Post 100yr-7d
9	9	None	N.A.	Treatment volume

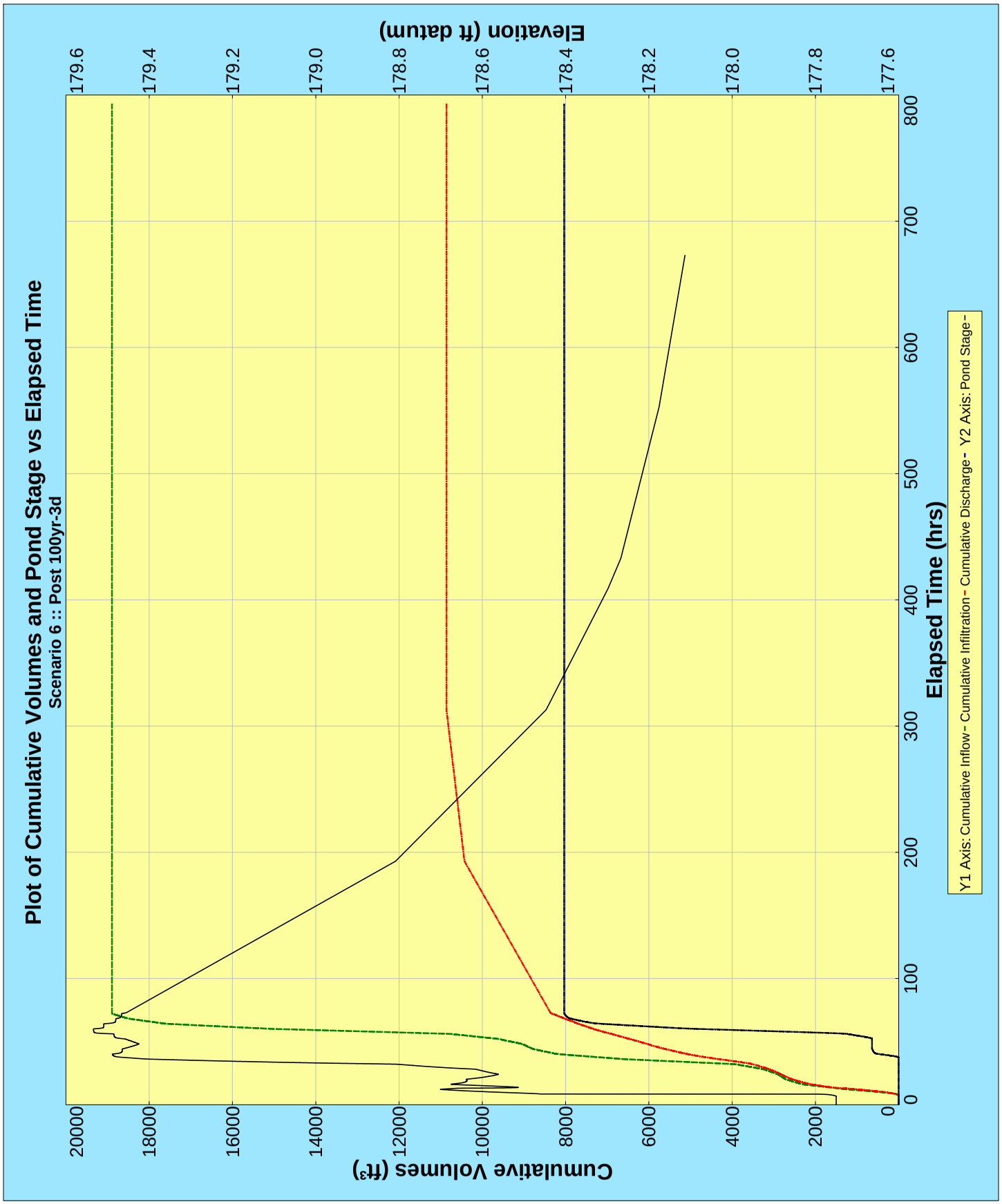

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 1 :: Post100yr-24hr
Elevation (ft datum)
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
Cumulative Volumes (ft³)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
-2000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

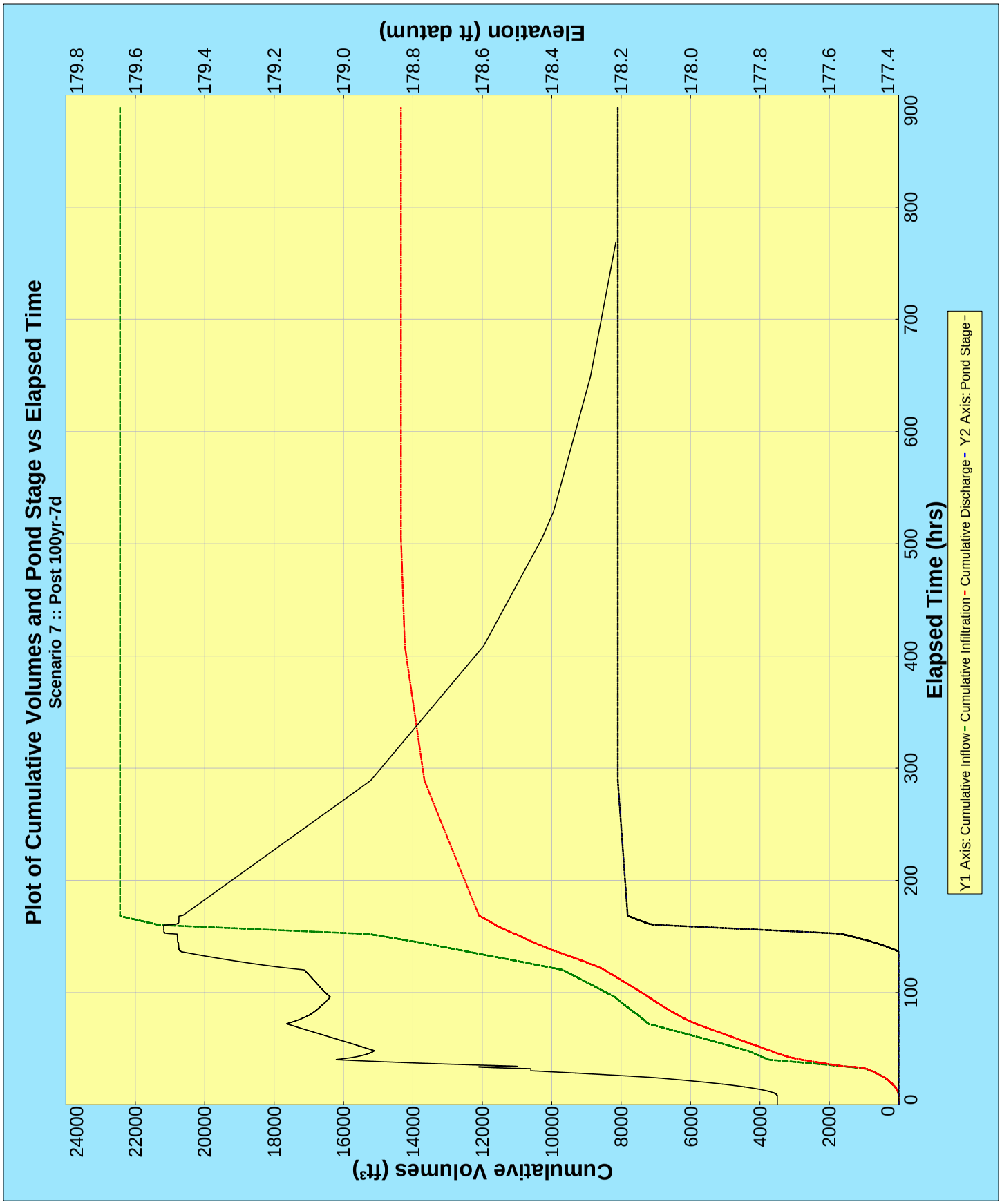

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 2 :: Post 100yr-8hr
Elevation (ft datum)
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
Cumulative Volumes (ft³)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

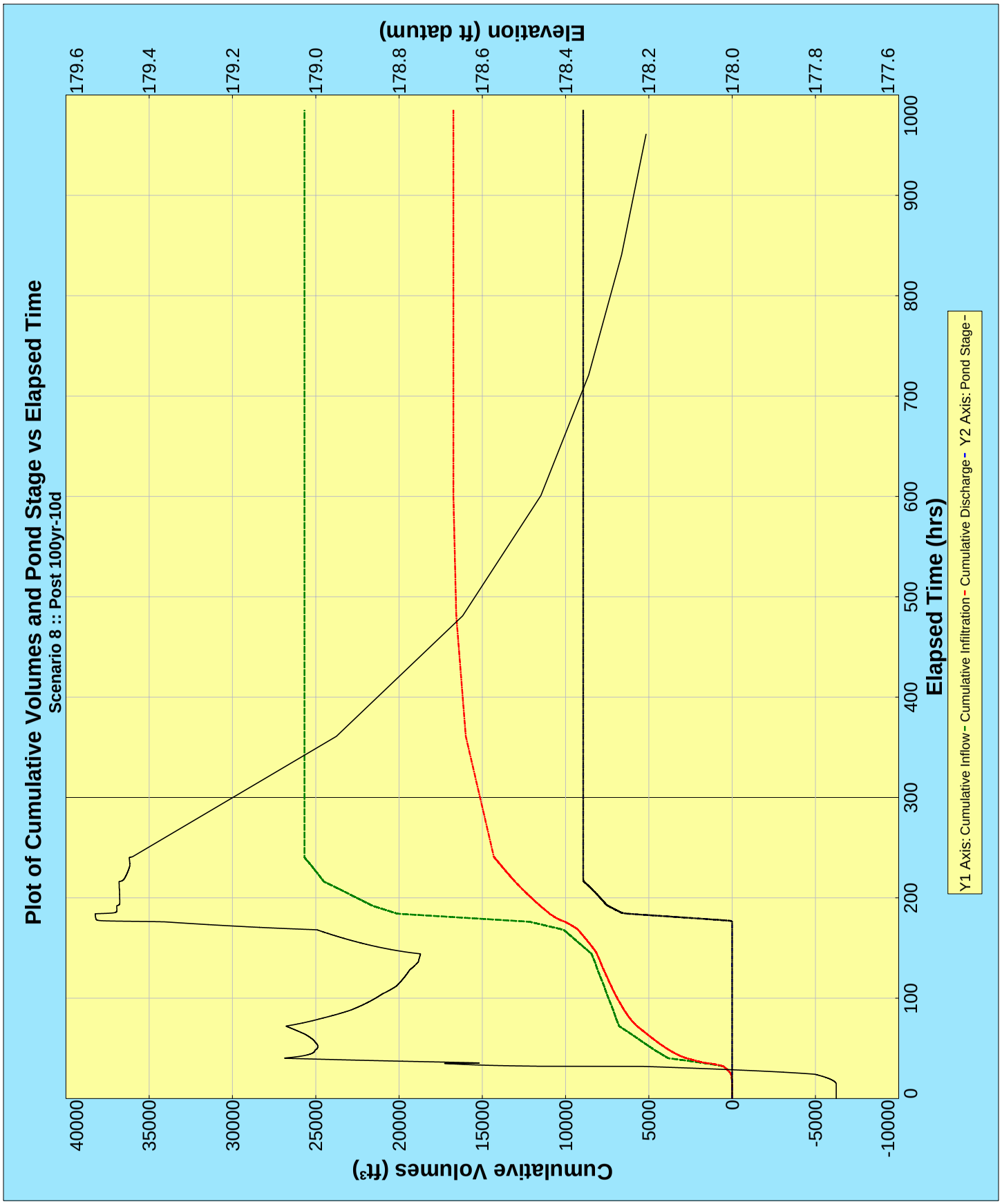

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 3 :: Post100yr-4hr
Elevation (ft datum)
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
Cumulative Volumes (ft³)
8000
7000
6000
5000
4000
3000
2000
1000
0
-1000
-2000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

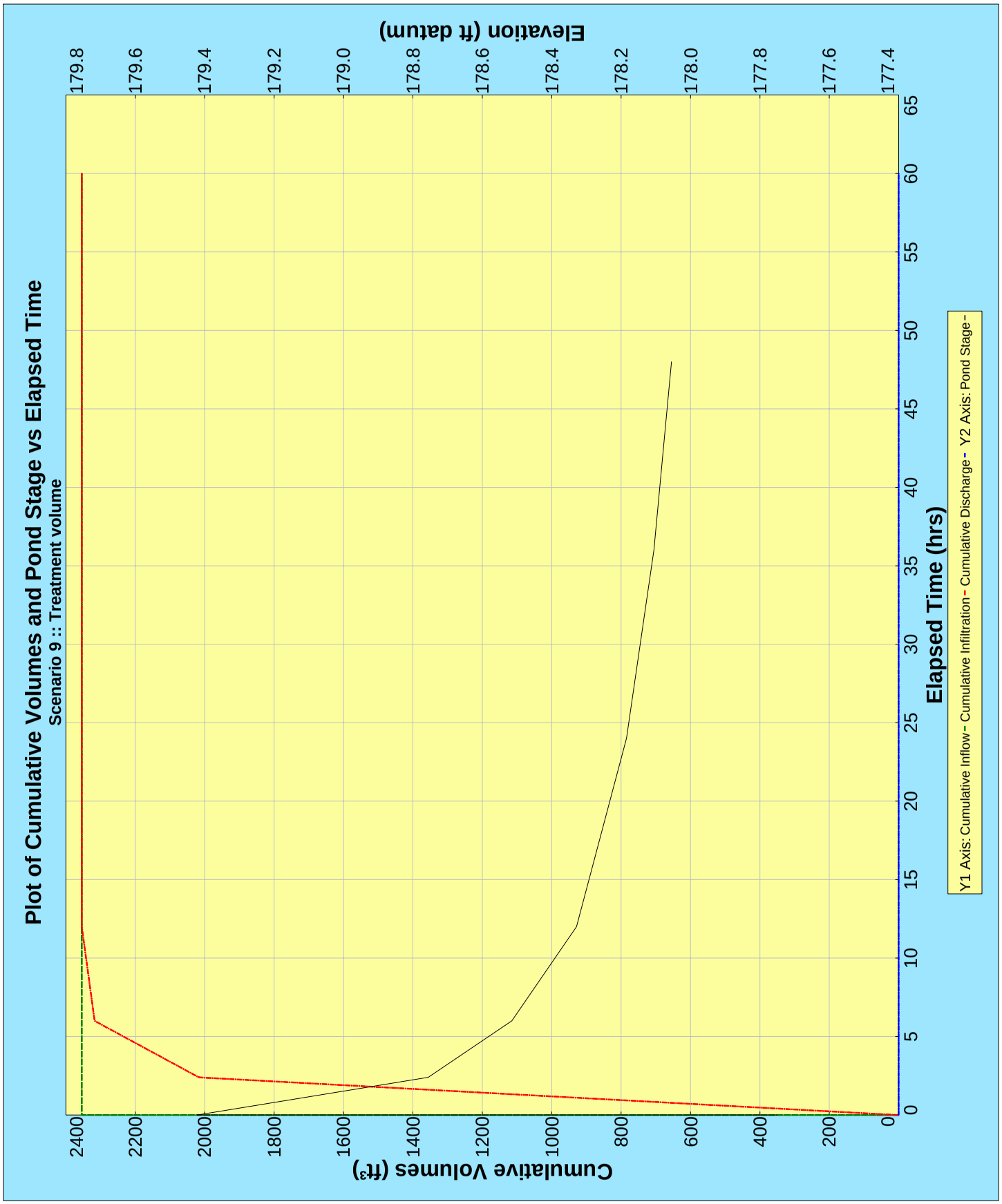

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 4 :: Post100yr-2hr
Elevation (ft datum)
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
Cumulative Volumes (ft³)
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 5 :: Post 100yr-1hr
Elevation (ft datum)
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
Cumulative Volumes (ft³)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 6 :: Post 100yr-3d
Elevation (ft datum)
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
Cumulative Volumes (ft³)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 7 :: Post 100yr-7d
Elevation (ft datum)
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
177.4
Cumulative Volumes (ft³)
24000
22000
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 8 :: Post 100yr-10d
Elevation (ft datum)
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
Cumulative Volumes (ft³)
40000
35000
30000
25000
20000
15000
10000
5000
0
-5000
-10000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
1000
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 9 :: Treatment volume
Elevation (ft datum)
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
177.4
Cumulative Volumes (ft³)
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
Elapsed Time (hrs)
0
5
10
15
20
25
30
35
40
45
50
55
60
65
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

PONDS Version 3.3.0229
Retention Pond Recovery - Refined Method
Copyright 2008
Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	GREC - Area308
Simulation Description:	Dry Retention Basin-Swales
Project Number:	
Engineer :	Claudia S. Vega
Supervising Engineer:	Claudia S. Vega
Date:	01-27-2010

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	171.00
Water Table Elevation, [WT] (ft datum):	178.00
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	7.50
Fillable Porosity, [n] (%):	25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	8320.0

Geometry Data

Equivalent Pond Length, [L] (ft):	520.0
Equivalent Pond Width, [W] (ft):	16.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
178.36	1040.0
179.00	5699.0
180.00	12979.0
180.36	15600.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	179.36
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 1 :: Post100yr-24hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.836
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	11.0
Design Rainfall Duration (hours)	24.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 24 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
0.500	13.000
1.000	15.000
2.000	20.000
6.000	25.000
10.000	30.000

Scenario 2 :: Post 100yr-8hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.836
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	7.5
Design Rainfall Duration (hours)	8.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 8 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.836
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	6.3
Design Rainfall Duration (hours)	4.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 4 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.836
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	5.0
Design Rainfall Duration (hours)	2.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 2 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.836
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	4.4
Design Rainfall Duration (hours)	1.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 1 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.836
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	13.8
Design Rainfall Duration (hours)	72.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 72 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.836
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	16.0
Design Rainfall Duration (hours)	168.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 168 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.836
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	82.4
Design Rainfall Depth (inches)	18.0
Design Rainfall Duration (hours)	240.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 240 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft^3) 4371

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
0.100	2.000
0.250	2.500
0.500	
1.000	
1.500	

Sort-By-Category Report

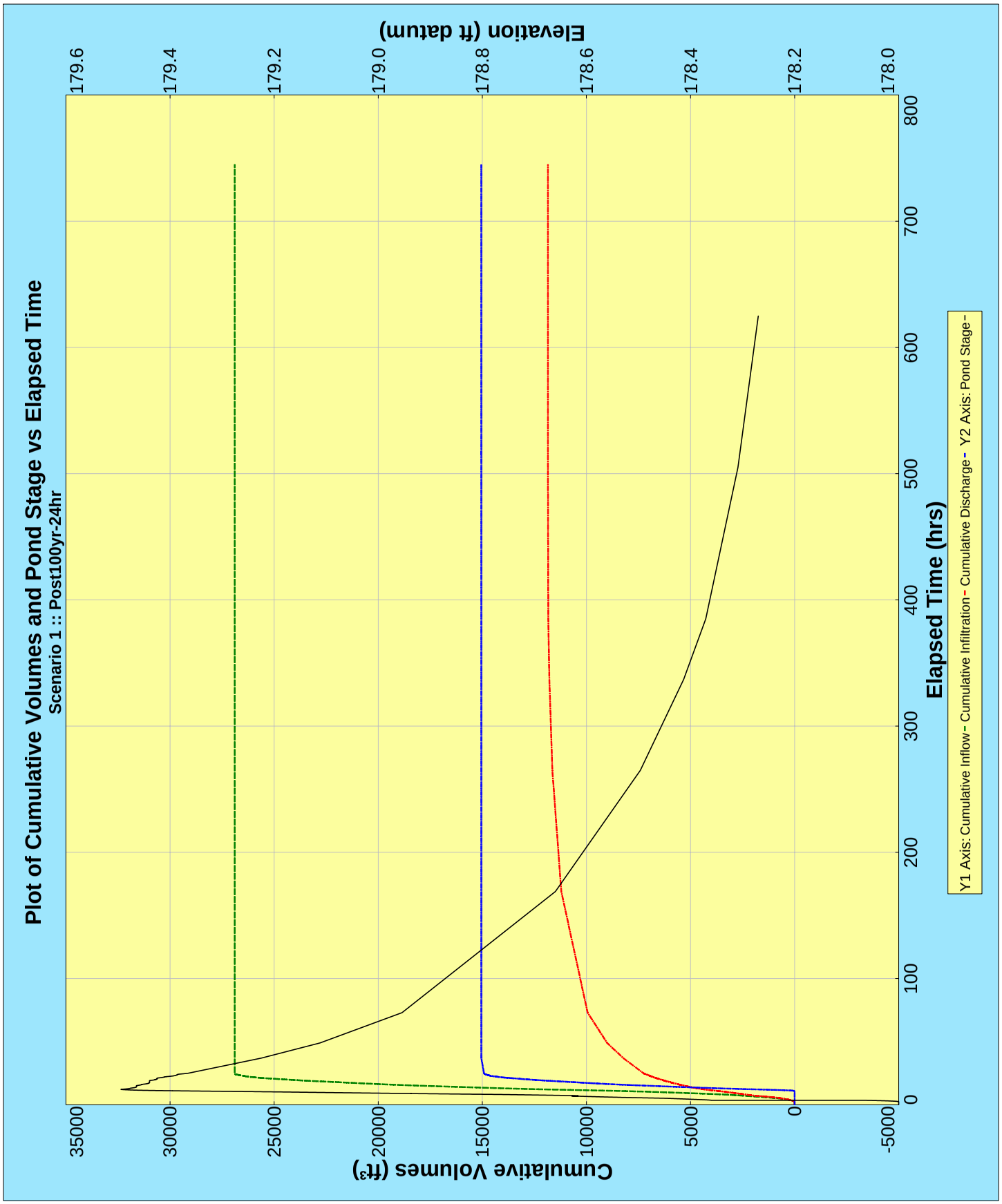
Scenarios Considered: 1 to 9

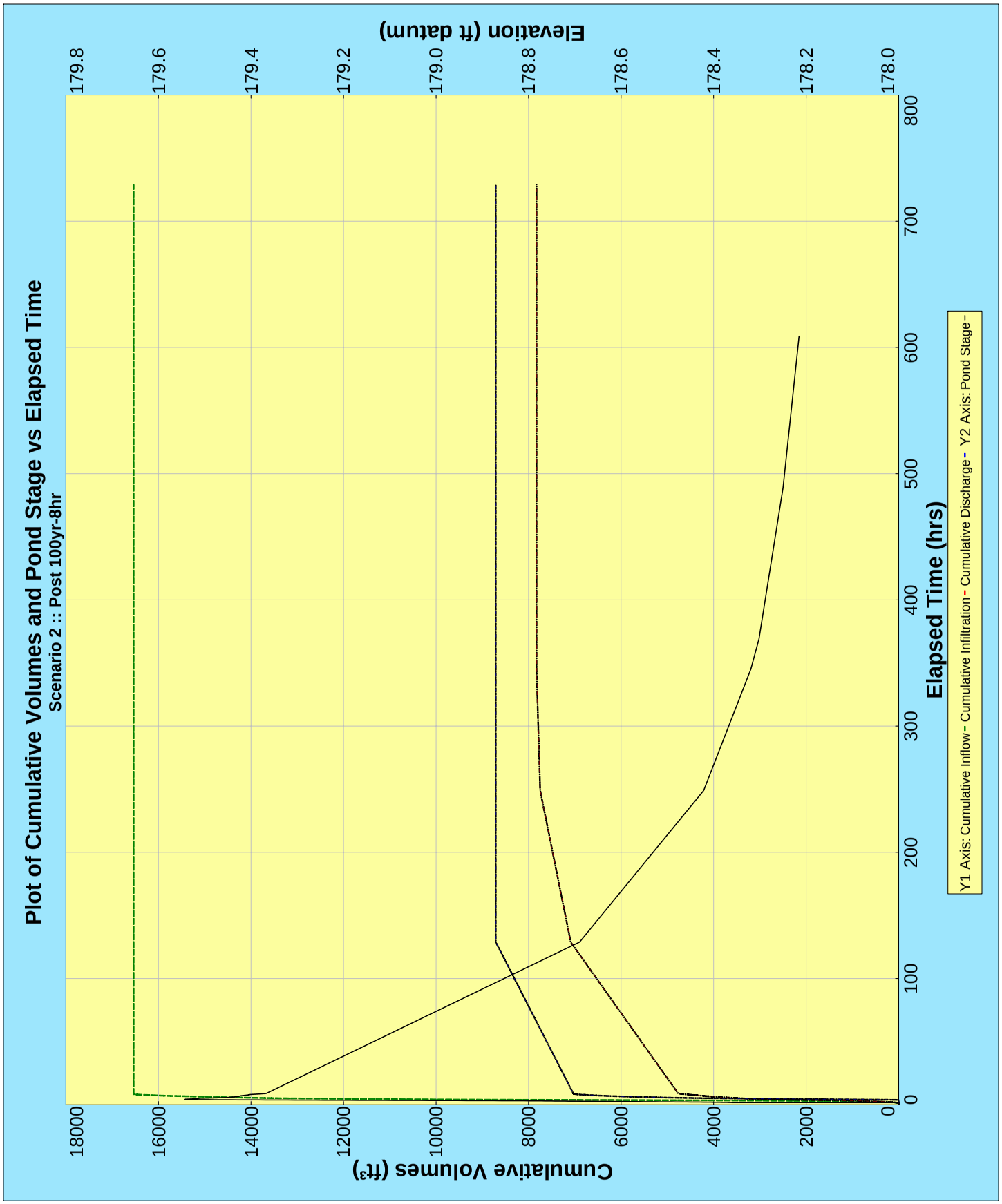
Stage - Maximum

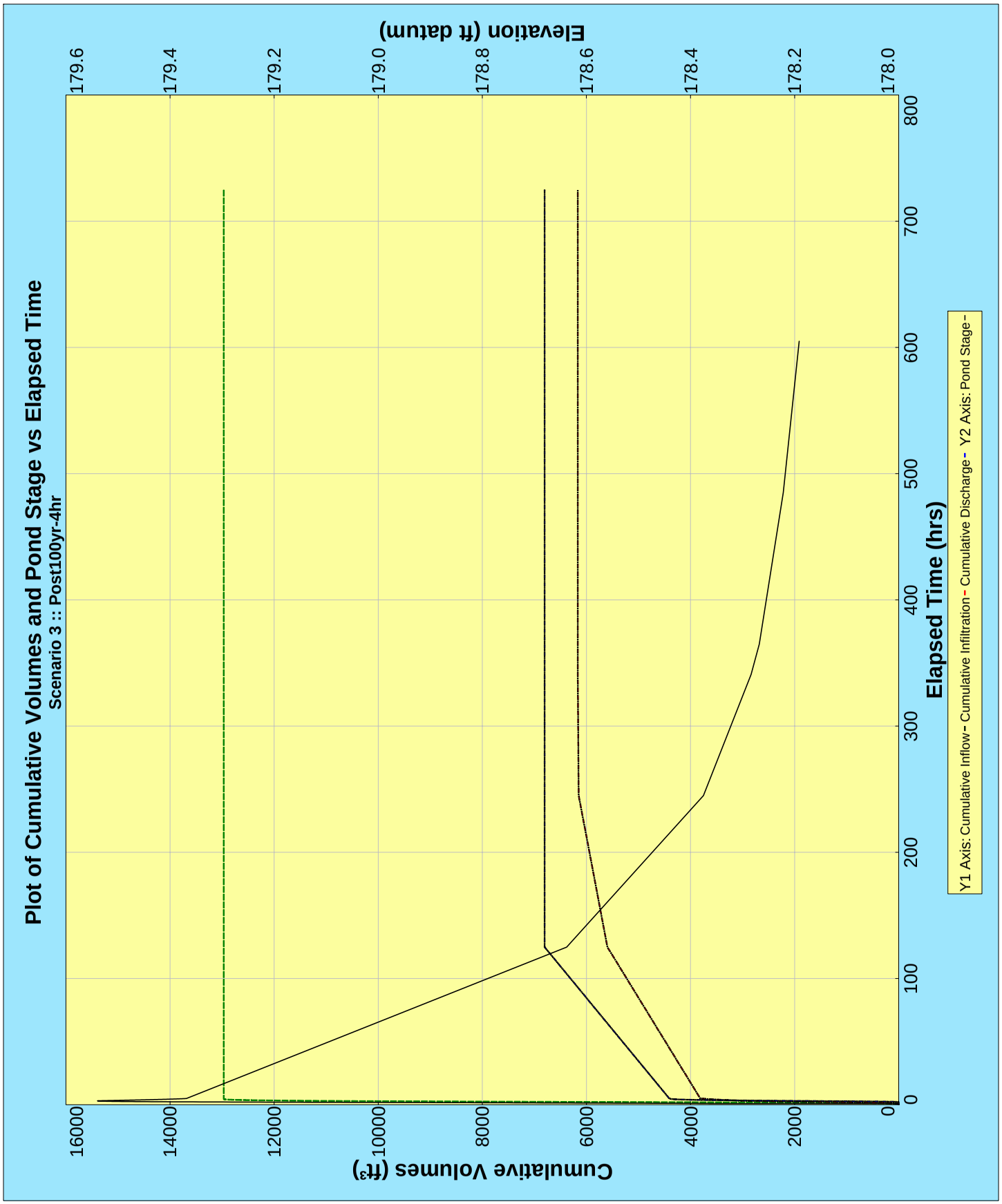
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	2	179.544	4.244	Post 100yr-8hr
2	3	179.539	3.067	Post100yr-4hr
3	1	179.494	12.111	Post100yr-24hr
4	5	179.491	1.044	Post 100yr-1hr
5	6	179.475	59.978	Post 100yr-3d
6	8	179.470	184.000	Post 100yr-10d
7	4	179.468	1.467	Post100yr-2hr
8	7	179.451	159.933	Post 100yr-7d
9	9	179.322	0.002	Treatment volume

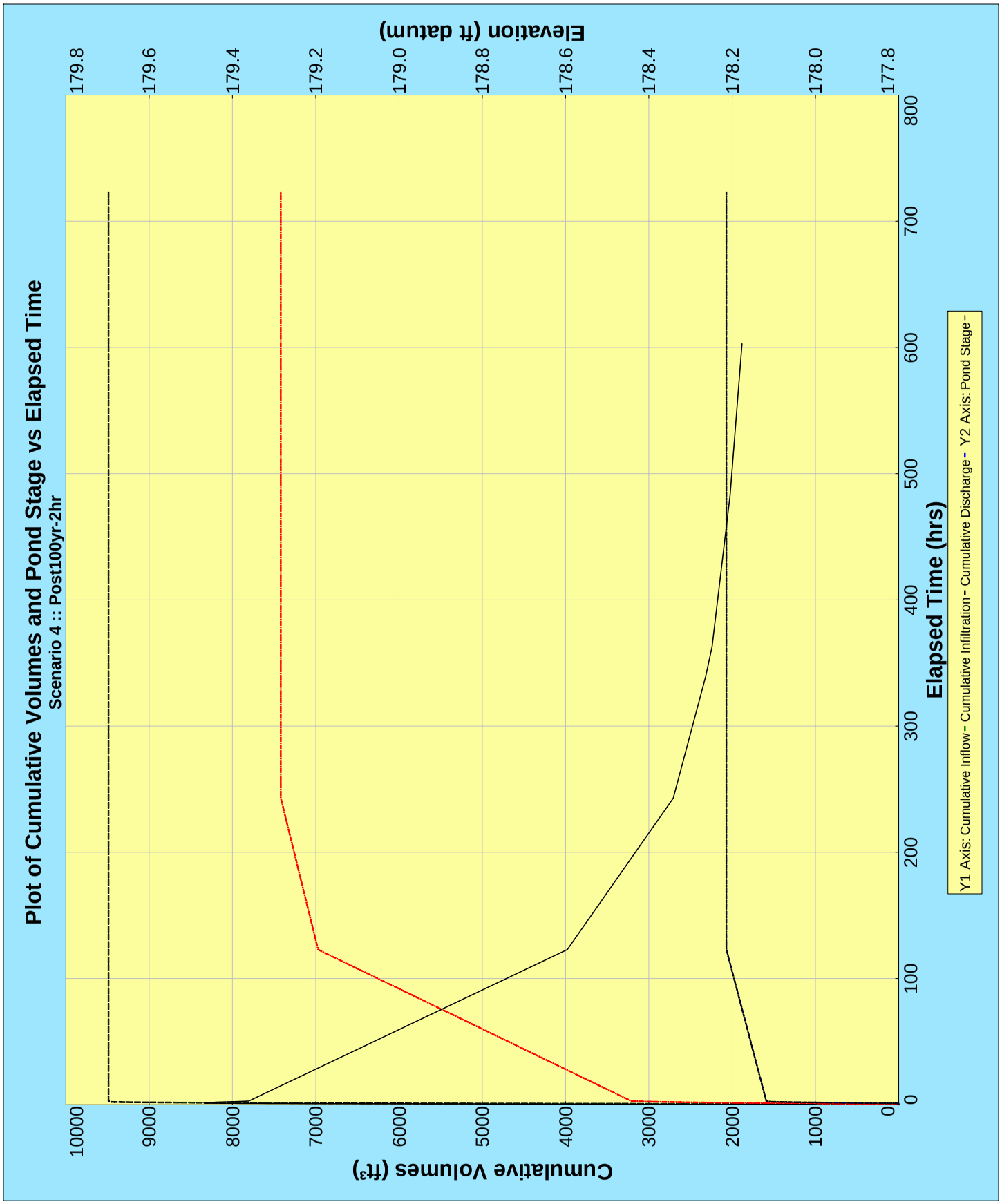
Discharge - Rate - Maximum Positive

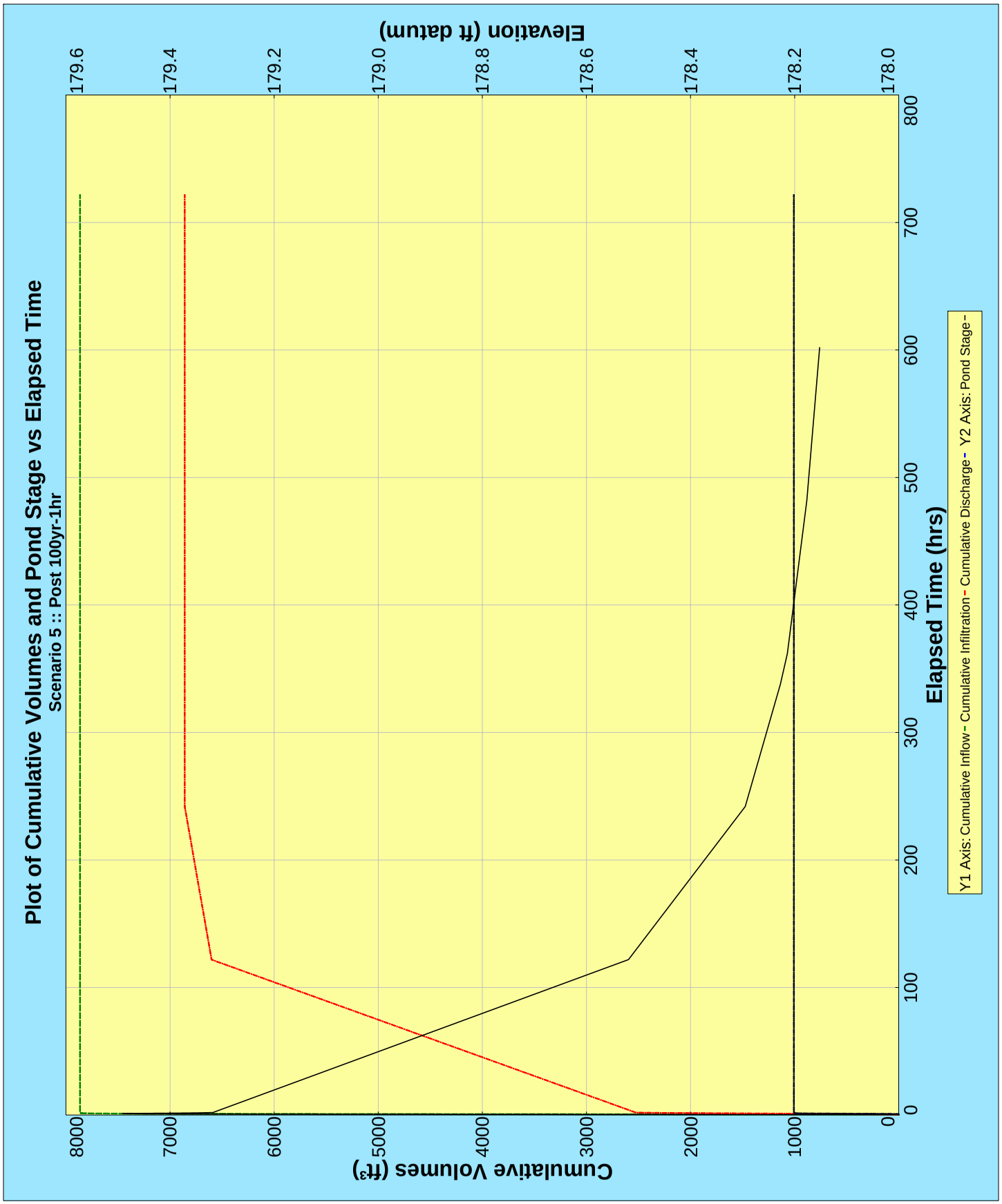
Rank	Scenario Number	Maximum Positive Discharge Rate (ft^3/s)	Time (hours)	Description
1	2	1.0468	4.244	Post 100yr-8hr
2	3	1.0041	3.067	Post100yr-4hr
3	5	0.6790	1.044	Post 100yr-1hr
4	1	0.6542	12.111	Post100yr-24hr
5	6	0.5223	60.000	Post 100yr-3d
6	4	0.5108	1.467	Post100yr-2hr
7	8	0.4874	184.000	Post 100yr-10d
8	7	0.3682	160.000	Post 100yr-7d
9	9	None	N.A.	Treatment volume

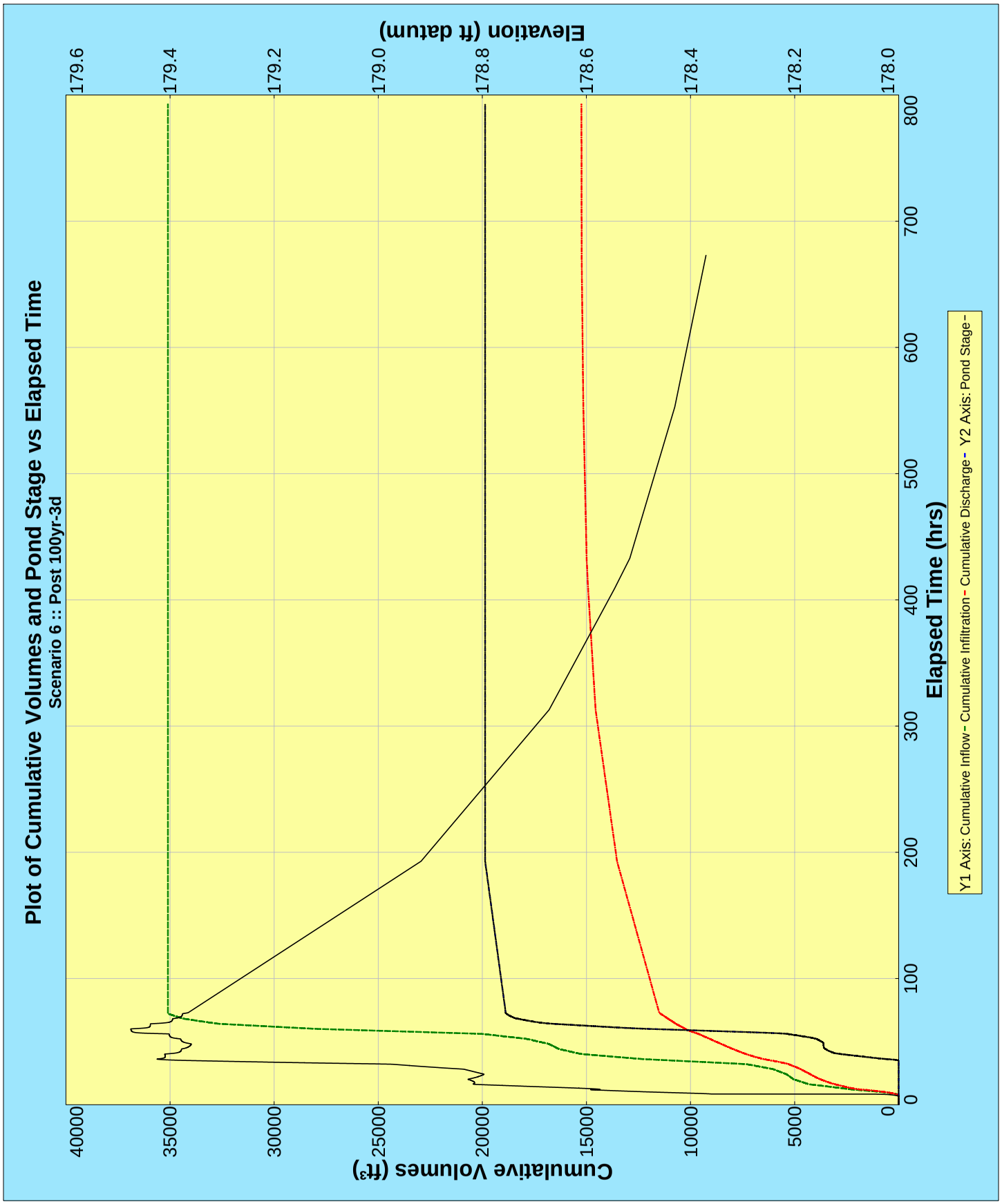

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 1 :: Post100yr-24hr
Elevation (ft datum)
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
Cumulative Volumes (ft³)
35000
30000
25000
20000
15000
10000
5000
0
-5000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

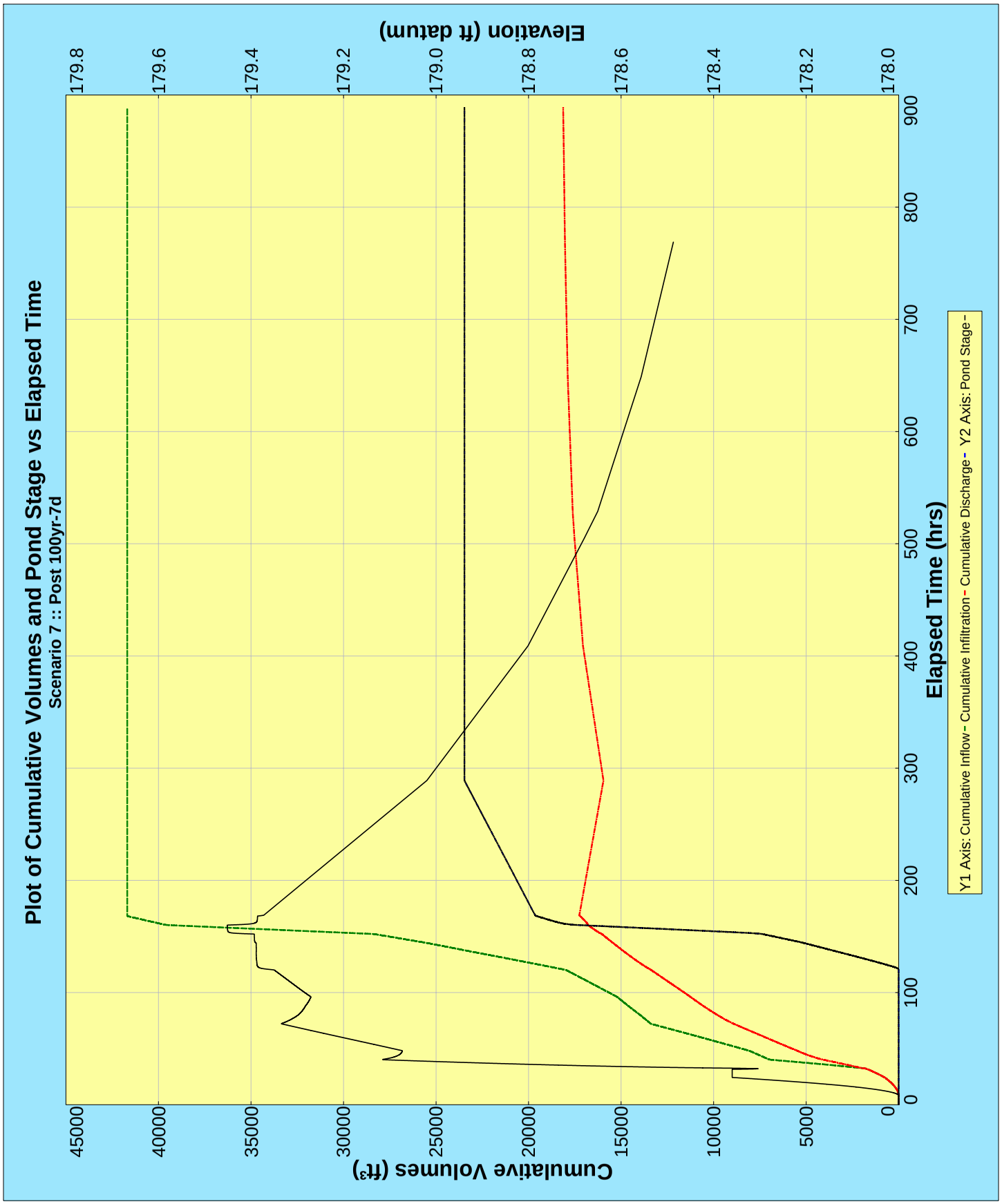

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 2 :: Post 100yr-8hr
Elapsed Time (hrs)
Cumulative Volumes (ft³)
Elevation (ft datum)
0
100
200
300
400
500
600
700
800
2000
4000
6000
8000
10000
12000
14000
16000
18000
178.0
178.2
178.4
178.6
178.8
179.0
179.2
179.4
179.6
179.8
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

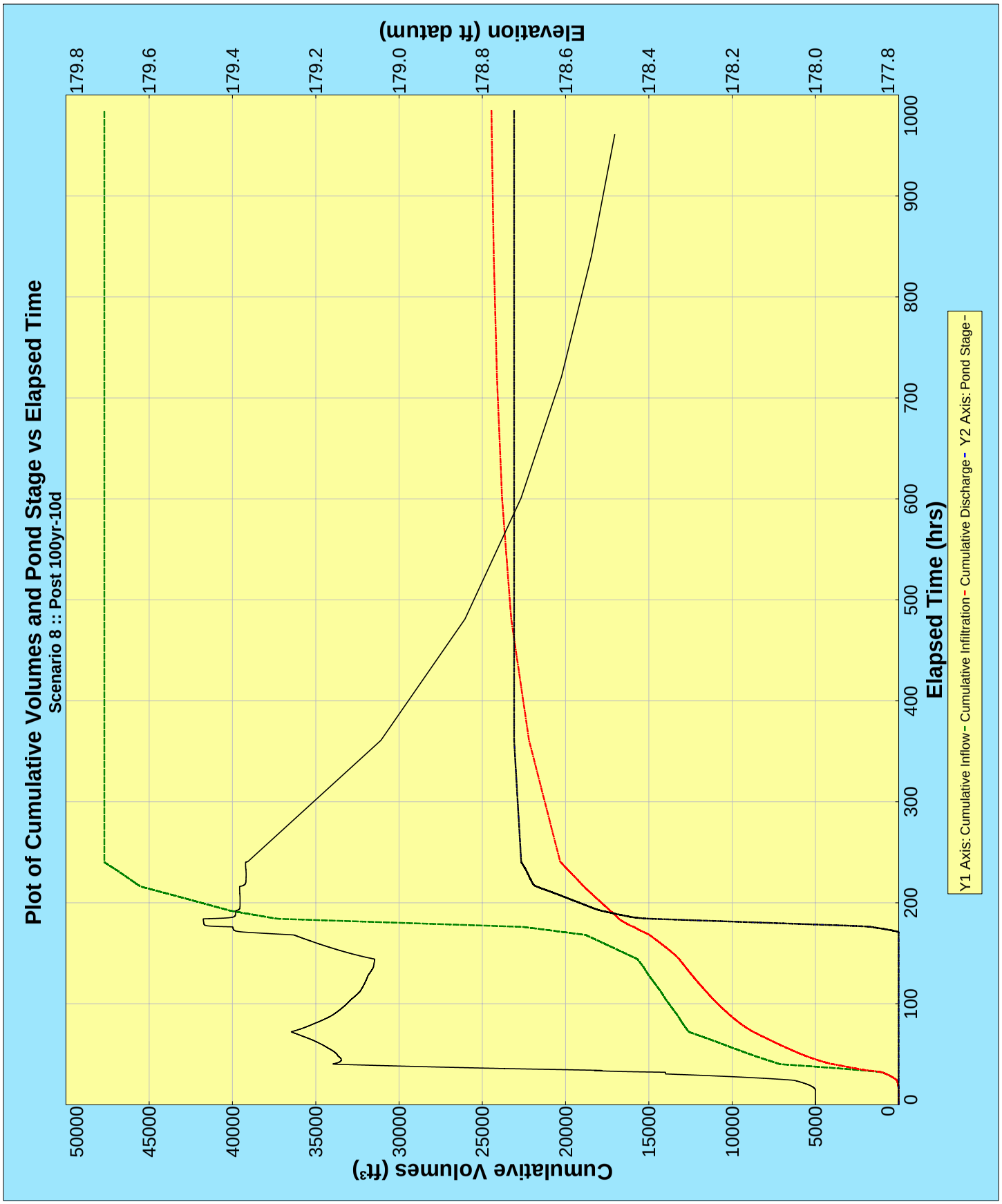

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 3 :: Post100yr-4hr
Elevation (ft datum)
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
Cumulative Volumes (ft³)
16000
14000
12000
10000
8000
6000
4000
2000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

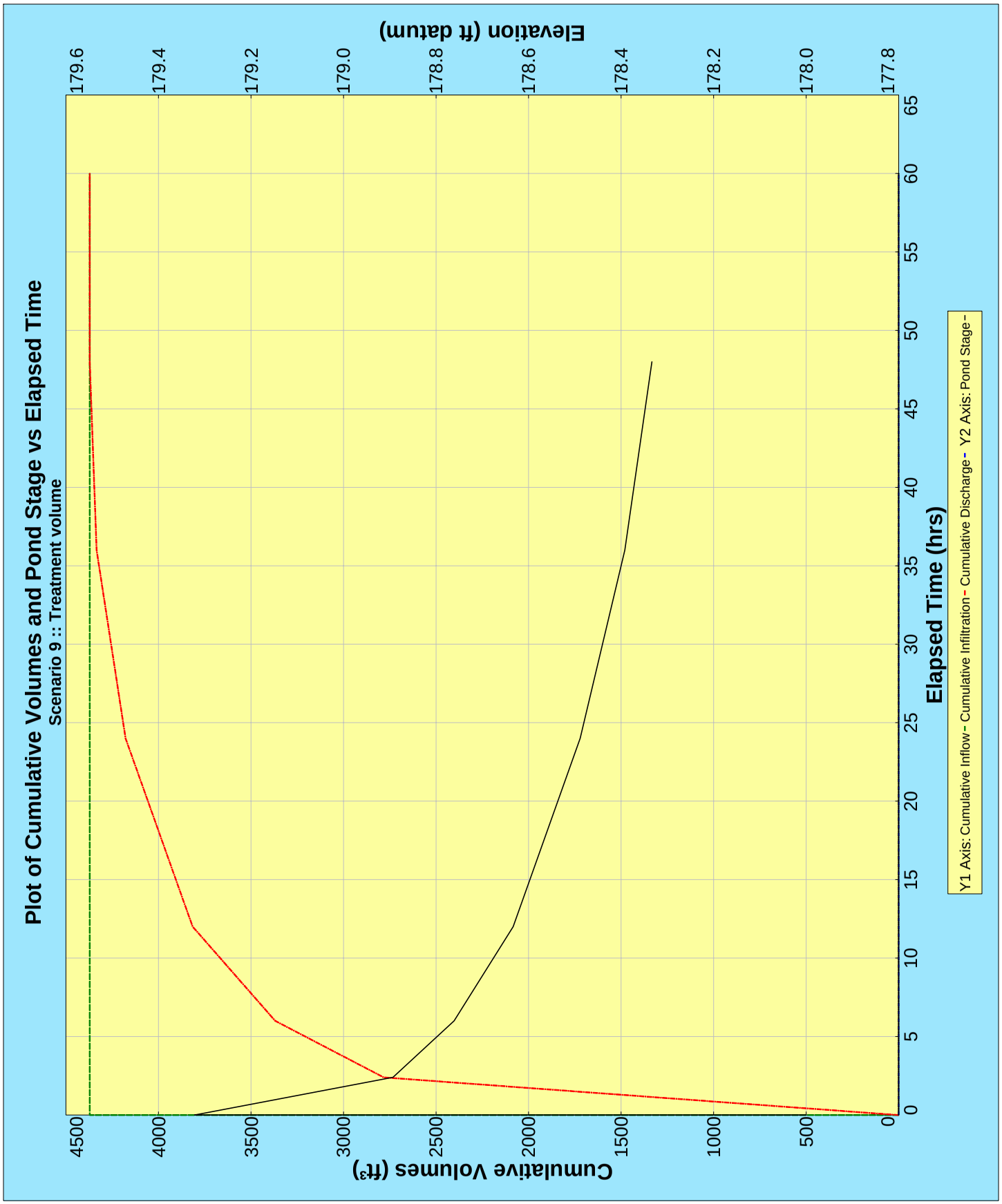

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 4 :: Post100yr-2hr
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -
0
1000
2000
3000
4000
5000
6000
7000
8000
9000
10000
177.8
178.0
178.2
178.4
178.6
178.8
179.0
179.2
179.4
179.6
179.8
0
100
200
300
400
500
600
700
800


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 5 :: Post 100yr-1hr
Elevation (ft datum)
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
Cumulative Volumes (ft³)
8000
7000
6000
5000
4000
3000
2000
1000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 6 :: Post 100yr-3d
Elevation (ft datum)
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
Cumulative Volumes (ft³)
40000
35000
30000
25000
20000
15000
10000
5000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 7 :: Post 100yr-7d
Elevation (ft datum)
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
Cumulative Volumes (ft³)
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 8 :: Post 100yr-10d
Elevation (ft datum)
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
Cumulative Volumes (ft³)
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
1000
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 9 :: Treatment volume
Elevation (ft datum)
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
Cumulative Volumes (ft³)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Elapsed Time (hrs)
0
5
10
15
20
25
30
35
40
45
50
55
60
65
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

PONDS Version 3.3.0229
Retention Pond Recovery - Refined Method
Copyright 2008
Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	GREC - Switch Yard
Simulation Description:	Dry Retention Basin
Project Number:	
Engineer :	Claudia S. Vega
Supervising Engineer:	Claudia S. Vega
Date:	09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	173.50
Water Table Elevation, [WT] (ft datum):	175.00
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	11.00
Fillable Porosity, [n] (%):	25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	15012.0

Geometry Data

Equivalent Pond Length, [L] (ft):	275.0
Equivalent Pond Width, [W] (ft):	55.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
176.50	13174.0
177.00	14399.0
177.50	15624.0
178.00	16849.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	177.50
Weir coefficient:	2.861
Weir length, (ft):	1.0
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 1 :: Post 100yr-24hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	1.331
Time Of Concentration (minutes)	14.0
DCIA (%)	0.0
Curve Number	84.4
Design Rainfall Depth (inches)	11.0
Design Rainfall Duration (hours)	24.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 24 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
1.000	15.000
5.000	20.000
10.000	25.000
12.000	30.000
14.000	

Scenario 2 :: Post 100yr-8hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	1.331
Time Of Concentration (minutes)	14.0
DCIA (%)	0.0
Curve Number	84.4
Design Rainfall Depth (inches)	7.5
Design Rainfall Duration (hours)	8.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 8 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	1.331
Time Of Concentration (minutes)	14.0
DCIA (%)	0.0
Curve Number	84.4
Design Rainfall Depth (inches)	6.3
Design Rainfall Duration (hours)	4.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 4 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	1.331
Time Of Concentration (minutes)	14.0
DCIA (%)	0.0
Curve Number	84.4
Design Rainfall Depth (inches)	5.0
Design Rainfall Duration (hours)	2.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 2 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	1.331
Time Of Concentration (minutes)	14.0
DCIA (%)	0.0
Curve Number	84.4
Design Rainfall Depth (inches)	4.4
Design Rainfall Duration (hours)	1.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 1 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	1.331
Time Of Concentration (minutes)	14.0
DCIA (%)	0.0
Curve Number	84.4
Design Rainfall Depth (inches)	13.8
Design Rainfall Duration (hours)	72.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 72 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	1.331
Time Of Concentration (minutes)	14.0
DCIA (%)	0.0
Curve Number	84.4
Design Rainfall Depth (inches)	16.0
Design Rainfall Duration (hours)	168.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 168 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	1.331
Time Of Concentration (minutes)	14.0
DCIA (%)	0.0
Curve Number	84.4
Design Rainfall Depth (inches)	18.0
Design Rainfall Duration (hours)	240.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 240 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
8.000	25.000
10.000	30.000
14.000	
15.000	

Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft^3) 9666

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

Sort-By-Category Report

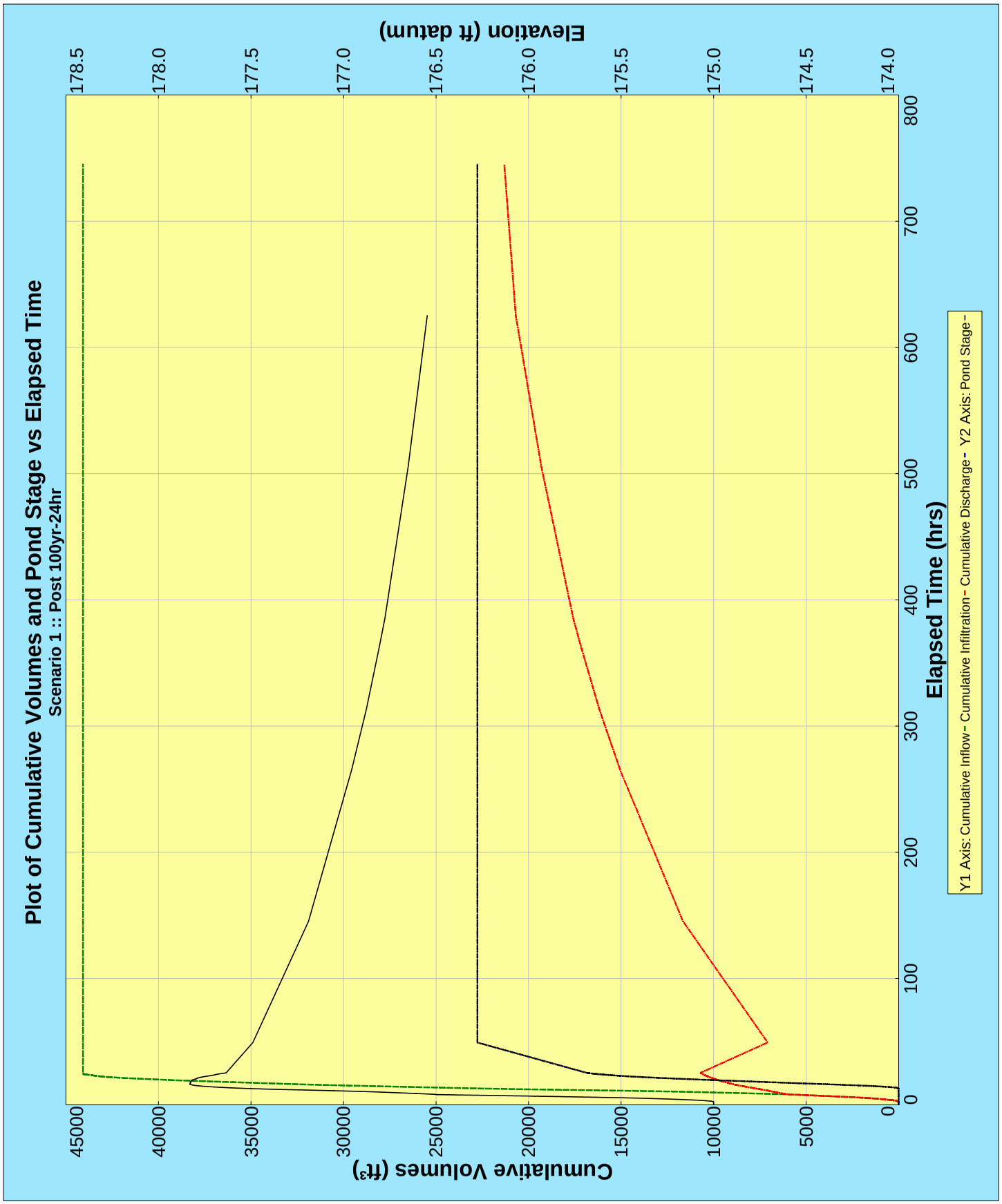
Scenarios Considered: 1 to 9

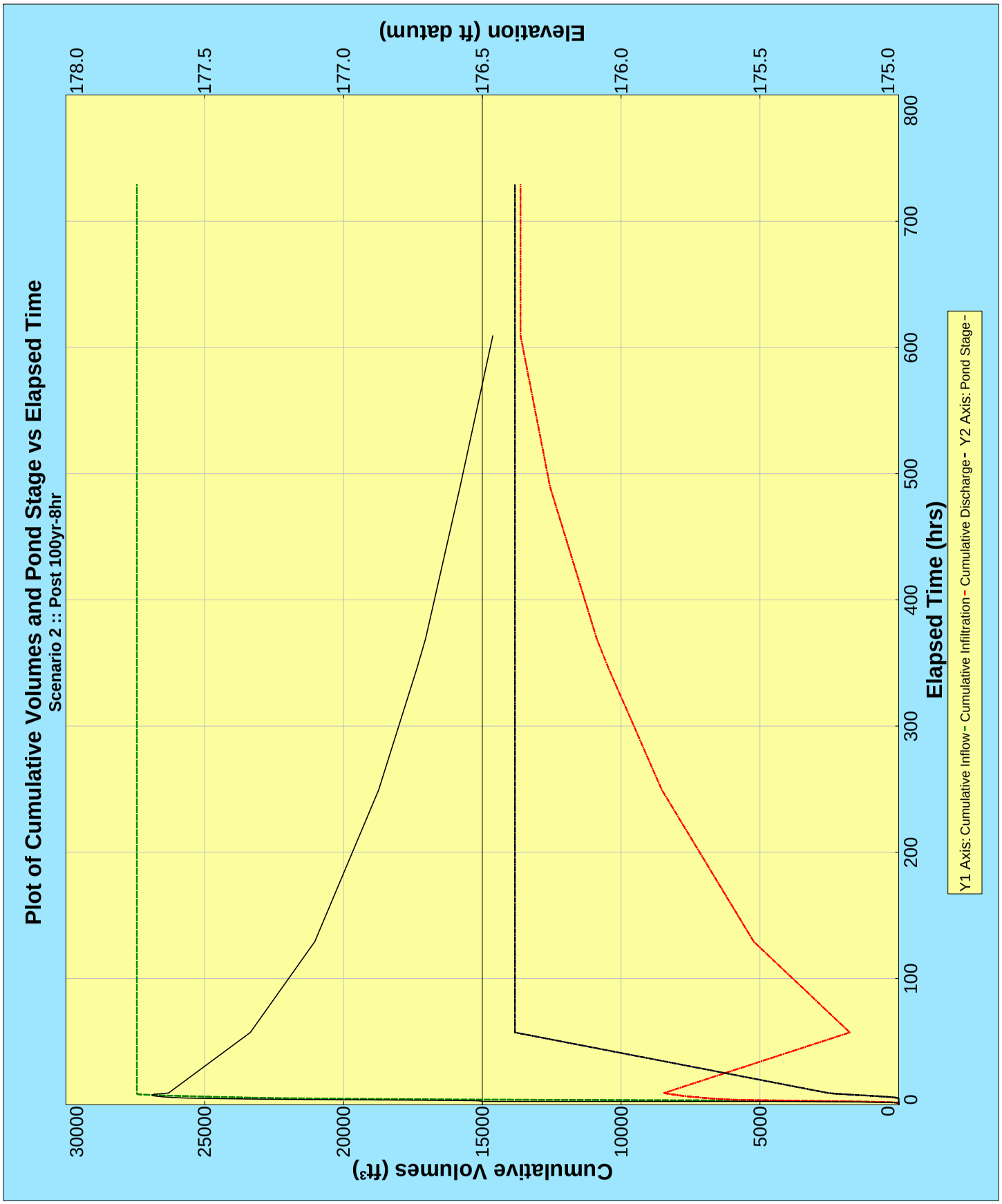
Stage - Maximum

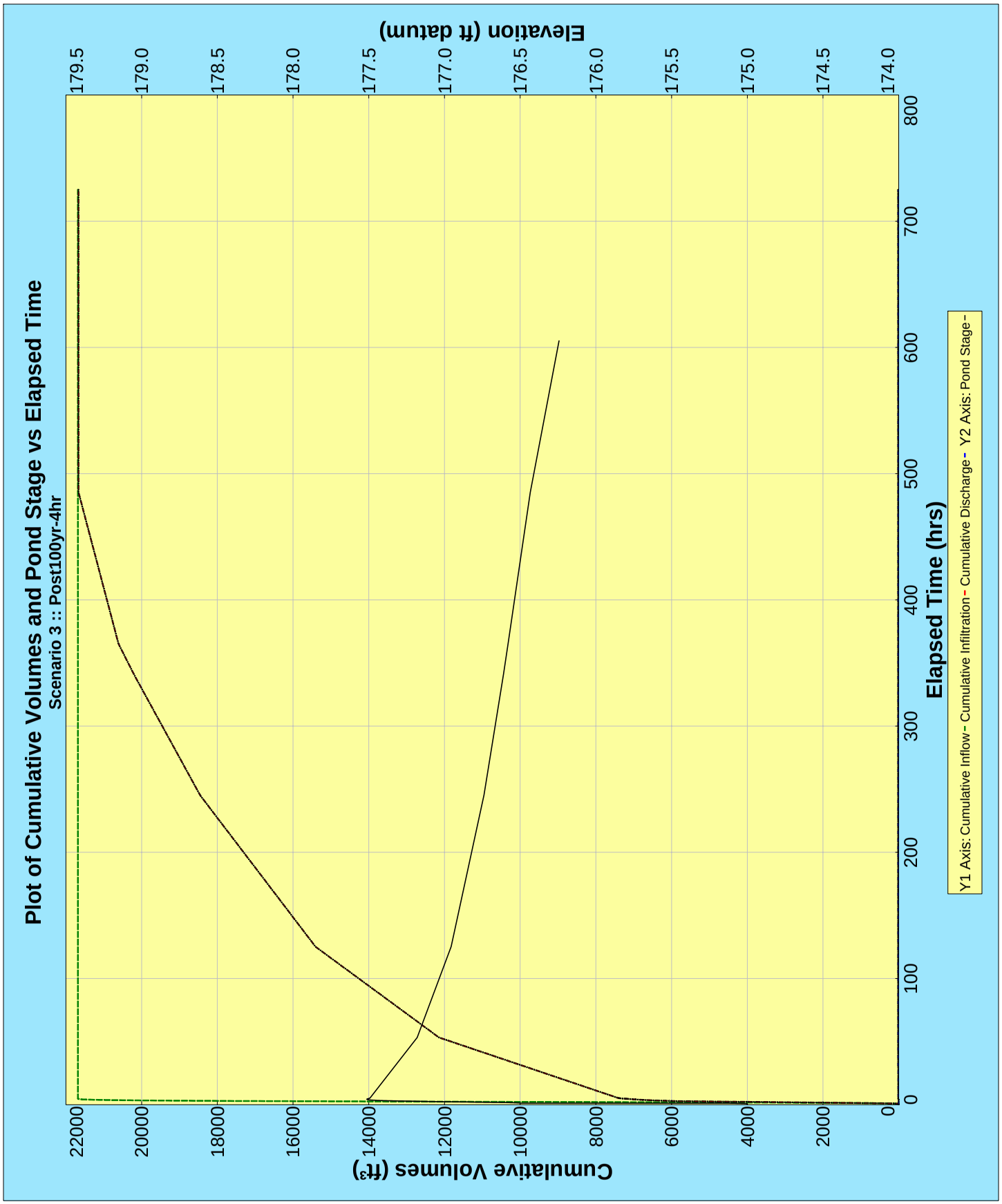
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	8	177.927	184.053	Post 100yr-10d
2	6	177.917	60.138	Post 100yr-3d
3	7	177.853	160.036	Post 100yr-7d
4	1	177.831	16.396	Post 100yr-24hr
5	2	177.688	7.436	Post 100yr-8hr
6	3	177.513	4.262	Post100yr-4hr
7	4	177.201	2.302	Post100yr-2hr
8	9	177.189	0.002	Treatment volume
9	5	177.185	1.307	Post 100yr-1hr

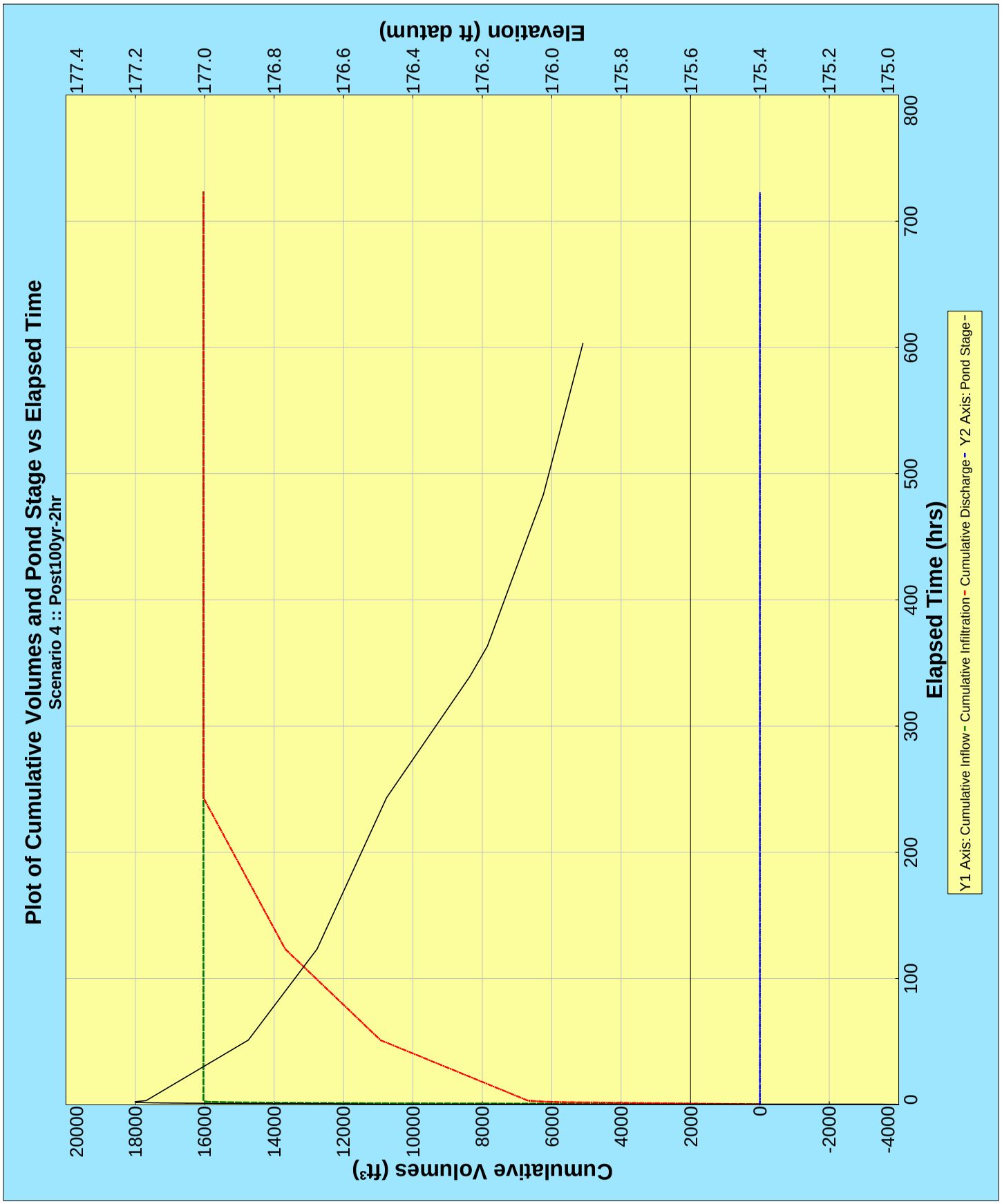
Discharge - Rate - Maximum Positive

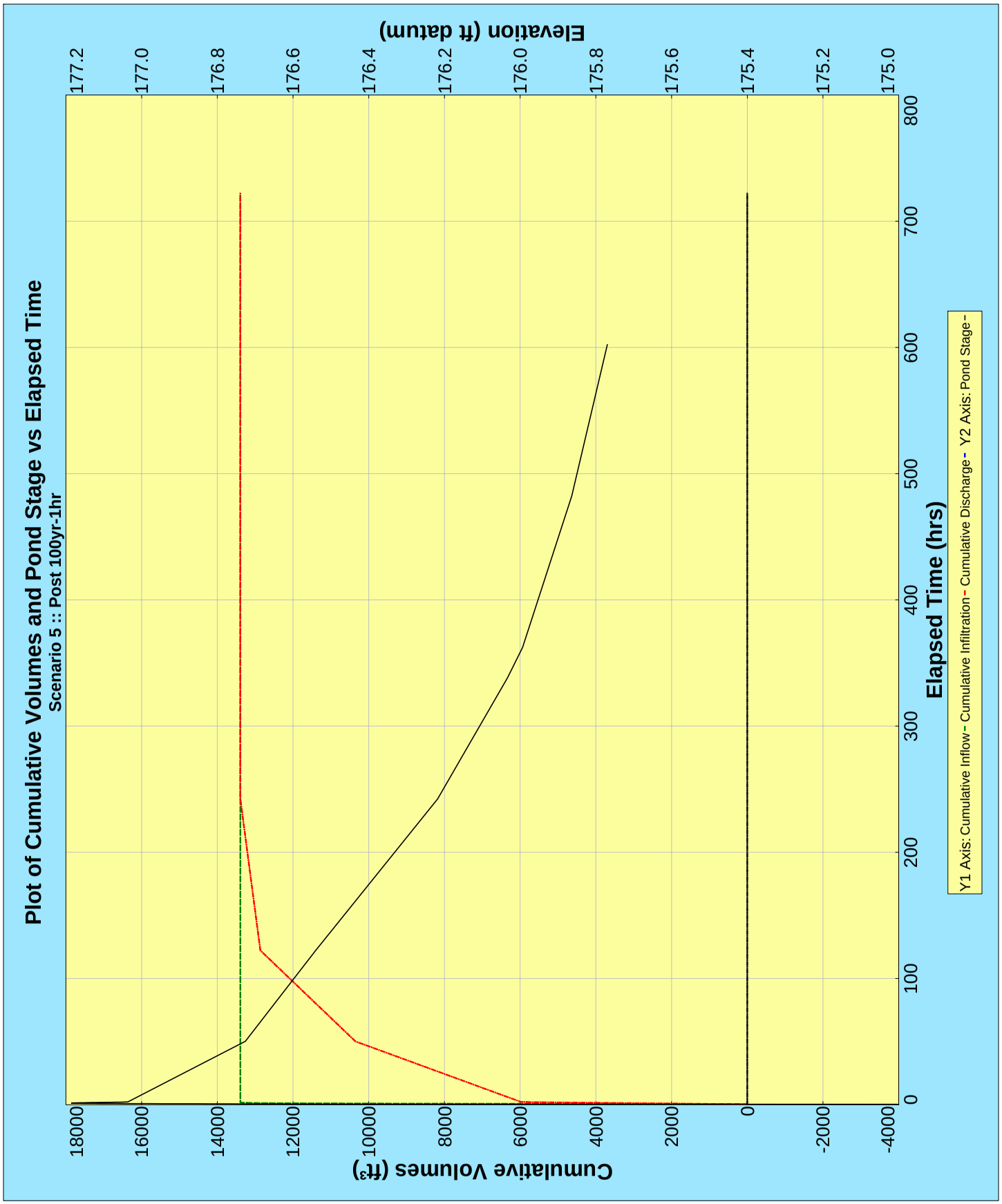
Rank	Scenario Number	Maximum Positive Discharge Rate (ft^3/s)	Time (hours)	Description
1	8	0.7789	184.053	Post 100yr-10d
2	6	0.7522	60.138	Post 100yr-3d
3	7	0.5865	160.036	Post 100yr-7d
4	1	0.5297	16.396	Post 100yr-24hr
5	2	0.2265	7.436	Post 100yr-8hr
6	3	0.0044	4.262	Post100yr-4hr
7	4	None	N.A.	Post100yr-2hr
8	5	None	N.A.	Post 100yr-1hr
9	9	None	N.A.	Treatment volume

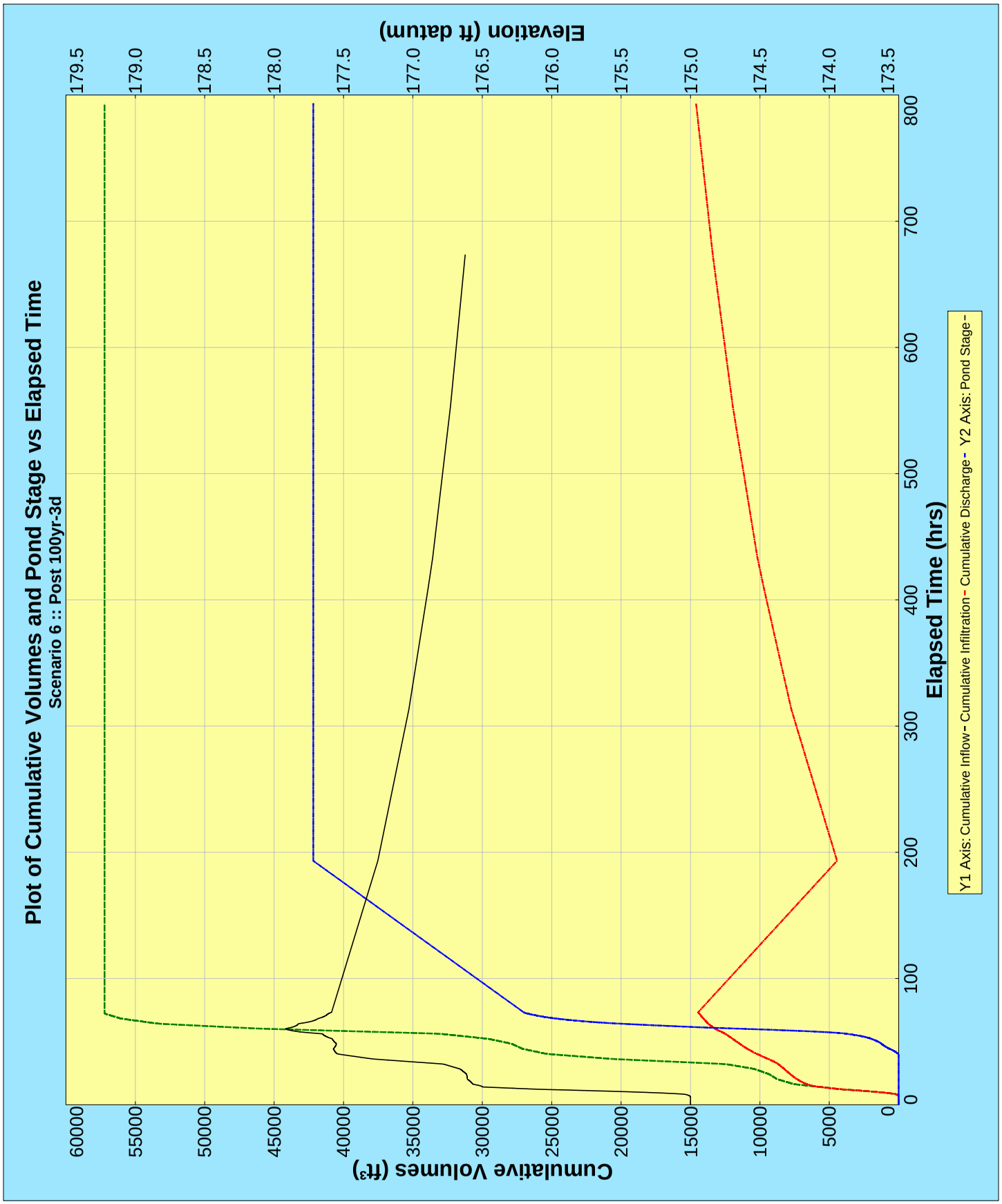

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 1 :: Post 100yr-24hr
Elevation (ft datum)
178.5
178.0
177.5
177.0
176.5
176.0
175.5
175.0
174.5
174.0
Cumulative Volumes (ft³)
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 2 :: Post 100yr-8hr
Elevation (ft datum)
178.0
177.5
177.0
176.5
176.0
175.5
175.0
Cumulative Volumes (ft³)
30000
25000
20000
15000
10000
5000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

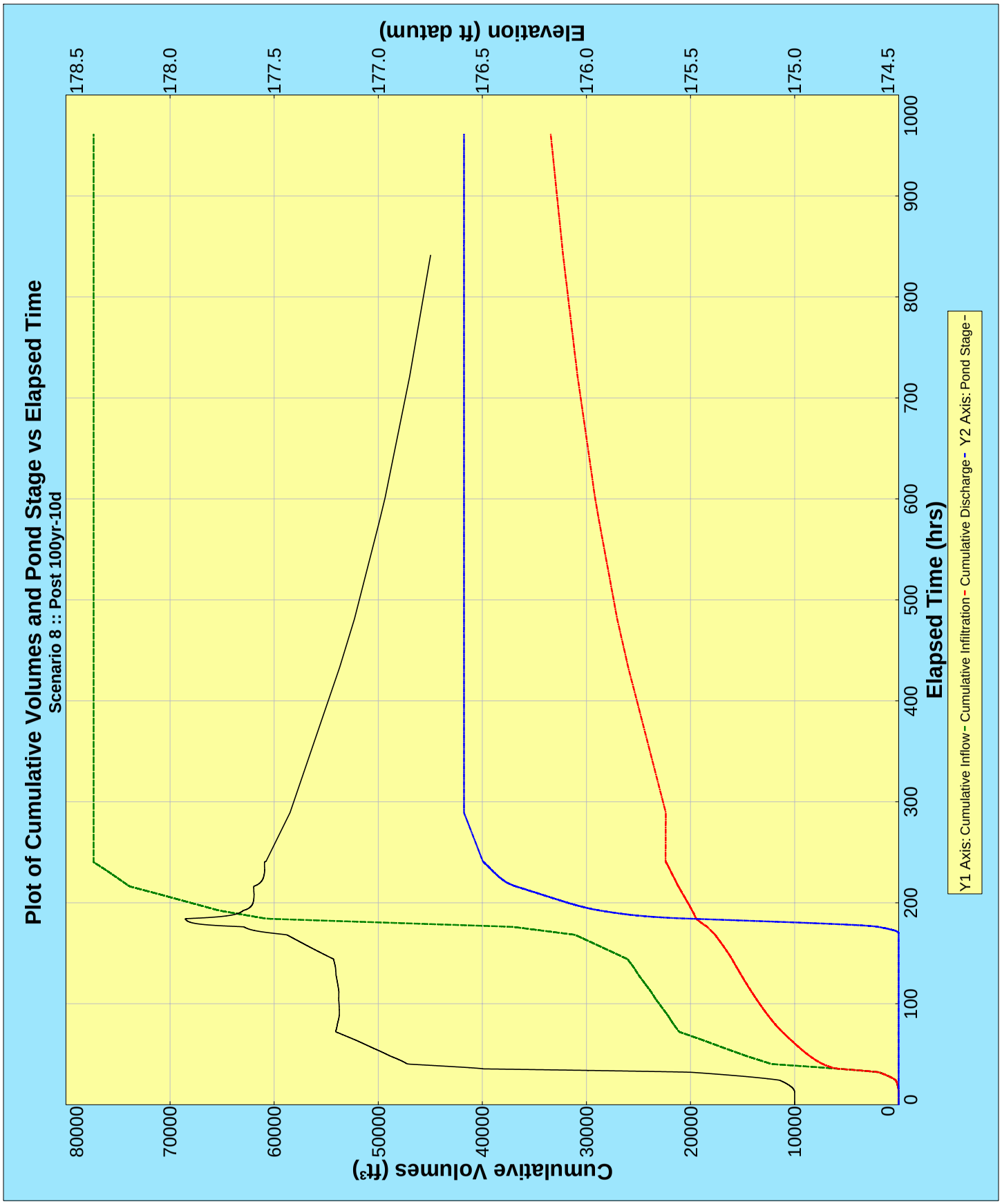

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 3 :: Post100yr-4hr
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
22000
174.0
174.5
175.0
175.5
176.0
176.5
177.0
177.5
178.0
178.5
179.0
179.5
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

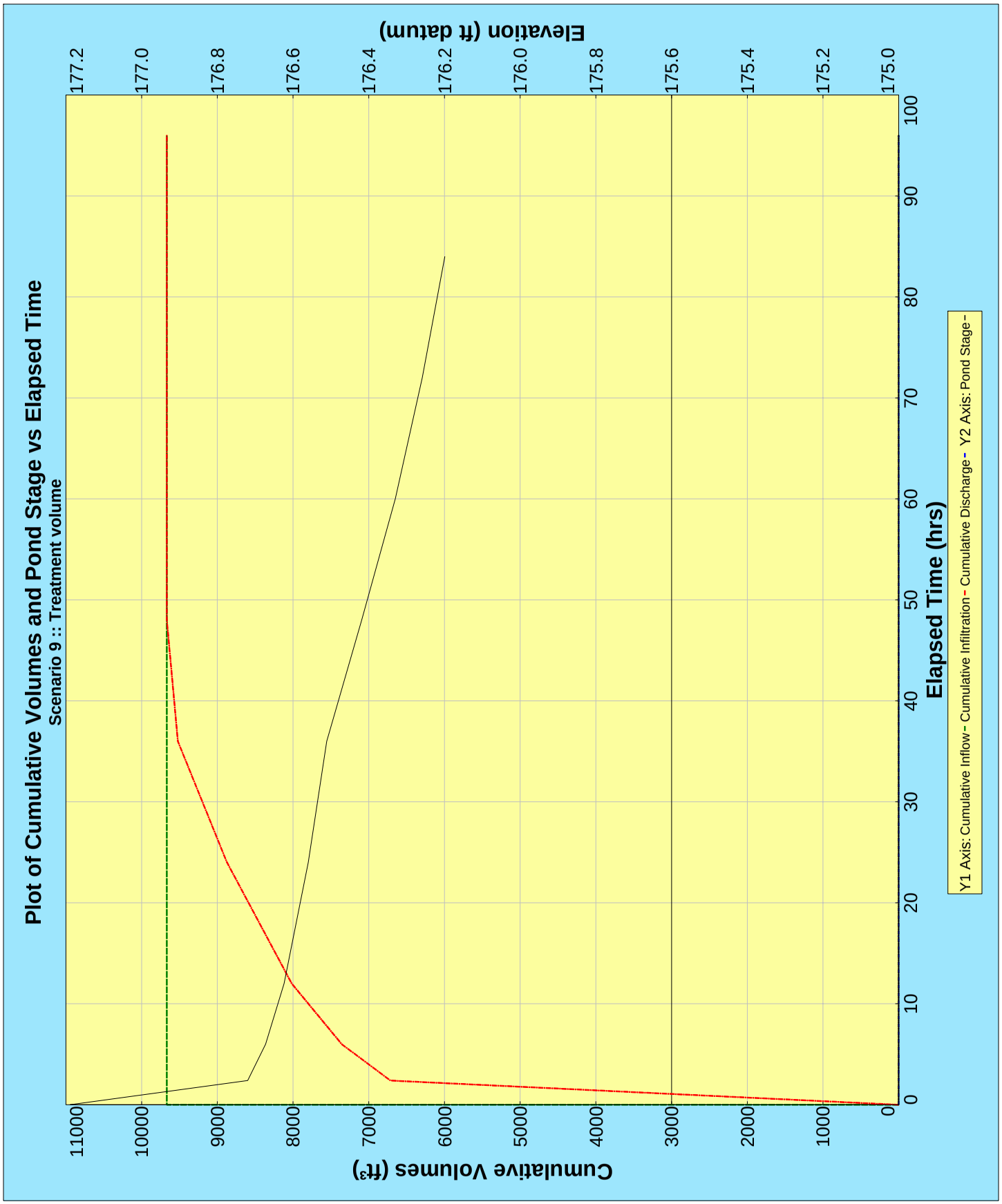

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 4 :: Post100yr-2hr
Elevation (ft datum)
177.4
177.2
177.0
176.8
176.6
176.4
176.2
176.0
175.8
175.6
175.4
175.2
175.0
Cumulative Volumes (ft³)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
-2000
-4000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 5 :: Post 100yr-1hr
Elevation (ft datum)
177.2
177.0
176.8
176.6
176.4
176.2
176.0
175.8
175.6
175.4
175.2
175.0
Cumulative Volumes (ft³)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
-2000
-4000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 6 :: Post 100yr-3d
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -
0
5000
10000
15000
20000
25000
30000
35000
40000
45000
50000
55000
60000
173.5
174.0
174.5
175.0
175.5
176.0
176.5
177.0
177.5
178.0
178.5
179.0
179.5
0
100
200
300
400
500
600
700
800

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 7 :: Post 100yr-7d
Elevation (ft datum)
178.5
178.0
177.5
177.0
176.5
176.0
175.5
175.0
Cumulative Volumes (ft³)
70000
60000
50000
40000
30000
20000
10000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 8 :: Post 100yr-10d
Elevation (ft datum)
178.5
178.0
177.5
177.0
176.5
176.0
175.5
175.0
174.5
Cumulative Volumes (ft³)
80000
70000
60000
50000
40000
30000
20000
10000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
1000
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 9 :: Treatment volume
Elevation (ft datum)
177.2
177.0
176.8
176.6
176.4
176.2
176.0
175.8
175.6
175.4
175.2
175.0
Cumulative Volumes (ft³)
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Elapsed Time (hrs)
0
10
20
30
40
50
60
70
80
90
100
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

==========
==== Basins ==========
==========

Name: Area312 Node: Node312 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 10.00
Area(ac): 0.482 Time Shift(hrs): 0.00
Curve Number: 89.90 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area314 Node: Node314 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 10.00
Area(ac): 0.771 Time Shift(hrs): 0.00
Curve Number: 89.90 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area318 Node: Node318 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 10.00
Area(ac): 0.225 Time Shift(hrs): 0.00
Curve Number: 89.90 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area319 Node: POST-WET-C Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 42.00
Area(ac): 8.039 Time Shift(hrs): 0.00
Curve Number: 68.20 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Area32 Node: WET-C Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh323 Peaking Factor: 323.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 18.000 Time of Conc(min): 18.00
Area(ac): 9.897 Time Shift(hrs): 0.00
Curve Number: 66.60 Max Allowable Q(cfs): 999999.000

DCIA(%): 0.00

==========
==== Nodes ==========
==========

Name: bdry-32 Base Flow(cfs): 0.000 Init Stage(ft): 172.000
Group: BASE Warn Stage(ft): 174.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	172.000
360.00	174.000

Name: bdry-4 Base Flow(cfs): 0.000 Init Stage(ft): 172.000
Group: BASE Warn Stage(ft): 174.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	172.000
360.00	174.000

Name: Node312 Base Flow(cfs): 0.000 Init Stage(ft): 179.160
Group: BASE Warn Stage(ft): 181.160
Type: Stage/Area

Stage(ft)	Area(ac)
179.160	0.0140
180.000	0.0950
181.000	0.1910
181.160	0.2070

Name: Node314 Base Flow(cfs): 0.000 Init Stage(ft): 178.550
Group: BASE Warn Stage(ft): 180.550
Type: Stage/Area

Stage(ft)	Area(ac)
178.550	0.0220
179.000	0.0910
180.000	0.2460
180.550	0.3310

Name: Node318 Base Flow(cfs): 0.000 Init Stage(ft): 179.260
Group: BASE Warn Stage(ft): 181.260
Type: Stage/Area

Stage(ft)	Area(ac)
179.260	0.0060
180.000	0.0400
181.000	0.0850
181.260	0.0960

Name: POST-WET-C Base Flow(cfs): 0.000 Init Stage(ft): 173.500
Group: BASE Warn Stage(ft): 175.450
Type: Stage/Area

Stage(ft)	Area(ac)
173.500	0.7370
174.000	1.1430
175.000	2.2910
175.450	2.7670

Name: WET-C Base Flow(cfs): 0.000 Init Stage(ft): 173.500
Group: BASE Warn Stage(ft): 175.450
Type: Stage/Area

Stage(ft)	Area(ac)
173.500	0.7370
174.000	1.1430
175.000	2.2910
175.450	2.7670

Operating Tables

Name: Group: BASE
Type: Bottom Clip
Function: Time vs. Depth of Clip

Time(hrs)	Clip Depth(in)

Pipes

Name: Pipe319 From Node: POST-WET-C Length(ft): 25.00
Group: BASE To Node: bdry-4 Count: 1
Friction Equation: Automatic
Solution Algorithm: Automatic
Flow: Both
Entrance Loss Coef: 0.00
Exit Loss Coef: 1.00
Bend Loss Coef: 0.00
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	12.00	12.00
Rise(in):	12.00	12.00
Invert(ft):	173.190	172.750
Manning's N:	0.009000	0.009000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	Pipe32	From Node:	WET-C	Length(ft):	25.00
Group:	BASE	To Node:	bdry-32	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Automatic
Geometry:	Circular	Circular		Flow:	Both
Span(in):	12.00	12.00	Entrance Loss Coef:		0.00
Rise(in):	12.00	12.00	Exit Loss Coef:		1.00
Invert(ft):	173.190	172.750	Bend Loss Coef:		0.00
Manning's N:	0.009000	0.009000	Outlet Ctrl Spec:		Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:		Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:		None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Weirs

Name:	weir-312	From Node:	Node312		
Group:	BASE	To Node:	POST-WET-C		
Flow:	Positive	Count:	1		
Type:	Vertical: Fread	Geometry:	Rectangular		
Span(in):	60.00				
Rise(in):	12.00				
Invert(ft):	180.210				
Control Elevation(ft):	180.210				
			TABLE		
Bottom Clip(in):	0.000				
Top Clip(in):	0.000				
Weir Discharge Coef:	3.200				
Orifice Discharge Coef:	0.600				

Name:	weir-314	From Node:	Node314		
Group:	BASE	To Node:	POST-WET-C		
Flow:	Positive	Count:	1		
Type:	Vertical: Fread	Geometry:	Rectangular		
Span(in):	60.00				
Rise(in):	12.00				
Invert(ft):	179.620				
Control Elevation(ft):	179.620				
			TABLE		

```
            Bottom Clip(in): 0.000
               Top Clip(in): 0.000
          Weir Discharge Coef: 3.200
        Orifice Discharge Coef: 0.600


-------------------------------------------------------------------------------------------------
         Name: Weir318             From Node: Node318
        Group: BASE                  To Node: POST-WET-C
         Flow: Positive                Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 60.00
                    Rise(in): 12.00
                  Invert(ft): 180.320
       Control Elevation(ft): 180.320
                                        TABLE
            Bottom Clip(in): 0.000
               Top Clip(in): 0.000
          Weir Discharge Coef: 3.200
        Orifice Discharge Coef: 0.600


-------------------------------------------------------------------------------------------------
         Name: Weir319             From Node: POST-WET-C
        Group: BASE                  To Node: bdry-4
         Flow: Both                    Count: 1
         Type: Vertical: Gravel     Geometry: Parabolic

               Top Width(ft): 93.00
          Corres Depth(ft): 0.40
                  Invert(ft): 175.000
       Control Elevation(ft): 175.000
      Struct Opening Dim(ft): 9999.00
                                        TABLE
            Bottom Clip(ft): 0.000
               Top Clip(ft): 0.000
          Weir Discharge Coef: 3.200
        Orifice Discharge Coef: 0.600


-------------------------------------------------------------------------------------------------
         Name: Weir32              From Node: WET-C
        Group: BASE                  To Node: bdry-32
         Flow: Both                    Count: 1
         Type: Vertical: Gravel     Geometry: Parabolic

               Top Width(ft): 93.00
          Corres Depth(ft): 0.40
                  Invert(ft): 175.000
       Control Elevation(ft): 175.000
      Struct Opening Dim(ft): 9999.00
                                        TABLE
            Bottom Clip(ft): 0.000
               Top Clip(ft): 0.000
          Weir Discharge Coef: 3.200
        Orifice Discharge Coef: 0.600


=================================================================================================
==== Hydrology Simulations ======================================================================
```

==========

Name: 100yr-10d
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-10d.R32

Override Defaults: Yes
Storm Duration(hrs): 240.00
Rainfall File: Fdot-240
Rainfall Amount(in): 18.00

Time(hrs)	Print Inc(min)
960.000	30.00

Name: 100yr-1hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-1hr.R32

Override Defaults: Yes
Storm Duration(hrs): 1.00
Rainfall File: Fdot-1
Rainfall Amount(in): 4.40

Time(hrs)	Print Inc(min)
720.000	30.00

Name: 100yr-24hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-24hr.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 11.04

Time(hrs)	Print Inc(min)
744.000	30.00

Name: 100yr-2hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-2hr.R32

Override Defaults: Yes
Storm Duration(hrs): 2.00
Rainfall File: Fdot-2
Rainfall Amount(in): 5.00

Time(hrs)	Print Inc(min)
720.000	30.00

Name: 100yr-3d
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-3d.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: Fdot-72
Rainfall Amount(in): 13.80

Time(hrs)	Print Inc(min)
792.000	30.00

```
------------------------------------------------------------------------------------------------------
         Name: 100yr-4hr
     Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-4hr.R32

      Override Defaults: Yes
    Storm Duration(hrs): 4.00
          Rainfall File: Fdot-4
    Rainfall Amount(in): 6.25

Time(hrs)       Print Inc(min)
--------------- ---------------
720.000         30.00

------------------------------------------------------------------------------------------------------
         Name: 100yr-7d
     Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-7d.R32

      Override Defaults: Yes
    Storm Duration(hrs): 168.00
          Rainfall File: Fdot-168
    Rainfall Amount(in): 16.00

Time(hrs)       Print Inc(min)
--------------- ---------------
888.000         30.00

------------------------------------------------------------------------------------------------------
         Name: 100yr-8hr
     Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-8hr.R32

      Override Defaults: Yes
    Storm Duration(hrs): 8.00
          Rainfall File: Fdot-8
    Rainfall Amount(in): 7.50

Time(hrs)       Print Inc(min)
--------------- ---------------
720.000         30.00

==========================================================================================
==== Routing Simulations ================================================================
==========================================================================================

         Name: 100yr-10d           Hydrology Sim: 100yr-10d
     Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-10d.I32

      Execute: Yes         Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.01000
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 960.00
     Min Calc Time(sec): 0.5000               Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows: Hyd-10d



Time(hrs)       Print Inc(min)
--------------- ---------------
960.000         30.000

Group           Run
--------------- -----
BASE            Yes
```

Name: 100yr-1hr Hydrology Sim: 100yr-1hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-1hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 720.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-1hr

Time(hrs)	Print Inc(min)
720.000	30.000

Group	Run
BASE	Yes

Name: 100yr-24hr Hydrology Sim: 100yr-24hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-24hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 744.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-24hr

Time(hrs)	Print Inc(min)
744.000	30.000

Group	Run
BASE	Yes

Name: 100yr-2hr Hydrology Sim: 100yr-2hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-2hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 720.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-2hr

Time(hrs)	Print Inc(min)
720.000	30.000

Group	Run
BASE	Yes

Name: 100yr-3d Hydrology Sim: 100yr-3d
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-3d.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 792.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-3d

Time(hrs)	Print Inc(min)
792.000	30.000

Group	Run
BASE	Yes

Name: 100yr-4hr Hydrology Sim: 100yr-4hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-4hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 720.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-4hr

Time(hrs)	Print Inc(min)
720.000	30.000

Group	Run
BASE	Yes

Name: 100yr-7d Hydrology Sim: 100yr-7d
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-7d.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000

Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 888.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-7d

Time(hrs)	Print Inc(min)
888.000	30.000

Group	Run
BASE	Yes

Name: 100yr-8hr Hydrology Sim: 100yr-8hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-8hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 720.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-8hr

Time(hrs)	Print Inc(min)
720.000	30.000

Group	Run
BASE	Yes

==========
==== Boundary Conditions ====
==========

Name: Hyd-1hr Node: Node312 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	-0.000
0.156	-0.000
0.178	-0.002
0.200	-0.008
0.222	-0.025
0.244	-0.039
0.267	-0.043
0.289	-0.048
0.311	-0.056
0.333	-0.066
0.356	-0.078

0.378	-0.092
0.400	-0.107
0.422	-0.124
0.444	-0.141
0.467	-0.158
0.489	-0.175
0.511	-0.193
0.533	-0.209
0.556	-0.226
0.578	-0.242
0.600	-0.257
0.622	-0.271
0.644	-0.285
0.667	-0.298
0.689	-0.305
0.711	-0.306
0.733	-0.306
0.756	-0.306
0.778	-0.306
0.800	-0.306
0.822	-0.306
0.844	-0.306
0.867	-0.306
0.889	-0.306
0.911	-0.306
0.933	-0.306
0.956	-0.306
0.978	-0.306
1.000	-0.306
1.022	-0.306
1.044	-0.306
1.067	-0.306
1.089	-0.306
1.111	-0.306
1.133	-0.306
1.156	-0.306
1.178	-0.306
1.200	-0.306
1.222	-0.306
1.244	-0.306
1.267	-0.306
1.289	-0.306
1.311	-0.306
1.333	-0.306
1.356	-0.306
1.378	-0.306
1.400	-0.306
1.422	-0.306
1.444	-0.306
1.467	-0.306
1.489	-0.306
1.511	-0.306
1.533	-0.306
1.556	-0.306
1.578	-0.306
1.600	-0.306
1.622	-0.306
1.644	-0.544
1.667	-0.734
1.689	-0.654
1.711	-0.594
1.733	-0.542
1.756	-0.496
1.778	-0.456
1.800	-0.422

1.822	-0.391
1.844	-0.365
1.867	-0.342
1.889	-0.321
1.911	-0.312
121.911	-0.003
241.911	0.000
337.911	0.000
361.911	0.000
481.911	0.000
601.911	0.000
721.911	0.000

Name: Hyd-1hr Node: Node314 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	-0.000
0.156	-0.000
0.178	-0.003
0.200	-0.013
0.222	-0.039
0.244	-0.062
0.267	-0.069
0.289	-0.077
0.311	-0.089
0.333	-0.105
0.356	-0.124
0.378	-0.146
0.400	-0.171
0.422	-0.198
0.444	-0.225
0.467	-0.253
0.489	-0.280
0.511	-0.308
0.533	-0.335
0.556	-0.361
0.578	-0.387
0.600	-0.411
0.622	-0.434
0.644	-0.456
0.667	-0.477
0.689	-0.488
0.711	-0.489
0.733	-0.489
0.756	-0.489
0.778	-0.489
0.800	-0.489
0.822	-0.489
0.844	-0.489
0.867	-0.489
0.889	-0.489
0.911	-0.489
0.933	-0.489
0.956	-0.489
0.978	-0.489
1.000	-0.489
1.022	-0.489

1.044	-0.489
1.067	-0.489
1.089	-0.489
1.111	-0.489
1.133	-0.489
1.156	-0.489
1.178	-0.489
1.200	-0.489
1.222	-0.489
1.244	-0.489
1.267	-0.489
1.289	-0.489
1.311	-0.489
1.333	-0.489
1.356	-0.489
1.378	-0.489
1.400	-0.489
1.422	-0.489
1.444	-0.489
1.467	-0.489
1.489	-0.489
1.511	-0.489
1.533	-0.489
1.556	-0.489
1.578	-0.489
1.600	-0.489
1.622	-0.489
1.644	-0.489
1.667	-0.489
1.689	-0.489
1.711	-0.489
1.733	-0.489
1.756	-0.489
1.778	-0.719
1.800	-0.614
1.822	-0.278
1.844	-0.277
1.867	-0.275
1.889	-0.274
1.911	-0.273
121.911	-0.005
241.911	-0.000
337.911	0.000
361.911	0.000
481.911	0.000
601.911	0.000
721.911	0.000

Name: Hyd-1hr Node: Node318 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	-0.000
0.156	-0.000
0.178	-0.001
0.200	-0.004
0.222	-0.012
0.244	-0.018

0.267	-0.020
0.289	-0.022
0.311	-0.026
0.333	-0.031
0.356	-0.036
0.378	-0.043
0.400	-0.050
0.422	-0.058
0.444	-0.066
0.467	-0.074
0.489	-0.082
0.511	-0.090
0.533	-0.098
0.556	-0.105
0.578	-0.113
0.600	-0.120
0.622	-0.127
0.644	-0.133
0.667	-0.139
0.689	-0.142
0.711	-0.143
0.733	-0.143
0.756	-0.143
0.778	-0.143
0.800	-0.143
0.822	-0.143
0.844	-0.143
0.867	-0.143
0.889	-0.143
0.911	-0.143
0.933	-0.143
0.956	-0.143
0.978	-0.143
1.000	-0.143
1.022	-0.143
1.044	-0.143
1.067	-0.143
1.089	-0.143
1.111	-0.143
1.133	-0.143
1.156	-0.143
1.178	-0.143
1.200	-0.143
1.222	-0.143
1.244	-0.143
1.267	-0.143
1.289	-0.143
1.311	-0.143
1.333	-0.143
1.356	-0.143
1.378	-0.143
1.400	-0.143
1.422	-0.143
1.444	-0.143
1.467	-0.143
1.489	-0.143
1.511	-0.143
1.533	-0.143
1.556	-0.143
1.578	-0.143
1.600	-0.143
1.622	-0.143
1.644	-0.143
1.667	-0.143
1.689	-0.143

1.711	-0.143
1.733	-0.142
1.756	-0.115
1.778	-0.074
1.800	-0.060
1.822	-0.060
1.844	-0.060
1.867	-0.060
1.889	-0.060
1.911	-0.060
121.911	-0.001
241.911	-0.000
337.911	0.000
361.911	0.000
481.911	0.000
601.911	0.000
721.911	0.000

Name: Hyd-2hr Node: Node312 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	-0.000
0.111	-0.001
0.133	-0.005
0.156	-0.013
0.178	-0.029
0.200	-0.040
0.222	-0.042
0.244	-0.045
0.267	-0.049
0.289	-0.055
0.311	-0.062
0.333	-0.069
0.356	-0.078
0.378	-0.086
0.400	-0.095
0.422	-0.104
0.444	-0.113
0.467	-0.123
0.489	-0.133
0.511	-0.143
0.533	-0.153
0.556	-0.163
0.578	-0.173
0.600	-0.184
0.622	-0.194
0.644	-0.204
0.667	-0.214
0.689	-0.225
0.711	-0.235
0.733	-0.246
0.756	-0.256
0.778	-0.266
0.800	-0.277
0.822	-0.287
0.844	-0.297
0.867	-0.303
0.889	-0.306
0.911	-0.306

0.933	-0.306
0.956	-0.306
0.978	-0.306
1.000	-0.306
1.022	-0.306
1.044	-0.306
1.067	-0.306
1.089	-0.306
1.111	-0.306
1.133	-0.306
1.156	-0.306
1.178	-0.306
1.200	-0.306
1.222	-0.306
1.244	-0.306
1.267	-0.306
1.289	-0.306
1.311	-0.306
1.333	-0.306
1.356	-0.306
1.378	-0.306
1.400	-0.306
1.422	-0.306
1.444	-0.306
1.467	-0.306
1.489	-0.306
1.511	-0.306
1.533	-0.306
1.556	-0.306
1.578	-0.306
1.600	-0.306
1.622	-0.306
1.644	-0.306
1.667	-0.306
1.689	-0.306
1.711	-0.641
1.733	-0.841
1.756	-0.676
1.778	-0.619
1.800	-0.569
1.822	-0.525
1.844	-0.486
1.867	-0.452
1.889	-0.422
1.911	-0.396
1.933	-0.373
1.956	-0.353
1.978	-0.335
2.000	-0.319
2.022	-0.305
2.044	-0.292
2.067	-0.281
2.089	-0.270
2.111	-0.260
2.133	-0.251
2.156	-0.243
2.178	-0.235
2.200	-0.228
2.222	-0.222
2.244	-0.216
2.267	-0.211
2.289	-0.206
2.311	-0.201
2.333	-0.197
2.356	-0.192

2.378	-0.189
2.400	-0.185
2.422	-0.181
2.444	-0.177
2.467	-0.174
2.489	-0.171
2.511	-0.168
2.533	-0.165
2.556	-0.162
2.578	-0.159
2.600	-0.157
2.622	-0.154
2.644	-0.152
2.667	-0.149
2.689	-0.147
2.711	-0.145
2.733	-0.143
2.756	-0.141
2.778	-0.139
2.800	-0.137
2.822	-0.135
2.844	-0.134
2.867	-0.132
2.889	-0.130
2.911	-0.129
122.911	-0.003
242.911	0.000
338.911	0.000
362.911	0.000
482.911	0.000
602.911	0.000
722.911	0.000

Name: Hyd-2hr Node: Node314 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	-0.000
0.111	-0.002
0.133	-0.008
0.156	-0.021
0.178	-0.046
0.200	-0.063
0.222	-0.067
0.244	-0.071
0.267	-0.078
0.289	-0.088
0.311	-0.099
0.333	-0.111
0.356	-0.124
0.378	-0.138
0.400	-0.152
0.422	-0.166
0.444	-0.181
0.467	-0.196
0.489	-0.212
0.511	-0.228
0.533	-0.244
0.556	-0.261
0.578	-0.277

0.600	-0.294
0.622	-0.310
0.644	-0.326
0.667	-0.343
0.689	-0.359
0.711	-0.376
0.733	-0.393
0.756	-0.410
0.778	-0.426
0.800	-0.443
0.822	-0.459
0.844	-0.475
0.867	-0.486
0.889	-0.489
0.911	-0.489
0.933	-0.489
0.956	-0.489
0.978	-0.489
1.000	-0.489
1.022	-0.489
1.044	-0.489
1.067	-0.489
1.089	-0.489
1.111	-0.489
1.133	-0.489
1.156	-0.489
1.178	-0.489
1.200	-0.489
1.222	-0.489
1.244	-0.489
1.267	-0.489
1.289	-0.489
1.311	-0.489
1.333	-0.489
1.356	-0.489
1.378	-0.489
1.400	-0.489
1.422	-0.489
1.444	-0.489
1.467	-0.489
1.489	-0.489
1.511	-0.489
1.533	-0.489
1.556	-0.489
1.578	-0.489
1.600	-0.489
1.622	-0.489
1.644	-0.489
1.667	-0.489
1.689	-0.489
1.711	-0.489
1.733	-0.489
1.756	-0.489
1.778	-0.489
1.800	-0.489
1.822	-0.489
1.844	-0.489
1.867	-0.490
1.889	-0.391
1.911	-0.291
1.933	-0.291
1.956	-0.291
1.978	-0.289
2.000	-0.288
2.022	-0.286

2.044	-0.283
2.067	-0.281
2.089	-0.277
2.111	-0.274
2.133	-0.270
2.156	-0.266
2.178	-0.262
2.200	-0.258
2.222	-0.255
2.244	-0.251
2.267	-0.247
2.289	-0.243
2.311	-0.239
2.333	-0.235
2.356	-0.231
2.378	-0.228
2.400	-0.224
2.422	-0.220
2.444	-0.216
2.467	-0.213
2.489	-0.209
2.511	-0.205
2.533	-0.202
2.556	-0.198
2.578	-0.195
2.600	-0.192
2.622	-0.189
2.644	-0.185
2.667	-0.182
2.689	-0.179
2.711	-0.176
2.733	-0.174
2.756	-0.171
2.778	-0.168
2.800	-0.166
2.822	-0.163
2.844	-0.161
2.867	-0.158
2.889	-0.156
2.911	-0.155
122.911	-0.006
242.911	-0.000
338.911	0.000
362.911	0.000
482.911	0.000
602.911	0.000
722.911	0.000

Name: Hyd-2hr Node: Node318 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	-0.000
0.111	-0.001
0.133	-0.002
0.156	-0.006
0.178	-0.013
0.200	-0.019
0.222	-0.019
0.244	-0.021

0.267	-0.023
0.289	-0.026
0.311	-0.029
0.333	-0.032
0.356	-0.036
0.378	-0.040
0.400	-0.044
0.422	-0.049
0.444	-0.053
0.467	-0.057
0.489	-0.062
0.511	-0.067
0.533	-0.071
0.556	-0.076
0.578	-0.081
0.600	-0.086
0.622	-0.090
0.644	-0.095
0.667	-0.100
0.689	-0.105
0.711	-0.110
0.733	-0.115
0.756	-0.119
0.778	-0.124
0.800	-0.129
0.822	-0.134
0.844	-0.138
0.867	-0.142
0.889	-0.143
0.911	-0.143
0.933	-0.143
0.956	-0.143
0.978	-0.143
1.000	-0.143
1.022	-0.143
1.044	-0.143
1.067	-0.143
1.089	-0.143
1.111	-0.143
1.133	-0.143
1.156	-0.143
1.178	-0.143
1.200	-0.143
1.222	-0.143
1.244	-0.143
1.267	-0.143
1.289	-0.143
1.311	-0.143
1.333	-0.143
1.356	-0.143
1.378	-0.143
1.400	-0.143
1.422	-0.143
1.444	-0.143
1.467	-0.143
1.489	-0.143
1.511	-0.143
1.533	-0.143
1.556	-0.143
1.578	-0.143
1.600	-0.143
1.622	-0.143
1.644	-0.143
1.667	-0.143
1.689	-0.143

1.711	-0.143
1.733	-0.143
1.756	-0.143
1.778	-0.143
1.800	-0.143
1.822	-0.132
1.844	-0.093
1.867	-0.065
1.889	-0.065
1.911	-0.065
1.933	-0.064
1.956	-0.064
1.978	-0.064
2.000	-0.064
2.022	-0.064
2.044	-0.064
2.067	-0.063
2.089	-0.063
2.111	-0.062
2.133	-0.061
2.156	-0.061
2.178	-0.060
2.200	-0.060
2.222	-0.060
2.244	-0.059
2.267	-0.059
2.289	-0.059
2.311	-0.058
2.333	-0.058
2.356	-0.058
2.378	-0.057
2.400	-0.057
2.422	-0.056
2.444	-0.056
2.467	-0.056
2.489	-0.055
2.511	-0.055
2.533	-0.054
2.556	-0.053
2.578	-0.053
2.600	-0.052
2.622	-0.051
2.644	-0.051
2.667	-0.050
2.689	-0.049
2.711	-0.049
2.733	-0.048
2.756	-0.047
2.778	-0.047
2.800	-0.046
2.822	-0.045
2.844	-0.045
2.867	-0.044
2.889	-0.044
2.911	-0.043
122.911	-0.002
242.911	-0.000
338.911	0.000
362.911	0.000
482.911	0.000
602.911	0.000
722.911	0.000

Name: Hyd-4hr Node: Node312 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	-0.000
0.467	-0.000
0.489	-0.000
0.511	-0.001
0.533	-0.002
0.556	-0.005
0.578	-0.011
0.600	-0.018
0.622	-0.028
0.644	-0.037
0.667	-0.040
0.689	-0.041
0.711	-0.042
0.733	-0.044
0.756	-0.046
0.778	-0.048
0.800	-0.051
0.822	-0.054
0.844	-0.056
0.867	-0.059
0.889	-0.062
0.911	-0.066
0.933	-0.069
0.956	-0.072
0.978	-0.075
1.000	-0.079
1.022	-0.082
1.044	-0.086
1.067	-0.089
1.089	-0.094
1.111	-0.098
1.133	-0.103
1.156	-0.108
1.178	-0.113
1.200	-0.118
1.222	-0.124
1.244	-0.129
1.267	-0.134
1.289	-0.140
1.311	-0.145
1.333	-0.150
1.356	-0.155

1.378	-0.160
1.400	-0.165
1.422	-0.170
1.444	-0.175
1.467	-0.180
1.489	-0.185
1.511	-0.190
1.533	-0.195
1.556	-0.199
1.578	-0.204
1.600	-0.210
1.622	-0.215
1.644	-0.220
1.667	-0.226
1.689	-0.231
1.711	-0.237
1.733	-0.243
1.756	-0.248
1.778	-0.254
1.800	-0.259
1.822	-0.265
1.844	-0.270
1.867	-0.276
1.889	-0.281
1.911	-0.286
1.933	-0.291
1.956	-0.296
1.978	-0.302
2.000	-0.305
2.022	-0.306
2.044	-0.306
2.067	-0.306
2.089	-0.306
2.111	-0.306
2.133	-0.306
2.156	-0.306
2.178	-0.306
2.200	-0.306
2.222	-0.306
2.244	-0.306
2.267	-0.306
2.289	-0.306
2.311	-0.306
2.333	-0.306
2.356	-0.306
2.378	-0.306
2.400	-0.306
2.422	-0.306
2.444	-0.306
2.467	-0.306
2.489	-0.880
2.511	-1.099
2.533	-0.714
2.556	-0.657
2.578	-0.605
2.600	-0.559
2.622	-0.518
2.644	-0.482
2.667	-0.450
2.689	-0.423
2.711	-0.398
2.733	-0.377
2.756	-0.358
2.778	-0.342
2.800	-0.327

2.822	-0.314
2.844	-0.302
2.867	-0.291
2.889	-0.282
2.911	-0.273
2.933	-0.265
2.956	-0.258
2.978	-0.251
3.000	-0.245
3.022	-0.239
3.044	-0.232
3.067	-0.226
3.089	-0.219
3.111	-0.211
3.133	-0.205
3.156	-0.199
3.178	-0.193
3.200	-0.189
3.222	-0.184
3.244	-0.180
3.267	-0.177
3.289	-0.173
3.311	-0.170
3.333	-0.168
3.356	-0.165
3.378	-0.163
3.400	-0.160
3.422	-0.158
3.444	-0.156
3.467	-0.154
3.489	-0.153
3.511	-0.151
3.533	-0.149
3.556	-0.147
3.578	-0.145
3.600	-0.143
3.622	-0.141
3.644	-0.139
3.667	-0.137
3.689	-0.135
3.711	-0.134
3.733	-0.132
3.756	-0.131
3.778	-0.130
3.800	-0.128
3.822	-0.127
3.844	-0.126
3.867	-0.125
3.889	-0.124
3.911	-0.123
3.933	-0.122
3.956	-0.121
3.978	-0.121
4.000	-0.120
4.022	-0.119
4.044	-0.118
4.067	-0.117
4.089	-0.116
4.111	-0.115
4.133	-0.114
4.156	-0.113
4.178	-0.112
4.200	-0.111
4.222	-0.110
4.244	-0.109

4.267	-0.108
4.289	-0.107
4.311	-0.106
4.333	-0.106
4.356	-0.105
4.378	-0.104
4.400	-0.104
4.422	-0.103
4.444	-0.103
4.467	-0.102
4.489	-0.101
4.511	-0.101
4.533	-0.100
4.556	-0.100
4.578	-0.099
4.600	-0.098
4.622	-0.098
4.644	-0.097
4.667	-0.096
4.689	-0.096
4.711	-0.095
4.733	-0.094
4.756	-0.094
4.778	-0.093
4.800	-0.093
4.822	-0.092
4.844	-0.091
4.867	-0.091
4.889	-0.090
4.911	-0.090
124.911	-0.003
244.911	0.000
340.911	0.000
364.911	0.000
484.911	0.000
604.911	0.000
724.911	0.000

Name: Hyd-4hr Node: Node314 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	-0.000
0.467	-0.000

0.489	-0.000
0.511	-0.001
0.533	-0.004
0.556	-0.008
0.578	-0.017
0.600	-0.029
0.622	-0.045
0.644	-0.059
0.667	-0.064
0.689	-0.066
0.711	-0.068
0.733	-0.070
0.756	-0.074
0.778	-0.077
0.800	-0.081
0.822	-0.086
0.844	-0.090
0.867	-0.095
0.889	-0.100
0.911	-0.105
0.933	-0.110
0.956	-0.115
0.978	-0.121
1.000	-0.126
1.022	-0.131
1.044	-0.137
1.067	-0.143
1.089	-0.150
1.111	-0.157
1.133	-0.165
1.156	-0.173
1.178	-0.181
1.200	-0.189
1.222	-0.198
1.244	-0.206
1.267	-0.215
1.289	-0.223
1.311	-0.232
1.333	-0.240
1.356	-0.248
1.378	-0.257
1.400	-0.265
1.422	-0.273
1.444	-0.281
1.467	-0.288
1.489	-0.296
1.511	-0.304
1.533	-0.311
1.556	-0.319
1.578	-0.327
1.600	-0.335
1.622	-0.344
1.644	-0.353
1.667	-0.361
1.689	-0.370
1.711	-0.379
1.733	-0.388
1.756	-0.397
1.778	-0.406
1.800	-0.415
1.822	-0.424
1.844	-0.432
1.867	-0.441
1.889	-0.449
1.911	-0.458

1.933	-0.466
1.956	-0.474
1.978	-0.482
2.000	-0.488
2.022	-0.489
2.044	-0.489
2.067	-0.489
2.089	-0.489
2.111	-0.489
2.133	-0.489
2.156	-0.489
2.178	-0.489
2.200	-0.489
2.222	-0.489
2.244	-0.489
2.267	-0.489
2.289	-0.489
2.311	-0.489
2.333	-0.489
2.356	-0.489
2.378	-0.489
2.400	-0.489
2.422	-0.489
2.444	-0.489
2.467	-0.489
2.489	-0.489
2.511	-0.489
2.533	-0.489
2.556	-0.489
2.578	-0.489
2.600	-0.489
2.622	-0.489
2.644	-0.864
2.667	-0.777
2.689	-0.314
2.711	-0.316
2.733	-0.315
2.756	-0.314
2.778	-0.312
2.800	-0.310
2.822	-0.308
2.844	-0.305
2.867	-0.303
2.889	-0.300
2.911	-0.297
2.933	-0.294
2.956	-0.291
2.978	-0.287
3.000	-0.284
3.022	-0.280
3.044	-0.275
3.067	-0.269
3.089	-0.263
3.111	-0.256
3.133	-0.250
3.156	-0.244
3.178	-0.238
3.200	-0.233
3.222	-0.228
3.244	-0.224
3.267	-0.219
3.289	-0.215
3.311	-0.211
3.333	-0.207
3.356	-0.203

3.378	-0.199
3.400	-0.196
3.422	-0.192
3.444	-0.189
3.467	-0.186
3.489	-0.183
3.511	-0.180
3.533	-0.177
3.556	-0.174
3.578	-0.170
3.600	-0.167
3.622	-0.164
3.644	-0.161
3.667	-0.158
3.689	-0.155
3.711	-0.152
3.733	-0.150
3.756	-0.148
3.778	-0.146
3.800	-0.144
3.822	-0.142
3.844	-0.140
3.867	-0.138
3.889	-0.136
3.911	-0.135
3.933	-0.133
3.956	-0.132
3.978	-0.130
4.000	-0.129
4.022	-0.127
4.044	-0.126
4.067	-0.124
4.089	-0.123
4.111	-0.121
4.133	-0.119
4.156	-0.118
4.178	-0.117
4.200	-0.115
4.222	-0.114
4.244	-0.113
4.267	-0.112
4.289	-0.111
4.311	-0.110
4.333	-0.109
4.356	-0.108
4.378	-0.107
4.400	-0.106
4.422	-0.105
4.444	-0.104
4.467	-0.103
4.489	-0.103
4.511	-0.102
4.533	-0.101
4.556	-0.100
4.578	-0.100
4.600	-0.099
4.622	-0.098
4.644	-0.098
4.667	-0.097
4.689	-0.097
4.711	-0.096
4.733	-0.095
4.756	-0.095
4.778	-0.094
4.800	-0.094

4.822	-0.093
4.844	-0.093
4.867	-0.092
4.889	-0.092
4.911	-0.092
124.911	-0.002
244.911	-0.001
340.911	0.000
364.911	0.000
484.911	0.000
604.911	0.000
724.911	0.000

Name: Hyd-4hr Node: Node318 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	-0.000
0.467	-0.000
0.489	-0.000
0.511	-0.000
0.533	-0.001
0.556	-0.002
0.578	-0.005
0.600	-0.008
0.622	-0.013
0.644	-0.017
0.667	-0.019
0.689	-0.019
0.711	-0.020
0.733	-0.021
0.756	-0.021
0.778	-0.023
0.800	-0.024
0.822	-0.025
0.844	-0.026
0.867	-0.028
0.889	-0.029
0.911	-0.031
0.933	-0.032
0.956	-0.034
0.978	-0.035
1.000	-0.037
1.022	-0.038

1.044	-0.040
1.067	-0.042
1.089	-0.044
1.111	-0.046
1.133	-0.048
1.156	-0.050
1.178	-0.053
1.200	-0.055
1.222	-0.058
1.244	-0.060
1.267	-0.063
1.289	-0.065
1.311	-0.068
1.333	-0.070
1.356	-0.072
1.378	-0.075
1.400	-0.077
1.422	-0.080
1.444	-0.082
1.467	-0.084
1.489	-0.086
1.511	-0.089
1.533	-0.091
1.556	-0.093
1.578	-0.095
1.600	-0.098
1.622	-0.100
1.644	-0.103
1.667	-0.105
1.689	-0.108
1.711	-0.111
1.733	-0.113
1.756	-0.116
1.778	-0.118
1.800	-0.121
1.822	-0.124
1.844	-0.126
1.867	-0.129
1.889	-0.131
1.911	-0.134
1.933	-0.136
1.956	-0.138
1.978	-0.141
2.000	-0.142
2.022	-0.143
2.044	-0.143
2.067	-0.143
2.089	-0.143
2.111	-0.143
2.133	-0.143
2.156	-0.143
2.178	-0.143
2.200	-0.143
2.222	-0.143
2.244	-0.143
2.267	-0.143
2.289	-0.143
2.311	-0.143
2.333	-0.143
2.356	-0.143
2.378	-0.143
2.400	-0.143
2.422	-0.143
2.444	-0.143
2.467	-0.143

2.489	-0.143
2.511	-0.143
2.533	-0.143
2.556	-0.143
2.578	-0.143
2.600	-0.262
2.622	-0.225
2.644	-0.068
2.667	-0.067
2.689	-0.066
2.711	-0.066
2.733	-0.066
2.756	-0.065
2.778	-0.065
2.800	-0.065
2.822	-0.065
2.844	-0.065
2.867	-0.065
2.889	-0.065
2.911	-0.065
2.933	-0.065
2.956	-0.065
2.978	-0.064
3.000	-0.064
3.022	-0.064
3.044	-0.063
3.067	-0.061
3.089	-0.059
3.111	-0.058
3.133	-0.056
3.156	-0.055
3.178	-0.054
3.200	-0.053
3.222	-0.053
3.244	-0.052
3.267	-0.052
3.289	-0.052
3.311	-0.051
3.333	-0.051
3.356	-0.051
3.378	-0.050
3.400	-0.050
3.422	-0.050
3.444	-0.049
3.467	-0.049
3.489	-0.048
3.511	-0.048
3.533	-0.047
3.556	-0.047
3.578	-0.046
3.600	-0.045
3.622	-0.044
3.644	-0.043
3.667	-0.043
3.689	-0.042
3.711	-0.042
3.733	-0.041
3.756	-0.041
3.778	-0.041
3.800	-0.040
3.822	-0.040
3.844	-0.039
3.867	-0.039
3.889	-0.039
3.911	-0.038

3.933	-0.038
3.956	-0.038
3.978	-0.037
4.000	-0.037
4.022	-0.037
4.044	-0.036
4.067	-0.036
4.089	-0.035
4.111	-0.035
4.133	-0.034
4.156	-0.034
4.178	-0.034
4.200	-0.033
4.222	-0.033
4.244	-0.033
4.267	-0.032
4.289	-0.032
4.311	-0.032
4.333	-0.032
4.356	-0.032
4.378	-0.031
4.400	-0.031
4.422	-0.031
4.444	-0.031
4.467	-0.031
4.489	-0.030
4.511	-0.030
4.533	-0.030
4.556	-0.030
4.578	-0.030
4.600	-0.029
4.622	-0.029
4.644	-0.029
4.667	-0.029
4.689	-0.029
4.711	-0.028
4.733	-0.028
4.756	-0.028
4.778	-0.028
4.800	-0.028
4.822	-0.027
4.844	-0.027
4.867	-0.027
4.889	-0.027
4.911	-0.027
124.911	-0.002
244.911	-0.000
340.911	0.000
364.911	0.000
484.911	0.000
604.911	0.000
724.911	0.000

Name: Hyd-8hr Node: Node312 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000

0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	-0.000
1.111	-0.000
1.133	-0.001
1.156	-0.002
1.178	-0.003
1.200	-0.006
1.222	-0.010
1.244	-0.015
1.267	-0.021
1.289	-0.028
1.311	-0.034
1.333	-0.039
1.356	-0.040
1.378	-0.041
1.400	-0.041
1.422	-0.042
1.444	-0.043
1.467	-0.045
1.489	-0.046
1.511	-0.048
1.533	-0.049
1.556	-0.051
1.578	-0.053

1.600	-0.055
1.622	-0.057
1.644	-0.059
1.667	-0.061
1.689	-0.063
1.711	-0.065
1.733	-0.067
1.756	-0.069
1.778	-0.071
1.800	-0.073
1.822	-0.075
1.844	-0.078
1.867	-0.080
1.889	-0.082
1.911	-0.084
1.933	-0.086
1.956	-0.088
1.978	-0.090
2.000	-0.092
2.022	-0.094
2.044	-0.096
2.067	-0.098
2.089	-0.100
2.111	-0.103
2.133	-0.105
2.156	-0.107
2.178	-0.110
2.200	-0.112
2.222	-0.115
2.244	-0.117
2.267	-0.120
2.289	-0.123
2.311	-0.125
2.333	-0.128
2.356	-0.130
2.378	-0.133
2.400	-0.135
2.422	-0.138
2.444	-0.140
2.467	-0.143
2.489	-0.145
2.511	-0.147
2.533	-0.150
2.556	-0.152
2.578	-0.154
2.600	-0.157
2.622	-0.159
2.644	-0.161
2.667	-0.163
2.689	-0.165
2.711	-0.168
2.733	-0.170
2.756	-0.172
2.778	-0.174
2.800	-0.176
2.822	-0.178
2.844	-0.180
2.867	-0.182
2.889	-0.184
2.911	-0.186
2.933	-0.188
2.956	-0.190
2.978	-0.192
3.000	-0.194
3.022	-0.196

3.044	-0.198
3.067	-0.200
3.089	-0.203
3.111	-0.207
3.133	-0.210
3.156	-0.215
3.178	-0.219
3.200	-0.224
3.222	-0.229
3.244	-0.234
3.267	-0.239
3.289	-0.244
3.311	-0.250
3.333	-0.255
3.356	-0.260
3.378	-0.265
3.400	-0.270
3.422	-0.276
3.444	-0.281
3.467	-0.286
3.489	-0.291
3.511	-0.296
3.533	-0.301
3.556	-0.304
3.578	-0.306
3.600	-0.306
3.622	-0.306
3.644	-0.306
3.667	-0.306
3.689	-0.594
3.711	-0.812
3.733	-0.715
3.756	-0.663
3.778	-0.617
3.800	-0.576
3.822	-0.540
3.844	-0.508
3.867	-0.480
3.889	-0.455
3.911	-0.432
3.933	-0.412
3.956	-0.394
3.978	-0.378
4.000	-0.363
4.022	-0.348
4.044	-0.334
4.067	-0.320
4.089	-0.305
4.111	-0.290
4.133	-0.276
4.156	-0.264
4.178	-0.253
4.200	-0.244
4.222	-0.235
4.244	-0.228
4.267	-0.221
4.289	-0.215
4.311	-0.209
4.333	-0.204
4.356	-0.200
4.378	-0.196
4.400	-0.192
4.422	-0.188
4.444	-0.185
4.467	-0.182

4.489	-0.179
4.511	-0.176
4.533	-0.174
4.556	-0.172
4.578	-0.169
4.600	-0.167
4.622	-0.165
4.644	-0.164
4.667	-0.162
4.689	-0.160
4.711	-0.159
4.733	-0.157
4.756	-0.156
4.778	-0.154
4.800	-0.153
4.822	-0.152
4.844	-0.150
4.867	-0.149
4.889	-0.148
4.911	-0.147
4.933	-0.146
4.956	-0.145
4.978	-0.144
5.000	-0.143
5.022	-0.141
5.044	-0.140
5.067	-0.138
5.089	-0.135
5.111	-0.132
5.133	-0.130
5.156	-0.127
5.178	-0.125
5.200	-0.123
5.222	-0.122
5.244	-0.120
5.267	-0.119
5.289	-0.117
5.311	-0.116
5.333	-0.115
5.356	-0.114
5.378	-0.114
5.400	-0.113
5.422	-0.112
5.444	-0.111
5.467	-0.111
5.489	-0.110
5.511	-0.109
5.533	-0.109
5.556	-0.108
5.578	-0.108
5.600	-0.107
5.622	-0.107
5.644	-0.106
5.667	-0.106
5.689	-0.106
5.711	-0.105
5.733	-0.105
5.756	-0.104
5.778	-0.104
5.800	-0.104
5.822	-0.103
5.844	-0.103
5.867	-0.103
5.889	-0.102
5.911	-0.102

5.933	-0.102
5.956	-0.101
5.978	-0.101
6.000	-0.101
6.022	-0.100
6.044	-0.100
6.067	-0.099
6.089	-0.099
6.111	-0.098
6.133	-0.098
6.156	-0.098
6.178	-0.097
6.200	-0.097
6.222	-0.096
6.244	-0.096
6.267	-0.095
6.289	-0.095
6.311	-0.095
6.333	-0.094
6.356	-0.094
6.378	-0.094
6.400	-0.093
6.422	-0.093
6.444	-0.093
6.467	-0.092
6.489	-0.092
6.511	-0.092
6.533	-0.092
6.556	-0.091
6.578	-0.091
6.600	-0.091
6.622	-0.090
6.644	-0.090
6.667	-0.090
6.689	-0.090
6.711	-0.089
6.733	-0.089
6.756	-0.089
6.778	-0.089
6.800	-0.088
6.822	-0.088
6.844	-0.088
6.867	-0.088
6.889	-0.087
6.911	-0.087
6.933	-0.087
6.956	-0.087
6.978	-0.086
7.000	-0.086
7.022	-0.086
7.044	-0.086
7.067	-0.085
7.089	-0.085
7.111	-0.084
7.133	-0.084
7.156	-0.083
7.178	-0.083
7.200	-0.082
7.222	-0.082
7.244	-0.081
7.267	-0.081
7.289	-0.081
7.311	-0.080
7.333	-0.080
7.356	-0.080

7.378	-0.079
7.400	-0.079
7.422	-0.079
7.444	-0.079
7.467	-0.078
7.489	-0.078
7.511	-0.078
7.533	-0.078
7.556	-0.078
7.578	-0.077
7.600	-0.077
7.622	-0.077
7.644	-0.077
7.667	-0.077
7.689	-0.076
7.711	-0.076
7.733	-0.076
7.756	-0.076
7.778	-0.076
7.800	-0.076
7.822	-0.075
7.844	-0.075
7.867	-0.075
7.889	-0.075
7.911	-0.075
7.933	-0.075
7.956	-0.075
7.978	-0.074
8.000	-0.074
8.022	-0.074
8.044	-0.074
8.067	-0.073
8.089	-0.073
8.111	-0.072
8.133	-0.072
8.156	-0.071
8.178	-0.071
8.200	-0.070
8.222	-0.070
8.244	-0.070
8.267	-0.069
8.289	-0.069
8.311	-0.068
8.333	-0.068
8.356	-0.068
8.378	-0.067
8.400	-0.067
8.422	-0.067
8.444	-0.067
8.467	-0.067
8.489	-0.066
8.511	-0.066
8.533	-0.066
8.556	-0.066
8.578	-0.065
8.600	-0.065
8.622	-0.065
8.644	-0.065
8.667	-0.064
8.689	-0.064
8.711	-0.064
8.733	-0.064
8.756	-0.063
8.778	-0.063
8.800	-0.063

8.822	-0.063
8.844	-0.062
8.867	-0.062
8.889	-0.062
8.911	-0.062
128.911	-0.003
248.911	-0.000
344.911	0.000
368.911	0.000
488.911	0.000
608.911	0.000
728.911	0.000

Name: Hyd-8hr Node: Node314 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000

1.044	0.000
1.067	0.000
1.089	-0.000
1.111	-0.000
1.133	-0.001
1.156	-0.002
1.178	-0.005
1.200	-0.010
1.222	-0.017
1.244	-0.025
1.267	-0.034
1.289	-0.044
1.311	-0.055
1.333	-0.062
1.356	-0.064
1.378	-0.065
1.400	-0.066
1.422	-0.068
1.444	-0.069
1.467	-0.072
1.489	-0.074
1.511	-0.076
1.533	-0.079
1.556	-0.082
1.578	-0.085
1.600	-0.088
1.622	-0.091
1.644	-0.094
1.667	-0.097
1.689	-0.101
1.711	-0.104
1.733	-0.107
1.756	-0.111
1.778	-0.114
1.800	-0.117
1.822	-0.121
1.844	-0.124
1.867	-0.127
1.889	-0.131
1.911	-0.134
1.933	-0.137
1.956	-0.141
1.978	-0.144
2.000	-0.147
2.022	-0.150
2.044	-0.153
2.067	-0.157
2.089	-0.160
2.111	-0.164
2.133	-0.168
2.156	-0.172
2.178	-0.176
2.200	-0.180
2.222	-0.184
2.244	-0.188
2.267	-0.192
2.289	-0.196
2.311	-0.200
2.333	-0.204
2.356	-0.208
2.378	-0.212
2.400	-0.216
2.422	-0.220
2.444	-0.224
2.467	-0.228

2.489	-0.232
2.511	-0.236
2.533	-0.239
2.556	-0.243
2.578	-0.247
2.600	-0.250
2.622	-0.254
2.644	-0.258
2.667	-0.261
2.689	-0.265
2.711	-0.268
2.733	-0.272
2.756	-0.275
2.778	-0.278
2.800	-0.282
2.822	-0.285
2.844	-0.288
2.867	-0.291
2.889	-0.294
2.911	-0.298
2.933	-0.301
2.956	-0.304
2.978	-0.307
3.000	-0.310
3.022	-0.313
3.044	-0.316
3.067	-0.320
3.089	-0.325
3.111	-0.330
3.133	-0.337
3.156	-0.344
3.178	-0.351
3.200	-0.359
3.222	-0.367
3.244	-0.375
3.267	-0.383
3.289	-0.391
3.311	-0.399
3.333	-0.408
3.356	-0.416
3.378	-0.424
3.400	-0.433
3.422	-0.441
3.444	-0.449
3.467	-0.457
3.489	-0.465
3.511	-0.473
3.533	-0.481
3.556	-0.487
3.578	-0.489
3.600	-0.489
3.622	-0.489
3.644	-0.489
3.667	-0.489
3.689	-0.489
3.711	-0.489
3.733	-0.489
3.756	-0.489
3.778	-0.489
3.800	-0.489
3.822	-0.767
3.844	-0.694
3.867	-0.344
3.889	-0.346
3.911	-0.346

3.933	-0.345
3.956	-0.344
3.978	-0.343
4.000	-0.341
4.022	-0.337
4.044	-0.333
4.067	-0.327
4.089	-0.319
4.111	-0.311
4.133	-0.302
4.156	-0.295
4.178	-0.288
4.200	-0.281
4.222	-0.275
4.244	-0.270
4.267	-0.264
4.289	-0.259
4.311	-0.254
4.333	-0.249
4.356	-0.245
4.378	-0.240
4.400	-0.236
4.422	-0.232
4.444	-0.227
4.467	-0.223
4.489	-0.219
4.511	-0.216
4.533	-0.212
4.556	-0.208
4.578	-0.205
4.600	-0.202
4.622	-0.198
4.644	-0.195
4.667	-0.192
4.689	-0.189
4.711	-0.186
4.733	-0.184
4.756	-0.181
4.778	-0.179
4.800	-0.176
4.822	-0.174
4.844	-0.171
4.867	-0.169
4.889	-0.167
4.911	-0.165
4.933	-0.163
4.956	-0.161
4.978	-0.159
5.000	-0.158
5.022	-0.156
5.044	-0.153
5.067	-0.150
5.089	-0.147
5.111	-0.144
5.133	-0.140
5.156	-0.138
5.178	-0.135
5.200	-0.133
5.222	-0.130
5.244	-0.128
5.267	-0.127
5.289	-0.125
5.311	-0.123
5.333	-0.122
5.356	-0.120

5.378	-0.119
5.400	-0.118
5.422	-0.117
5.444	-0.116
5.467	-0.115
5.489	-0.114
5.511	-0.113
5.533	-0.112
5.556	-0.111
5.578	-0.110
5.600	-0.109
5.622	-0.109
5.644	-0.108
5.667	-0.107
5.689	-0.106
5.711	-0.106
5.733	-0.105
5.756	-0.105
5.778	-0.104
5.800	-0.103
5.822	-0.103
5.844	-0.102
5.867	-0.102
5.889	-0.101
5.911	-0.101
5.933	-0.100
5.956	-0.100
5.978	-0.099
6.000	-0.099
6.022	-0.098
6.044	-0.098
6.067	-0.097
6.089	-0.097
6.111	-0.096
6.133	-0.096
6.156	-0.095
6.178	-0.095
6.200	-0.094
6.222	-0.094
6.244	-0.093
6.267	-0.093
6.289	-0.092
6.311	-0.092
6.333	-0.092
6.356	-0.091
6.378	-0.091
6.400	-0.090
6.422	-0.090
6.444	-0.090
6.467	-0.089
6.489	-0.089
6.511	-0.089
6.533	-0.088
6.556	-0.088
6.578	-0.088
6.600	-0.087
6.622	-0.087
6.644	-0.087
6.667	-0.087
6.689	-0.086
6.711	-0.086
6.733	-0.086
6.756	-0.085
6.778	-0.085
6.800	-0.085

6.822	-0.084
6.844	-0.084
6.867	-0.084
6.889	-0.084
6.911	-0.083
6.933	-0.083
6.956	-0.083
6.978	-0.083
7.000	-0.082
7.022	-0.082
7.044	-0.082
7.067	-0.081
7.089	-0.081
7.111	-0.080
7.133	-0.080
7.156	-0.079
7.178	-0.079
7.200	-0.078
7.222	-0.078
7.244	-0.077
7.267	-0.077
7.289	-0.077
7.311	-0.076
7.333	-0.076
7.356	-0.076
7.378	-0.075
7.400	-0.075
7.422	-0.075
7.444	-0.075
7.467	-0.074
7.489	-0.074
7.511	-0.074
7.533	-0.074
7.556	-0.073
7.578	-0.073
7.600	-0.073
7.622	-0.073
7.644	-0.072
7.667	-0.072
7.689	-0.072
7.711	-0.072
7.733	-0.072
7.756	-0.071
7.778	-0.071
7.800	-0.071
7.822	-0.071
7.844	-0.071
7.867	-0.071
7.889	-0.070
7.911	-0.070
7.933	-0.070
7.956	-0.070
7.978	-0.070
8.000	-0.070
8.022	-0.069
8.044	-0.069
8.067	-0.069
8.089	-0.068
8.111	-0.068
8.133	-0.067
8.156	-0.067
8.178	-0.066
8.200	-0.066
8.222	-0.065
8.244	-0.065

8.267	-0.064
8.289	-0.064
8.311	-0.064
8.333	-0.063
8.356	-0.063
8.378	-0.063
8.400	-0.063
8.422	-0.062
8.444	-0.062
8.467	-0.062
8.489	-0.062
8.511	-0.061
8.533	-0.061
8.556	-0.061
8.578	-0.061
8.600	-0.060
8.622	-0.060
8.644	-0.060
8.667	-0.060
8.689	-0.060
8.711	-0.060
8.733	-0.059
8.756	-0.059
8.778	-0.059
8.800	-0.059
8.822	-0.059
8.844	-0.059
8.867	-0.059
8.889	-0.059
8.911	-0.058
128.911	-0.002
248.911	-0.001
344.911	-0.000
368.911	0.000
488.911	0.000
608.911	0.000
728.911	0.000

Name: Hyd-8hr Node: Node318 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000

0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	-0.000
1.111	-0.000
1.133	-0.000
1.156	-0.001
1.178	-0.002
1.200	-0.003
1.222	-0.005
1.244	-0.007
1.267	-0.010
1.289	-0.013
1.311	-0.016
1.333	-0.018
1.356	-0.019
1.378	-0.019
1.400	-0.019
1.422	-0.020
1.444	-0.020
1.467	-0.021
1.489	-0.022
1.511	-0.022
1.533	-0.023
1.556	-0.024
1.578	-0.025
1.600	-0.026
1.622	-0.027
1.644	-0.027
1.667	-0.028
1.689	-0.029
1.711	-0.030
1.733	-0.031
1.756	-0.032
1.778	-0.033
1.800	-0.034
1.822	-0.035
1.844	-0.036
1.867	-0.037
1.889	-0.038
1.911	-0.039

1.933	-0.040
1.956	-0.041
1.978	-0.042
2.000	-0.043
2.022	-0.044
2.044	-0.045
2.067	-0.046
2.089	-0.047
2.111	-0.048
2.133	-0.049
2.156	-0.050
2.178	-0.051
2.200	-0.052
2.222	-0.054
2.244	-0.055
2.267	-0.056
2.289	-0.057
2.311	-0.058
2.333	-0.060
2.356	-0.061
2.378	-0.062
2.400	-0.063
2.422	-0.064
2.444	-0.065
2.467	-0.067
2.489	-0.068
2.511	-0.069
2.533	-0.070
2.556	-0.071
2.578	-0.072
2.600	-0.073
2.622	-0.074
2.644	-0.075
2.667	-0.076
2.689	-0.077
2.711	-0.078
2.733	-0.079
2.756	-0.080
2.778	-0.081
2.800	-0.082
2.822	-0.083
2.844	-0.084
2.867	-0.085
2.889	-0.086
2.911	-0.087
2.933	-0.088
2.956	-0.089
2.978	-0.089
3.000	-0.090
3.022	-0.091
3.044	-0.092
3.067	-0.093
3.089	-0.095
3.111	-0.096
3.133	-0.098
3.156	-0.100
3.178	-0.102
3.200	-0.105
3.222	-0.107
3.244	-0.109
3.267	-0.112
3.289	-0.114
3.311	-0.117
3.333	-0.119
3.356	-0.121

3.378	-0.124
3.400	-0.126
3.422	-0.129
3.444	-0.131
3.467	-0.133
3.489	-0.136
3.511	-0.138
3.533	-0.140
3.556	-0.142
3.578	-0.143
3.600	-0.143
3.622	-0.143
3.644	-0.143
3.667	-0.143
3.689	-0.143
3.711	-0.143
3.733	-0.143
3.756	-0.143
3.778	-0.253
3.800	-0.226
3.822	-0.088
3.844	-0.086
3.867	-0.083
3.889	-0.081
3.911	-0.080
3.933	-0.078
3.956	-0.077
3.978	-0.076
4.000	-0.074
4.022	-0.073
4.044	-0.071
4.067	-0.068
4.089	-0.065
4.111	-0.061
4.133	-0.059
4.156	-0.057
4.178	-0.056
4.200	-0.055
4.222	-0.055
4.244	-0.055
4.267	-0.055
4.289	-0.055
4.311	-0.054
4.333	-0.054
4.356	-0.054
4.378	-0.054
4.400	-0.054
4.422	-0.054
4.444	-0.054
4.467	-0.053
4.489	-0.053
4.511	-0.053
4.533	-0.052
4.556	-0.052
4.578	-0.052
4.600	-0.051
4.622	-0.051
4.644	-0.050
4.667	-0.050
4.689	-0.050
4.711	-0.049
4.733	-0.049
4.756	-0.048
4.778	-0.048
4.800	-0.047

4.822	-0.047
4.844	-0.046
4.867	-0.046
4.889	-0.046
4.911	-0.045
4.933	-0.045
4.956	-0.044
4.978	-0.044
5.000	-0.043
5.022	-0.043
5.044	-0.042
5.067	-0.041
5.089	-0.039
5.111	-0.038
5.133	-0.037
5.156	-0.036
5.178	-0.035
5.200	-0.035
5.222	-0.034
5.244	-0.034
5.267	-0.034
5.289	-0.034
5.311	-0.033
5.333	-0.033
5.356	-0.033
5.378	-0.033
5.400	-0.033
5.422	-0.032
5.444	-0.032
5.467	-0.032
5.489	-0.032
5.511	-0.032
5.533	-0.032
5.556	-0.031
5.578	-0.031
5.600	-0.031
5.622	-0.031
5.644	-0.031
5.667	-0.031
5.689	-0.031
5.711	-0.030
5.733	-0.030
5.756	-0.030
5.778	-0.030
5.800	-0.030
5.822	-0.030
5.844	-0.030
5.867	-0.030
5.889	-0.029
5.911	-0.029
5.933	-0.029
5.956	-0.029
5.978	-0.029
6.000	-0.029
6.022	-0.029
6.044	-0.028
6.067	-0.028
6.089	-0.028
6.111	-0.028
6.133	-0.028
6.156	-0.027
6.178	-0.027
6.200	-0.027
6.222	-0.027
6.244	-0.027

6.267	-0.027
6.289	-0.027
6.311	-0.027
6.333	-0.026
6.356	-0.026
6.378	-0.026
6.400	-0.026
6.422	-0.026
6.444	-0.026
6.467	-0.026
6.489	-0.026
6.511	-0.026
6.533	-0.025
6.556	-0.025
6.578	-0.025
6.600	-0.025
6.622	-0.025
6.644	-0.025
6.667	-0.025
6.689	-0.025
6.711	-0.025
6.733	-0.025
6.756	-0.025
6.778	-0.024
6.800	-0.024
6.822	-0.024
6.844	-0.024
6.867	-0.024
6.889	-0.024
6.911	-0.024
6.933	-0.024
6.956	-0.024
6.978	-0.024
7.000	-0.024
7.022	-0.024
7.044	-0.023
7.067	-0.023
7.089	-0.023
7.111	-0.023
7.133	-0.023
7.156	-0.022
7.178	-0.022
7.200	-0.022
7.222	-0.022
7.244	-0.022
7.267	-0.022
7.289	-0.022
7.311	-0.022
7.333	-0.022
7.356	-0.022
7.378	-0.022
7.400	-0.021
7.422	-0.021
7.444	-0.021
7.467	-0.021
7.489	-0.021
7.511	-0.021
7.533	-0.021
7.556	-0.021
7.578	-0.021
7.600	-0.021
7.622	-0.021
7.644	-0.021
7.667	-0.021
7.689	-0.021

7.711	-0.021
7.733	-0.021
7.756	-0.021
7.778	-0.021
7.800	-0.021
7.822	-0.021
7.844	-0.021
7.867	-0.020
7.889	-0.020
7.911	-0.020
7.933	-0.020
7.956	-0.020
7.978	-0.020
8.000	-0.020
8.022	-0.020
8.044	-0.020
8.067	-0.020
8.089	-0.020
8.111	-0.019
8.133	-0.019
8.156	-0.019
8.178	-0.019
8.200	-0.019
8.222	-0.019
8.244	-0.019
8.267	-0.018
8.289	-0.018
8.311	-0.018
8.333	-0.018
8.356	-0.018
8.378	-0.018
8.400	-0.018
8.422	-0.018
8.444	-0.018
8.467	-0.018
8.489	-0.018
8.511	-0.018
8.533	-0.018
8.556	-0.018
8.578	-0.018
8.600	-0.018
8.622	-0.018
8.644	-0.018
8.667	-0.018
8.689	-0.018
8.711	-0.018
8.733	-0.018
8.756	-0.018
8.778	-0.018
8.800	-0.018
8.822	-0.018
8.844	-0.017
8.867	-0.017
8.889	-0.017
8.911	-0.017
128.911	-0.002
248.911	-0.000
344.911	0.000
368.911	0.000
488.911	0.000
608.911	0.000
728.911	0.000

Name: Hyd-24hr Node: Node312 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000

1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	-0.000
1.533	-0.000
1.556	-0.000
1.578	-0.000
1.600	-0.000
1.622	-0.000
1.644	-0.001
1.667	-0.001
1.689	-0.002
1.711	-0.002
1.733	-0.003
1.756	-0.003
1.778	-0.004
1.800	-0.004
1.822	-0.005
1.844	-0.006
1.867	-0.006
1.889	-0.007
1.911	-0.008
1.933	-0.009
1.956	-0.009
1.978	-0.010
2.000	-0.011
2.022	-0.012
2.044	-0.013
2.067	-0.014
2.089	-0.016
2.111	-0.018
2.133	-0.020
2.156	-0.021
2.178	-0.023
2.200	-0.025
2.222	-0.027
2.244	-0.028
2.267	-0.030
2.289	-0.031
2.311	-0.033
2.333	-0.034
2.356	-0.036
2.378	-0.037
2.400	-0.039
2.422	-0.040
2.444	-0.040
2.467	-0.040
2.489	-0.040
2.511	-0.040
2.533	-0.040
2.556	-0.041
2.578	-0.041
2.600	-0.041
2.622	-0.042
2.644	-0.042
2.667	-0.042
2.689	-0.043
2.711	-0.043
2.733	-0.044
2.756	-0.044
2.778	-0.045
2.800	-0.045

2.822	-0.046
2.844	-0.046
2.867	-0.047
2.889	-0.047
2.911	-0.048
2.933	-0.048
2.956	-0.049
2.978	-0.049
3.000	-0.050
3.022	-0.050
3.044	-0.051
3.067	-0.052
3.089	-0.052
3.111	-0.053
3.133	-0.053
3.156	-0.054
3.178	-0.054
3.200	-0.055
3.222	-0.056
3.244	-0.056
3.267	-0.057
3.289	-0.057
3.311	-0.058
3.333	-0.058
3.356	-0.059
3.378	-0.059
3.400	-0.060
3.422	-0.061
3.444	-0.061
3.467	-0.062
3.489	-0.062
3.511	-0.063
3.533	-0.063
3.556	-0.064
3.578	-0.064
3.600	-0.065
3.622	-0.065
3.644	-0.066
3.667	-0.067
3.689	-0.067
3.711	-0.068
3.733	-0.068
3.756	-0.069
3.778	-0.069
3.800	-0.070
3.822	-0.070
3.844	-0.071
3.867	-0.071
3.889	-0.072
3.911	-0.072
3.933	-0.073
3.956	-0.073
3.978	-0.074
4.000	-0.074
4.022	-0.075
4.044	-0.075
4.067	-0.076
4.089	-0.076
4.111	-0.077
4.133	-0.077
4.156	-0.077
4.178	-0.078
4.200	-0.078
4.222	-0.079
4.244	-0.079

4.267	-0.080
4.289	-0.080
4.311	-0.081
4.333	-0.081
4.356	-0.082
4.378	-0.082
4.400	-0.082
4.422	-0.083
4.444	-0.083
4.467	-0.084
4.489	-0.084
4.511	-0.085
4.533	-0.085
4.556	-0.085
4.578	-0.086
4.600	-0.086
4.622	-0.087
4.644	-0.087
4.667	-0.087
4.689	-0.088
4.711	-0.088
4.733	-0.089
4.756	-0.089
4.778	-0.089
4.800	-0.090
4.822	-0.090
4.844	-0.091
4.867	-0.091
4.889	-0.091
4.911	-0.092
4.933	-0.092
4.956	-0.092
4.978	-0.093
5.000	-0.093
5.022	-0.094
5.044	-0.094
5.067	-0.094
5.089	-0.095
5.111	-0.095
5.133	-0.096
5.156	-0.096
5.178	-0.097
5.200	-0.098
5.222	-0.098
5.244	-0.099
5.267	-0.100
5.289	-0.101
5.311	-0.101
5.333	-0.102
5.356	-0.103
5.378	-0.104
5.400	-0.104
5.422	-0.105
5.444	-0.106
5.467	-0.106
5.489	-0.107
5.511	-0.108
5.533	-0.109
5.556	-0.109
5.578	-0.110
5.600	-0.111
5.622	-0.111
5.644	-0.112
5.667	-0.113
5.689	-0.113

5.711	-0.114
5.733	-0.115
5.756	-0.115
5.778	-0.116
5.800	-0.117
5.822	-0.117
5.844	-0.118
5.867	-0.119
5.889	-0.119
5.911	-0.120
5.933	-0.120
5.956	-0.121
5.978	-0.122
6.000	-0.122
6.022	-0.123
6.044	-0.123
6.067	-0.124
6.089	-0.125
6.111	-0.125
6.133	-0.126
6.156	-0.126
6.178	-0.127
6.200	-0.127
6.222	-0.128
6.244	-0.128
6.267	-0.129
6.289	-0.129
6.311	-0.130
6.333	-0.130
6.356	-0.131
6.378	-0.131
6.400	-0.132
6.422	-0.132
6.444	-0.133
6.467	-0.133
6.489	-0.134
6.511	-0.134
6.533	-0.135
6.556	-0.347
6.578	-0.480
6.600	-0.382
6.622	-0.345
6.644	-0.314
6.667	-0.288
6.689	-0.265
6.711	-0.245
6.733	-0.229
6.756	-0.214
6.778	-0.202
6.800	-0.191
6.822	-0.182
6.844	-0.174
6.867	-0.167
6.889	-0.160
6.911	-0.155
6.933	-0.150
6.956	-0.146
6.978	-0.142
7.000	-0.139
7.022	-0.135
7.044	-0.133
7.067	-0.130
7.089	-0.128
7.111	-0.126
7.133	-0.124

7.156	-0.122
7.178	-0.120
7.200	-0.119
7.222	-0.117
7.244	-0.116
7.267	-0.115
7.289	-0.114
7.311	-0.113
7.333	-0.112
7.356	-0.111
7.378	-0.110
7.400	-0.109
7.422	-0.108
7.444	-0.107
7.467	-0.107
7.489	-0.106
7.511	-0.105
7.533	-0.105
7.556	-0.104
7.578	-0.104
7.600	-0.103
7.622	-0.102
7.644	-0.102
7.667	-0.102
7.689	-0.101
7.711	-0.101
7.733	-0.100
7.756	-0.100
7.778	-0.099
7.800	-0.099
7.822	-0.099
7.844	-0.098
7.867	-0.098
7.889	-0.098
7.911	-0.097
7.933	-0.097
7.956	-0.097
7.978	-0.097
8.000	-0.096
8.022	-0.096
8.044	-0.096
8.067	-0.096
8.089	-0.096
8.111	-0.096
8.133	-0.096
8.156	-0.097
8.178	-0.097
8.200	-0.097
8.222	-0.098
8.244	-0.098
8.267	-0.098
8.289	-0.099
8.311	-0.099
8.333	-0.099
8.356	-0.100
8.378	-0.100
8.400	-0.100
8.422	-0.101
8.444	-0.101
8.467	-0.101
8.489	-0.101
8.511	-0.101
8.533	-0.102
8.556	-0.102
8.578	-0.102

8.600	-0.102
8.622	-0.102
8.644	-0.103
8.667	-0.103
8.689	-0.103
8.711	-0.103
8.733	-0.103
8.756	-0.103
8.778	-0.103
8.800	-0.103
8.822	-0.103
8.844	-0.103
8.867	-0.104
8.889	-0.104
8.911	-0.104
8.933	-0.104
8.956	-0.104
8.978	-0.104
9.000	-0.104
9.022	-0.104
9.044	-0.104
9.067	-0.104
9.089	-0.104
9.111	-0.104
9.133	-0.104
9.156	-0.104
9.178	-0.104
9.200	-0.104
9.222	-0.104
9.244	-0.104
9.267	-0.104
9.289	-0.104
9.311	-0.104
9.333	-0.104
9.356	-0.104
9.378	-0.104
9.400	-0.104
9.422	-0.104
9.444	-0.104
9.467	-0.104
9.489	-0.104
9.511	-0.104
9.533	-0.104
9.556	-0.104
9.578	-0.104
9.600	-0.104
9.622	-0.104
9.644	-0.104
9.667	-0.104
9.689	-0.104
9.711	-0.104
9.733	-0.104
9.756	-0.104
9.778	-0.104
9.800	-0.104
9.822	-0.104
9.844	-0.104
9.867	-0.104
9.889	-0.104
9.911	-0.104
9.933	-0.104
9.956	-0.104
9.978	-0.104
10.000	-0.104
10.022	-0.104

10.044	-0.104
10.067	-0.104
10.089	-0.105
10.111	-0.105
10.133	-0.105
10.156	-0.106
10.178	-0.106
10.200	-0.106
10.222	-0.107
10.244	-0.107
10.267	-0.108
10.289	-0.108
10.311	-0.108
10.333	-0.109
10.356	-0.109
10.378	-0.109
10.400	-0.110
10.422	-0.110
10.444	-0.110
10.467	-0.111
10.489	-0.111
10.511	-0.111
10.533	-0.111
10.556	-0.112
10.578	-0.112
10.600	-0.112
10.622	-0.112
10.644	-0.113
10.667	-0.113
10.689	-0.113
10.711	-0.113
10.733	-0.113
10.756	-0.113
10.778	-0.114
10.800	-0.114
10.822	-0.114
10.844	-0.114
10.867	-0.114
10.889	-0.114
10.911	-0.115
10.933	-0.116
10.956	-0.117
10.978	-0.119
11.000	-0.120
11.022	-0.120
11.044	-0.120
11.067	-0.121
11.089	-0.121
11.111	-0.121
11.133	-0.121
11.156	-0.121
11.178	-0.120
11.200	-0.120
11.222	-0.120
11.244	-0.119
11.267	-0.119
11.289	-0.118
11.311	-0.117
11.333	-0.116
11.356	-0.116
11.378	-0.115
11.400	-0.114
11.422	-0.113
11.444	-0.112
11.467	-0.111

11.489	-0.111
11.511	-0.110
11.533	-0.109
11.556	-0.108
11.578	-0.107
11.600	-0.106
11.622	-0.106
11.644	-0.105
11.667	-0.104
11.689	-0.103
11.711	-0.103
11.733	-0.102
11.756	-0.101
11.778	-0.100
11.800	-0.100
11.822	-0.099
11.844	-0.099
11.867	-0.098
11.889	-0.097
11.911	-0.097
11.933	-0.096
11.956	-0.096
11.978	-0.095
12.000	-0.094
12.022	-0.094
12.044	-0.093
12.067	-0.092
12.089	-0.091
12.111	-0.090
12.133	-0.089
12.156	-0.087
12.178	-0.086
12.200	-0.086
12.222	-0.085
12.244	-0.084
12.267	-0.084
12.289	-0.083
12.311	-0.082
12.333	-0.082
12.356	-0.082
12.378	-0.081
12.400	-0.081
12.422	-0.081
12.444	-0.080
12.467	-0.080
12.489	-0.080
12.511	-0.079
12.533	-0.079
12.556	-0.079
12.578	-0.079
12.600	-0.079
12.622	-0.078
12.644	-0.078
12.667	-0.078
12.689	-0.078
12.711	-0.078
12.733	-0.078
12.756	-0.077
12.778	-0.077
12.800	-0.077
12.822	-0.077
12.844	-0.077
12.867	-0.077
12.889	-0.077
12.911	-0.076

12.933	-0.076
12.956	-0.076
12.978	-0.076
13.000	-0.076
13.022	-0.076
13.044	-0.075
13.067	-0.075
13.089	-0.075
13.111	-0.074
13.133	-0.074
13.156	-0.074
13.178	-0.073
13.200	-0.073
13.222	-0.073
13.244	-0.072
13.267	-0.072
13.289	-0.072
13.311	-0.072
13.333	-0.072
13.356	-0.071
13.378	-0.071
13.400	-0.071
13.422	-0.071
13.444	-0.071
13.467	-0.071
13.489	-0.071
13.511	-0.070
13.533	-0.070
13.556	-0.070
13.578	-0.070
13.600	-0.070
13.622	-0.070
13.644	-0.070
13.667	-0.070
13.689	-0.070
13.711	-0.069
13.733	-0.069
13.756	-0.069
13.778	-0.069
13.800	-0.069
13.822	-0.069
13.844	-0.069
13.867	-0.069
13.889	-0.069
13.911	-0.069
13.933	-0.068
13.956	-0.068
13.978	-0.068
14.000	-0.068
14.022	-0.068
14.044	-0.068
14.067	-0.068
14.089	-0.068
14.111	-0.068
14.133	-0.067
14.156	-0.067
14.178	-0.067
14.200	-0.067
14.222	-0.067
14.244	-0.067
14.267	-0.067
14.289	-0.067
14.311	-0.067
14.333	-0.066
14.356	-0.066

14.378	-0.066
14.400	-0.066
14.422	-0.066
14.444	-0.066
14.467	-0.066
14.489	-0.066
14.511	-0.066
14.533	-0.066
14.556	-0.065
14.578	-0.065
14.600	-0.065
14.622	-0.065
14.644	-0.065
14.667	-0.065
14.689	-0.065
14.711	-0.065
14.733	-0.065
14.756	-0.065
14.778	-0.064
14.800	-0.064
14.822	-0.064
14.844	-0.064
14.867	-0.064
14.889	-0.064
14.911	-0.064
14.933	-0.064
14.956	-0.064
14.978	-0.064
15.000	-0.063
15.022	-0.063
15.044	-0.063
15.067	-0.063
15.089	-0.063
15.111	-0.062
15.133	-0.062
15.156	-0.062
15.178	-0.061
15.200	-0.061
15.222	-0.061
15.244	-0.061
15.267	-0.060
15.289	-0.060
15.311	-0.060
15.333	-0.060
15.356	-0.060
15.378	-0.060
15.400	-0.060
15.422	-0.060
15.444	-0.059
15.467	-0.059
15.489	-0.059
15.511	-0.059
15.533	-0.059
15.556	-0.059
15.578	-0.059
15.600	-0.059
15.622	-0.059
15.644	-0.059
15.667	-0.059
15.689	-0.059
15.711	-0.059
15.733	-0.059
15.756	-0.059
15.778	-0.059
15.800	-0.059

15.822	-0.058
15.844	-0.058
15.867	-0.058
15.889	-0.058
15.911	-0.058
15.933	-0.058
15.956	-0.058
15.978	-0.058
16.000	-0.058
16.022	-0.058
16.044	-0.058
16.067	-0.058
16.089	-0.057
16.111	-0.057
16.133	-0.057
16.156	-0.057
16.178	-0.056
16.200	-0.056
16.222	-0.056
16.244	-0.056
16.267	-0.056
16.289	-0.055
16.311	-0.055
16.333	-0.055
16.356	-0.055
16.378	-0.055
16.400	-0.055
16.422	-0.055
16.444	-0.055
16.467	-0.055
16.489	-0.055
16.511	-0.055
16.533	-0.055
16.556	-0.054
16.578	-0.054
16.600	-0.054
16.622	-0.054
16.644	-0.054
16.667	-0.054
16.689	-0.054
16.711	-0.054
16.733	-0.054
16.756	-0.054
16.778	-0.054
16.800	-0.054
16.822	-0.054
16.844	-0.054
16.867	-0.054
16.889	-0.054
16.911	-0.054
16.933	-0.054
16.956	-0.054
16.978	-0.054
17.000	-0.054
17.022	-0.054
17.044	-0.054
17.067	-0.054
17.089	-0.054
17.111	-0.054
17.133	-0.054
17.156	-0.054
17.178	-0.054
17.200	-0.054
17.222	-0.054
17.244	-0.053

17.267	-0.053
17.289	-0.053
17.311	-0.053
17.333	-0.053
17.356	-0.053
17.378	-0.053
17.400	-0.053
17.422	-0.053
17.444	-0.053
17.467	-0.053
17.489	-0.053
17.511	-0.053
17.533	-0.053
17.556	-0.053
17.578	-0.053
17.600	-0.053
17.622	-0.053
17.644	-0.053
17.667	-0.053
17.689	-0.053
17.711	-0.053
17.733	-0.053
17.756	-0.052
17.778	-0.052
17.800	-0.052
17.822	-0.052
17.844	-0.052
17.867	-0.052
17.889	-0.052
17.911	-0.052
17.933	-0.052
17.956	-0.052
17.978	-0.052
18.000	-0.052
18.022	-0.052
18.044	-0.052
18.067	-0.052
18.089	-0.052
18.111	-0.052
18.133	-0.052
18.156	-0.052
18.178	-0.052
18.200	-0.052
18.222	-0.052
18.244	-0.051
18.267	-0.051
18.289	-0.051
18.311	-0.051
18.333	-0.051
18.356	-0.051
18.378	-0.051
18.400	-0.051
18.422	-0.051
18.444	-0.051
18.467	-0.051
18.489	-0.051
18.511	-0.051
18.533	-0.051
18.556	-0.051
18.578	-0.051
18.600	-0.051
18.622	-0.051
18.644	-0.051
18.667	-0.051
18.689	-0.051

18.711	-0.050
18.733	-0.050
18.756	-0.050
18.778	-0.050
18.800	-0.050
18.822	-0.050
18.844	-0.050
18.867	-0.050
18.889	-0.050
18.911	-0.050
18.933	-0.050
18.956	-0.050
18.978	-0.050
19.000	-0.050
19.022	-0.050
19.044	-0.050
19.067	-0.050
19.089	-0.049
19.111	-0.049
19.133	-0.049
19.156	-0.049
19.178	-0.048
19.200	-0.048
19.222	-0.048
19.244	-0.048
19.267	-0.048
19.289	-0.047
19.311	-0.047
19.333	-0.047
19.356	-0.047
19.378	-0.047
19.400	-0.047
19.422	-0.047
19.444	-0.047
19.467	-0.047
19.489	-0.047
19.511	-0.047
19.533	-0.047
19.556	-0.047
19.578	-0.047
19.600	-0.047
19.622	-0.047
19.644	-0.047
19.667	-0.046
19.689	-0.046
19.711	-0.046
19.733	-0.046
19.756	-0.046
19.778	-0.046
19.800	-0.046
19.822	-0.046
19.844	-0.046
19.867	-0.046
19.889	-0.046
19.911	-0.046
19.933	-0.046
19.956	-0.046
19.978	-0.046
20.000	-0.046
20.022	-0.046
20.044	-0.046
20.067	-0.046
20.089	-0.046
20.111	-0.046
20.133	-0.046

20.156	-0.046
20.178	-0.046
20.200	-0.046
20.222	-0.046
20.244	-0.046
20.267	-0.046
20.289	-0.046
20.311	-0.046
20.333	-0.046
20.356	-0.046
20.378	-0.046
20.400	-0.046
20.422	-0.046
20.444	-0.046
20.467	-0.046
20.489	-0.046
20.511	-0.046
20.533	-0.046
20.556	-0.046
20.578	-0.046
20.600	-0.046
20.622	-0.046
20.644	-0.046
20.667	-0.046
20.689	-0.046
20.711	-0.046
20.733	-0.046
20.756	-0.046
20.778	-0.046
20.800	-0.046
20.822	-0.046
20.844	-0.046
20.867	-0.046
20.889	-0.045
20.911	-0.045
20.933	-0.045
20.956	-0.045
20.978	-0.045
21.000	-0.045
21.022	-0.045
21.044	-0.045
21.067	-0.045
21.089	-0.045
21.111	-0.045
21.133	-0.044
21.156	-0.044
21.178	-0.044
21.200	-0.044
21.222	-0.044
21.244	-0.043
21.267	-0.043
21.289	-0.043
21.311	-0.043
21.333	-0.043
21.356	-0.043
21.378	-0.043
21.400	-0.043
21.422	-0.043
21.444	-0.042
21.467	-0.042
21.489	-0.042
21.511	-0.042
21.533	-0.042
21.556	-0.042
21.578	-0.042

21.600	-0.042
21.622	-0.042
21.644	-0.042
21.667	-0.042
21.689	-0.042
21.711	-0.042
21.733	-0.042
21.756	-0.042
21.778	-0.042
21.800	-0.042
21.822	-0.042
21.844	-0.042
21.867	-0.042
21.889	-0.042
21.911	-0.042
21.933	-0.042
21.956	-0.042
21.978	-0.042
22.000	-0.042
22.022	-0.042
22.044	-0.042
22.067	-0.042
22.089	-0.042
22.111	-0.042
22.133	-0.041
22.156	-0.041
22.178	-0.041
22.200	-0.041
22.222	-0.041
22.244	-0.040
22.267	-0.040
22.289	-0.040
22.311	-0.040
22.333	-0.040
22.356	-0.040
22.378	-0.040
22.400	-0.040
22.422	-0.040
22.444	-0.040
22.467	-0.040
22.489	-0.040
22.511	-0.039
22.533	-0.039
22.556	-0.039
22.578	-0.039
22.600	-0.039
22.622	-0.039
22.644	-0.039
22.667	-0.039
22.689	-0.039
22.711	-0.039
22.733	-0.039
22.756	-0.039
22.778	-0.039
22.800	-0.039
22.822	-0.039
22.844	-0.039
22.867	-0.039
22.889	-0.039
22.911	-0.039
22.933	-0.039
22.956	-0.039
22.978	-0.039
23.000	-0.039
23.022	-0.039

23.044	-0.039
23.067	-0.039
23.089	-0.039
23.111	-0.039
23.133	-0.039
23.156	-0.039
23.178	-0.039
23.200	-0.039
23.222	-0.039
23.244	-0.039
23.267	-0.039
23.289	-0.039
23.311	-0.039
23.333	-0.039
23.356	-0.039
23.378	-0.039
23.400	-0.039
23.422	-0.039
23.444	-0.039
23.467	-0.039
23.489	-0.039
23.511	-0.039
23.533	-0.039
23.556	-0.039
23.578	-0.039
23.600	-0.039
23.622	-0.039
23.644	-0.039
23.667	-0.039
23.689	-0.039
23.711	-0.039
23.733	-0.039
23.756	-0.039
23.778	-0.039
23.800	-0.039
23.822	-0.039
23.844	-0.039
23.867	-0.039
23.889	-0.039
23.911	-0.039
23.933	-0.039
23.956	-0.039
23.978	-0.039
24.000	-0.039
24.022	-0.039
24.044	-0.039
24.067	-0.039
24.089	-0.039
24.111	-0.039
24.133	-0.038
24.156	-0.038
24.178	-0.038
24.200	-0.038
24.222	-0.038
24.244	-0.038
24.267	-0.037
24.289	-0.037
24.311	-0.037
24.333	-0.037
24.356	-0.037
24.378	-0.037
24.400	-0.037
24.422	-0.037
24.444	-0.037
24.467	-0.036

24.489	-0.036
24.511	-0.036
24.533	-0.036
24.556	-0.036
24.578	-0.036
24.600	-0.036
24.622	-0.036
24.644	-0.036
24.667	-0.036
24.689	-0.036
24.711	-0.036
24.733	-0.035
24.756	-0.035
24.778	-0.035
24.800	-0.035
24.822	-0.035
24.844	-0.035
24.867	-0.035
24.889	-0.035
24.911	-0.035
36.911	-0.018
48.911	-0.012
72.911	-0.007
168.911	-0.001
264.911	-0.000
336.911	0.000
384.911	0.000
504.911	0.000
624.911	0.000
744.911	0.000

Name: Hyd-24hr Node: Node314 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000

0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	-0.000
1.533	-0.000
1.556	-0.000
1.578	-0.000
1.600	-0.000
1.622	-0.001
1.644	-0.001
1.667	-0.002
1.689	-0.002
1.711	-0.003
1.733	-0.004
1.756	-0.005
1.778	-0.006
1.800	-0.007
1.822	-0.008
1.844	-0.009
1.867	-0.010
1.889	-0.012
1.911	-0.013
1.933	-0.014
1.956	-0.015
1.978	-0.016
2.000	-0.017
2.022	-0.019
2.044	-0.021
2.067	-0.023

2.089	-0.025
2.111	-0.028
2.133	-0.031
2.156	-0.034
2.178	-0.037
2.200	-0.040
2.222	-0.042
2.244	-0.045
2.267	-0.048
2.289	-0.050
2.311	-0.052
2.333	-0.055
2.356	-0.057
2.378	-0.060
2.400	-0.062
2.422	-0.063
2.444	-0.063
2.467	-0.064
2.489	-0.064
2.511	-0.064
2.533	-0.065
2.556	-0.065
2.578	-0.065
2.600	-0.066
2.622	-0.067
2.644	-0.067
2.667	-0.068
2.689	-0.068
2.711	-0.069
2.733	-0.070
2.756	-0.071
2.778	-0.071
2.800	-0.072
2.822	-0.073
2.844	-0.074
2.867	-0.075
2.889	-0.075
2.911	-0.076
2.933	-0.077
2.956	-0.078
2.978	-0.079
3.000	-0.080
3.022	-0.081
3.044	-0.082
3.067	-0.082
3.089	-0.083
3.111	-0.084
3.133	-0.085
3.156	-0.086
3.178	-0.087
3.200	-0.088
3.222	-0.089
3.244	-0.090
3.267	-0.091
3.289	-0.092
3.311	-0.092
3.333	-0.093
3.356	-0.094
3.378	-0.095
3.400	-0.096
3.422	-0.097
3.444	-0.098
3.467	-0.099
3.489	-0.100
3.511	-0.100

3.533	-0.101
3.556	-0.102
3.578	-0.103
3.600	-0.104
3.622	-0.105
3.644	-0.106
3.667	-0.106
3.689	-0.107
3.711	-0.108
3.733	-0.109
3.756	-0.110
3.778	-0.111
3.800	-0.111
3.822	-0.112
3.844	-0.113
3.867	-0.114
3.889	-0.115
3.911	-0.115
3.933	-0.116
3.956	-0.117
3.978	-0.118
4.000	-0.119
4.022	-0.119
4.044	-0.120
4.067	-0.121
4.089	-0.122
4.111	-0.122
4.133	-0.123
4.156	-0.124
4.178	-0.125
4.200	-0.125
4.222	-0.126
4.244	-0.127
4.267	-0.128
4.289	-0.128
4.311	-0.129
4.333	-0.130
4.356	-0.130
4.378	-0.131
4.400	-0.132
4.422	-0.132
4.444	-0.133
4.467	-0.134
4.489	-0.135
4.511	-0.135
4.533	-0.136
4.556	-0.137
4.578	-0.137
4.600	-0.138
4.622	-0.139
4.644	-0.139
4.667	-0.140
4.689	-0.140
4.711	-0.141
4.733	-0.142
4.756	-0.142
4.778	-0.143
4.800	-0.144
4.822	-0.144
4.844	-0.145
4.867	-0.145
4.889	-0.146
4.911	-0.147
4.933	-0.147
4.956	-0.148

4.978	-0.148
5.000	-0.149
5.022	-0.150
5.044	-0.150
5.067	-0.151
5.089	-0.152
5.111	-0.152
5.133	-0.153
5.156	-0.154
5.178	-0.155
5.200	-0.156
5.222	-0.158
5.244	-0.159
5.267	-0.160
5.289	-0.161
5.311	-0.162
5.333	-0.163
5.356	-0.164
5.378	-0.166
5.400	-0.167
5.422	-0.168
5.444	-0.169
5.467	-0.170
5.489	-0.171
5.511	-0.173
5.533	-0.174
5.556	-0.175
5.578	-0.176
5.600	-0.177
5.622	-0.178
5.644	-0.179
5.667	-0.180
5.689	-0.182
5.711	-0.183
5.733	-0.184
5.756	-0.185
5.778	-0.186
5.800	-0.187
5.822	-0.188
5.844	-0.189
5.867	-0.190
5.889	-0.191
5.911	-0.192
5.933	-0.193
5.956	-0.194
5.978	-0.195
6.000	-0.196
6.022	-0.196
6.044	-0.197
6.067	-0.198
6.089	-0.199
6.111	-0.200
6.133	-0.201
6.156	-0.202
6.178	-0.203
6.200	-0.204
6.222	-0.204
6.244	-0.205
6.267	-0.206
6.289	-0.207
6.311	-0.208
6.333	-0.209
6.356	-0.209
6.378	-0.210
6.400	-0.211

6.422	-0.212
6.444	-0.212
6.467	-0.213
6.489	-0.214
6.511	-0.215
6.533	-0.216
6.556	-0.216
6.578	-0.217
6.600	-0.218
6.622	-0.218
6.644	-0.219
6.667	-0.220
6.689	-0.221
6.711	-0.221
6.733	-0.222
6.756	-0.223
6.778	-0.223
6.800	-0.224
6.822	-0.225
6.844	-0.225
6.867	-0.226
6.889	-0.304
6.911	-0.278
6.933	-0.174
6.956	-0.173
6.978	-0.172
7.000	-0.170
7.022	-0.169
7.044	-0.167
7.067	-0.166
7.089	-0.164
7.111	-0.163
7.133	-0.161
7.156	-0.160
7.178	-0.158
7.200	-0.156
7.222	-0.155
7.244	-0.153
7.267	-0.151
7.289	-0.150
7.311	-0.148
7.333	-0.146
7.356	-0.145
7.378	-0.143
7.400	-0.142
7.422	-0.140
7.444	-0.139
7.467	-0.137
7.489	-0.136
7.511	-0.134
7.533	-0.133
7.556	-0.132
7.578	-0.130
7.600	-0.129
7.622	-0.128
7.644	-0.127
7.667	-0.125
7.689	-0.124
7.711	-0.123
7.733	-0.122
7.756	-0.121
7.778	-0.120
7.800	-0.119
7.822	-0.118
7.844	-0.117

7.867	-0.116
7.889	-0.115
7.911	-0.114
7.933	-0.113
7.956	-0.112
7.978	-0.112
8.000	-0.111
8.022	-0.110
8.044	-0.110
8.067	-0.109
8.089	-0.108
8.111	-0.108
8.133	-0.108
8.156	-0.107
8.178	-0.107
8.200	-0.107
8.222	-0.106
8.244	-0.106
8.267	-0.106
8.289	-0.106
8.311	-0.106
8.333	-0.106
8.356	-0.106
8.378	-0.105
8.400	-0.105
8.422	-0.105
8.444	-0.105
8.467	-0.105
8.489	-0.105
8.511	-0.105
8.533	-0.105
8.556	-0.105
8.578	-0.105
8.600	-0.105
8.622	-0.105
8.644	-0.105
8.667	-0.105
8.689	-0.105
8.711	-0.105
8.733	-0.105
8.756	-0.105
8.778	-0.105
8.800	-0.105
8.822	-0.105
8.844	-0.105
8.867	-0.105
8.889	-0.105
8.911	-0.105
8.933	-0.105
8.956	-0.105
8.978	-0.105
9.000	-0.105
9.022	-0.105
9.044	-0.105
9.067	-0.105
9.089	-0.104
9.111	-0.104
9.133	-0.104
9.156	-0.104
9.178	-0.104
9.200	-0.104
9.222	-0.104
9.244	-0.104
9.267	-0.104
9.289	-0.104

9.311	-0.104
9.333	-0.104
9.356	-0.104
9.378	-0.104
9.400	-0.104
9.422	-0.104
9.444	-0.104
9.467	-0.104
9.489	-0.104
9.511	-0.104
9.533	-0.104
9.556	-0.104
9.578	-0.104
9.600	-0.104
9.622	-0.104
9.644	-0.104
9.667	-0.104
9.689	-0.104
9.711	-0.104
9.733	-0.104
9.756	-0.104
9.778	-0.104
9.800	-0.104
9.822	-0.104
9.844	-0.104
9.867	-0.104
9.889	-0.104
9.911	-0.104
9.933	-0.104
9.956	-0.104
9.978	-0.104
10.000	-0.104
10.022	-0.104
10.044	-0.104
10.067	-0.104
10.089	-0.104
10.111	-0.104
10.133	-0.104
10.156	-0.104
10.178	-0.104
10.200	-0.105
10.222	-0.105
10.244	-0.105
10.267	-0.105
10.289	-0.106
10.311	-0.106
10.333	-0.106
10.356	-0.106
10.378	-0.107
10.400	-0.107
10.422	-0.107
10.444	-0.108
10.467	-0.109
10.489	-0.110
10.511	-0.112
10.533	-0.113
10.556	-0.114
10.578	-0.115
10.600	-0.116
10.622	-0.116
10.644	-0.117
10.667	-0.117
10.689	-0.117
10.711	-0.117
10.733	-0.116

10.756	-0.116
10.778	-0.116
10.800	-0.115
10.822	-0.115
10.844	-0.115
10.867	-0.114
10.889	-0.113
10.911	-0.113
10.933	-0.112
10.956	-0.112
10.978	-0.111
11.000	-0.110
11.022	-0.110
11.044	-0.109
11.067	-0.109
11.089	-0.109
11.111	-0.108
11.133	-0.108
11.156	-0.108
11.178	-0.108
11.200	-0.107
11.222	-0.107
11.244	-0.107
11.267	-0.106
11.289	-0.106
11.311	-0.105
11.333	-0.105
11.356	-0.104
11.378	-0.104
11.400	-0.103
11.422	-0.103
11.444	-0.102
11.467	-0.102
11.489	-0.101
11.511	-0.100
11.533	-0.100
11.556	-0.099
11.578	-0.099
11.600	-0.098
11.622	-0.098
11.644	-0.097
11.667	-0.097
11.689	-0.096
11.711	-0.096
11.733	-0.095
11.756	-0.094
11.778	-0.094
11.800	-0.093
11.822	-0.093
11.844	-0.092
11.867	-0.092
11.889	-0.091
11.911	-0.091
11.933	-0.091
11.956	-0.090
11.978	-0.090
12.000	-0.089
12.022	-0.089
12.044	-0.088
12.067	-0.087
12.089	-0.086
12.111	-0.085
12.133	-0.083
12.156	-0.082
12.178	-0.081

12.200	-0.081
12.222	-0.080
12.244	-0.079
12.267	-0.078
12.289	-0.078
12.311	-0.077
12.333	-0.077
12.356	-0.076
12.378	-0.076
12.400	-0.076
12.422	-0.075
12.444	-0.075
12.467	-0.075
12.489	-0.074
12.511	-0.074
12.533	-0.074
12.556	-0.073
12.578	-0.073
12.600	-0.073
12.622	-0.073
12.644	-0.072
12.667	-0.072
12.689	-0.072
12.711	-0.072
12.733	-0.072
12.756	-0.071
12.778	-0.071
12.800	-0.071
12.822	-0.071
12.844	-0.071
12.867	-0.071
12.889	-0.071
12.911	-0.070
12.933	-0.070
12.956	-0.070
12.978	-0.070
13.000	-0.070
13.022	-0.070
13.044	-0.070
13.067	-0.069
13.089	-0.069
13.111	-0.068
13.133	-0.068
13.156	-0.068
13.178	-0.067
13.200	-0.067
13.222	-0.067
13.244	-0.067
13.267	-0.066
13.289	-0.066
13.311	-0.066
13.333	-0.066
13.356	-0.066
13.378	-0.065
13.400	-0.065
13.422	-0.065
13.444	-0.065
13.467	-0.065
13.489	-0.065
13.511	-0.065
13.533	-0.064
13.556	-0.064
13.578	-0.064
13.600	-0.064
13.622	-0.064

13.644	-0.064
13.667	-0.064
13.689	-0.064
13.711	-0.064
13.733	-0.063
13.756	-0.063
13.778	-0.063
13.800	-0.063
13.822	-0.063
13.844	-0.063
13.867	-0.063
13.889	-0.063
13.911	-0.063
13.933	-0.063
13.956	-0.063
13.978	-0.062
14.000	-0.062
14.022	-0.062
14.044	-0.062
14.067	-0.062
14.089	-0.062
14.111	-0.062
14.133	-0.062
14.156	-0.062
14.178	-0.062
14.200	-0.062
14.222	-0.061
14.244	-0.061
14.267	-0.061
14.289	-0.061
14.311	-0.061
14.333	-0.061
14.356	-0.061
14.378	-0.061
14.400	-0.061
14.422	-0.061
14.444	-0.060
14.467	-0.060
14.489	-0.060
14.511	-0.060
14.533	-0.060
14.556	-0.060
14.578	-0.060
14.600	-0.060
14.622	-0.060
14.644	-0.060
14.667	-0.060
14.689	-0.060
14.711	-0.059
14.733	-0.059
14.756	-0.059
14.778	-0.059
14.800	-0.059
14.822	-0.059
14.844	-0.059
14.867	-0.059
14.889	-0.059
14.911	-0.059
14.933	-0.059
14.956	-0.058
14.978	-0.058
15.000	-0.058
15.022	-0.058
15.044	-0.058
15.067	-0.058

15.089	-0.057
15.111	-0.057
15.133	-0.057
15.156	-0.056
15.178	-0.056
15.200	-0.056
15.222	-0.056
15.244	-0.056
15.267	-0.055
15.289	-0.055
15.311	-0.055
15.333	-0.055
15.356	-0.055
15.378	-0.055
15.400	-0.054
15.422	-0.054
15.444	-0.054
15.467	-0.054
15.489	-0.054
15.511	-0.054
15.533	-0.054
15.556	-0.054
15.578	-0.054
15.600	-0.054
15.622	-0.054
15.644	-0.054
15.667	-0.053
15.689	-0.053
15.711	-0.053
15.733	-0.053
15.756	-0.053
15.778	-0.053
15.800	-0.053
15.822	-0.053
15.844	-0.053
15.867	-0.053
15.889	-0.053
15.911	-0.053
15.933	-0.053
15.956	-0.053
15.978	-0.053
16.000	-0.053
16.022	-0.053
16.044	-0.052
16.067	-0.052
16.089	-0.052
16.111	-0.052
16.133	-0.051
16.156	-0.051
16.178	-0.051
16.200	-0.051
16.222	-0.051
16.244	-0.050
16.267	-0.050
16.289	-0.050
16.311	-0.050
16.333	-0.050
16.356	-0.050
16.378	-0.050
16.400	-0.049
16.422	-0.049
16.444	-0.049
16.467	-0.049
16.489	-0.049
16.511	-0.049

16.533	-0.049
16.556	-0.049
16.578	-0.049
16.600	-0.049
16.622	-0.049
16.644	-0.049
16.667	-0.049
16.689	-0.049
16.711	-0.049
16.733	-0.049
16.756	-0.049
16.778	-0.049
16.800	-0.049
16.822	-0.049
16.844	-0.049
16.867	-0.049
16.889	-0.048
16.911	-0.048
16.933	-0.048
16.956	-0.048
16.978	-0.048
17.000	-0.048
17.022	-0.048
17.044	-0.048
17.067	-0.048
17.089	-0.048
17.111	-0.048
17.133	-0.048
17.156	-0.048
17.178	-0.048
17.200	-0.048
17.222	-0.048
17.244	-0.048
17.267	-0.048
17.289	-0.048
17.311	-0.048
17.333	-0.048
17.356	-0.048
17.378	-0.048
17.400	-0.048
17.422	-0.048
17.444	-0.048
17.467	-0.048
17.489	-0.048
17.511	-0.048
17.533	-0.048
17.556	-0.048
17.578	-0.048
17.600	-0.047
17.622	-0.047
17.644	-0.047
17.667	-0.047
17.689	-0.047
17.711	-0.047
17.733	-0.047
17.756	-0.047
17.778	-0.047
17.800	-0.047
17.822	-0.047
17.844	-0.047
17.867	-0.047
17.889	-0.047
17.911	-0.047
17.933	-0.047
17.956	-0.047

17.978	-0.047
18.000	-0.047
18.022	-0.047
18.044	-0.047
18.067	-0.047
18.089	-0.047
18.111	-0.047
18.133	-0.047
18.156	-0.047
18.178	-0.047
18.200	-0.046
18.222	-0.046
18.244	-0.046
18.267	-0.046
18.289	-0.046
18.311	-0.046
18.333	-0.046
18.356	-0.046
18.378	-0.046
18.400	-0.046
18.422	-0.046
18.444	-0.046
18.467	-0.046
18.489	-0.046
18.511	-0.046
18.533	-0.046
18.556	-0.046
18.578	-0.046
18.600	-0.046
18.622	-0.046
18.644	-0.046
18.667	-0.046
18.689	-0.046
18.711	-0.046
18.733	-0.046
18.756	-0.045
18.778	-0.045
18.800	-0.045
18.822	-0.045
18.844	-0.045
18.867	-0.045
18.889	-0.045
18.911	-0.045
18.933	-0.045
18.956	-0.045
18.978	-0.045
19.000	-0.045
19.022	-0.045
19.044	-0.045
19.067	-0.045
19.089	-0.044
19.111	-0.044
19.133	-0.044
19.156	-0.044
19.178	-0.043
19.200	-0.043
19.222	-0.043
19.244	-0.043
19.267	-0.043
19.289	-0.043
19.311	-0.042
19.333	-0.042
19.356	-0.042
19.378	-0.042
19.400	-0.042

19.422	-0.042
19.444	-0.042
19.467	-0.042
19.489	-0.042
19.511	-0.042
19.533	-0.042
19.556	-0.042
19.578	-0.042
19.600	-0.042
19.622	-0.042
19.644	-0.041
19.667	-0.041
19.689	-0.041
19.711	-0.041
19.733	-0.041
19.756	-0.041
19.778	-0.041
19.800	-0.041
19.822	-0.041
19.844	-0.041
19.867	-0.041
19.889	-0.041
19.911	-0.041
19.933	-0.041
19.956	-0.041
19.978	-0.041
20.000	-0.041
20.022	-0.041
20.044	-0.041
20.067	-0.041
20.089	-0.041
20.111	-0.041
20.133	-0.041
20.156	-0.041
20.178	-0.041
20.200	-0.041
20.222	-0.041
20.244	-0.041
20.267	-0.041
20.289	-0.041
20.311	-0.041
20.333	-0.041
20.356	-0.041
20.378	-0.041
20.400	-0.041
20.422	-0.041
20.444	-0.041
20.467	-0.041
20.489	-0.041
20.511	-0.041
20.533	-0.041
20.556	-0.041
20.578	-0.041
20.600	-0.041
20.622	-0.041
20.644	-0.041
20.667	-0.041
20.689	-0.041
20.711	-0.041
20.733	-0.041
20.756	-0.041
20.778	-0.041
20.800	-0.041
20.822	-0.041
20.844	-0.040

20.867	-0.040
20.889	-0.040
20.911	-0.040
20.933	-0.040
20.956	-0.040
20.978	-0.040
21.000	-0.040
21.022	-0.040
21.044	-0.040
21.067	-0.040
21.089	-0.040
21.111	-0.040
21.133	-0.039
21.156	-0.039
21.178	-0.039
21.200	-0.039
21.222	-0.039
21.244	-0.038
21.267	-0.038
21.289	-0.038
21.311	-0.038
21.333	-0.038
21.356	-0.038
21.378	-0.038
21.400	-0.038
21.422	-0.038
21.444	-0.037
21.467	-0.037
21.489	-0.037
21.511	-0.037
21.533	-0.037
21.556	-0.037
21.578	-0.037
21.600	-0.037
21.622	-0.037
21.644	-0.037
21.667	-0.037
21.689	-0.037
21.711	-0.037
21.733	-0.037
21.756	-0.037
21.778	-0.037
21.800	-0.037
21.822	-0.037
21.844	-0.037
21.867	-0.037
21.889	-0.037
21.911	-0.037
21.933	-0.037
21.956	-0.037
21.978	-0.037
22.000	-0.037
22.022	-0.037
22.044	-0.037
22.067	-0.037
22.089	-0.037
22.111	-0.036
22.133	-0.036
22.156	-0.036
22.178	-0.036
22.200	-0.036
22.222	-0.035
22.244	-0.035
22.267	-0.035
22.289	-0.035

22.311	-0.035
22.333	-0.035
22.356	-0.035
22.378	-0.035
22.400	-0.035
22.422	-0.034
22.444	-0.034
22.467	-0.034
22.489	-0.034
22.511	-0.034
22.533	-0.034
22.556	-0.034
22.578	-0.034
22.600	-0.034
22.622	-0.034
22.644	-0.034
22.667	-0.034
22.689	-0.034
22.711	-0.034
22.733	-0.034
22.756	-0.034
22.778	-0.034
22.800	-0.034
22.822	-0.034
22.844	-0.034
22.867	-0.034
22.889	-0.034
22.911	-0.034
22.933	-0.034
22.956	-0.034
22.978	-0.034
23.000	-0.034
23.022	-0.034
23.044	-0.034
23.067	-0.034
23.089	-0.034
23.111	-0.034
23.133	-0.034
23.156	-0.034
23.178	-0.034
23.200	-0.034
23.222	-0.034
23.244	-0.034
23.267	-0.034
23.289	-0.034
23.311	-0.034
23.333	-0.034
23.356	-0.034
23.378	-0.034
23.400	-0.034
23.422	-0.034
23.444	-0.034
23.467	-0.034
23.489	-0.034
23.511	-0.034
23.533	-0.034
23.556	-0.034
23.578	-0.034
23.600	-0.034
23.622	-0.034
23.644	-0.034
23.667	-0.034
23.689	-0.034
23.711	-0.034
23.733	-0.034

23.756	-0.034
23.778	-0.034
23.800	-0.034
23.822	-0.034
23.844	-0.034
23.867	-0.034
23.889	-0.034
23.911	-0.034
23.933	-0.034
23.956	-0.034
23.978	-0.034
24.000	-0.034
24.022	-0.034
24.044	-0.034
24.067	-0.034
24.089	-0.034
24.111	-0.034
24.133	-0.033
24.156	-0.033
24.178	-0.033
24.200	-0.033
24.222	-0.033
24.244	-0.033
24.267	-0.032
24.289	-0.032
24.311	-0.032
24.333	-0.032
24.356	-0.032
24.378	-0.032
24.400	-0.032
24.422	-0.032
24.444	-0.032
24.467	-0.031
24.489	-0.031
24.511	-0.031
24.533	-0.031
24.556	-0.031
24.578	-0.031
24.600	-0.031
24.622	-0.031
24.644	-0.031
24.667	-0.031
24.689	-0.031
24.711	-0.031
24.733	-0.031
24.756	-0.031
24.778	-0.031
24.800	-0.031
24.822	-0.031
24.844	-0.031
24.867	-0.031
24.889	-0.031
24.911	-0.031
36.911	-0.017
48.911	-0.015
72.911	-0.010
168.911	-0.003
264.911	-0.001
336.911	-0.000
384.911	0.000
504.911	0.000
624.911	0.000
744.911	0.000

Name: Hyd-24hr Node: Node318 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000

1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	-0.000
1.556	-0.000
1.578	-0.000
1.600	-0.000
1.622	-0.000
1.644	-0.000
1.667	-0.001
1.689	-0.001
1.711	-0.001
1.733	-0.001
1.756	-0.001
1.778	-0.002
1.800	-0.002
1.822	-0.002
1.844	-0.003
1.867	-0.003
1.889	-0.003
1.911	-0.004
1.933	-0.004
1.956	-0.004
1.978	-0.005
2.000	-0.005
2.022	-0.005
2.044	-0.006
2.067	-0.007
2.089	-0.007
2.111	-0.008
2.133	-0.009
2.156	-0.010
2.178	-0.011
2.200	-0.012
2.222	-0.012
2.244	-0.013
2.267	-0.014
2.289	-0.015
2.311	-0.015
2.333	-0.016
2.356	-0.017
2.378	-0.017
2.400	-0.018
2.422	-0.018
2.444	-0.019
2.467	-0.019
2.489	-0.019
2.511	-0.019
2.533	-0.019
2.556	-0.019
2.578	-0.019
2.600	-0.019
2.622	-0.019
2.644	-0.020
2.667	-0.020
2.689	-0.020
2.711	-0.020
2.733	-0.020
2.756	-0.021
2.778	-0.021

2.800	-0.021
2.822	-0.021
2.844	-0.022
2.867	-0.022
2.889	-0.022
2.911	-0.022
2.933	-0.023
2.956	-0.023
2.978	-0.023
3.000	-0.023
3.022	-0.024
3.044	-0.024
3.067	-0.024
3.089	-0.024
3.111	-0.025
3.133	-0.025
3.156	-0.025
3.178	-0.025
3.200	-0.026
3.222	-0.026
3.244	-0.026
3.267	-0.026
3.289	-0.027
3.311	-0.027
3.333	-0.027
3.356	-0.028
3.378	-0.028
3.400	-0.028
3.422	-0.028
3.444	-0.029
3.467	-0.029
3.489	-0.029
3.511	-0.029
3.533	-0.030
3.556	-0.030
3.578	-0.030
3.600	-0.030
3.622	-0.031
3.644	-0.031
3.667	-0.031
3.689	-0.031
3.711	-0.032
3.733	-0.032
3.756	-0.032
3.778	-0.032
3.800	-0.033
3.822	-0.033
3.844	-0.033
3.867	-0.033
3.889	-0.033
3.911	-0.034
3.933	-0.034
3.956	-0.034
3.978	-0.034
4.000	-0.035
4.022	-0.035
4.044	-0.035
4.067	-0.035
4.089	-0.035
4.111	-0.036
4.133	-0.036
4.156	-0.036
4.178	-0.036
4.200	-0.037
4.222	-0.037

4.244	-0.037
4.267	-0.037
4.289	-0.037
4.311	-0.038
4.333	-0.038
4.356	-0.038
4.378	-0.038
4.400	-0.038
4.422	-0.039
4.444	-0.039
4.467	-0.039
4.489	-0.039
4.511	-0.039
4.533	-0.040
4.556	-0.040
4.578	-0.040
4.600	-0.040
4.622	-0.040
4.644	-0.041
4.667	-0.041
4.689	-0.041
4.711	-0.041
4.733	-0.041
4.756	-0.042
4.778	-0.042
4.800	-0.042
4.822	-0.042
4.844	-0.042
4.867	-0.042
4.889	-0.043
4.911	-0.043
4.933	-0.043
4.956	-0.043
4.978	-0.043
5.000	-0.043
5.022	-0.044
5.044	-0.044
5.067	-0.044
5.089	-0.044
5.111	-0.044
5.133	-0.045
5.156	-0.045
5.178	-0.045
5.200	-0.046
5.222	-0.046
5.244	-0.046
5.267	-0.047
5.289	-0.047
5.311	-0.047
5.333	-0.048
5.356	-0.048
5.378	-0.048
5.400	-0.049
5.422	-0.049
5.444	-0.049
5.467	-0.050
5.489	-0.050
5.511	-0.050
5.533	-0.051
5.556	-0.051
5.578	-0.051
5.600	-0.052
5.622	-0.052
5.644	-0.052
5.667	-0.053

5.689	-0.053
5.711	-0.053
5.733	-0.054
5.756	-0.054
5.778	-0.054
5.800	-0.054
5.822	-0.055
5.844	-0.055
5.867	-0.055
5.889	-0.056
5.911	-0.056
5.933	-0.056
5.956	-0.057
5.978	-0.057
6.000	-0.057
6.022	-0.057
6.044	-0.058
6.067	-0.058
6.089	-0.058
6.111	-0.058
6.133	-0.059
6.156	-0.059
6.178	-0.059
6.200	-0.059
6.222	-0.060
6.244	-0.060
6.267	-0.060
6.289	-0.060
6.311	-0.061
6.333	-0.061
6.356	-0.061
6.378	-0.061
6.400	-0.062
6.422	-0.062
6.444	-0.062
6.467	-0.062
6.489	-0.062
6.511	-0.063
6.533	-0.063
6.556	-0.063
6.578	-0.063
6.600	-0.064
6.622	-0.064
6.644	-0.064
6.667	-0.064
6.689	-0.064
6.711	-0.065
6.733	-0.065
6.756	-0.065
6.778	-0.065
6.800	-0.071
6.822	-0.057
6.844	-0.038
6.867	-0.038
6.889	-0.038
6.911	-0.038
6.933	-0.038
6.956	-0.038
6.978	-0.038
7.000	-0.038
7.022	-0.038
7.044	-0.038
7.067	-0.038
7.089	-0.038
7.111	-0.038

7.133	-0.038
7.156	-0.037
7.178	-0.037
7.200	-0.037
7.222	-0.037
7.244	-0.037
7.267	-0.037
7.289	-0.036
7.311	-0.036
7.333	-0.036
7.356	-0.036
7.378	-0.036
7.400	-0.036
7.422	-0.035
7.444	-0.035
7.467	-0.035
7.489	-0.035
7.511	-0.035
7.533	-0.034
7.556	-0.034
7.578	-0.034
7.600	-0.034
7.622	-0.034
7.644	-0.033
7.667	-0.033
7.689	-0.033
7.711	-0.033
7.733	-0.033
7.756	-0.032
7.778	-0.032
7.800	-0.032
7.822	-0.032
7.844	-0.032
7.867	-0.031
7.889	-0.031
7.911	-0.031
7.933	-0.031
7.956	-0.031
7.978	-0.031
8.000	-0.031
8.022	-0.030
8.044	-0.030
8.067	-0.030
8.089	-0.030
8.111	-0.030
8.133	-0.030
8.156	-0.030
8.178	-0.030
8.200	-0.030
8.222	-0.030
8.244	-0.030
8.267	-0.029
8.289	-0.029
8.311	-0.029
8.333	-0.029
8.356	-0.029
8.378	-0.029
8.400	-0.029
8.422	-0.029
8.444	-0.029
8.467	-0.029
8.489	-0.029
8.511	-0.029
8.533	-0.029
8.556	-0.029

8.578	-0.029
8.600	-0.029
8.622	-0.029
8.644	-0.029
8.667	-0.029
8.689	-0.029
8.711	-0.029
8.733	-0.029
8.756	-0.029
8.778	-0.029
8.800	-0.029
8.822	-0.029
8.844	-0.029
8.867	-0.029
8.889	-0.029
8.911	-0.029
8.933	-0.029
8.956	-0.029
8.978	-0.029
9.000	-0.029
9.022	-0.029
9.044	-0.029
9.067	-0.029
9.089	-0.029
9.111	-0.029
9.133	-0.029
9.156	-0.029
9.178	-0.029
9.200	-0.029
9.222	-0.029
9.244	-0.029
9.267	-0.029
9.289	-0.029
9.311	-0.029
9.333	-0.029
9.356	-0.029
9.378	-0.029
9.400	-0.029
9.422	-0.029
9.444	-0.029
9.467	-0.029
9.489	-0.029
9.511	-0.029
9.533	-0.029
9.556	-0.029
9.578	-0.029
9.600	-0.029
9.622	-0.029
9.644	-0.029
9.667	-0.029
9.689	-0.029
9.711	-0.030
9.733	-0.030
9.756	-0.030
9.778	-0.030
9.800	-0.030
9.822	-0.030
9.844	-0.030
9.867	-0.030
9.889	-0.030
9.911	-0.030
9.933	-0.030
9.956	-0.030
9.978	-0.030
10.000	-0.030

10.022	-0.030
10.044	-0.030
10.067	-0.030
10.089	-0.030
10.111	-0.030
10.133	-0.030
10.156	-0.030
10.178	-0.030
10.200	-0.030
10.222	-0.030
10.244	-0.030
10.267	-0.030
10.289	-0.030
10.311	-0.030
10.333	-0.030
10.356	-0.032
10.378	-0.033
10.400	-0.035
10.422	-0.036
10.444	-0.036
10.467	-0.036
10.489	-0.036
10.511	-0.036
10.533	-0.035
10.556	-0.035
10.578	-0.034
10.600	-0.034
10.622	-0.033
10.644	-0.033
10.667	-0.032
10.689	-0.032
10.711	-0.031
10.733	-0.031
10.756	-0.031
10.778	-0.030
10.800	-0.030
10.822	-0.029
10.844	-0.029
10.867	-0.029
10.889	-0.029
10.911	-0.028
10.933	-0.028
10.956	-0.028
10.978	-0.028
11.000	-0.027
11.022	-0.027
11.044	-0.027
11.067	-0.027
11.089	-0.027
11.111	-0.027
11.133	-0.027
11.156	-0.027
11.178	-0.027
11.200	-0.027
11.222	-0.027
11.244	-0.027
11.267	-0.027
11.289	-0.027
11.311	-0.026
11.333	-0.026
11.356	-0.026
11.378	-0.026
11.400	-0.026
11.422	-0.026
11.444	-0.025

11.467	-0.025
11.489	-0.025
11.511	-0.025
11.533	-0.025
11.556	-0.025
11.578	-0.024
11.600	-0.024
11.622	-0.024
11.644	-0.024
11.667	-0.024
11.689	-0.024
11.711	-0.024
11.733	-0.024
11.756	-0.023
11.778	-0.023
11.800	-0.023
11.822	-0.023
11.844	-0.023
11.867	-0.023
11.889	-0.023
11.911	-0.023
11.933	-0.023
11.956	-0.023
11.978	-0.022
12.000	-0.022
12.022	-0.022
12.044	-0.022
12.067	-0.022
12.089	-0.021
12.111	-0.021
12.133	-0.020
12.156	-0.020
12.178	-0.020
12.200	-0.019
12.222	-0.019
12.244	-0.019
12.267	-0.019
12.289	-0.019
12.311	-0.019
12.333	-0.019
12.356	-0.019
12.378	-0.019
12.400	-0.019
12.422	-0.019
12.444	-0.019
12.467	-0.019
12.489	-0.019
12.511	-0.019
12.533	-0.019
12.556	-0.019
12.578	-0.019
12.600	-0.019
12.622	-0.019
12.644	-0.019
12.667	-0.019
12.689	-0.019
12.711	-0.019
12.733	-0.019
12.756	-0.019
12.778	-0.019
12.800	-0.019
12.822	-0.019
12.844	-0.019
12.867	-0.019
12.889	-0.019

12.911	-0.019
12.933	-0.019
12.956	-0.019
12.978	-0.019
13.000	-0.019
13.022	-0.019
13.044	-0.019
13.067	-0.019
13.089	-0.019
13.111	-0.018
13.133	-0.018
13.156	-0.018
13.178	-0.018
13.200	-0.018
13.222	-0.018
13.244	-0.018
13.267	-0.018
13.289	-0.018
13.311	-0.018
13.333	-0.018
13.356	-0.018
13.378	-0.018
13.400	-0.018
13.422	-0.018
13.444	-0.018
13.467	-0.018
13.489	-0.018
13.511	-0.018
13.533	-0.018
13.556	-0.018
13.578	-0.018
13.600	-0.018
13.622	-0.018
13.644	-0.018
13.667	-0.018
13.689	-0.018
13.711	-0.018
13.733	-0.017
13.756	-0.017
13.778	-0.017
13.800	-0.017
13.822	-0.017
13.844	-0.017
13.867	-0.017
13.889	-0.017
13.911	-0.017
13.933	-0.017
13.956	-0.017
13.978	-0.017
14.000	-0.017
14.022	-0.017
14.044	-0.017
14.067	-0.017
14.089	-0.017
14.111	-0.017
14.133	-0.017
14.156	-0.017
14.178	-0.017
14.200	-0.017
14.222	-0.017
14.244	-0.017
14.267	-0.017
14.289	-0.017
14.311	-0.017
14.333	-0.017

14.356	-0.017
14.378	-0.017
14.400	-0.017
14.422	-0.017
14.444	-0.017
14.467	-0.017
14.489	-0.017
14.511	-0.017
14.533	-0.017
14.556	-0.017
14.578	-0.017
14.600	-0.016
14.622	-0.016
14.644	-0.016
14.667	-0.016
14.689	-0.016
14.711	-0.016
14.733	-0.016
14.756	-0.016
14.778	-0.016
14.800	-0.016
14.822	-0.016
14.844	-0.016
14.867	-0.016
14.889	-0.016
14.911	-0.016
14.933	-0.016
14.956	-0.016
14.978	-0.016
15.000	-0.016
15.022	-0.016
15.044	-0.016
15.067	-0.016
15.089	-0.016
15.111	-0.016
15.133	-0.015
15.156	-0.015
15.178	-0.015
15.200	-0.015
15.222	-0.015
15.244	-0.015
15.267	-0.015
15.289	-0.015
15.311	-0.015
15.333	-0.015
15.356	-0.015
15.378	-0.015
15.400	-0.015
15.422	-0.015
15.444	-0.015
15.467	-0.015
15.489	-0.015
15.511	-0.015
15.533	-0.015
15.556	-0.015
15.578	-0.015
15.600	-0.015
15.622	-0.015
15.644	-0.015
15.667	-0.015
15.689	-0.015
15.711	-0.015
15.733	-0.015
15.756	-0.015
15.778	-0.015

15.800	-0.015
15.822	-0.015
15.844	-0.015
15.867	-0.015
15.889	-0.015
15.911	-0.015
15.933	-0.015
15.956	-0.015
15.978	-0.015
16.000	-0.015
16.022	-0.015
16.044	-0.015
16.067	-0.015
16.089	-0.015
16.111	-0.014
16.133	-0.014
16.156	-0.014
16.178	-0.014
16.200	-0.014
16.222	-0.014
16.244	-0.014
16.267	-0.014
16.289	-0.014
16.311	-0.014
16.333	-0.014
16.356	-0.014
16.378	-0.014
16.400	-0.014
16.422	-0.014
16.444	-0.014
16.467	-0.014
16.489	-0.014
16.511	-0.014
16.533	-0.014
16.556	-0.014
16.578	-0.014
16.600	-0.014
16.622	-0.014
16.644	-0.014
16.667	-0.014
16.689	-0.014
16.711	-0.014
16.733	-0.014
16.756	-0.014
16.778	-0.014
16.800	-0.014
16.822	-0.014
16.844	-0.014
16.867	-0.014
16.889	-0.014
16.911	-0.014
16.933	-0.014
16.956	-0.014
16.978	-0.014
17.000	-0.014
17.022	-0.014
17.044	-0.014
17.067	-0.014
17.089	-0.014
17.111	-0.014
17.133	-0.014
17.156	-0.014
17.178	-0.014
17.200	-0.014
17.222	-0.014

17.244	-0.014
17.267	-0.014
17.289	-0.014
17.311	-0.014
17.333	-0.014
17.356	-0.014
17.378	-0.014
17.400	-0.014
17.422	-0.014
17.444	-0.014
17.467	-0.014
17.489	-0.014
17.511	-0.014
17.533	-0.014
17.556	-0.014
17.578	-0.014
17.600	-0.014
17.622	-0.014
17.644	-0.013
17.667	-0.013
17.689	-0.013
17.711	-0.013
17.733	-0.013
17.756	-0.013
17.778	-0.013
17.800	-0.013
17.822	-0.013
17.844	-0.013
17.867	-0.013
17.889	-0.013
17.911	-0.013
17.933	-0.013
17.956	-0.013
17.978	-0.013
18.000	-0.013
18.022	-0.013
18.044	-0.013
18.067	-0.013
18.089	-0.013
18.111	-0.013
18.133	-0.013
18.156	-0.013
18.178	-0.013
18.200	-0.013
18.222	-0.013
18.244	-0.013
18.267	-0.013
18.289	-0.013
18.311	-0.013
18.333	-0.013
18.356	-0.013
18.378	-0.013
18.400	-0.013
18.422	-0.013
18.444	-0.013
18.467	-0.013
18.489	-0.013
18.511	-0.013
18.533	-0.013
18.556	-0.013
18.578	-0.013
18.600	-0.013
18.622	-0.013
18.644	-0.013
18.667	-0.013

18.689	-0.013
18.711	-0.013
18.733	-0.013
18.756	-0.013
18.778	-0.013
18.800	-0.013
18.822	-0.013
18.844	-0.013
18.867	-0.013
18.889	-0.013
18.911	-0.013
18.933	-0.013
18.956	-0.013
18.978	-0.013
19.000	-0.013
19.022	-0.013
19.044	-0.013
19.067	-0.013
19.089	-0.012
19.111	-0.012
19.133	-0.012
19.156	-0.012
19.178	-0.012
19.200	-0.012
19.222	-0.012
19.244	-0.012
19.267	-0.012
19.289	-0.012
19.311	-0.012
19.333	-0.012
19.356	-0.012
19.378	-0.012
19.400	-0.012
19.422	-0.012
19.444	-0.012
19.467	-0.012
19.489	-0.012
19.511	-0.012
19.533	-0.012
19.556	-0.012
19.578	-0.012
19.600	-0.012
19.622	-0.012
19.644	-0.012
19.667	-0.012
19.689	-0.012
19.711	-0.012
19.733	-0.012
19.756	-0.012
19.778	-0.012
19.800	-0.012
19.822	-0.012
19.844	-0.012
19.867	-0.012
19.889	-0.012
19.911	-0.012
19.933	-0.012
19.956	-0.012
19.978	-0.012
20.000	-0.012
20.022	-0.012
20.044	-0.012
20.067	-0.012
20.089	-0.012
20.111	-0.012

20.133	-0.012
20.156	-0.012
20.178	-0.012
20.200	-0.012
20.222	-0.012
20.244	-0.012
20.267	-0.012
20.289	-0.012
20.311	-0.012
20.333	-0.012
20.356	-0.012
20.378	-0.012
20.400	-0.012
20.422	-0.012
20.444	-0.012
20.467	-0.012
20.489	-0.012
20.511	-0.012
20.533	-0.012
20.556	-0.012
20.578	-0.012
20.600	-0.012
20.622	-0.012
20.644	-0.012
20.667	-0.012
20.689	-0.012
20.711	-0.012
20.733	-0.012
20.756	-0.012
20.778	-0.012
20.800	-0.012
20.822	-0.012
20.844	-0.012
20.867	-0.012
20.889	-0.012
20.911	-0.012
20.933	-0.012
20.956	-0.012
20.978	-0.012
21.000	-0.012
21.022	-0.012
21.044	-0.012
21.067	-0.011
21.089	-0.011
21.111	-0.011
21.133	-0.011
21.156	-0.011
21.178	-0.011
21.200	-0.011
21.222	-0.011
21.244	-0.011
21.267	-0.011
21.289	-0.011
21.311	-0.011
21.333	-0.011
21.356	-0.011
21.378	-0.011
21.400	-0.011
21.422	-0.011
21.444	-0.011
21.467	-0.011
21.489	-0.011
21.511	-0.011
21.533	-0.011
21.556	-0.011

21.578	-0.011
21.600	-0.011
21.622	-0.011
21.644	-0.011
21.667	-0.011
21.689	-0.011
21.711	-0.011
21.733	-0.011
21.756	-0.011
21.778	-0.011
21.800	-0.011
21.822	-0.011
21.844	-0.011
21.867	-0.011
21.889	-0.011
21.911	-0.011
21.933	-0.011
21.956	-0.011
21.978	-0.011
22.000	-0.011
22.022	-0.011
22.044	-0.011
22.067	-0.011
22.089	-0.011
22.111	-0.011
22.133	-0.011
22.156	-0.011
22.178	-0.010
22.200	-0.010
22.222	-0.010
22.244	-0.010
22.267	-0.010
22.289	-0.010
22.311	-0.010
22.333	-0.010
22.356	-0.010
22.378	-0.010
22.400	-0.010
22.422	-0.010
22.444	-0.010
22.467	-0.010
22.489	-0.010
22.511	-0.010
22.533	-0.010
22.556	-0.010
22.578	-0.010
22.600	-0.010
22.622	-0.010
22.644	-0.010
22.667	-0.010
22.689	-0.010
22.711	-0.010
22.733	-0.010
22.756	-0.010
22.778	-0.010
22.800	-0.010
22.822	-0.010
22.844	-0.010
22.867	-0.010
22.889	-0.010
22.911	-0.010
22.933	-0.010
22.956	-0.010
22.978	-0.010
23.000	-0.010

23.022	-0.010
23.044	-0.010
23.067	-0.010
23.089	-0.010
23.111	-0.010
23.133	-0.010
23.156	-0.010
23.178	-0.010
23.200	-0.010
23.222	-0.010
23.244	-0.010
23.267	-0.010
23.289	-0.010
23.311	-0.010
23.333	-0.010
23.356	-0.010
23.378	-0.010
23.400	-0.010
23.422	-0.010
23.444	-0.010
23.467	-0.010
23.489	-0.010
23.511	-0.010
23.533	-0.010
23.556	-0.010
23.578	-0.010
23.600	-0.010
23.622	-0.010
23.644	-0.010
23.667	-0.010
23.689	-0.010
23.711	-0.010
23.733	-0.010
23.756	-0.010
23.778	-0.010
23.800	-0.010
23.822	-0.010
23.844	-0.010
23.867	-0.010
23.889	-0.010
23.911	-0.010
23.933	-0.010
23.956	-0.010
23.978	-0.010
24.000	-0.010
24.022	-0.010
24.044	-0.010
24.067	-0.010
24.089	-0.010
24.111	-0.010
24.133	-0.010
24.156	-0.010
24.178	-0.010
24.200	-0.010
24.222	-0.010
24.244	-0.010
24.267	-0.010
24.289	-0.010
24.311	-0.010
24.333	-0.010
24.356	-0.010
24.378	-0.010
24.400	-0.010
24.422	-0.010
24.444	-0.010

24.467	-0.010
24.489	-0.010
24.511	-0.010
24.533	-0.010
24.556	-0.010
24.578	-0.010
24.600	-0.010
24.622	-0.010
24.644	-0.010
24.667	-0.010
24.689	-0.010
24.711	-0.010
24.733	-0.010
24.756	-0.010
24.778	-0.010
24.800	-0.010
24.822	-0.010
24.844	-0.010
24.867	-0.009
24.889	-0.009
24.911	-0.009
48.911	-0.004
96.911	-0.002
168.911	-0.001
264.911	-0.000
312.911	-0.000
384.911	0.000
504.911	0.000
624.911	0.000
744.911	0.000

Name: Hyd-3d Node: Node312 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000

0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000

2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
2.422	0.000
2.444	0.000
2.467	0.000
2.489	0.000
2.511	0.000
2.533	0.000
2.556	0.000
2.578	0.000
2.600	0.000
2.622	0.000
2.644	0.000
2.667	0.000
2.689	0.000
2.711	0.000
2.733	0.000
2.756	0.000
2.778	0.000
2.800	0.000
2.822	0.000
2.844	0.000
2.867	0.000
2.889	0.000
2.911	0.000
2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
3.067	0.000
3.089	0.000
3.111	0.000
3.133	0.000
3.156	0.000
3.178	0.000
3.200	0.000
3.222	0.000
3.244	0.000
3.267	0.000
3.289	0.000
3.311	0.000
3.333	0.000
3.356	0.000
3.378	0.000
3.400	0.000
3.422	0.000
3.444	0.000
3.467	0.000
3.489	0.000
3.511	0.000

3.533	0.000
3.556	0.000
3.578	0.000
3.600	0.000
3.622	0.000
3.644	0.000
3.667	0.000
3.689	0.000
3.711	0.000
3.733	0.000
3.756	0.000
3.778	0.000
3.800	0.000
3.822	0.000
3.844	0.000
3.867	0.000
3.889	0.000
3.911	0.000
3.933	0.000
3.956	0.000
3.978	0.000
4.000	0.000
4.022	0.000
4.044	0.000
4.067	0.000
4.089	0.000
4.111	0.000
4.133	0.000
4.156	0.000
4.178	0.000
4.200	0.000
4.222	0.000
4.244	0.000
4.267	0.000
4.289	0.000
4.311	0.000
4.333	0.000
4.356	0.000
4.378	0.000
4.400	0.000
4.422	0.000
4.444	0.000
4.467	0.000
4.489	0.000
4.511	0.000
4.533	0.000
4.556	0.000
4.578	0.000
4.600	0.000
4.622	0.000
4.644	0.000
4.667	0.000
4.689	0.000
4.711	0.000
4.733	-0.000
4.756	-0.000
4.778	-0.000
4.800	-0.000
4.822	-0.000
4.844	-0.000
4.867	-0.000
4.889	-0.000
4.911	-0.001
4.933	-0.001
4.956	-0.001

4.978	-0.001
5.000	-0.001
5.022	-0.002
5.044	-0.002
5.067	-0.002
5.089	-0.002
5.111	-0.002
5.133	-0.003
5.156	-0.003
5.178	-0.003
5.200	-0.003
5.222	-0.004
5.244	-0.004
5.267	-0.004
5.289	-0.004
5.311	-0.005
5.333	-0.005
5.356	-0.005
5.378	-0.005
5.400	-0.006
5.422	-0.006
5.444	-0.006
5.467	-0.006
5.489	-0.006
5.511	-0.007
5.533	-0.007
5.556	-0.007
5.578	-0.007
5.600	-0.008
5.622	-0.008
5.644	-0.008
5.667	-0.008
5.689	-0.009
5.711	-0.009
5.733	-0.009
5.756	-0.009
5.778	-0.009
5.800	-0.010
5.822	-0.010
5.844	-0.010
5.867	-0.010
5.889	-0.010
5.911	-0.011
5.933	-0.011
5.956	-0.011
5.978	-0.011
6.000	-0.012
6.022	-0.012
6.044	-0.012
6.067	-0.012
6.089	-0.012
6.111	-0.013
6.133	-0.013
6.156	-0.013
6.178	-0.013
6.200	-0.013
6.222	-0.013
6.244	-0.014
6.267	-0.014
6.289	-0.014
6.311	-0.014
6.333	-0.014
6.356	-0.015
6.378	-0.015
6.400	-0.015

6.422	-0.015
6.444	-0.015
6.467	-0.016
6.489	-0.016
6.511	-0.016
6.533	-0.016
6.556	-0.016
6.578	-0.016
6.600	-0.017
6.622	-0.017
6.644	-0.017
6.667	-0.017
6.689	-0.017
6.711	-0.017
6.733	-0.018
6.756	-0.018
6.778	-0.018
6.800	-0.018
6.822	-0.018
6.844	-0.018
6.867	-0.019
6.889	-0.019
6.911	-0.019
6.933	-0.019
6.956	-0.019
6.978	-0.019
7.000	-0.019
7.022	-0.020
7.044	-0.020
7.067	-0.020
7.089	-0.020
7.111	-0.020
7.133	-0.020
7.156	-0.021
7.178	-0.021
7.200	-0.021
7.222	-0.021
7.244	-0.021
7.267	-0.021
7.289	-0.021
7.311	-0.022
7.333	-0.022
7.356	-0.022
7.378	-0.022
7.400	-0.022
7.422	-0.022
7.444	-0.022
7.467	-0.023
7.489	-0.023
7.511	-0.023
7.533	-0.023
7.556	-0.023
7.578	-0.023
7.600	-0.023
7.622	-0.023
7.644	-0.024
7.667	-0.024
7.689	-0.024
7.711	-0.024
7.733	-0.024
7.756	-0.024
7.778	-0.024
7.800	-0.025
7.822	-0.025
7.844	-0.025

7.867	-0.025
7.889	-0.025
7.911	-0.025
7.933	-0.025
7.956	-0.025
7.978	-0.026
8.000	-0.026
8.022	-0.027
8.044	-0.029
8.067	-0.033
8.089	-0.037
8.111	-0.040
8.133	-0.040
8.156	-0.041
8.178	-0.041
8.200	-0.042
8.222	-0.043
8.244	-0.044
8.267	-0.045
8.289	-0.046
8.311	-0.046
8.333	-0.047
8.356	-0.048
8.378	-0.049
8.400	-0.050
8.422	-0.051
8.444	-0.052
8.467	-0.053
8.489	-0.054
8.511	-0.055
8.533	-0.056
8.556	-0.057
8.578	-0.058
8.600	-0.059
8.622	-0.060
8.644	-0.061
8.667	-0.062
8.689	-0.063
8.711	-0.064
8.733	-0.065
8.756	-0.066
8.778	-0.066
8.800	-0.067
8.822	-0.068
8.844	-0.069
8.867	-0.070
8.889	-0.071
8.911	-0.071
8.933	-0.072
8.956	-0.073
8.978	-0.074
9.000	-0.074
9.022	-0.075
9.044	-0.076
9.067	-0.077
9.089	-0.077
9.111	-0.078
9.133	-0.079
9.156	-0.079
9.178	-0.080
9.200	-0.081
9.222	-0.081
9.244	-0.082
9.267	-0.083
9.289	-0.083

9.311	-0.084
9.333	-0.085
9.356	-0.085
9.378	-0.086
9.400	-0.086
9.422	-0.087
9.444	-0.088
9.467	-0.088
9.489	-0.089
9.511	-0.089
9.533	-0.090
9.556	-0.091
9.578	-0.091
9.600	-0.092
9.622	-0.092
9.644	-0.093
9.667	-0.093
9.689	-0.094
9.711	-0.095
9.733	-0.095
9.756	-0.096
9.778	-0.096
9.800	-0.097
9.822	-0.097
9.844	-0.098
9.867	-0.098
9.889	-0.099
9.911	-0.099
9.933	-0.100
9.956	-0.100
9.978	-0.101
10.000	-0.101
10.022	-0.102
10.044	-0.102
10.067	-0.103
10.089	-0.103
10.111	-0.103
10.133	-0.104
10.156	-0.104
10.178	-0.105
10.200	-0.105
10.222	-0.106
10.244	-0.106
10.267	-0.107
10.289	-0.107
10.311	-0.108
10.333	-0.108
10.356	-0.108
10.378	-0.109
10.400	-0.109
10.422	-0.110
10.444	-0.110
10.467	-0.110
10.489	-0.111
10.511	-0.111
10.533	-0.112
10.556	-0.112
10.578	-0.112
10.600	-0.113
10.622	-0.113
10.644	-0.114
10.667	-0.114
10.689	-0.114
10.711	-0.115
10.733	-0.115

10.756	-0.116
10.778	-0.116
10.800	-0.116
10.822	-0.117
10.844	-0.117
10.867	-0.117
10.889	-0.118
10.911	-0.118
10.933	-0.118
10.956	-0.119
10.978	-0.119
11.000	-0.120
11.022	-0.120
11.044	-0.120
11.067	-0.121
11.089	-0.121
11.111	-0.121
11.133	-0.122
11.156	-0.122
11.178	-0.122
11.200	-0.123
11.222	-0.123
11.244	-0.123
11.267	-0.124
11.289	-0.124
11.311	-0.124
11.333	-0.124
11.356	-0.125
11.378	-0.125
11.400	-0.125
11.422	-0.126
11.444	-0.126
11.467	-0.126
11.489	-0.127
11.511	-0.127
11.533	-0.308
11.556	-0.439
11.578	-0.370
11.600	-0.334
11.622	-0.303
11.644	-0.277
11.667	-0.255
11.689	-0.235
11.711	-0.219
11.733	-0.205
11.756	-0.193
11.778	-0.182
11.800	-0.173
11.822	-0.165
11.844	-0.158
11.867	-0.152
11.889	-0.146
11.911	-0.142
11.933	-0.137
11.956	-0.134
11.978	-0.130
12.000	-0.127
12.022	-0.125
12.044	-0.122
12.067	-0.120
12.089	-0.117
12.111	-0.115
12.133	-0.113
12.156	-0.111
12.178	-0.109

12.200	-0.107
12.222	-0.105
12.244	-0.103
12.267	-0.101
12.289	-0.100
12.311	-0.098
12.333	-0.097
12.356	-0.095
12.378	-0.094
12.400	-0.093
12.422	-0.092
12.444	-0.090
12.467	-0.089
12.489	-0.088
12.511	-0.087
12.533	-0.086
12.556	-0.086
12.578	-0.085
12.600	-0.084
12.622	-0.083
12.644	-0.082
12.667	-0.082
12.689	-0.081
12.711	-0.080
12.733	-0.080
12.756	-0.079
12.778	-0.078
12.800	-0.078
12.822	-0.077
12.844	-0.077
12.867	-0.076
12.889	-0.076
12.911	-0.075
12.933	-0.075
12.956	-0.074
12.978	-0.074
13.000	-0.074
13.022	-0.073
13.044	-0.073
13.067	-0.073
13.089	-0.072
13.111	-0.072
13.133	-0.072
13.156	-0.071
13.178	-0.071
13.200	-0.071
13.222	-0.070
13.244	-0.070
13.267	-0.070
13.289	-0.070
13.311	-0.069
13.333	-0.069
13.356	-0.069
13.378	-0.069
13.400	-0.068
13.422	-0.068
13.444	-0.068
13.467	-0.068
13.489	-0.067
13.511	-0.067
13.533	-0.067
13.556	-0.067
13.578	-0.067
13.600	-0.066
13.622	-0.066

13.644	-0.066
13.667	-0.066
13.689	-0.066
13.711	-0.066
13.733	-0.065
13.756	-0.065
13.778	-0.065
13.800	-0.065
13.822	-0.065
13.844	-0.065
13.867	-0.065
13.889	-0.064
13.911	-0.064
13.933	-0.064
13.956	-0.064
13.978	-0.064
14.000	-0.064
14.022	-0.064
14.044	-0.064
14.067	-0.063
14.089	-0.063
14.111	-0.063
14.133	-0.063
14.156	-0.063
14.178	-0.063
14.200	-0.063
14.222	-0.063
14.244	-0.063
14.267	-0.062
14.289	-0.062
14.311	-0.062
14.333	-0.062
14.356	-0.062
14.378	-0.062
14.400	-0.062
14.422	-0.062
14.444	-0.062
14.467	-0.062
14.489	-0.062
14.511	-0.061
14.533	-0.061
14.556	-0.061
14.578	-0.061
14.600	-0.061
14.622	-0.061
14.644	-0.061
14.667	-0.061
14.689	-0.061
14.711	-0.061
14.733	-0.061
14.756	-0.061
14.778	-0.061
14.800	-0.060
14.822	-0.060
14.844	-0.060
14.867	-0.060
14.889	-0.060
14.911	-0.060
14.933	-0.060
14.956	-0.060
14.978	-0.060
15.000	-0.060
15.022	-0.060
15.044	-0.060
15.067	-0.060

15.089	-0.060
15.111	-0.060
15.133	-0.060
15.156	-0.060
15.178	-0.059
15.200	-0.059
15.222	-0.059
15.244	-0.059
15.267	-0.059
15.289	-0.059
15.311	-0.059
15.333	-0.059
15.356	-0.059
15.378	-0.059
15.400	-0.059
15.422	-0.059
15.444	-0.059
15.467	-0.059
15.489	-0.059
15.511	-0.059
15.533	-0.059
15.556	-0.059
15.578	-0.059
15.600	-0.059
15.622	-0.059
15.644	-0.059
15.667	-0.059
15.689	-0.058
15.711	-0.058
15.733	-0.058
15.756	-0.058
15.778	-0.058
15.800	-0.058
15.822	-0.058
15.844	-0.058
15.867	-0.058
15.889	-0.058
15.911	-0.058
15.933	-0.058
15.956	-0.058
15.978	-0.058
16.000	-0.058
16.022	-0.058
16.044	-0.058
16.067	-0.058
16.089	-0.057
16.111	-0.057
16.133	-0.057
16.156	-0.056
16.178	-0.056
16.200	-0.056
16.222	-0.055
16.244	-0.055
16.267	-0.054
16.289	-0.054
16.311	-0.054
16.333	-0.053
16.356	-0.053
16.378	-0.052
16.400	-0.052
16.422	-0.052
16.444	-0.051
16.467	-0.051
16.489	-0.051
16.511	-0.050

16.533	-0.050
16.556	-0.050
16.578	-0.049
16.600	-0.049
16.622	-0.049
16.644	-0.049
16.667	-0.048
16.689	-0.048
16.711	-0.048
16.733	-0.048
16.756	-0.047
16.778	-0.047
16.800	-0.047
16.822	-0.047
16.844	-0.047
16.867	-0.046
16.889	-0.046
16.911	-0.046
16.933	-0.046
16.956	-0.046
16.978	-0.045
17.000	-0.045
17.022	-0.045
17.044	-0.045
17.067	-0.045
17.089	-0.045
17.111	-0.044
17.133	-0.044
17.156	-0.044
17.178	-0.044
17.200	-0.044
17.222	-0.044
17.244	-0.044
17.267	-0.044
17.289	-0.043
17.311	-0.043
17.333	-0.043
17.356	-0.043
17.378	-0.043
17.400	-0.043
17.422	-0.043
17.444	-0.043
17.467	-0.042
17.489	-0.042
17.511	-0.042
17.533	-0.042
17.556	-0.042
17.578	-0.042
17.600	-0.042
17.622	-0.042
17.644	-0.042
17.667	-0.041
17.689	-0.041
17.711	-0.041
17.733	-0.041
17.756	-0.041
17.778	-0.041
17.800	-0.041
17.822	-0.041
17.844	-0.041
17.867	-0.041
17.889	-0.040
17.911	-0.040
17.933	-0.040
17.956	-0.040

17.978	-0.040
18.000	-0.040
18.022	-0.040
18.044	-0.040
18.067	-0.040
18.089	-0.040
18.111	-0.040
18.133	-0.040
18.156	-0.039
18.178	-0.039
18.200	-0.039
18.222	-0.039
18.244	-0.039
18.267	-0.039
18.289	-0.039
18.311	-0.039
18.333	-0.039
18.356	-0.039
18.378	-0.039
18.400	-0.039
18.422	-0.039
18.444	-0.038
18.467	-0.038
18.489	-0.038
18.511	-0.038
18.533	-0.038
18.556	-0.038
18.578	-0.038
18.600	-0.038
18.622	-0.038
18.644	-0.038
18.667	-0.038
18.689	-0.038
18.711	-0.038
18.733	-0.038
18.756	-0.038
18.778	-0.038
18.800	-0.037
18.822	-0.037
18.844	-0.037
18.867	-0.037
18.889	-0.037
18.911	-0.037
18.933	-0.037
18.956	-0.037
18.978	-0.037
19.000	-0.037
19.022	-0.037
19.044	-0.037
19.067	-0.037
19.089	-0.037
19.111	-0.037
19.133	-0.037
19.156	-0.037
19.178	-0.037
19.200	-0.036
19.222	-0.036
19.244	-0.036
19.267	-0.036
19.289	-0.036
19.311	-0.036
19.333	-0.036
19.356	-0.036
19.378	-0.036
19.400	-0.036

19.422	-0.036
19.444	-0.036
19.467	-0.036
19.489	-0.036
19.511	-0.036
19.533	-0.036
19.556	-0.036
19.578	-0.036
19.600	-0.036
19.622	-0.036
19.644	-0.036
19.667	-0.035
19.689	-0.035
19.711	-0.035
19.733	-0.035
19.756	-0.035
19.778	-0.035
19.800	-0.035
19.822	-0.035
19.844	-0.035
19.867	-0.035
19.889	-0.035
19.911	-0.035
19.933	-0.035
19.956	-0.035
19.978	-0.035
20.000	-0.035
20.022	-0.035
20.044	-0.035
20.067	-0.035
20.089	-0.035
20.111	-0.034
20.133	-0.034
20.156	-0.034
20.178	-0.034
20.200	-0.034
20.222	-0.034
20.244	-0.034
20.267	-0.033
20.289	-0.033
20.311	-0.033
20.333	-0.033
20.356	-0.033
20.378	-0.033
20.400	-0.032
20.422	-0.032
20.444	-0.032
20.467	-0.032
20.489	-0.032
20.511	-0.032
20.533	-0.032
20.556	-0.032
20.578	-0.031
20.600	-0.031
20.622	-0.031
20.644	-0.031
20.667	-0.031
20.689	-0.031
20.711	-0.031
20.733	-0.031
20.756	-0.031
20.778	-0.030
20.800	-0.030
20.822	-0.030
20.844	-0.030

20.867	-0.030
20.889	-0.030
20.911	-0.030
20.933	-0.030
20.956	-0.030
20.978	-0.030
21.000	-0.030
21.022	-0.030
21.044	-0.029
21.067	-0.029
21.089	-0.029
21.111	-0.029
21.133	-0.029
21.156	-0.029
21.178	-0.029
21.200	-0.029
21.222	-0.029
21.244	-0.029
21.267	-0.029
21.289	-0.029
21.311	-0.029
21.333	-0.029
21.356	-0.028
21.378	-0.028
21.400	-0.028
21.422	-0.028
21.444	-0.028
21.467	-0.028
21.489	-0.028
21.511	-0.028
21.533	-0.028
21.556	-0.028
21.578	-0.028
21.600	-0.028
21.622	-0.028
21.644	-0.028
21.667	-0.028
21.689	-0.028
21.711	-0.028
21.733	-0.027
21.756	-0.027
21.778	-0.027
21.800	-0.027
21.822	-0.027
21.844	-0.027
21.867	-0.027
21.889	-0.027
21.911	-0.027
21.933	-0.027
21.956	-0.027
21.978	-0.027
22.000	-0.027
22.022	-0.027
22.044	-0.027
22.067	-0.027
22.089	-0.027
22.111	-0.027
22.133	-0.027
22.156	-0.026
22.178	-0.026
22.200	-0.026
22.222	-0.026
22.244	-0.026
22.267	-0.026
22.289	-0.026

22.311	-0.026
22.333	-0.026
22.356	-0.026
22.378	-0.026
22.400	-0.026
22.422	-0.026
22.444	-0.026
22.467	-0.026
22.489	-0.026
22.511	-0.026
22.533	-0.026
22.556	-0.026
22.578	-0.026
22.600	-0.026
22.622	-0.026
22.644	-0.025
22.667	-0.025
22.689	-0.025
22.711	-0.025
22.733	-0.025
22.756	-0.025
22.778	-0.025
22.800	-0.025
22.822	-0.025
22.844	-0.025
22.867	-0.025
22.889	-0.025
22.911	-0.025
22.933	-0.025
22.956	-0.025
22.978	-0.025
23.000	-0.025
23.022	-0.025
23.044	-0.025
23.067	-0.025
23.089	-0.025
23.111	-0.025
23.133	-0.025
23.156	-0.025
23.178	-0.025
23.200	-0.025
23.222	-0.024
23.244	-0.024
23.267	-0.024
23.289	-0.024
23.311	-0.024
23.333	-0.024
23.356	-0.024
23.378	-0.024
23.400	-0.024
23.422	-0.024
23.444	-0.024
23.467	-0.024
23.489	-0.024
23.511	-0.024
23.533	-0.024
23.556	-0.024
23.578	-0.024
23.600	-0.024
23.622	-0.024
23.644	-0.024
23.667	-0.024
23.689	-0.024
23.711	-0.024
23.733	-0.024

23.756	-0.024
23.778	-0.024
23.800	-0.024
23.822	-0.024
23.844	-0.024
23.867	-0.024
23.889	-0.024
23.911	-0.023
23.933	-0.023
23.956	-0.023
23.978	-0.023
24.000	-0.023
24.022	-0.023
24.044	-0.023
24.067	-0.023
24.089	-0.023
24.111	-0.023
24.133	-0.023
24.156	-0.023
24.178	-0.024
24.200	-0.024
24.222	-0.024
24.244	-0.024
24.267	-0.024
24.289	-0.024
24.311	-0.024
24.333	-0.024
24.356	-0.024
24.378	-0.024
24.400	-0.024
24.422	-0.024
24.444	-0.024
24.467	-0.024
24.489	-0.024
24.511	-0.024
24.533	-0.024
24.556	-0.024
24.578	-0.024
24.600	-0.025
24.622	-0.025
24.644	-0.025
24.667	-0.025
24.689	-0.025
24.711	-0.025
24.733	-0.025
24.756	-0.025
24.778	-0.025
24.800	-0.025
24.822	-0.025
24.844	-0.025
24.867	-0.025
24.889	-0.025
24.911	-0.025
24.933	-0.025
24.956	-0.025
24.978	-0.025
25.000	-0.025
25.022	-0.025
25.044	-0.025
25.067	-0.025
25.089	-0.025
25.111	-0.025
25.133	-0.025
25.156	-0.025
25.178	-0.025

25.200	-0.025
25.222	-0.025
25.244	-0.025
25.267	-0.025
25.289	-0.025
25.311	-0.025
25.333	-0.025
25.356	-0.025
25.378	-0.025
25.400	-0.025
25.422	-0.025
25.444	-0.025
25.467	-0.025
25.489	-0.025
25.511	-0.025
25.533	-0.025
25.556	-0.025
25.578	-0.025
25.600	-0.025
25.622	-0.025
25.644	-0.025
25.667	-0.025
25.689	-0.025
25.711	-0.025
25.733	-0.025
25.756	-0.025
25.778	-0.025
25.800	-0.025
25.822	-0.025
25.844	-0.025
25.867	-0.025
25.889	-0.025
25.911	-0.025
25.933	-0.025
25.956	-0.025
25.978	-0.025
26.000	-0.025
26.022	-0.025
26.044	-0.025
26.067	-0.025
26.089	-0.025
26.111	-0.025
26.133	-0.025
26.156	-0.025
26.178	-0.025
26.200	-0.025
26.222	-0.025
26.244	-0.025
26.267	-0.025
26.289	-0.025
26.311	-0.025
26.333	-0.025
26.356	-0.025
26.378	-0.025
26.400	-0.025
26.422	-0.025
26.444	-0.025
26.467	-0.025
26.489	-0.025
26.511	-0.025
26.533	-0.025
26.556	-0.025
26.578	-0.025
26.600	-0.025
26.622	-0.025

26.644	-0.025
26.667	-0.025
26.689	-0.025
26.711	-0.025
26.733	-0.025
26.756	-0.025
26.778	-0.025
26.800	-0.025
26.822	-0.025
26.844	-0.025
26.867	-0.025
26.889	-0.025
26.911	-0.025
26.933	-0.025
26.956	-0.025
26.978	-0.025
27.000	-0.025
27.022	-0.025
27.044	-0.025
27.067	-0.025
27.089	-0.025
27.111	-0.025
27.133	-0.025
27.156	-0.025
27.178	-0.025
27.200	-0.025
27.222	-0.025
27.244	-0.025
27.267	-0.025
27.289	-0.025
27.311	-0.025
27.333	-0.025
27.356	-0.025
27.378	-0.025
27.400	-0.025
27.422	-0.025
27.444	-0.025
27.467	-0.025
27.489	-0.025
27.511	-0.025
27.533	-0.025
27.556	-0.025
27.578	-0.025
27.600	-0.025
27.622	-0.025
27.644	-0.025
27.667	-0.025
27.689	-0.025
27.711	-0.025
27.733	-0.025
27.756	-0.025
27.778	-0.025
27.800	-0.025
27.822	-0.025
27.844	-0.025
27.867	-0.025
27.889	-0.025
27.911	-0.025
27.933	-0.025
27.956	-0.025
27.978	-0.025
28.000	-0.025
28.022	-0.025
28.044	-0.025
28.067	-0.025

28.089	-0.025
28.111	-0.025
28.133	-0.025
28.156	-0.025
28.178	-0.026
28.200	-0.026
28.222	-0.026
28.244	-0.026
28.267	-0.026
28.289	-0.027
28.311	-0.027
28.333	-0.027
28.356	-0.027
28.378	-0.027
28.400	-0.027
28.422	-0.028
28.444	-0.028
28.467	-0.028
28.489	-0.028
28.511	-0.028
28.533	-0.028
28.556	-0.028
28.578	-0.029
28.600	-0.029
28.622	-0.029
28.644	-0.029
28.667	-0.029
28.689	-0.029
28.711	-0.029
28.733	-0.029
28.756	-0.029
28.778	-0.030
28.800	-0.030
28.822	-0.030
28.844	-0.030
28.867	-0.030
28.889	-0.030
28.911	-0.030
28.933	-0.030
28.956	-0.030
28.978	-0.030
29.000	-0.030
29.022	-0.030
29.044	-0.030
29.067	-0.030
29.089	-0.031
29.111	-0.031
29.133	-0.031
29.156	-0.031
29.178	-0.031
29.200	-0.031
29.222	-0.031
29.244	-0.031
29.267	-0.031
29.289	-0.031
29.311	-0.031
29.333	-0.031
29.356	-0.031
29.378	-0.031
29.400	-0.031
29.422	-0.031
29.444	-0.031
29.467	-0.031
29.489	-0.031
29.511	-0.031

29.533	-0.031
29.556	-0.032
29.578	-0.032
29.600	-0.032
29.622	-0.032
29.644	-0.032
29.667	-0.032
29.689	-0.032
29.711	-0.032
29.733	-0.032
29.756	-0.032
29.778	-0.032
29.800	-0.032
29.822	-0.032
29.844	-0.032
29.867	-0.032
29.889	-0.032
29.911	-0.032
29.933	-0.032
29.956	-0.032
29.978	-0.032
30.000	-0.032
30.022	-0.032
30.044	-0.032
30.067	-0.032
30.089	-0.032
30.111	-0.032
30.133	-0.032
30.156	-0.032
30.178	-0.032
30.200	-0.032
30.222	-0.032
30.244	-0.033
30.267	-0.033
30.289	-0.033
30.311	-0.033
30.333	-0.033
30.356	-0.033
30.378	-0.033
30.400	-0.033
30.422	-0.033
30.444	-0.033
30.467	-0.033
30.489	-0.033
30.511	-0.033
30.533	-0.033
30.556	-0.033
30.578	-0.033
30.600	-0.033
30.622	-0.033
30.644	-0.033
30.667	-0.033
30.689	-0.033
30.711	-0.033
30.733	-0.033
30.756	-0.033
30.778	-0.033
30.800	-0.033
30.822	-0.033
30.844	-0.033
30.867	-0.033
30.889	-0.033
30.911	-0.033
30.933	-0.033
30.956	-0.033

30.978	-0.033
31.000	-0.033
31.022	-0.033
31.044	-0.033
31.067	-0.033
31.089	-0.033
31.111	-0.033
31.133	-0.033
31.156	-0.033
31.178	-0.033
31.200	-0.033
31.222	-0.033
31.244	-0.033
31.267	-0.033
31.289	-0.033
31.311	-0.033
31.333	-0.033
31.356	-0.033
31.378	-0.034
31.400	-0.034
31.422	-0.034
31.444	-0.034
31.467	-0.034
31.489	-0.034
31.511	-0.034
31.533	-0.034
31.556	-0.034
31.578	-0.034
31.600	-0.034
31.622	-0.034
31.644	-0.034
31.667	-0.034
31.689	-0.034
31.711	-0.034
31.733	-0.034
31.756	-0.034
31.778	-0.034
31.800	-0.034
31.822	-0.034
31.844	-0.034
31.867	-0.034
31.889	-0.034
31.911	-0.034
31.933	-0.034
31.956	-0.034
31.978	-0.034
32.000	-0.034
32.022	-0.034
32.044	-0.034
32.067	-0.034
32.089	-0.035
32.111	-0.035
32.133	-0.036
32.156	-0.037
32.178	-0.038
32.200	-0.039
32.222	-0.039
32.244	-0.040
32.267	-0.041
32.289	-0.042
32.311	-0.043
32.333	-0.044
32.356	-0.044
32.378	-0.045
32.400	-0.046

32.422	-0.047
32.444	-0.047
32.467	-0.048
32.489	-0.048
32.511	-0.049
32.533	-0.049
32.556	-0.050
32.578	-0.051
32.600	-0.051
32.622	-0.052
32.644	-0.052
32.667	-0.052
32.689	-0.053
32.711	-0.053
32.733	-0.054
32.756	-0.054
32.778	-0.054
32.800	-0.055
32.822	-0.055
32.844	-0.055
32.867	-0.056
32.889	-0.056
32.911	-0.056
32.933	-0.057
32.956	-0.057
32.978	-0.057
33.000	-0.057
33.022	-0.058
33.044	-0.058
33.067	-0.058
33.089	-0.058
33.111	-0.059
33.133	-0.059
33.156	-0.059
33.178	-0.059
33.200	-0.059
33.222	-0.060
33.244	-0.060
33.267	-0.060
33.289	-0.060
33.311	-0.060
33.333	-0.060
33.356	-0.061
33.378	-0.061
33.400	-0.061
33.422	-0.061
33.444	-0.061
33.467	-0.061
33.489	-0.062
33.511	-0.062
33.533	-0.062
33.556	-0.062
33.578	-0.062
33.600	-0.062
33.622	-0.063
33.644	-0.063
33.667	-0.063
33.689	-0.063
33.711	-0.063
33.733	-0.063
33.756	-0.063
33.778	-0.063
33.800	-0.064
33.822	-0.064
33.844	-0.064

33.867	-0.064
33.889	-0.064
33.911	-0.064
33.933	-0.064
33.956	-0.064
33.978	-0.065
34.000	-0.065
34.022	-0.065
34.044	-0.065
34.067	-0.065
34.089	-0.065
34.111	-0.065
34.133	-0.065
34.156	-0.065
34.178	-0.065
34.200	-0.066
34.222	-0.066
34.244	-0.066
34.267	-0.066
34.289	-0.066
34.311	-0.066
34.333	-0.066
34.356	-0.066
34.378	-0.066
34.400	-0.066
34.422	-0.066
34.444	-0.067
34.467	-0.067
34.489	-0.067
34.511	-0.067
34.533	-0.067
34.556	-0.067
34.578	-0.067
34.600	-0.067
34.622	-0.067
34.644	-0.067
34.667	-0.067
34.689	-0.067
34.711	-0.068
34.733	-0.068
34.756	-0.068
34.778	-0.068
34.800	-0.068
34.822	-0.068
34.844	-0.068
34.867	-0.068
34.889	-0.068
34.911	-0.068
34.933	-0.068
34.956	-0.068
34.978	-0.068
35.000	-0.068
35.022	-0.069
35.044	-0.069
35.067	-0.069
35.089	-0.069
35.111	-0.069
35.133	-0.069
35.156	-0.069
35.178	-0.069
35.200	-0.069
35.222	-0.069
35.244	-0.069
35.267	-0.069
35.289	-0.069

35.311	-0.069
35.333	-0.069
35.356	-0.069
35.378	-0.069
35.400	-0.070
35.422	-0.070
35.444	-0.070
35.467	-0.070
35.489	-0.070
35.511	-0.070
35.533	-0.070
35.556	-0.070
35.578	-0.070
35.600	-0.070
35.622	-0.070
35.644	-0.070
35.667	-0.070
35.689	-0.070
35.711	-0.070
35.733	-0.070
35.756	-0.070
35.778	-0.070
35.800	-0.070
35.822	-0.071
35.844	-0.071
35.867	-0.071
35.889	-0.071
35.911	-0.071
35.933	-0.071
35.956	-0.071
35.978	-0.072
36.000	-0.072
36.022	-0.072
36.044	-0.073
36.067	-0.073
36.089	-0.072
36.111	-0.072
36.133	-0.071
36.156	-0.071
36.178	-0.070
36.200	-0.070
36.222	-0.069
36.244	-0.069
36.267	-0.068
36.289	-0.068
36.311	-0.067
36.333	-0.067
36.356	-0.066
36.378	-0.066
36.400	-0.065
36.422	-0.065
36.444	-0.064
36.467	-0.064
36.489	-0.064
36.511	-0.063
36.533	-0.063
36.556	-0.063
36.578	-0.062
36.600	-0.062
36.622	-0.062
36.644	-0.061
36.667	-0.061
36.689	-0.061
36.711	-0.061
36.733	-0.060

36.756	-0.060
36.778	-0.060
36.800	-0.060
36.822	-0.059
36.844	-0.059
36.867	-0.059
36.889	-0.059
36.911	-0.059
36.933	-0.058
36.956	-0.058
36.978	-0.058
37.000	-0.058
37.022	-0.058
37.044	-0.057
37.067	-0.057
37.089	-0.057
37.111	-0.057
37.133	-0.057
37.156	-0.057
37.178	-0.056
37.200	-0.056
37.222	-0.056
37.244	-0.056
37.267	-0.056
37.289	-0.056
37.311	-0.056
37.333	-0.055
37.356	-0.055
37.378	-0.055
37.400	-0.055
37.422	-0.055
37.444	-0.055
37.467	-0.055
37.489	-0.054
37.511	-0.054
37.533	-0.054
37.556	-0.054
37.578	-0.054
37.600	-0.054
37.622	-0.054
37.644	-0.054
37.667	-0.053
37.689	-0.053
37.711	-0.053
37.733	-0.053
37.756	-0.053
37.778	-0.053
37.800	-0.053
37.822	-0.053
37.844	-0.053
37.867	-0.052
37.889	-0.052
37.911	-0.052
37.933	-0.052
37.956	-0.052
37.978	-0.052
38.000	-0.052
38.022	-0.052
38.044	-0.052
38.067	-0.052
38.089	-0.051
38.111	-0.051
38.133	-0.051
38.156	-0.051
38.178	-0.051

38.200	-0.051
38.222	-0.051
38.244	-0.051
38.267	-0.051
38.289	-0.051
38.311	-0.051
38.333	-0.050
38.356	-0.050
38.378	-0.050
38.400	-0.050
38.422	-0.050
38.444	-0.050
38.467	-0.050
38.489	-0.050
38.511	-0.050
38.533	-0.050
38.556	-0.050
38.578	-0.050
38.600	-0.050
38.622	-0.049
38.644	-0.049
38.667	-0.049
38.689	-0.049
38.711	-0.049
38.733	-0.049
38.756	-0.049
38.778	-0.049
38.800	-0.049
38.822	-0.049
38.844	-0.049
38.867	-0.049
38.889	-0.049
38.911	-0.048
38.933	-0.048
38.956	-0.048
38.978	-0.048
39.000	-0.048
39.022	-0.048
39.044	-0.048
39.067	-0.048
39.089	-0.048
39.111	-0.048
39.133	-0.048
39.156	-0.048
39.178	-0.048
39.200	-0.048
39.222	-0.048
39.244	-0.047
39.267	-0.047
39.289	-0.047
39.311	-0.047
39.333	-0.047
39.356	-0.047
39.378	-0.047
39.400	-0.047
39.422	-0.047
39.444	-0.047
39.467	-0.047
39.489	-0.047
39.511	-0.047
39.533	-0.047
39.556	-0.047
39.578	-0.047
39.600	-0.046
39.622	-0.046

39.644	-0.046
39.667	-0.046
39.689	-0.046
39.711	-0.046
39.733	-0.046
39.756	-0.046
39.778	-0.046
39.800	-0.046
39.822	-0.046
39.844	-0.046
39.867	-0.046
39.889	-0.046
39.911	-0.046
39.933	-0.046
39.956	-0.046
39.978	-0.046
40.000	-0.045
40.022	-0.045
40.044	-0.045
40.067	-0.045
40.089	-0.045
40.111	-0.044
40.133	-0.044
40.156	-0.044
40.178	-0.043
40.200	-0.043
40.222	-0.043
40.244	-0.042
40.267	-0.042
40.289	-0.042
40.311	-0.042
40.333	-0.042
40.356	-0.042
40.378	-0.041
40.400	-0.041
40.422	-0.041
40.444	-0.041
40.467	-0.041
40.489	-0.041
40.511	-0.041
40.533	-0.041
40.556	-0.041
40.578	-0.040
40.600	-0.040
40.622	-0.040
40.644	-0.040
40.667	-0.040
40.689	-0.040
40.711	-0.040
40.733	-0.040
40.756	-0.040
40.778	-0.040
40.800	-0.040
40.822	-0.040
40.844	-0.040
40.867	-0.040
40.889	-0.040
40.911	-0.040
40.933	-0.040
40.956	-0.040
40.978	-0.040
41.000	-0.040
41.022	-0.040
41.044	-0.040
41.067	-0.040

41.089	-0.040
41.111	-0.040
41.133	-0.040
41.156	-0.040
41.178	-0.040
41.200	-0.040
41.222	-0.040
41.244	-0.040
41.267	-0.040
41.289	-0.040
41.311	-0.040
41.333	-0.040
41.356	-0.040
41.378	-0.040
41.400	-0.040
41.422	-0.040
41.444	-0.040
41.467	-0.040
41.489	-0.040
41.511	-0.040
41.533	-0.040
41.556	-0.040
41.578	-0.040
41.600	-0.040
41.622	-0.040
41.644	-0.039
41.667	-0.039
41.689	-0.039
41.711	-0.039
41.733	-0.039
41.756	-0.039
41.778	-0.039
41.800	-0.039
41.822	-0.039
41.844	-0.039
41.867	-0.039
41.889	-0.039
41.911	-0.039
41.933	-0.039
41.956	-0.039
41.978	-0.039
42.000	-0.039
42.022	-0.039
42.044	-0.039
42.067	-0.039
42.089	-0.039
42.111	-0.039
42.133	-0.039
42.156	-0.039
42.178	-0.039
42.200	-0.039
42.222	-0.039
42.244	-0.039
42.267	-0.039
42.289	-0.039
42.311	-0.039
42.333	-0.039
42.356	-0.039
42.378	-0.039
42.400	-0.039
42.422	-0.039
42.444	-0.039
42.467	-0.039
42.489	-0.039
42.511	-0.039

42.533	-0.039
42.556	-0.039
42.578	-0.039
42.600	-0.039
42.622	-0.039
42.644	-0.039
42.667	-0.039
42.689	-0.039
42.711	-0.039
42.733	-0.039
42.756	-0.039
42.778	-0.038
42.800	-0.038
42.822	-0.038
42.844	-0.038
42.867	-0.038
42.889	-0.038
42.911	-0.038
42.933	-0.038
42.956	-0.038
42.978	-0.038
43.000	-0.038
43.022	-0.038
43.044	-0.038
43.067	-0.038
43.089	-0.038
43.111	-0.038
43.133	-0.038
43.156	-0.038
43.178	-0.038
43.200	-0.038
43.222	-0.038
43.244	-0.038
43.267	-0.038
43.289	-0.038
43.311	-0.038
43.333	-0.038
43.356	-0.038
43.378	-0.038
43.400	-0.038
43.422	-0.038
43.444	-0.038
43.467	-0.038
43.489	-0.038
43.511	-0.038
43.533	-0.038
43.556	-0.038
43.578	-0.038
43.600	-0.038
43.622	-0.038
43.644	-0.038
43.667	-0.038
43.689	-0.038
43.711	-0.038
43.733	-0.038
43.756	-0.038
43.778	-0.038
43.800	-0.038
43.822	-0.038
43.844	-0.038
43.867	-0.037
43.889	-0.037
43.911	-0.037
43.933	-0.037
43.956	-0.037

43.978	-0.037
44.000	-0.037
44.022	-0.037
44.044	-0.037
44.067	-0.037
44.089	-0.037
44.111	-0.037
44.133	-0.037
44.156	-0.037
44.178	-0.037
44.200	-0.037
44.222	-0.037
44.244	-0.036
44.267	-0.036
44.289	-0.036
44.311	-0.036
44.333	-0.036
44.356	-0.036
44.378	-0.036
44.400	-0.036
44.422	-0.036
44.444	-0.036
44.467	-0.036
44.489	-0.036
44.511	-0.036
44.533	-0.036
44.556	-0.035
44.578	-0.035
44.600	-0.035
44.622	-0.035
44.644	-0.035
44.667	-0.035
44.689	-0.035
44.711	-0.035
44.733	-0.035
44.756	-0.035
44.778	-0.035
44.800	-0.035
44.822	-0.035
44.844	-0.035
44.867	-0.035
44.889	-0.035
44.911	-0.035
44.933	-0.035
44.956	-0.035
44.978	-0.035
45.000	-0.035
45.022	-0.034
45.044	-0.034
45.067	-0.034
45.089	-0.034
45.111	-0.034
45.133	-0.034
45.156	-0.034
45.178	-0.034
45.200	-0.034
45.222	-0.034
45.244	-0.034
45.267	-0.034
45.289	-0.034
45.311	-0.034
45.333	-0.034
45.356	-0.034
45.378	-0.034
45.400	-0.034

45.422	-0.034
45.444	-0.034
45.467	-0.034
45.489	-0.034
45.511	-0.034
45.533	-0.034
45.556	-0.034
45.578	-0.034
45.600	-0.034
45.622	-0.033
45.644	-0.033
45.667	-0.033
45.689	-0.033
45.711	-0.033
45.733	-0.033
45.756	-0.033
45.778	-0.033
45.800	-0.033
45.822	-0.033
45.844	-0.033
45.867	-0.033
45.889	-0.033
45.911	-0.033
45.933	-0.033
45.956	-0.033
45.978	-0.033
46.000	-0.033
46.022	-0.033
46.044	-0.033
46.067	-0.033
46.089	-0.033
46.111	-0.033
46.133	-0.033
46.156	-0.033
46.178	-0.033
46.200	-0.033
46.222	-0.033
46.244	-0.033
46.267	-0.033
46.289	-0.033
46.311	-0.033
46.333	-0.032
46.356	-0.032
46.378	-0.032
46.400	-0.032
46.422	-0.032
46.444	-0.032
46.467	-0.032
46.489	-0.032
46.511	-0.032
46.533	-0.032
46.556	-0.032
46.578	-0.032
46.600	-0.032
46.622	-0.032
46.644	-0.032
46.667	-0.032
46.689	-0.032
46.711	-0.032
46.733	-0.032
46.756	-0.032
46.778	-0.032
46.800	-0.032
46.822	-0.032
46.844	-0.032

46.867	-0.032
46.889	-0.032
46.911	-0.032
46.933	-0.032
46.956	-0.032
46.978	-0.032
47.000	-0.032
47.022	-0.032
47.044	-0.032
47.067	-0.032
47.089	-0.032
47.111	-0.032
47.133	-0.032
47.156	-0.032
47.178	-0.031
47.200	-0.031
47.222	-0.031
47.244	-0.031
47.267	-0.031
47.289	-0.031
47.311	-0.031
47.333	-0.031
47.356	-0.031
47.378	-0.031
47.400	-0.031
47.422	-0.031
47.444	-0.031
47.467	-0.031
47.489	-0.031
47.511	-0.031
47.533	-0.031
47.556	-0.031
47.578	-0.031
47.600	-0.031
47.622	-0.031
47.644	-0.031
47.667	-0.031
47.689	-0.031
47.711	-0.031
47.733	-0.031
47.756	-0.031
47.778	-0.031
47.800	-0.031
47.822	-0.031
47.844	-0.031
47.867	-0.031
47.889	-0.031
47.911	-0.031
47.933	-0.031
47.956	-0.031
47.978	-0.031
48.000	-0.031
48.022	-0.031
48.044	-0.031
48.067	-0.031
48.089	-0.031
48.111	-0.031
48.133	-0.031
48.156	-0.031
48.178	-0.031
48.200	-0.031
48.222	-0.031
48.244	-0.031
48.267	-0.031
48.289	-0.031

48.311	-0.031
48.333	-0.031
48.356	-0.031
48.378	-0.031
48.400	-0.031
48.422	-0.031
48.444	-0.032
48.467	-0.032
48.489	-0.032
48.511	-0.032
48.533	-0.032
48.556	-0.032
48.578	-0.032
48.600	-0.032
48.622	-0.032
48.644	-0.032
48.667	-0.032
48.689	-0.032
48.711	-0.032
48.733	-0.032
48.756	-0.032
48.778	-0.032
48.800	-0.032
48.822	-0.032
48.844	-0.032
48.867	-0.032
48.889	-0.032
48.911	-0.032
48.933	-0.032
48.956	-0.032
48.978	-0.032
49.000	-0.032
49.022	-0.032
49.044	-0.032
49.067	-0.032
49.089	-0.032
49.111	-0.032
49.133	-0.032
49.156	-0.032
49.178	-0.032
49.200	-0.033
49.222	-0.033
49.244	-0.033
49.267	-0.033
49.289	-0.033
49.311	-0.033
49.333	-0.033
49.356	-0.033
49.378	-0.033
49.400	-0.033
49.422	-0.033
49.444	-0.033
49.467	-0.033
49.489	-0.033
49.511	-0.033
49.533	-0.033
49.556	-0.033
49.578	-0.033
49.600	-0.033
49.622	-0.033
49.644	-0.033
49.667	-0.033
49.689	-0.033
49.711	-0.033
49.733	-0.033

49.756	-0.033
49.778	-0.033
49.800	-0.033
49.822	-0.033
49.844	-0.033
49.867	-0.033
49.889	-0.033
49.911	-0.033
49.933	-0.033
49.956	-0.033
49.978	-0.033
50.000	-0.033
50.022	-0.033
50.044	-0.033
50.067	-0.033
50.089	-0.033
50.111	-0.033
50.133	-0.033
50.156	-0.033
50.178	-0.033
50.200	-0.033
50.222	-0.033
50.244	-0.033
50.267	-0.033
50.289	-0.033
50.311	-0.033
50.333	-0.033
50.356	-0.033
50.378	-0.033
50.400	-0.033
50.422	-0.033
50.444	-0.033
50.467	-0.033
50.489	-0.033
50.511	-0.033
50.533	-0.033
50.556	-0.033
50.578	-0.033
50.600	-0.033
50.622	-0.033
50.644	-0.033
50.667	-0.033
50.689	-0.033
50.711	-0.033
50.733	-0.033
50.756	-0.033
50.778	-0.033
50.800	-0.033
50.822	-0.033
50.844	-0.033
50.867	-0.033
50.889	-0.033
50.911	-0.033
50.933	-0.033
50.956	-0.033
50.978	-0.033
51.000	-0.033
51.022	-0.033
51.044	-0.033
51.067	-0.033
51.089	-0.033
51.111	-0.033
51.133	-0.033
51.156	-0.033
51.178	-0.033

51.200	-0.033
51.222	-0.033
51.244	-0.033
51.267	-0.033
51.289	-0.033
51.311	-0.033
51.333	-0.033
51.356	-0.033
51.378	-0.033
51.400	-0.033
51.422	-0.033
51.444	-0.033
51.467	-0.033
51.489	-0.033
51.511	-0.033
51.533	-0.033
51.556	-0.033
51.578	-0.033
51.600	-0.033
51.622	-0.033
51.644	-0.033
51.667	-0.033
51.689	-0.033
51.711	-0.033
51.733	-0.033
51.756	-0.033
51.778	-0.033
51.800	-0.033
51.822	-0.033
51.844	-0.033
51.867	-0.033
51.889	-0.033
51.911	-0.033
51.933	-0.033
51.956	-0.033
51.978	-0.033
52.000	-0.033
52.022	-0.033
52.044	-0.033
52.067	-0.033
52.089	-0.033
52.111	-0.033
52.133	-0.033
52.156	-0.033
52.178	-0.034
52.200	-0.034
52.222	-0.034
52.244	-0.034
52.267	-0.034
52.289	-0.035
52.311	-0.035
52.333	-0.035
52.356	-0.035
52.378	-0.035
52.400	-0.035
52.422	-0.035
52.444	-0.035
52.467	-0.035
52.489	-0.035
52.511	-0.035
52.533	-0.035
52.556	-0.035
52.578	-0.035
52.600	-0.035
52.622	-0.035

52.644	-0.035
52.667	-0.035
52.689	-0.035
52.711	-0.035
52.733	-0.035
52.756	-0.035
52.778	-0.035
52.800	-0.035
52.822	-0.035
52.844	-0.035
52.867	-0.035
52.889	-0.035
52.911	-0.035
52.933	-0.035
52.956	-0.035
52.978	-0.035
53.000	-0.035
53.022	-0.035
53.044	-0.035
53.067	-0.035
53.089	-0.035
53.111	-0.035
53.133	-0.035
53.156	-0.034
53.178	-0.034
53.200	-0.034
53.222	-0.034
53.244	-0.034
53.267	-0.034
53.289	-0.034
53.311	-0.034
53.333	-0.034
53.356	-0.034
53.378	-0.034
53.400	-0.034
53.422	-0.034
53.444	-0.034
53.467	-0.034
53.489	-0.034
53.511	-0.034
53.533	-0.034
53.556	-0.034
53.578	-0.034
53.600	-0.034
53.622	-0.034
53.644	-0.033
53.667	-0.033
53.689	-0.033
53.711	-0.033
53.733	-0.033
53.756	-0.033
53.778	-0.033
53.800	-0.033
53.822	-0.033
53.844	-0.033
53.867	-0.033
53.889	-0.033
53.911	-0.033
53.933	-0.033
53.956	-0.033
53.978	-0.033
54.000	-0.033
54.022	-0.033
54.044	-0.033
54.067	-0.033

54.089	-0.033
54.111	-0.033
54.133	-0.033
54.156	-0.033
54.178	-0.033
54.200	-0.033
54.222	-0.033
54.244	-0.033
54.267	-0.033
54.289	-0.033
54.311	-0.033
54.333	-0.032
54.356	-0.032
54.378	-0.032
54.400	-0.032
54.422	-0.032
54.444	-0.032
54.467	-0.032
54.489	-0.032
54.511	-0.032
54.533	-0.032
54.556	-0.032
54.578	-0.032
54.600	-0.032
54.622	-0.032
54.644	-0.032
54.667	-0.032
54.689	-0.032
54.711	-0.032
54.733	-0.032
54.756	-0.032
54.778	-0.032
54.800	-0.032
54.822	-0.032
54.844	-0.032
54.867	-0.032
54.889	-0.032
54.911	-0.032
54.933	-0.032
54.956	-0.032
54.978	-0.032
55.000	-0.032
55.022	-0.032
55.044	-0.032
55.067	-0.032
55.089	-0.032
55.111	-0.032
55.133	-0.032
55.156	-0.032
55.178	-0.032
55.200	-0.032
55.222	-0.032
55.244	-0.032
55.267	-0.032
55.289	-0.032
55.311	-0.032
55.333	-0.032
55.356	-0.032
55.378	-0.031
55.400	-0.031
55.422	-0.031
55.444	-0.031
55.467	-0.031
55.489	-0.031
55.511	-0.031

55.533	-0.031
55.556	-0.031
55.578	-0.031
55.600	-0.031
55.622	-0.031
55.644	-0.031
55.667	-0.031
55.689	-0.031
55.711	-0.031
55.733	-0.031
55.756	-0.031
55.778	-0.031
55.800	-0.031
55.822	-0.031
55.844	-0.031
55.867	-0.031
55.889	-0.031
55.911	-0.031
55.933	-0.031
55.956	-0.031
55.978	-0.031
56.000	-0.031
56.022	-0.031
56.044	-0.031
56.067	-0.032
56.089	-0.033
56.111	-0.034
56.133	-0.035
56.156	-0.036
56.178	-0.037
56.200	-0.037
56.222	-0.038
56.244	-0.039
56.267	-0.040
56.289	-0.040
56.311	-0.041
56.333	-0.041
56.356	-0.041
56.378	-0.041
56.400	-0.042
56.422	-0.042
56.444	-0.042
56.467	-0.042
56.489	-0.042
56.511	-0.042
56.533	-0.042
56.556	-0.042
56.578	-0.042
56.600	-0.042
56.622	-0.041
56.644	-0.041
56.667	-0.041
56.689	-0.041
56.711	-0.041
56.733	-0.040
56.756	-0.040
56.778	-0.040
56.800	-0.040
56.822	-0.040
56.844	-0.039
56.867	-0.039
56.889	-0.039
56.911	-0.039
56.933	-0.039
56.956	-0.038

56.978	-0.038
57.000	-0.038
57.022	-0.038
57.044	-0.038
57.067	-0.038
57.089	-0.037
57.111	-0.037
57.133	-0.037
57.156	-0.037
57.178	-0.037
57.200	-0.037
57.222	-0.037
57.244	-0.036
57.267	-0.036
57.289	-0.036
57.311	-0.036
57.333	-0.036
57.356	-0.036
57.378	-0.036
57.400	-0.036
57.422	-0.036
57.444	-0.035
57.467	-0.035
57.489	-0.035
57.511	-0.035
57.533	-0.035
57.556	-0.035
57.578	-0.035
57.600	-0.035
57.622	-0.035
57.644	-0.035
57.667	-0.035
57.689	-0.035
57.711	-0.035
57.733	-0.035
57.756	-0.034
57.778	-0.034
57.800	-0.034
57.822	-0.034
57.844	-0.034
57.867	-0.034
57.889	-0.034
57.911	-0.034
57.933	-0.034
57.956	-0.034
57.978	-0.034
58.000	-0.034
58.022	-0.034
58.044	-0.034
58.067	-0.034
58.089	-0.034
58.111	-0.034
58.133	-0.034
58.156	-0.034
58.178	-0.034
58.200	-0.034
58.222	-0.034
58.244	-0.033
58.267	-0.033
58.289	-0.033
58.311	-0.033
58.333	-0.033
58.356	-0.033
58.378	-0.033
58.400	-0.033

58.422	-0.033
58.444	-0.033
58.467	-0.033
58.489	-0.033
58.511	-0.033
58.533	-0.033
58.556	-0.033
58.578	-0.033
58.600	-0.033
58.622	-0.033
58.644	-0.033
58.667	-0.033
58.689	-0.033
58.711	-0.033
58.733	-0.033
58.756	-0.033
58.778	-0.033
58.800	-0.033
58.822	-0.033
58.844	-0.033
58.867	-0.033
58.889	-0.033
58.911	-0.033
58.933	-0.033
58.956	-0.033
58.978	-0.033
59.000	-0.032
59.022	-0.032
59.044	-0.032
59.067	-0.032
59.089	-0.032
59.111	-0.032
59.133	-0.032
59.156	-0.032
59.178	-0.032
59.200	-0.032
59.222	-0.032
59.244	-0.032
59.267	-0.032
59.289	-0.032
59.311	-0.032
59.333	-0.032
59.356	-0.032
59.378	-0.032
59.400	-0.032
59.422	-0.032
59.444	-0.032
59.467	-0.032
59.489	-0.032
59.511	-0.032
59.533	-0.032
59.556	-0.032
59.578	-0.032
59.600	-0.032
59.622	-0.032
59.644	-0.032
59.667	-0.032
59.689	-0.032
59.711	-0.032
59.733	-0.032
59.756	-0.032
59.778	-0.032
59.800	-0.032
59.822	-0.032
59.844	-0.032

59.867	-0.032
59.889	-0.032
59.911	-0.032
59.933	-0.032
59.956	-0.032
59.978	-0.032
60.000	-0.032
60.022	-0.031
60.044	-0.031
60.067	-0.031
60.089	-0.030
60.111	-0.029
60.133	-0.029
60.156	-0.028
60.178	-0.028
60.200	-0.027
60.222	-0.027
60.244	-0.026
60.267	-0.026
60.289	-0.026
60.311	-0.026
60.333	-0.026
60.356	-0.026
60.378	-0.026
60.400	-0.025
60.422	-0.025
60.444	-0.025
60.467	-0.025
60.489	-0.025
60.511	-0.025
60.533	-0.026
60.556	-0.026
60.578	-0.026
60.600	-0.026
60.622	-0.026
60.644	-0.026
60.667	-0.026
60.689	-0.026
60.711	-0.026
60.733	-0.026
60.756	-0.026
60.778	-0.026
60.800	-0.026
60.822	-0.026
60.844	-0.026
60.867	-0.027
60.889	-0.027
60.911	-0.027
60.933	-0.027
60.956	-0.027
60.978	-0.027
61.000	-0.027
61.022	-0.027
61.044	-0.027
61.067	-0.027
61.089	-0.027
61.111	-0.027
61.133	-0.027
61.156	-0.027
61.178	-0.027
61.200	-0.027
61.222	-0.027
61.244	-0.028
61.267	-0.028
61.289	-0.028

61.311	-0.028
61.333	-0.028
61.356	-0.028
61.378	-0.028
61.400	-0.028
61.422	-0.028
61.444	-0.028
61.467	-0.028
61.489	-0.028
61.511	-0.028
61.533	-0.028
61.556	-0.028
61.578	-0.028
61.600	-0.028
61.622	-0.028
61.644	-0.028
61.667	-0.028
61.689	-0.028
61.711	-0.028
61.733	-0.028
61.756	-0.028
61.778	-0.028
61.800	-0.028
61.822	-0.028
61.844	-0.028
61.867	-0.028
61.889	-0.028
61.911	-0.028
61.933	-0.028
61.956	-0.028
61.978	-0.028
62.000	-0.028
62.022	-0.028
62.044	-0.028
62.067	-0.028
62.089	-0.028
62.111	-0.028
62.133	-0.028
62.156	-0.028
62.178	-0.028
62.200	-0.028
62.222	-0.028
62.244	-0.028
62.267	-0.028
62.289	-0.028
62.311	-0.028
62.333	-0.028
62.356	-0.028
62.378	-0.028
62.400	-0.028
62.422	-0.028
62.444	-0.028
62.467	-0.028
62.489	-0.028
62.511	-0.028
62.533	-0.028
62.556	-0.028
62.578	-0.028
62.600	-0.028
62.622	-0.028
62.644	-0.028
62.667	-0.028
62.689	-0.028
62.711	-0.028
62.733	-0.028

62.756	-0.028
62.778	-0.028
62.800	-0.028
62.822	-0.028
62.844	-0.028
62.867	-0.028
62.889	-0.028
62.911	-0.028
62.933	-0.028
62.956	-0.028
62.978	-0.028
63.000	-0.028
63.022	-0.028
63.044	-0.028
63.067	-0.028
63.089	-0.028
63.111	-0.028
63.133	-0.028
63.156	-0.028
63.178	-0.028
63.200	-0.028
63.222	-0.028
63.244	-0.028
63.267	-0.028
63.289	-0.028
63.311	-0.028
63.333	-0.028
63.356	-0.028
63.378	-0.028
63.400	-0.028
63.422	-0.028
63.444	-0.028
63.467	-0.028
63.489	-0.028
63.511	-0.028
63.533	-0.028
63.556	-0.028
63.578	-0.028
63.600	-0.028
63.622	-0.028
63.644	-0.028
63.667	-0.028
63.689	-0.028
63.711	-0.028
63.733	-0.028
63.756	-0.028
63.778	-0.028
63.800	-0.028
63.822	-0.028
63.844	-0.028
63.867	-0.028
63.889	-0.028
63.911	-0.028
63.933	-0.028
63.956	-0.028
63.978	-0.028
64.000	-0.028
64.022	-0.028
64.044	-0.028
64.067	-0.027
64.089	-0.027
64.111	-0.026
64.133	-0.026
64.156	-0.025
64.178	-0.025

64.200	-0.024
64.222	-0.024
64.244	-0.024
64.267	-0.023
64.289	-0.023
64.311	-0.023
64.333	-0.023
64.356	-0.023
64.378	-0.023
64.400	-0.023
64.422	-0.023
64.444	-0.023
64.467	-0.022
64.489	-0.022
64.511	-0.022
64.533	-0.022
64.556	-0.022
64.578	-0.023
64.600	-0.023
64.622	-0.023
64.644	-0.023
64.667	-0.023
64.689	-0.023
64.711	-0.023
64.733	-0.023
64.756	-0.023
64.778	-0.023
64.800	-0.023
64.822	-0.023
64.844	-0.023
64.867	-0.023
64.889	-0.023
64.911	-0.023
64.933	-0.023
64.956	-0.023
64.978	-0.023
65.000	-0.023
65.022	-0.023
65.044	-0.023
65.067	-0.023
65.089	-0.024
65.111	-0.024
65.133	-0.024
65.156	-0.024
65.178	-0.024
65.200	-0.024
65.222	-0.024
65.244	-0.024
65.267	-0.024
65.289	-0.024
65.311	-0.024
65.333	-0.024
65.356	-0.024
65.378	-0.024
65.400	-0.024
65.422	-0.024
65.444	-0.024
65.467	-0.024
65.489	-0.024
65.511	-0.024
65.533	-0.024
65.556	-0.024
65.578	-0.024
65.600	-0.024
65.622	-0.024

65.644	-0.024
65.667	-0.024
65.689	-0.024
65.711	-0.024
65.733	-0.025
65.756	-0.025
65.778	-0.025
65.800	-0.025
65.822	-0.025
65.844	-0.025
65.867	-0.025
65.889	-0.025
65.911	-0.025
65.933	-0.025
65.956	-0.025
65.978	-0.025
66.000	-0.025
66.022	-0.025
66.044	-0.025
66.067	-0.025
66.089	-0.025
66.111	-0.025
66.133	-0.025
66.156	-0.025
66.178	-0.025
66.200	-0.025
66.222	-0.025
66.244	-0.025
66.267	-0.025
66.289	-0.025
66.311	-0.025
66.333	-0.025
66.356	-0.025
66.378	-0.025
66.400	-0.025
66.422	-0.025
66.444	-0.025
66.467	-0.025
66.489	-0.025
66.511	-0.025
66.533	-0.025
66.556	-0.025
66.578	-0.025
66.600	-0.025
66.622	-0.025
66.644	-0.025
66.667	-0.025
66.689	-0.025
66.711	-0.025
66.733	-0.025
66.756	-0.025
66.778	-0.025
66.800	-0.025
66.822	-0.025
66.844	-0.025
66.867	-0.025
66.889	-0.025
66.911	-0.025
66.933	-0.025
66.956	-0.025
66.978	-0.025
67.000	-0.025
67.022	-0.025
67.044	-0.025
67.067	-0.025

67.089	-0.025
67.111	-0.025
67.133	-0.025
67.156	-0.025
67.178	-0.025
67.200	-0.025
67.222	-0.025
67.244	-0.025
67.267	-0.025
67.289	-0.025
67.311	-0.025
67.333	-0.025
67.356	-0.025
67.378	-0.025
67.400	-0.025
67.422	-0.025
67.444	-0.025
67.467	-0.025
67.489	-0.025
67.511	-0.025
67.533	-0.025
67.556	-0.025
67.578	-0.025
67.600	-0.025
67.622	-0.025
67.644	-0.025
67.667	-0.025
67.689	-0.025
67.711	-0.025
67.733	-0.025
67.756	-0.025
67.778	-0.025
67.800	-0.025
67.822	-0.025
67.844	-0.025
67.867	-0.025
67.889	-0.025
67.911	-0.025
67.933	-0.025
67.956	-0.025
67.978	-0.025
68.000	-0.025
68.022	-0.025
68.044	-0.025
68.067	-0.025
68.089	-0.025
68.111	-0.025
68.133	-0.025
68.156	-0.024
68.178	-0.024
68.200	-0.024
68.222	-0.024
68.244	-0.024
68.267	-0.024
68.289	-0.024
68.311	-0.024
68.333	-0.024
68.356	-0.024
68.378	-0.024
68.400	-0.023
68.422	-0.023
68.444	-0.023
68.467	-0.023
68.489	-0.023
68.511	-0.023

68.533	-0.023
68.556	-0.023
68.578	-0.023
68.600	-0.023
68.622	-0.023
68.644	-0.023
68.667	-0.023
68.689	-0.023
68.711	-0.023
68.733	-0.023
68.756	-0.023
68.778	-0.023
68.800	-0.023
68.822	-0.023
68.844	-0.023
68.867	-0.023
68.889	-0.023
68.911	-0.023
68.933	-0.023
68.956	-0.023
68.978	-0.023
69.000	-0.023
69.022	-0.023
69.044	-0.023
69.067	-0.023
69.089	-0.023
69.111	-0.023
69.133	-0.023
69.156	-0.023
69.178	-0.023
69.200	-0.023
69.222	-0.023
69.244	-0.023
69.267	-0.023
69.289	-0.023
69.311	-0.023
69.333	-0.023
69.356	-0.023
69.378	-0.023
69.400	-0.023
69.422	-0.023
69.444	-0.023
69.467	-0.023
69.489	-0.023
69.511	-0.023
69.533	-0.023
69.556	-0.023
69.578	-0.024
69.600	-0.024
69.622	-0.024
69.644	-0.024
69.667	-0.024
69.689	-0.024
69.711	-0.024
69.733	-0.024
69.756	-0.024
69.778	-0.024
69.800	-0.024
69.822	-0.024
69.844	-0.024
69.867	-0.024
69.889	-0.024
69.911	-0.024
69.933	-0.024
69.956	-0.024

69.978	-0.024
70.000	-0.024
70.022	-0.024
70.044	-0.024
70.067	-0.024
70.089	-0.024
70.111	-0.024
70.133	-0.024
70.156	-0.024
70.178	-0.024
70.200	-0.024
70.222	-0.024
70.244	-0.024
70.267	-0.024
70.289	-0.024
70.311	-0.024
70.333	-0.024
70.356	-0.024
70.378	-0.024
70.400	-0.024
70.422	-0.024
70.444	-0.024
70.467	-0.024
70.489	-0.024
70.511	-0.024
70.533	-0.024
70.556	-0.024
70.578	-0.024
70.600	-0.024
70.622	-0.024
70.644	-0.024
70.667	-0.024
70.689	-0.024
70.711	-0.024
70.733	-0.024
70.756	-0.024
70.778	-0.024
70.800	-0.024
70.822	-0.024
70.844	-0.024
70.867	-0.024
70.889	-0.024
70.911	-0.024
70.933	-0.024
70.956	-0.024
70.978	-0.024
71.000	-0.024
71.022	-0.024
71.044	-0.024
71.067	-0.024
71.089	-0.024
71.111	-0.024
71.133	-0.024
71.156	-0.024
71.178	-0.024
71.200	-0.024
71.222	-0.024
71.244	-0.024
71.267	-0.024
71.289	-0.024
71.311	-0.024
71.333	-0.024
71.356	-0.024
71.378	-0.024
71.400	-0.024

71.422	-0.024
71.444	-0.024
71.467	-0.024
71.489	-0.024
71.511	-0.024
71.533	-0.024
71.556	-0.024
71.578	-0.024
71.600	-0.024
71.622	-0.024
71.644	-0.024
71.667	-0.024
71.689	-0.024
71.711	-0.024
71.733	-0.024
71.756	-0.024
71.778	-0.024
71.800	-0.024
71.822	-0.024
71.844	-0.024
71.867	-0.024
71.889	-0.024
71.911	-0.024
71.933	-0.024
71.956	-0.024
71.978	-0.024
72.000	-0.024
72.022	-0.024
72.044	-0.024
72.067	-0.024
72.089	-0.024
72.111	-0.024
72.133	-0.023
72.156	-0.023
72.178	-0.023
72.200	-0.023
72.222	-0.023
72.244	-0.023
72.267	-0.023
72.289	-0.023
72.311	-0.023
72.333	-0.023
72.356	-0.023
72.378	-0.023
72.400	-0.022
72.422	-0.022
72.444	-0.022
72.467	-0.022
72.489	-0.022
72.511	-0.022
72.533	-0.022
72.556	-0.022
72.578	-0.022
72.600	-0.022
72.622	-0.022
72.644	-0.022
72.667	-0.022
72.689	-0.022
72.711	-0.022
72.733	-0.022
72.756	-0.022
72.778	-0.022
72.800	-0.022
72.822	-0.021
72.844	-0.021

72.867	-0.021
72.889	-0.021
72.911	-0.021
192.911	-0.003
312.911	-0.001
408.911	-0.000
432.911	0.000
552.911	0.000
672.911	0.000
792.911	0.000

Name: Hyd-3d Node: Node314 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000

1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
2.422	0.000
2.444	0.000
2.467	0.000
2.489	0.000
2.511	0.000

2.533	0.000
2.556	0.000
2.578	0.000
2.600	0.000
2.622	0.000
2.644	0.000
2.667	0.000
2.689	0.000
2.711	0.000
2.733	0.000
2.756	0.000
2.778	0.000
2.800	0.000
2.822	0.000
2.844	0.000
2.867	0.000
2.889	0.000
2.911	0.000
2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
3.067	0.000
3.089	0.000
3.111	0.000
3.133	0.000
3.156	0.000
3.178	0.000
3.200	0.000
3.222	0.000
3.244	0.000
3.267	0.000
3.289	0.000
3.311	0.000
3.333	0.000
3.356	0.000
3.378	0.000
3.400	0.000
3.422	0.000
3.444	0.000
3.467	0.000
3.489	0.000
3.511	0.000
3.533	0.000
3.556	0.000
3.578	0.000
3.600	0.000
3.622	0.000
3.644	0.000
3.667	0.000
3.689	0.000
3.711	0.000
3.733	0.000
3.756	0.000
3.778	0.000
3.800	0.000
3.822	0.000
3.844	0.000
3.867	0.000
3.889	0.000
3.911	0.000
3.933	0.000
3.956	0.000

3.978	0.000
4.000	0.000
4.022	0.000
4.044	0.000
4.067	0.000
4.089	0.000
4.111	0.000
4.133	0.000
4.156	0.000
4.178	0.000
4.200	0.000
4.222	0.000
4.244	0.000
4.267	0.000
4.289	0.000
4.311	0.000
4.333	0.000
4.356	0.000
4.378	0.000
4.400	0.000
4.422	0.000
4.444	0.000
4.467	0.000
4.489	0.000
4.511	0.000
4.533	0.000
4.556	0.000
4.578	0.000
4.600	0.000
4.622	0.000
4.644	0.000
4.667	0.000
4.689	0.000
4.711	0.000
4.733	-0.000
4.756	-0.000
4.778	-0.000
4.800	-0.000
4.822	-0.000
4.844	-0.000
4.867	-0.001
4.889	-0.001
4.911	-0.001
4.933	-0.001
4.956	-0.002
4.978	-0.002
5.000	-0.002
5.022	-0.002
5.044	-0.003
5.067	-0.003
5.089	-0.004
5.111	-0.004
5.133	-0.004
5.156	-0.005
5.178	-0.005
5.200	-0.005
5.222	-0.006
5.244	-0.006
5.267	-0.007
5.289	-0.007
5.311	-0.007
5.333	-0.008
5.356	-0.008
5.378	-0.008
5.400	-0.009

5.422	-0.009
5.444	-0.010
5.467	-0.010
5.489	-0.010
5.511	-0.011
5.533	-0.011
5.556	-0.011
5.578	-0.012
5.600	-0.012
5.622	-0.013
5.644	-0.013
5.667	-0.013
5.689	-0.014
5.711	-0.014
5.733	-0.014
5.756	-0.015
5.778	-0.015
5.800	-0.015
5.822	-0.016
5.844	-0.016
5.867	-0.016
5.889	-0.017
5.911	-0.017
5.933	-0.017
5.956	-0.018
5.978	-0.018
6.000	-0.018
6.022	-0.019
6.044	-0.019
6.067	-0.019
6.089	-0.020
6.111	-0.020
6.133	-0.020
6.156	-0.021
6.178	-0.021
6.200	-0.021
6.222	-0.022
6.244	-0.022
6.267	-0.022
6.289	-0.022
6.311	-0.023
6.333	-0.023
6.356	-0.023
6.378	-0.024
6.400	-0.024
6.422	-0.024
6.444	-0.025
6.467	-0.025
6.489	-0.025
6.511	-0.025
6.533	-0.026
6.556	-0.026
6.578	-0.026
6.600	-0.027
6.622	-0.027
6.644	-0.027
6.667	-0.027
6.689	-0.028
6.711	-0.028
6.733	-0.028
6.756	-0.028
6.778	-0.029
6.800	-0.029
6.822	-0.029
6.844	-0.029

6.867	-0.030
6.889	-0.030
6.911	-0.030
6.933	-0.030
6.956	-0.031
6.978	-0.031
7.000	-0.031
7.022	-0.031
7.044	-0.032
7.067	-0.032
7.089	-0.032
7.111	-0.032
7.133	-0.033
7.156	-0.033
7.178	-0.033
7.200	-0.033
7.222	-0.034
7.244	-0.034
7.267	-0.034
7.289	-0.034
7.311	-0.035
7.333	-0.035
7.356	-0.035
7.378	-0.035
7.400	-0.035
7.422	-0.036
7.444	-0.036
7.467	-0.036
7.489	-0.036
7.511	-0.037
7.533	-0.037
7.556	-0.037
7.578	-0.037
7.600	-0.037
7.622	-0.038
7.644	-0.038
7.667	-0.038
7.689	-0.038
7.711	-0.038
7.733	-0.039
7.756	-0.039
7.778	-0.039
7.800	-0.039
7.822	-0.039
7.844	-0.040
7.867	-0.040
7.889	-0.040
7.911	-0.040
7.933	-0.040
7.956	-0.041
7.978	-0.041
8.000	-0.041
8.022	-0.043
8.044	-0.046
8.067	-0.052
8.089	-0.060
8.111	-0.064
8.133	-0.064
8.156	-0.065
8.178	-0.066
8.200	-0.067
8.222	-0.068
8.244	-0.070
8.267	-0.071
8.289	-0.073

8.311	-0.074
8.333	-0.076
8.356	-0.078
8.378	-0.079
8.400	-0.081
8.422	-0.082
8.444	-0.084
8.467	-0.086
8.489	-0.087
8.511	-0.089
8.533	-0.090
8.556	-0.092
8.578	-0.093
8.600	-0.095
8.622	-0.096
8.644	-0.098
8.667	-0.099
8.689	-0.101
8.711	-0.102
8.733	-0.104
8.756	-0.105
8.778	-0.106
8.800	-0.108
8.822	-0.109
8.844	-0.110
8.867	-0.112
8.889	-0.113
8.911	-0.114
8.933	-0.115
8.956	-0.117
8.978	-0.118
9.000	-0.119
9.022	-0.120
9.044	-0.121
9.067	-0.123
9.089	-0.124
9.111	-0.125
9.133	-0.126
9.156	-0.127
9.178	-0.128
9.200	-0.129
9.222	-0.130
9.244	-0.131
9.267	-0.132
9.289	-0.133
9.311	-0.134
9.333	-0.135
9.356	-0.136
9.378	-0.137
9.400	-0.138
9.422	-0.139
9.444	-0.140
9.467	-0.141
9.489	-0.142
9.511	-0.143
9.533	-0.144
9.556	-0.145
9.578	-0.146
9.600	-0.147
9.622	-0.148
9.644	-0.149
9.667	-0.149
9.689	-0.150
9.711	-0.151
9.733	-0.152

9.756	-0.153
9.778	-0.154
9.800	-0.155
9.822	-0.155
9.844	-0.156
9.867	-0.157
9.889	-0.158
9.911	-0.159
9.933	-0.159
9.956	-0.160
9.978	-0.161
10.000	-0.162
10.022	-0.163
10.044	-0.163
10.067	-0.164
10.089	-0.165
10.111	-0.166
10.133	-0.166
10.156	-0.167
10.178	-0.168
10.200	-0.168
10.222	-0.169
10.244	-0.170
10.267	-0.171
10.289	-0.171
10.311	-0.172
10.333	-0.173
10.356	-0.173
10.378	-0.174
10.400	-0.175
10.422	-0.175
10.444	-0.176
10.467	-0.177
10.489	-0.177
10.511	-0.178
10.533	-0.179
10.556	-0.179
10.578	-0.180
10.600	-0.181
10.622	-0.181
10.644	-0.182
10.667	-0.182
10.689	-0.183
10.711	-0.184
10.733	-0.184
10.756	-0.185
10.778	-0.185
10.800	-0.186
10.822	-0.187
10.844	-0.187
10.867	-0.188
10.889	-0.188
10.911	-0.189
10.933	-0.190
10.956	-0.190
10.978	-0.191
11.000	-0.191
11.022	-0.192
11.044	-0.192
11.067	-0.193
11.089	-0.193
11.111	-0.194
11.133	-0.194
11.156	-0.195
11.178	-0.196

11.200	-0.196
11.222	-0.197
11.244	-0.197
11.267	-0.198
11.289	-0.198
11.311	-0.199
11.333	-0.199
11.356	-0.200
11.378	-0.200
11.400	-0.201
11.422	-0.201
11.444	-0.202
11.467	-0.202
11.489	-0.203
11.511	-0.203
11.533	-0.204
11.556	-0.204
11.578	-0.204
11.600	-0.205
11.622	-0.205
11.644	-0.206
11.667	-0.206
11.689	-0.207
11.711	-0.207
11.733	-0.208
11.756	-0.208
11.778	-0.209
11.800	-0.209
11.822	-0.209
11.844	-0.210
11.867	-0.210
11.889	-0.255
11.911	-0.234
11.933	-0.169
11.956	-0.167
11.978	-0.166
12.000	-0.164
12.022	-0.163
12.044	-0.161
12.067	-0.159
12.089	-0.158
12.111	-0.156
12.133	-0.154
12.156	-0.152
12.178	-0.150
12.200	-0.148
12.222	-0.146
12.244	-0.144
12.267	-0.142
12.289	-0.141
12.311	-0.139
12.333	-0.137
12.356	-0.135
12.378	-0.133
12.400	-0.131
12.422	-0.129
12.444	-0.127
12.467	-0.125
12.489	-0.124
12.511	-0.122
12.533	-0.120
12.556	-0.118
12.578	-0.117
12.600	-0.115
12.622	-0.114

12.644	-0.112
12.667	-0.111
12.689	-0.109
12.711	-0.108
12.733	-0.107
12.756	-0.105
12.778	-0.104
12.800	-0.103
12.822	-0.102
12.844	-0.100
12.867	-0.099
12.889	-0.098
12.911	-0.097
12.933	-0.096
12.956	-0.095
12.978	-0.094
13.000	-0.093
13.022	-0.092
13.044	-0.091
13.067	-0.091
13.089	-0.090
13.111	-0.089
13.133	-0.088
13.156	-0.087
13.178	-0.087
13.200	-0.086
13.222	-0.085
13.244	-0.085
13.267	-0.084
13.289	-0.084
13.311	-0.083
13.333	-0.082
13.356	-0.082
13.378	-0.081
13.400	-0.081
13.422	-0.080
13.444	-0.080
13.467	-0.079
13.489	-0.079
13.511	-0.078
13.533	-0.078
13.556	-0.078
13.578	-0.077
13.600	-0.077
13.622	-0.076
13.644	-0.076
13.667	-0.076
13.689	-0.075
13.711	-0.075
13.733	-0.075
13.756	-0.074
13.778	-0.074
13.800	-0.074
13.822	-0.073
13.844	-0.073
13.867	-0.073
13.889	-0.073
13.911	-0.072
13.933	-0.072
13.956	-0.072
13.978	-0.072
14.000	-0.071
14.022	-0.071
14.044	-0.071
14.067	-0.071

14.089	-0.070
14.111	-0.070
14.133	-0.070
14.156	-0.070
14.178	-0.070
14.200	-0.069
14.222	-0.069
14.244	-0.069
14.267	-0.069
14.289	-0.069
14.311	-0.068
14.333	-0.068
14.356	-0.068
14.378	-0.068
14.400	-0.068
14.422	-0.068
14.444	-0.068
14.467	-0.067
14.489	-0.067
14.511	-0.067
14.533	-0.067
14.556	-0.067
14.578	-0.067
14.600	-0.067
14.622	-0.066
14.644	-0.066
14.667	-0.066
14.689	-0.066
14.711	-0.066
14.733	-0.066
14.756	-0.066
14.778	-0.066
14.800	-0.065
14.822	-0.065
14.844	-0.065
14.867	-0.065
14.889	-0.065
14.911	-0.065
14.933	-0.065
14.956	-0.065
14.978	-0.065
15.000	-0.064
15.022	-0.064
15.044	-0.064
15.067	-0.064
15.089	-0.064
15.111	-0.064
15.133	-0.064
15.156	-0.064
15.178	-0.064
15.200	-0.064
15.222	-0.064
15.244	-0.063
15.267	-0.063
15.289	-0.063
15.311	-0.063
15.333	-0.063
15.356	-0.063
15.378	-0.063
15.400	-0.063
15.422	-0.063
15.444	-0.063
15.467	-0.063
15.489	-0.063
15.511	-0.063

15.533	-0.062
15.556	-0.062
15.578	-0.062
15.600	-0.062
15.622	-0.062
15.644	-0.062
15.667	-0.062
15.689	-0.062
15.711	-0.062
15.733	-0.062
15.756	-0.062
15.778	-0.062
15.800	-0.062
15.822	-0.062
15.844	-0.062
15.867	-0.062
15.889	-0.061
15.911	-0.061
15.933	-0.061
15.956	-0.061
15.978	-0.061
16.000	-0.061
16.022	-0.061
16.044	-0.061
16.067	-0.061
16.089	-0.061
16.111	-0.061
16.133	-0.060
16.156	-0.060
16.178	-0.060
16.200	-0.060
16.222	-0.060
16.244	-0.059
16.267	-0.059
16.289	-0.059
16.311	-0.058
16.333	-0.058
16.356	-0.058
16.378	-0.058
16.400	-0.057
16.422	-0.057
16.444	-0.057
16.467	-0.056
16.489	-0.056
16.511	-0.056
16.533	-0.056
16.556	-0.055
16.578	-0.055
16.600	-0.055
16.622	-0.055
16.644	-0.054
16.667	-0.054
16.689	-0.054
16.711	-0.054
16.733	-0.054
16.756	-0.053
16.778	-0.053
16.800	-0.053
16.822	-0.053
16.844	-0.053
16.867	-0.052
16.889	-0.052
16.911	-0.052
16.933	-0.052
16.956	-0.052

16.978	-0.051
17.000	-0.051
17.022	-0.051
17.044	-0.051
17.067	-0.051
17.089	-0.051
17.111	-0.050
17.133	-0.050
17.156	-0.050
17.178	-0.050
17.200	-0.050
17.222	-0.050
17.244	-0.050
17.267	-0.049
17.289	-0.049
17.311	-0.049
17.333	-0.049
17.356	-0.049
17.378	-0.049
17.400	-0.049
17.422	-0.049
17.444	-0.048
17.467	-0.048
17.489	-0.048
17.511	-0.048
17.533	-0.048
17.556	-0.048
17.578	-0.048
17.600	-0.048
17.622	-0.048
17.644	-0.047
17.667	-0.047
17.689	-0.047
17.711	-0.047
17.733	-0.047
17.756	-0.047
17.778	-0.047
17.800	-0.047
17.822	-0.047
17.844	-0.046
17.867	-0.046
17.889	-0.046
17.911	-0.046
17.933	-0.046
17.956	-0.046
17.978	-0.046
18.000	-0.046
18.022	-0.046
18.044	-0.046
18.067	-0.046
18.089	-0.045
18.111	-0.045
18.133	-0.045
18.156	-0.045
18.178	-0.045
18.200	-0.045
18.222	-0.045
18.244	-0.045
18.267	-0.045
18.289	-0.045
18.311	-0.045
18.333	-0.045
18.356	-0.045
18.378	-0.044
18.400	-0.044

18.422	-0.044
18.444	-0.044
18.467	-0.044
18.489	-0.044
18.511	-0.044
18.533	-0.044
18.556	-0.044
18.578	-0.044
18.600	-0.044
18.622	-0.044
18.644	-0.044
18.667	-0.044
18.689	-0.043
18.711	-0.043
18.733	-0.043
18.756	-0.043
18.778	-0.043
18.800	-0.043
18.822	-0.043
18.844	-0.043
18.867	-0.043
18.889	-0.043
18.911	-0.043
18.933	-0.043
18.956	-0.043
18.978	-0.043
19.000	-0.043
19.022	-0.042
19.044	-0.042
19.067	-0.042
19.089	-0.042
19.111	-0.042
19.133	-0.042
19.156	-0.042
19.178	-0.042
19.200	-0.042
19.222	-0.042
19.244	-0.042
19.267	-0.042
19.289	-0.042
19.311	-0.042
19.333	-0.042
19.356	-0.042
19.378	-0.042
19.400	-0.042
19.422	-0.041
19.444	-0.041
19.467	-0.041
19.489	-0.041
19.511	-0.041
19.533	-0.041
19.556	-0.041
19.578	-0.041
19.600	-0.041
19.622	-0.041
19.644	-0.041
19.667	-0.041
19.689	-0.041
19.711	-0.041
19.733	-0.041
19.756	-0.041
19.778	-0.041
19.800	-0.041
19.822	-0.041
19.844	-0.041

19.867	-0.041
19.889	-0.040
19.911	-0.040
19.933	-0.040
19.956	-0.040
19.978	-0.040
20.000	-0.040
20.022	-0.040
20.044	-0.040
20.067	-0.040
20.089	-0.040
20.111	-0.040
20.133	-0.040
20.156	-0.040
20.178	-0.040
20.200	-0.040
20.222	-0.039
20.244	-0.039
20.267	-0.039
20.289	-0.039
20.311	-0.039
20.333	-0.039
20.356	-0.039
20.378	-0.039
20.400	-0.039
20.422	-0.039
20.444	-0.038
20.467	-0.038
20.489	-0.038
20.511	-0.038
20.533	-0.038
20.556	-0.038
20.578	-0.038
20.600	-0.038
20.622	-0.038
20.644	-0.037
20.667	-0.037
20.689	-0.037
20.711	-0.037
20.733	-0.037
20.756	-0.037
20.778	-0.037
20.800	-0.037
20.822	-0.037
20.844	-0.037
20.867	-0.037
20.889	-0.037
20.911	-0.036
20.933	-0.036
20.956	-0.036
20.978	-0.036
21.000	-0.036
21.022	-0.036
21.044	-0.036
21.067	-0.036
21.089	-0.036
21.111	-0.036
21.133	-0.036
21.156	-0.036
21.178	-0.036
21.200	-0.035
21.222	-0.035
21.244	-0.035
21.267	-0.035
21.289	-0.035

21.311	-0.035
21.333	-0.035
21.356	-0.035
21.378	-0.035
21.400	-0.035
21.422	-0.035
21.444	-0.035
21.467	-0.035
21.489	-0.035
21.511	-0.035
21.533	-0.035
21.556	-0.035
21.578	-0.034
21.600	-0.034
21.622	-0.034
21.644	-0.034
21.667	-0.034
21.689	-0.034
21.711	-0.034
21.733	-0.034
21.756	-0.034
21.778	-0.034
21.800	-0.034
21.822	-0.034
21.844	-0.034
21.867	-0.034
21.889	-0.034
21.911	-0.034
21.933	-0.034
21.956	-0.034
21.978	-0.033
22.000	-0.033
22.022	-0.033
22.044	-0.033
22.067	-0.033
22.089	-0.033
22.111	-0.033
22.133	-0.033
22.156	-0.033
22.178	-0.033
22.200	-0.033
22.222	-0.033
22.244	-0.033
22.267	-0.033
22.289	-0.033
22.311	-0.033
22.333	-0.033
22.356	-0.033
22.378	-0.033
22.400	-0.033
22.422	-0.033
22.444	-0.032
22.467	-0.032
22.489	-0.032
22.511	-0.032
22.533	-0.032
22.556	-0.032
22.578	-0.032
22.600	-0.032
22.622	-0.032
22.644	-0.032
22.667	-0.032
22.689	-0.032
22.711	-0.032
22.733	-0.032

22.756	-0.032
22.778	-0.032
22.800	-0.032
22.822	-0.032
22.844	-0.032
22.867	-0.032
22.889	-0.032
22.911	-0.032
22.933	-0.032
22.956	-0.032
22.978	-0.032
23.000	-0.031
23.022	-0.031
23.044	-0.031
23.067	-0.031
23.089	-0.031
23.111	-0.031
23.133	-0.031
23.156	-0.031
23.178	-0.031
23.200	-0.031
23.222	-0.031
23.244	-0.031
23.267	-0.031
23.289	-0.031
23.311	-0.031
23.333	-0.031
23.356	-0.031
23.378	-0.031
23.400	-0.031
23.422	-0.031
23.444	-0.031
23.467	-0.031
23.489	-0.031
23.511	-0.031
23.533	-0.031
23.556	-0.031
23.578	-0.031
23.600	-0.030
23.622	-0.030
23.644	-0.030
23.667	-0.030
23.689	-0.030
23.711	-0.030
23.733	-0.030
23.756	-0.030
23.778	-0.030
23.800	-0.030
23.822	-0.030
23.844	-0.030
23.867	-0.030
23.889	-0.030
23.911	-0.030
23.933	-0.030
23.956	-0.030
23.978	-0.030
24.000	-0.030
24.022	-0.030
24.044	-0.030
24.067	-0.030
24.089	-0.030
24.111	-0.030
24.133	-0.030
24.156	-0.030
24.178	-0.030

24.200	-0.030
24.222	-0.030
24.244	-0.030
24.267	-0.030
24.289	-0.030
24.311	-0.030
24.333	-0.030
24.356	-0.030
24.378	-0.030
24.400	-0.030
24.422	-0.030
24.444	-0.030
24.467	-0.030
24.489	-0.030
24.511	-0.030
24.533	-0.030
24.556	-0.030
24.578	-0.030
24.600	-0.030
24.622	-0.030
24.644	-0.030
24.667	-0.030
24.689	-0.030
24.711	-0.030
24.733	-0.030
24.756	-0.030
24.778	-0.030
24.800	-0.030
24.822	-0.030
24.844	-0.030
24.867	-0.030
24.889	-0.030
24.911	-0.030
24.933	-0.030
24.956	-0.030
24.978	-0.030
25.000	-0.030
25.022	-0.030
25.044	-0.030
25.067	-0.030
25.089	-0.030
25.111	-0.030
25.133	-0.030
25.156	-0.030
25.178	-0.030
25.200	-0.030
25.222	-0.030
25.244	-0.030
25.267	-0.030
25.289	-0.030
25.311	-0.030
25.333	-0.030
25.356	-0.030
25.378	-0.030
25.400	-0.030
25.422	-0.030
25.444	-0.030
25.467	-0.030
25.489	-0.030
25.511	-0.030
25.533	-0.030
25.556	-0.030
25.578	-0.030
25.600	-0.030
25.622	-0.030

25.644	-0.030
25.667	-0.030
25.689	-0.030
25.711	-0.030
25.733	-0.030
25.756	-0.030
25.778	-0.030
25.800	-0.030
25.822	-0.030
25.844	-0.030
25.867	-0.030
25.889	-0.030
25.911	-0.030
25.933	-0.030
25.956	-0.030
25.978	-0.030
26.000	-0.030
26.022	-0.030
26.044	-0.030
26.067	-0.030
26.089	-0.030
26.111	-0.030
26.133	-0.030
26.156	-0.030
26.178	-0.030
26.200	-0.030
26.222	-0.030
26.244	-0.030
26.267	-0.030
26.289	-0.030
26.311	-0.030
26.333	-0.030
26.356	-0.030
26.378	-0.030
26.400	-0.030
26.422	-0.030
26.444	-0.030
26.467	-0.030
26.489	-0.030
26.511	-0.030
26.533	-0.030
26.556	-0.030
26.578	-0.030
26.600	-0.030
26.622	-0.030
26.644	-0.030
26.667	-0.030
26.689	-0.030
26.711	-0.030
26.733	-0.030
26.756	-0.030
26.778	-0.030
26.800	-0.030
26.822	-0.030
26.844	-0.030
26.867	-0.030
26.889	-0.030
26.911	-0.030
26.933	-0.030
26.956	-0.030
26.978	-0.030
27.000	-0.030
27.022	-0.030
27.044	-0.030
27.067	-0.030

27.089	-0.030
27.111	-0.030
27.133	-0.030
27.156	-0.030
27.178	-0.030
27.200	-0.030
27.222	-0.030
27.244	-0.030
27.267	-0.030
27.289	-0.030
27.311	-0.030
27.333	-0.030
27.356	-0.030
27.378	-0.030
27.400	-0.030
27.422	-0.030
27.444	-0.030
27.467	-0.030
27.489	-0.030
27.511	-0.030
27.533	-0.030
27.556	-0.030
27.578	-0.030
27.600	-0.030
27.622	-0.030
27.644	-0.030
27.667	-0.030
27.689	-0.030
27.711	-0.030
27.733	-0.030
27.756	-0.030
27.778	-0.030
27.800	-0.030
27.822	-0.030
27.844	-0.029
27.867	-0.029
27.889	-0.029
27.911	-0.029
27.933	-0.029
27.956	-0.029
27.978	-0.029
28.000	-0.029
28.022	-0.029
28.044	-0.029
28.067	-0.029
28.089	-0.029
28.111	-0.030
28.133	-0.030
28.156	-0.030
28.178	-0.030
28.200	-0.030
28.222	-0.030
28.244	-0.030
28.267	-0.030
28.289	-0.030
28.311	-0.030
28.333	-0.030
28.356	-0.030
28.378	-0.031
28.400	-0.031
28.422	-0.031
28.444	-0.031
28.467	-0.031
28.489	-0.031
28.511	-0.031

28.533	-0.031
28.556	-0.031
28.578	-0.031
28.600	-0.031
28.622	-0.032
28.644	-0.032
28.667	-0.032
28.689	-0.032
28.711	-0.032
28.733	-0.032
28.756	-0.032
28.778	-0.032
28.800	-0.032
28.822	-0.032
28.844	-0.032
28.867	-0.032
28.889	-0.032
28.911	-0.032
28.933	-0.032
28.956	-0.033
28.978	-0.033
29.000	-0.033
29.022	-0.033
29.044	-0.033
29.067	-0.033
29.089	-0.033
29.111	-0.033
29.133	-0.033
29.156	-0.033
29.178	-0.033
29.200	-0.033
29.222	-0.033
29.244	-0.033
29.267	-0.033
29.289	-0.033
29.311	-0.033
29.333	-0.033
29.356	-0.033
29.378	-0.033
29.400	-0.033
29.422	-0.033
29.444	-0.033
29.467	-0.034
29.489	-0.034
29.511	-0.034
29.533	-0.034
29.556	-0.034
29.578	-0.034
29.600	-0.034
29.622	-0.034
29.644	-0.034
29.667	-0.034
29.689	-0.034
29.711	-0.034
29.733	-0.034
29.756	-0.034
29.778	-0.034
29.800	-0.034
29.822	-0.034
29.844	-0.034
29.867	-0.034
29.889	-0.034
29.911	-0.034
29.933	-0.034
29.956	-0.034

29.978	-0.034
30.000	-0.034
30.022	-0.034
30.044	-0.034
30.067	-0.034
30.089	-0.034
30.111	-0.034
30.133	-0.034
30.156	-0.034
30.178	-0.034
30.200	-0.034
30.222	-0.034
30.244	-0.034
30.267	-0.034
30.289	-0.034
30.311	-0.035
30.333	-0.035
30.356	-0.035
30.378	-0.035
30.400	-0.035
30.422	-0.035
30.444	-0.035
30.467	-0.035
30.489	-0.035
30.511	-0.035
30.533	-0.035
30.556	-0.035
30.578	-0.035
30.600	-0.035
30.622	-0.035
30.644	-0.035
30.667	-0.035
30.689	-0.035
30.711	-0.035
30.733	-0.035
30.756	-0.035
30.778	-0.035
30.800	-0.035
30.822	-0.035
30.844	-0.035
30.867	-0.035
30.889	-0.035
30.911	-0.035
30.933	-0.035
30.956	-0.035
30.978	-0.035
31.000	-0.035
31.022	-0.035
31.044	-0.035
31.067	-0.035
31.089	-0.035
31.111	-0.035
31.133	-0.035
31.156	-0.035
31.178	-0.035
31.200	-0.035
31.222	-0.035
31.244	-0.035
31.267	-0.035
31.289	-0.035
31.311	-0.035
31.333	-0.035
31.356	-0.035
31.378	-0.035
31.400	-0.035

31.422	-0.035
31.444	-0.035
31.467	-0.035
31.489	-0.035
31.511	-0.035
31.533	-0.035
31.556	-0.035
31.578	-0.035
31.600	-0.035
31.622	-0.035
31.644	-0.035
31.667	-0.036
31.689	-0.036
31.711	-0.036
31.733	-0.036
31.756	-0.036
31.778	-0.036
31.800	-0.036
31.822	-0.036
31.844	-0.036
31.867	-0.036
31.889	-0.036
31.911	-0.036
31.933	-0.036
31.956	-0.036
31.978	-0.036
32.000	-0.036
32.022	-0.036
32.044	-0.036
32.067	-0.036
32.089	-0.036
32.111	-0.036
32.133	-0.037
32.156	-0.037
32.178	-0.037
32.200	-0.038
32.222	-0.038
32.244	-0.039
32.267	-0.039
32.289	-0.040
32.311	-0.040
32.333	-0.041
32.356	-0.041
32.378	-0.042
32.400	-0.042
32.422	-0.043
32.444	-0.043
32.467	-0.044
32.489	-0.044
32.511	-0.045
32.533	-0.045
32.556	-0.045
32.578	-0.046
32.600	-0.046
32.622	-0.047
32.644	-0.047
32.667	-0.047
32.689	-0.048
32.711	-0.048
32.733	-0.048
32.756	-0.049
32.778	-0.049
32.800	-0.049
32.822	-0.050
32.844	-0.050

32.867	-0.050
32.889	-0.051
32.911	-0.051
32.933	-0.051
32.956	-0.052
32.978	-0.052
33.000	-0.052
33.022	-0.052
33.044	-0.053
33.067	-0.053
33.089	-0.053
33.111	-0.053
33.133	-0.053
33.156	-0.054
33.178	-0.054
33.200	-0.054
33.222	-0.054
33.244	-0.055
33.267	-0.055
33.289	-0.055
33.311	-0.055
33.333	-0.055
33.356	-0.055
33.378	-0.056
33.400	-0.056
33.422	-0.056
33.444	-0.056
33.467	-0.056
33.489	-0.057
33.511	-0.057
33.533	-0.057
33.556	-0.057
33.578	-0.057
33.600	-0.057
33.622	-0.057
33.644	-0.058
33.667	-0.058
33.689	-0.058
33.711	-0.058
33.733	-0.058
33.756	-0.058
33.778	-0.058
33.800	-0.059
33.822	-0.059
33.844	-0.059
33.867	-0.059
33.889	-0.059
33.911	-0.059
33.933	-0.059
33.956	-0.060
33.978	-0.060
34.000	-0.060
34.022	-0.060
34.044	-0.060
34.067	-0.061
34.089	-0.061
34.111	-0.062
34.133	-0.062
34.156	-0.063
34.178	-0.063
34.200	-0.063
34.222	-0.064
34.244	-0.064
34.267	-0.064
34.289	-0.064

34.311	-0.064
34.333	-0.064
34.356	-0.064
34.378	-0.064
34.400	-0.064
34.422	-0.064
34.444	-0.064
34.467	-0.063
34.489	-0.063
34.511	-0.063
34.533	-0.063
34.556	-0.063
34.578	-0.062
34.600	-0.062
34.622	-0.062
34.644	-0.062
34.667	-0.061
34.689	-0.061
34.711	-0.061
34.733	-0.061
34.756	-0.060
34.778	-0.060
34.800	-0.060
34.822	-0.060
34.844	-0.059
34.867	-0.059
34.889	-0.059
34.911	-0.058
34.933	-0.058
34.956	-0.058
34.978	-0.058
35.000	-0.057
35.022	-0.057
35.044	-0.057
35.067	-0.057
35.089	-0.056
35.111	-0.056
35.133	-0.056
35.156	-0.056
35.178	-0.055
35.200	-0.055
35.222	-0.055
35.244	-0.055
35.267	-0.054
35.289	-0.054
35.311	-0.054
35.333	-0.054
35.356	-0.053
35.378	-0.053
35.400	-0.053
35.422	-0.053
35.444	-0.053
35.467	-0.052
35.489	-0.052
35.511	-0.052
35.533	-0.052
35.556	-0.052
35.578	-0.051
35.600	-0.051
35.622	-0.051
35.644	-0.051
35.667	-0.051
35.689	-0.051
35.711	-0.050
35.733	-0.050

35.756	-0.050
35.778	-0.050
35.800	-0.050
35.822	-0.050
35.844	-0.049
35.867	-0.049
35.889	-0.049
35.911	-0.049
35.933	-0.049
35.956	-0.049
35.978	-0.049
36.000	-0.048
36.022	-0.048
36.044	-0.048
36.067	-0.048
36.089	-0.047
36.111	-0.047
36.133	-0.046
36.156	-0.046
36.178	-0.045
36.200	-0.045
36.222	-0.044
36.244	-0.044
36.267	-0.044
36.289	-0.043
36.311	-0.043
36.333	-0.043
36.356	-0.043
36.378	-0.042
36.400	-0.042
36.422	-0.042
36.444	-0.042
36.467	-0.042
36.489	-0.042
36.511	-0.041
36.533	-0.041
36.556	-0.041
36.578	-0.041
36.600	-0.041
36.622	-0.041
36.644	-0.041
36.667	-0.041
36.689	-0.041
36.711	-0.041
36.733	-0.040
36.756	-0.040
36.778	-0.040
36.800	-0.040
36.822	-0.040
36.844	-0.040
36.867	-0.040
36.889	-0.040
36.911	-0.040
36.933	-0.040
36.956	-0.040
36.978	-0.040
37.000	-0.040
37.022	-0.040
37.044	-0.040
37.067	-0.040
37.089	-0.040
37.111	-0.040
37.133	-0.040
37.156	-0.040
37.178	-0.040

37.200	-0.040
37.222	-0.040
37.244	-0.040
37.267	-0.040
37.289	-0.039
37.311	-0.039
37.333	-0.039
37.356	-0.039
37.378	-0.039
37.400	-0.039
37.422	-0.039
37.444	-0.039
37.467	-0.039
37.489	-0.039
37.511	-0.039
37.533	-0.039
37.556	-0.039
37.578	-0.039
37.600	-0.039
37.622	-0.039
37.644	-0.039
37.667	-0.039
37.689	-0.039
37.711	-0.039
37.733	-0.039
37.756	-0.039
37.778	-0.039
37.800	-0.039
37.822	-0.039
37.844	-0.039
37.867	-0.039
37.889	-0.039
37.911	-0.039
37.933	-0.039
37.956	-0.039
37.978	-0.039
38.000	-0.038
38.022	-0.038
38.044	-0.038
38.067	-0.038
38.089	-0.038
38.111	-0.038
38.133	-0.038
38.156	-0.038
38.178	-0.038
38.200	-0.038
38.222	-0.038
38.244	-0.038
38.267	-0.038
38.289	-0.038
38.311	-0.038
38.333	-0.038
38.356	-0.038
38.378	-0.038
38.400	-0.038
38.422	-0.038
38.444	-0.038
38.467	-0.038
38.489	-0.038
38.511	-0.038
38.533	-0.038
38.556	-0.038
38.578	-0.038
38.600	-0.038
38.622	-0.038

38.644	-0.038
38.667	-0.038
38.689	-0.037
38.711	-0.037
38.733	-0.037
38.756	-0.037
38.778	-0.037
38.800	-0.037
38.822	-0.037
38.844	-0.037
38.867	-0.037
38.889	-0.037
38.911	-0.037
38.933	-0.037
38.956	-0.037
38.978	-0.037
39.000	-0.037
39.022	-0.037
39.044	-0.037
39.067	-0.037
39.089	-0.037
39.111	-0.037
39.133	-0.037
39.156	-0.037
39.178	-0.037
39.200	-0.037
39.222	-0.037
39.244	-0.037
39.267	-0.037
39.289	-0.037
39.311	-0.037
39.333	-0.037
39.356	-0.037
39.378	-0.037
39.400	-0.036
39.422	-0.036
39.444	-0.036
39.467	-0.036
39.489	-0.036
39.511	-0.036
39.533	-0.036
39.556	-0.036
39.578	-0.036
39.600	-0.036
39.622	-0.036
39.644	-0.036
39.667	-0.036
39.689	-0.036
39.711	-0.036
39.733	-0.036
39.756	-0.036
39.778	-0.036
39.800	-0.036
39.822	-0.036
39.844	-0.036
39.867	-0.036
39.889	-0.036
39.911	-0.036
39.933	-0.036
39.956	-0.036
39.978	-0.036
40.000	-0.036
40.022	-0.036
40.044	-0.036
40.067	-0.035

40.089	-0.035
40.111	-0.035
40.133	-0.034
40.156	-0.034
40.178	-0.034
40.200	-0.033
40.222	-0.033
40.244	-0.033
40.267	-0.033
40.289	-0.033
40.311	-0.032
40.333	-0.032
40.356	-0.032
40.378	-0.032
40.400	-0.032
40.422	-0.032
40.444	-0.032
40.467	-0.032
40.489	-0.031
40.511	-0.031
40.533	-0.031
40.556	-0.031
40.578	-0.031
40.600	-0.031
40.622	-0.031
40.644	-0.031
40.667	-0.031
40.689	-0.031
40.711	-0.031
40.733	-0.031
40.756	-0.031
40.778	-0.031
40.800	-0.031
40.822	-0.031
40.844	-0.031
40.867	-0.031
40.889	-0.031
40.911	-0.031
40.933	-0.031
40.956	-0.031
40.978	-0.031
41.000	-0.031
41.022	-0.031
41.044	-0.031
41.067	-0.031
41.089	-0.031
41.111	-0.031
41.133	-0.031
41.156	-0.031
41.178	-0.031
41.200	-0.031
41.222	-0.031
41.244	-0.031
41.267	-0.031
41.289	-0.031
41.311	-0.031
41.333	-0.031
41.356	-0.031
41.378	-0.031
41.400	-0.031
41.422	-0.031
41.444	-0.031
41.467	-0.031
41.489	-0.031
41.511	-0.031

41.533	-0.031
41.556	-0.031
41.578	-0.031
41.600	-0.031
41.622	-0.031
41.644	-0.031
41.667	-0.031
41.689	-0.031
41.711	-0.031
41.733	-0.031
41.756	-0.031
41.778	-0.031
41.800	-0.031
41.822	-0.031
41.844	-0.031
41.867	-0.031
41.889	-0.031
41.911	-0.031
41.933	-0.031
41.956	-0.031
41.978	-0.031
42.000	-0.031
42.022	-0.031
42.044	-0.031
42.067	-0.031
42.089	-0.031
42.111	-0.031
42.133	-0.031
42.156	-0.031
42.178	-0.031
42.200	-0.031
42.222	-0.031
42.244	-0.031
42.267	-0.031
42.289	-0.031
42.311	-0.031
42.333	-0.031
42.356	-0.031
42.378	-0.031
42.400	-0.031
42.422	-0.031
42.444	-0.031
42.467	-0.031
42.489	-0.031
42.511	-0.031
42.533	-0.031
42.556	-0.031
42.578	-0.031
42.600	-0.031
42.622	-0.031
42.644	-0.031
42.667	-0.031
42.689	-0.030
42.711	-0.030
42.733	-0.030
42.756	-0.030
42.778	-0.030
42.800	-0.030
42.822	-0.030
42.844	-0.030
42.867	-0.030
42.889	-0.030
42.911	-0.030
42.933	-0.030
42.956	-0.030

42.978	-0.030
43.000	-0.030
43.022	-0.030
43.044	-0.030
43.067	-0.030
43.089	-0.030
43.111	-0.030
43.133	-0.030
43.156	-0.030
43.178	-0.030
43.200	-0.030
43.222	-0.030
43.244	-0.030
43.267	-0.030
43.289	-0.030
43.311	-0.030
43.333	-0.030
43.356	-0.030
43.378	-0.030
43.400	-0.030
43.422	-0.030
43.444	-0.030
43.467	-0.030
43.489	-0.030
43.511	-0.030
43.533	-0.030
43.556	-0.030
43.578	-0.030
43.600	-0.030
43.622	-0.030
43.644	-0.030
43.667	-0.030
43.689	-0.030
43.711	-0.030
43.733	-0.030
43.756	-0.030
43.778	-0.030
43.800	-0.030
43.822	-0.030
43.844	-0.030
43.867	-0.030
43.889	-0.030
43.911	-0.030
43.933	-0.030
43.956	-0.030
43.978	-0.030
44.000	-0.030
44.022	-0.030
44.044	-0.030
44.067	-0.030
44.089	-0.030
44.111	-0.030
44.133	-0.030
44.156	-0.029
44.178	-0.029
44.200	-0.029
44.222	-0.029
44.244	-0.029
44.267	-0.029
44.289	-0.029
44.311	-0.029
44.333	-0.029
44.356	-0.029
44.378	-0.029
44.400	-0.029

44.422	-0.029
44.444	-0.029
44.467	-0.029
44.489	-0.029
44.511	-0.028
44.533	-0.028
44.556	-0.028
44.578	-0.028
44.600	-0.028
44.622	-0.028
44.644	-0.028
44.667	-0.028
44.689	-0.028
44.711	-0.028
44.733	-0.028
44.756	-0.028
44.778	-0.028
44.800	-0.028
44.822	-0.028
44.844	-0.028
44.867	-0.028
44.889	-0.028
44.911	-0.028
44.933	-0.028
44.956	-0.028
44.978	-0.028
45.000	-0.028
45.022	-0.028
45.044	-0.028
45.067	-0.028
45.089	-0.028
45.111	-0.028
45.133	-0.028
45.156	-0.028
45.178	-0.028
45.200	-0.028
45.222	-0.028
45.244	-0.028
45.267	-0.028
45.289	-0.028
45.311	-0.028
45.333	-0.028
45.356	-0.028
45.378	-0.028
45.400	-0.028
45.422	-0.028
45.444	-0.028
45.467	-0.028
45.489	-0.028
45.511	-0.028
45.533	-0.028
45.556	-0.028
45.578	-0.028
45.600	-0.028
45.622	-0.028
45.644	-0.028
45.667	-0.028
45.689	-0.028
45.711	-0.028
45.733	-0.028
45.756	-0.028
45.778	-0.028
45.800	-0.028
45.822	-0.028
45.844	-0.028

45.867	-0.028
45.889	-0.028
45.911	-0.028
45.933	-0.028
45.956	-0.028
45.978	-0.028
46.000	-0.028
46.022	-0.028
46.044	-0.028
46.067	-0.028
46.089	-0.028
46.111	-0.028
46.133	-0.027
46.156	-0.027
46.178	-0.027
46.200	-0.027
46.222	-0.027
46.244	-0.027
46.267	-0.027
46.289	-0.027
46.311	-0.027
46.333	-0.027
46.356	-0.027
46.378	-0.027
46.400	-0.027
46.422	-0.027
46.444	-0.027
46.467	-0.027
46.489	-0.027
46.511	-0.027
46.533	-0.027
46.556	-0.027
46.578	-0.027
46.600	-0.027
46.622	-0.027
46.644	-0.027
46.667	-0.027
46.689	-0.027
46.711	-0.027
46.733	-0.027
46.756	-0.027
46.778	-0.027
46.800	-0.027
46.822	-0.027
46.844	-0.027
46.867	-0.027
46.889	-0.027
46.911	-0.027
46.933	-0.027
46.956	-0.027
46.978	-0.027
47.000	-0.027
47.022	-0.027
47.044	-0.027
47.067	-0.027
47.089	-0.027
47.111	-0.027
47.133	-0.027
47.156	-0.027
47.178	-0.027
47.200	-0.027
47.222	-0.027
47.244	-0.027
47.267	-0.027
47.289	-0.027

47.311	-0.027
47.333	-0.027
47.356	-0.027
47.378	-0.027
47.400	-0.027
47.422	-0.027
47.444	-0.027
47.467	-0.027
47.489	-0.027
47.511	-0.027
47.533	-0.027
47.556	-0.027
47.578	-0.027
47.600	-0.027
47.622	-0.027
47.644	-0.027
47.667	-0.027
47.689	-0.027
47.711	-0.027
47.733	-0.027
47.756	-0.027
47.778	-0.027
47.800	-0.027
47.822	-0.027
47.844	-0.027
47.867	-0.027
47.889	-0.027
47.911	-0.027
47.933	-0.027
47.956	-0.027
47.978	-0.027
48.000	-0.027
48.022	-0.027
48.044	-0.027
48.067	-0.027
48.089	-0.027
48.111	-0.027
48.133	-0.027
48.156	-0.027
48.178	-0.027
48.200	-0.027
48.222	-0.027
48.244	-0.027
48.267	-0.027
48.289	-0.027
48.311	-0.028
48.333	-0.028
48.356	-0.028
48.378	-0.028
48.400	-0.028
48.422	-0.028
48.444	-0.028
48.467	-0.028
48.489	-0.028
48.511	-0.028
48.533	-0.028
48.556	-0.028
48.578	-0.028
48.600	-0.028
48.622	-0.028
48.644	-0.028
48.667	-0.028
48.689	-0.028
48.711	-0.028
48.733	-0.028

48.756	-0.028
48.778	-0.028
48.800	-0.028
48.822	-0.028
48.844	-0.028
48.867	-0.028
48.889	-0.028
48.911	-0.028
48.933	-0.028
48.956	-0.028
48.978	-0.028
49.000	-0.028
49.022	-0.028
49.044	-0.028
49.067	-0.028
49.089	-0.028
49.111	-0.028
49.133	-0.028
49.156	-0.028
49.178	-0.028
49.200	-0.028
49.222	-0.028
49.244	-0.028
49.267	-0.028
49.289	-0.028
49.311	-0.028
49.333	-0.028
49.356	-0.028
49.378	-0.028
49.400	-0.028
49.422	-0.028
49.444	-0.028
49.467	-0.028
49.489	-0.028
49.511	-0.028
49.533	-0.028
49.556	-0.028
49.578	-0.028
49.600	-0.028
49.622	-0.028
49.644	-0.028
49.667	-0.028
49.689	-0.028
49.711	-0.028
49.733	-0.028
49.756	-0.028
49.778	-0.028
49.800	-0.028
49.822	-0.028
49.844	-0.028
49.867	-0.028
49.889	-0.028
49.911	-0.028
49.933	-0.028
49.956	-0.028
49.978	-0.028
50.000	-0.028
50.022	-0.028
50.044	-0.028
50.067	-0.028
50.089	-0.028
50.111	-0.028
50.133	-0.028
50.156	-0.028
50.178	-0.027

50.200	-0.027
50.222	-0.027
50.244	-0.027
50.267	-0.027
50.289	-0.027
50.311	-0.027
50.333	-0.027
50.356	-0.027
50.378	-0.027
50.400	-0.027
50.422	-0.027
50.444	-0.027
50.467	-0.027
50.489	-0.027
50.511	-0.027
50.533	-0.027
50.556	-0.027
50.578	-0.027
50.600	-0.027
50.622	-0.027
50.644	-0.027
50.667	-0.027
50.689	-0.027
50.711	-0.027
50.733	-0.027
50.756	-0.027
50.778	-0.027
50.800	-0.027
50.822	-0.027
50.844	-0.027
50.867	-0.027
50.889	-0.027
50.911	-0.027
50.933	-0.027
50.956	-0.027
50.978	-0.027
51.000	-0.027
51.022	-0.027
51.044	-0.027
51.067	-0.027
51.089	-0.027
51.111	-0.027
51.133	-0.027
51.156	-0.027
51.178	-0.027
51.200	-0.027
51.222	-0.027
51.244	-0.027
51.267	-0.027
51.289	-0.027
51.311	-0.027
51.333	-0.027
51.356	-0.027
51.378	-0.027
51.400	-0.027
51.422	-0.027
51.444	-0.027
51.467	-0.027
51.489	-0.027
51.511	-0.027
51.533	-0.027
51.556	-0.027
51.578	-0.027
51.600	-0.027
51.622	-0.027

51.644	-0.027
51.667	-0.027
51.689	-0.027
51.711	-0.026
51.733	-0.026
51.756	-0.026
51.778	-0.026
51.800	-0.026
51.822	-0.026
51.844	-0.026
51.867	-0.026
51.889	-0.026
51.911	-0.026
51.933	-0.026
51.956	-0.026
51.978	-0.026
52.000	-0.026
52.022	-0.026
52.044	-0.026
52.067	-0.026
52.089	-0.027
52.111	-0.027
52.133	-0.027
52.156	-0.027
52.178	-0.027
52.200	-0.027
52.222	-0.027
52.244	-0.027
52.267	-0.028
52.289	-0.028
52.311	-0.028
52.333	-0.028
52.356	-0.028
52.378	-0.028
52.400	-0.028
52.422	-0.028
52.444	-0.028
52.467	-0.028
52.489	-0.028
52.511	-0.028
52.533	-0.028
52.556	-0.028
52.578	-0.028
52.600	-0.028
52.622	-0.028
52.644	-0.028
52.667	-0.028
52.689	-0.028
52.711	-0.028
52.733	-0.028
52.756	-0.028
52.778	-0.028
52.800	-0.028
52.822	-0.028
52.844	-0.028
52.867	-0.028
52.889	-0.028
52.911	-0.028
52.933	-0.028
52.956	-0.028
52.978	-0.028
53.000	-0.028
53.022	-0.028
53.044	-0.028
53.067	-0.028

53.089	-0.028
53.111	-0.028
53.133	-0.028
53.156	-0.028
53.178	-0.028
53.200	-0.028
53.222	-0.028
53.244	-0.028
53.267	-0.028
53.289	-0.028
53.311	-0.028
53.333	-0.028
53.356	-0.028
53.378	-0.028
53.400	-0.028
53.422	-0.028
53.444	-0.028
53.467	-0.028
53.489	-0.028
53.511	-0.028
53.533	-0.028
53.556	-0.028
53.578	-0.028
53.600	-0.028
53.622	-0.028
53.644	-0.028
53.667	-0.027
53.689	-0.027
53.711	-0.027
53.733	-0.027
53.756	-0.027
53.778	-0.027
53.800	-0.027
53.822	-0.027
53.844	-0.027
53.867	-0.027
53.889	-0.027
53.911	-0.027
53.933	-0.027
53.956	-0.027
53.978	-0.027
54.000	-0.027
54.022	-0.027
54.044	-0.027
54.067	-0.027
54.089	-0.027
54.111	-0.027
54.133	-0.027
54.156	-0.027
54.178	-0.027
54.200	-0.027
54.222	-0.027
54.244	-0.027
54.267	-0.027
54.289	-0.027
54.311	-0.027
54.333	-0.027
54.356	-0.027
54.378	-0.027
54.400	-0.027
54.422	-0.027
54.444	-0.027
54.467	-0.027
54.489	-0.027
54.511	-0.027

54.533	-0.027
54.556	-0.027
54.578	-0.027
54.600	-0.027
54.622	-0.027
54.644	-0.027
54.667	-0.027
54.689	-0.026
54.711	-0.026
54.733	-0.026
54.756	-0.026
54.778	-0.026
54.800	-0.026
54.822	-0.026
54.844	-0.026
54.867	-0.026
54.889	-0.026
54.911	-0.026
54.933	-0.026
54.956	-0.026
54.978	-0.026
55.000	-0.026
55.022	-0.026
55.044	-0.026
55.067	-0.026
55.089	-0.026
55.111	-0.026
55.133	-0.026
55.156	-0.026
55.178	-0.026
55.200	-0.026
55.222	-0.026
55.244	-0.026
55.267	-0.026
55.289	-0.026
55.311	-0.026
55.333	-0.026
55.356	-0.026
55.378	-0.026
55.400	-0.026
55.422	-0.026
55.444	-0.026
55.467	-0.026
55.489	-0.026
55.511	-0.026
55.533	-0.026
55.556	-0.026
55.578	-0.026
55.600	-0.026
55.622	-0.026
55.644	-0.026
55.667	-0.026
55.689	-0.026
55.711	-0.026
55.733	-0.026
55.756	-0.026
55.778	-0.026
55.800	-0.026
55.822	-0.026
55.844	-0.026
55.867	-0.026
55.889	-0.026
55.911	-0.026
55.933	-0.026
55.956	-0.026

55.978	-0.026
56.000	-0.026
56.022	-0.026
56.044	-0.026
56.067	-0.027
56.089	-0.027
56.111	-0.028
56.133	-0.029
56.156	-0.030
56.178	-0.031
56.200	-0.032
56.222	-0.032
56.244	-0.033
56.267	-0.034
56.289	-0.034
56.311	-0.035
56.333	-0.035
56.356	-0.036
56.378	-0.036
56.400	-0.036
56.422	-0.037
56.444	-0.037
56.467	-0.037
56.489	-0.037
56.511	-0.037
56.533	-0.037
56.556	-0.038
56.578	-0.038
56.600	-0.038
56.622	-0.038
56.644	-0.038
56.667	-0.037
56.689	-0.037
56.711	-0.037
56.733	-0.037
56.756	-0.037
56.778	-0.037
56.800	-0.037
56.822	-0.037
56.844	-0.037
56.867	-0.036
56.889	-0.036
56.911	-0.036
56.933	-0.036
56.956	-0.036
56.978	-0.036
57.000	-0.035
57.022	-0.035
57.044	-0.035
57.067	-0.035
57.089	-0.035
57.111	-0.035
57.133	-0.035
57.156	-0.034
57.178	-0.034
57.200	-0.034
57.222	-0.034
57.244	-0.034
57.267	-0.034
57.289	-0.033
57.311	-0.033
57.333	-0.033
57.356	-0.033
57.378	-0.033
57.400	-0.033

57.422	-0.033
57.444	-0.033
57.467	-0.032
57.489	-0.032
57.511	-0.032
57.533	-0.032
57.556	-0.032
57.578	-0.032
57.600	-0.032
57.622	-0.032
57.644	-0.032
57.667	-0.032
57.689	-0.032
57.711	-0.031
57.733	-0.031
57.756	-0.031
57.778	-0.031
57.800	-0.031
57.822	-0.031
57.844	-0.031
57.867	-0.031
57.889	-0.031
57.911	-0.031
57.933	-0.031
57.956	-0.031
57.978	-0.031
58.000	-0.030
58.022	-0.030
58.044	-0.030
58.067	-0.030
58.089	-0.030
58.111	-0.030
58.133	-0.030
58.156	-0.030
58.178	-0.030
58.200	-0.030
58.222	-0.030
58.244	-0.030
58.267	-0.030
58.289	-0.030
58.311	-0.030
58.333	-0.030
58.356	-0.030
58.378	-0.030
58.400	-0.029
58.422	-0.029
58.444	-0.029
58.467	-0.029
58.489	-0.029
58.511	-0.029
58.533	-0.029
58.556	-0.029
58.578	-0.029
58.600	-0.029
58.622	-0.029
58.644	-0.029
58.667	-0.029
58.689	-0.029
58.711	-0.029
58.733	-0.029
58.756	-0.029
58.778	-0.029
58.800	-0.029
58.822	-0.029
58.844	-0.029

58.867	-0.029
58.889	-0.029
58.911	-0.029
58.933	-0.029
58.956	-0.029
58.978	-0.029
59.000	-0.028
59.022	-0.028
59.044	-0.028
59.067	-0.028
59.089	-0.028
59.111	-0.028
59.133	-0.028
59.156	-0.028
59.178	-0.028
59.200	-0.028
59.222	-0.028
59.244	-0.028
59.267	-0.028
59.289	-0.028
59.311	-0.028
59.333	-0.028
59.356	-0.028
59.378	-0.028
59.400	-0.028
59.422	-0.028
59.444	-0.028
59.467	-0.028
59.489	-0.028
59.511	-0.028
59.533	-0.028
59.556	-0.028
59.578	-0.028
59.600	-0.028
59.622	-0.028
59.644	-0.028
59.667	-0.028
59.689	-0.028
59.711	-0.028
59.733	-0.028
59.756	-0.028
59.778	-0.028
59.800	-0.028
59.822	-0.028
59.844	-0.028
59.867	-0.028
59.889	-0.028
59.911	-0.028
59.933	-0.027
59.956	-0.027
59.978	-0.027
60.000	-0.027
60.022	-0.027
60.044	-0.027
60.067	-0.027
60.089	-0.026
60.111	-0.025
60.133	-0.024
60.156	-0.024
60.178	-0.023
60.200	-0.023
60.222	-0.023
60.244	-0.022
60.267	-0.022
60.289	-0.022

60.311	-0.021
60.333	-0.021
60.356	-0.021
60.378	-0.021
60.400	-0.021
60.422	-0.021
60.444	-0.021
60.467	-0.021
60.489	-0.021
60.511	-0.021
60.533	-0.021
60.556	-0.021
60.578	-0.021
60.600	-0.021
60.622	-0.021
60.644	-0.021
60.667	-0.021
60.689	-0.021
60.711	-0.021
60.733	-0.021
60.756	-0.021
60.778	-0.021
60.800	-0.021
60.822	-0.021
60.844	-0.021
60.867	-0.021
60.889	-0.021
60.911	-0.021
60.933	-0.021
60.956	-0.021
60.978	-0.021
61.000	-0.021
61.022	-0.022
61.044	-0.022
61.067	-0.022
61.089	-0.022
61.111	-0.022
61.133	-0.022
61.156	-0.022
61.178	-0.022
61.200	-0.022
61.222	-0.022
61.244	-0.022
61.267	-0.022
61.289	-0.022
61.311	-0.022
61.333	-0.022
61.356	-0.022
61.378	-0.022
61.400	-0.022
61.422	-0.022
61.444	-0.022
61.467	-0.022
61.489	-0.022
61.511	-0.022
61.533	-0.023
61.556	-0.023
61.578	-0.023
61.600	-0.023
61.622	-0.023
61.644	-0.023
61.667	-0.023
61.689	-0.023
61.711	-0.023
61.733	-0.023

61.756	-0.023
61.778	-0.023
61.800	-0.023
61.822	-0.023
61.844	-0.023
61.867	-0.023
61.889	-0.023
61.911	-0.023
61.933	-0.023
61.956	-0.023
61.978	-0.023
62.000	-0.023
62.022	-0.023
62.044	-0.023
62.067	-0.023
62.089	-0.023
62.111	-0.023
62.133	-0.023
62.156	-0.023
62.178	-0.023
62.200	-0.023
62.222	-0.023
62.244	-0.023
62.267	-0.023
62.289	-0.023
62.311	-0.023
62.333	-0.023
62.356	-0.023
62.378	-0.023
62.400	-0.023
62.422	-0.023
62.444	-0.023
62.467	-0.023
62.489	-0.023
62.511	-0.023
62.533	-0.023
62.556	-0.023
62.578	-0.023
62.600	-0.023
62.622	-0.023
62.644	-0.023
62.667	-0.023
62.689	-0.023
62.711	-0.023
62.733	-0.023
62.756	-0.023
62.778	-0.023
62.800	-0.023
62.822	-0.023
62.844	-0.023
62.867	-0.023
62.889	-0.023
62.911	-0.023
62.933	-0.023
62.956	-0.023
62.978	-0.023
63.000	-0.023
63.022	-0.023
63.044	-0.023
63.067	-0.023
63.089	-0.023
63.111	-0.023
63.133	-0.023
63.156	-0.023
63.178	-0.023

63.200	-0.023
63.222	-0.023
63.244	-0.023
63.267	-0.023
63.289	-0.023
63.311	-0.023
63.333	-0.023
63.356	-0.023
63.378	-0.023
63.400	-0.023
63.422	-0.023
63.444	-0.023
63.467	-0.023
63.489	-0.023
63.511	-0.023
63.533	-0.023
63.556	-0.023
63.578	-0.023
63.600	-0.023
63.622	-0.023
63.644	-0.023
63.667	-0.023
63.689	-0.023
63.711	-0.023
63.733	-0.023
63.756	-0.023
63.778	-0.023
63.800	-0.023
63.822	-0.023
63.844	-0.023
63.867	-0.023
63.889	-0.023
63.911	-0.023
63.933	-0.023
63.956	-0.023
63.978	-0.023
64.000	-0.023
64.022	-0.023
64.044	-0.023
64.067	-0.023
64.089	-0.022
64.111	-0.022
64.133	-0.021
64.156	-0.021
64.178	-0.020
64.200	-0.020
64.222	-0.020
64.244	-0.019
64.267	-0.019
64.289	-0.019
64.311	-0.019
64.333	-0.018
64.356	-0.018
64.378	-0.018
64.400	-0.018
64.422	-0.018
64.444	-0.018
64.467	-0.018
64.489	-0.018
64.511	-0.018
64.533	-0.017
64.556	-0.017
64.578	-0.017
64.600	-0.017
64.622	-0.017

64.644	-0.017
64.667	-0.017
64.689	-0.017
64.711	-0.017
64.733	-0.017
64.756	-0.017
64.778	-0.017
64.800	-0.017
64.822	-0.017
64.844	-0.018
64.867	-0.018
64.889	-0.018
64.911	-0.018
64.933	-0.018
64.956	-0.018
64.978	-0.018
65.000	-0.018
65.022	-0.018
65.044	-0.018
65.067	-0.018
65.089	-0.018
65.111	-0.018
65.133	-0.018
65.156	-0.018
65.178	-0.018
65.200	-0.018
65.222	-0.018
65.244	-0.018
65.267	-0.018
65.289	-0.018
65.311	-0.018
65.333	-0.018
65.356	-0.019
65.378	-0.019
65.400	-0.019
65.422	-0.019
65.444	-0.019
65.467	-0.019
65.489	-0.019
65.511	-0.019
65.533	-0.019
65.556	-0.019
65.578	-0.019
65.600	-0.019
65.622	-0.019
65.644	-0.019
65.667	-0.019
65.689	-0.019
65.711	-0.019
65.733	-0.019
65.756	-0.019
65.778	-0.019
65.800	-0.019
65.822	-0.019
65.844	-0.019
65.867	-0.019
65.889	-0.019
65.911	-0.019
65.933	-0.019
65.956	-0.019
65.978	-0.019
66.000	-0.019
66.022	-0.019
66.044	-0.019
66.067	-0.019

66.089	-0.020
66.111	-0.020
66.133	-0.020
66.156	-0.020
66.178	-0.020
66.200	-0.020
66.222	-0.020
66.244	-0.020
66.267	-0.020
66.289	-0.020
66.311	-0.020
66.333	-0.020
66.356	-0.020
66.378	-0.020
66.400	-0.020
66.422	-0.020
66.444	-0.020
66.467	-0.020
66.489	-0.020
66.511	-0.020
66.533	-0.020
66.556	-0.020
66.578	-0.020
66.600	-0.020
66.622	-0.020
66.644	-0.020
66.667	-0.020
66.689	-0.020
66.711	-0.020
66.733	-0.020
66.756	-0.020
66.778	-0.020
66.800	-0.020
66.822	-0.020
66.844	-0.020
66.867	-0.020
66.889	-0.020
66.911	-0.020
66.933	-0.020
66.956	-0.020
66.978	-0.020
67.000	-0.020
67.022	-0.020
67.044	-0.020
67.067	-0.020
67.089	-0.020
67.111	-0.020
67.133	-0.020
67.156	-0.020
67.178	-0.020
67.200	-0.020
67.222	-0.020
67.244	-0.020
67.267	-0.020
67.289	-0.020
67.311	-0.020
67.333	-0.020
67.356	-0.020
67.378	-0.020
67.400	-0.020
67.422	-0.020
67.444	-0.020
67.467	-0.020
67.489	-0.020
67.511	-0.020

67.533	-0.020
67.556	-0.020
67.578	-0.020
67.600	-0.020
67.622	-0.020
67.644	-0.020
67.667	-0.020
67.689	-0.020
67.711	-0.020
67.733	-0.020
67.756	-0.020
67.778	-0.020
67.800	-0.020
67.822	-0.020
67.844	-0.020
67.867	-0.020
67.889	-0.020
67.911	-0.020
67.933	-0.020
67.956	-0.020
67.978	-0.020
68.000	-0.020
68.022	-0.020
68.044	-0.020
68.067	-0.020
68.089	-0.020
68.111	-0.020
68.133	-0.020
68.156	-0.020
68.178	-0.020
68.200	-0.020
68.222	-0.019
68.244	-0.019
68.267	-0.019
68.289	-0.019
68.311	-0.019
68.333	-0.019
68.356	-0.019
68.378	-0.019
68.400	-0.019
68.422	-0.019
68.444	-0.019
68.467	-0.019
68.489	-0.019
68.511	-0.019
68.533	-0.019
68.556	-0.019
68.578	-0.019
68.600	-0.019
68.622	-0.019
68.644	-0.019
68.667	-0.019
68.689	-0.018
68.711	-0.018
68.733	-0.018
68.756	-0.018
68.778	-0.018
68.800	-0.018
68.822	-0.018
68.844	-0.018
68.867	-0.018
68.889	-0.018
68.911	-0.018
68.933	-0.018
68.956	-0.018

68.978	-0.018
69.000	-0.018
69.022	-0.018
69.044	-0.018
69.067	-0.018
69.089	-0.018
69.111	-0.018
69.133	-0.018
69.156	-0.019
69.178	-0.019
69.200	-0.019
69.222	-0.019
69.244	-0.019
69.267	-0.019
69.289	-0.019
69.311	-0.019
69.333	-0.019
69.356	-0.019
69.378	-0.019
69.400	-0.019
69.422	-0.019
69.444	-0.019
69.467	-0.019
69.489	-0.019
69.511	-0.019
69.533	-0.019
69.556	-0.019
69.578	-0.019
69.600	-0.019
69.622	-0.019
69.644	-0.019
69.667	-0.019
69.689	-0.019
69.711	-0.019
69.733	-0.019
69.756	-0.019
69.778	-0.019
69.800	-0.019
69.822	-0.019
69.844	-0.019
69.867	-0.019
69.889	-0.019
69.911	-0.019
69.933	-0.019
69.956	-0.019
69.978	-0.019
70.000	-0.019
70.022	-0.019
70.044	-0.019
70.067	-0.019
70.089	-0.019
70.111	-0.019
70.133	-0.019
70.156	-0.019
70.178	-0.019
70.200	-0.019
70.222	-0.019
70.244	-0.019
70.267	-0.019
70.289	-0.019
70.311	-0.019
70.333	-0.019
70.356	-0.019
70.378	-0.019
70.400	-0.019

70.422	-0.019
70.444	-0.019
70.467	-0.019
70.489	-0.019
70.511	-0.019
70.533	-0.019
70.556	-0.019
70.578	-0.019
70.600	-0.019
70.622	-0.019
70.644	-0.019
70.667	-0.019
70.689	-0.019
70.711	-0.019
70.733	-0.019
70.756	-0.019
70.778	-0.019
70.800	-0.019
70.822	-0.019
70.844	-0.019
70.867	-0.019
70.889	-0.019
70.911	-0.019
70.933	-0.019
70.956	-0.019
70.978	-0.019
71.000	-0.019
71.022	-0.019
71.044	-0.019
71.067	-0.019
71.089	-0.019
71.111	-0.019
71.133	-0.019
71.156	-0.019
71.178	-0.019
71.200	-0.019
71.222	-0.019
71.244	-0.019
71.267	-0.019
71.289	-0.019
71.311	-0.019
71.333	-0.019
71.356	-0.019
71.378	-0.019
71.400	-0.019
71.422	-0.019
71.444	-0.019
71.467	-0.019
71.489	-0.019
71.511	-0.019
71.533	-0.019
71.556	-0.019
71.578	-0.019
71.600	-0.019
71.622	-0.019
71.644	-0.019
71.667	-0.019
71.689	-0.019
71.711	-0.019
71.733	-0.019
71.756	-0.019
71.778	-0.019
71.800	-0.019
71.822	-0.019
71.844	-0.019

71.867	-0.019
71.889	-0.019
71.911	-0.019
71.933	-0.019
71.956	-0.019
71.978	-0.019
72.000	-0.019
72.022	-0.019
72.044	-0.019
72.067	-0.019
72.089	-0.019
72.111	-0.019
72.133	-0.019
72.156	-0.019
72.178	-0.019
72.200	-0.019
72.222	-0.019
72.244	-0.019
72.267	-0.018
72.289	-0.018
72.311	-0.018
72.333	-0.018
72.356	-0.018
72.378	-0.018
72.400	-0.018
72.422	-0.018
72.444	-0.018
72.467	-0.018
72.489	-0.018
72.511	-0.018
72.533	-0.018
72.556	-0.018
72.578	-0.018
72.600	-0.018
72.622	-0.018
72.644	-0.018
72.667	-0.018
72.689	-0.018
72.711	-0.018
72.733	-0.018
72.756	-0.018
72.778	-0.017
72.800	-0.017
72.822	-0.017
72.844	-0.017
72.867	-0.017
72.889	-0.017
72.911	-0.017
120.911	-0.006
192.911	-0.004
312.911	-0.002
408.911	-0.001
432.911	-0.001
456.911	-0.001
552.911	-0.000
672.911	0.000
792.911	0.000

Name: Hyd-3d Node: Node318 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000

0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000

1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
2.422	0.000
2.444	0.000
2.467	0.000
2.489	0.000
2.511	0.000
2.533	0.000
2.556	0.000
2.578	0.000
2.600	0.000
2.622	0.000
2.644	0.000
2.667	0.000
2.689	0.000
2.711	0.000
2.733	0.000
2.756	0.000
2.778	0.000
2.800	0.000
2.822	0.000
2.844	0.000
2.867	0.000
2.889	0.000
2.911	0.000

2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
3.067	0.000
3.089	0.000
3.111	0.000
3.133	0.000
3.156	0.000
3.178	0.000
3.200	0.000
3.222	0.000
3.244	0.000
3.267	0.000
3.289	0.000
3.311	0.000
3.333	0.000
3.356	0.000
3.378	0.000
3.400	0.000
3.422	0.000
3.444	0.000
3.467	0.000
3.489	0.000
3.511	0.000
3.533	0.000
3.556	0.000
3.578	0.000
3.600	0.000
3.622	0.000
3.644	0.000
3.667	0.000
3.689	0.000
3.711	0.000
3.733	0.000
3.756	0.000
3.778	0.000
3.800	0.000
3.822	0.000
3.844	0.000
3.867	0.000
3.889	0.000
3.911	0.000
3.933	0.000
3.956	0.000
3.978	0.000
4.000	0.000
4.022	0.000
4.044	0.000
4.067	0.000
4.089	0.000
4.111	0.000
4.133	0.000
4.156	0.000
4.178	0.000
4.200	0.000
4.222	0.000
4.244	0.000
4.267	0.000
4.289	0.000
4.311	0.000
4.333	0.000
4.356	0.000

4.378	0.000
4.400	0.000
4.422	0.000
4.444	0.000
4.467	0.000
4.489	0.000
4.511	0.000
4.533	0.000
4.556	0.000
4.578	0.000
4.600	0.000
4.622	0.000
4.644	0.000
4.667	0.000
4.689	0.000
4.711	0.000
4.733	-0.000
4.756	-0.000
4.778	-0.000
4.800	-0.000
4.822	-0.000
4.844	-0.000
4.867	-0.000
4.889	-0.000
4.911	-0.000
4.933	-0.000
4.956	-0.000
4.978	-0.001
5.000	-0.001
5.022	-0.001
5.044	-0.001
5.067	-0.001
5.089	-0.001
5.111	-0.001
5.133	-0.001
5.156	-0.001
5.178	-0.001
5.200	-0.002
5.222	-0.002
5.244	-0.002
5.267	-0.002
5.289	-0.002
5.311	-0.002
5.333	-0.002
5.356	-0.002
5.378	-0.002
5.400	-0.003
5.422	-0.003
5.444	-0.003
5.467	-0.003
5.489	-0.003
5.511	-0.003
5.533	-0.003
5.556	-0.003
5.578	-0.003
5.600	-0.004
5.622	-0.004
5.644	-0.004
5.667	-0.004
5.689	-0.004
5.711	-0.004
5.733	-0.004
5.756	-0.004
5.778	-0.004
5.800	-0.004

5.822	-0.005
5.844	-0.005
5.867	-0.005
5.889	-0.005
5.911	-0.005
5.933	-0.005
5.956	-0.005
5.978	-0.005
6.000	-0.005
6.022	-0.005
6.044	-0.006
6.067	-0.006
6.089	-0.006
6.111	-0.006
6.133	-0.006
6.156	-0.006
6.178	-0.006
6.200	-0.006
6.222	-0.006
6.244	-0.006
6.267	-0.006
6.289	-0.007
6.311	-0.007
6.333	-0.007
6.356	-0.007
6.378	-0.007
6.400	-0.007
6.422	-0.007
6.444	-0.007
6.467	-0.007
6.489	-0.007
6.511	-0.007
6.533	-0.007
6.556	-0.008
6.578	-0.008
6.600	-0.008
6.622	-0.008
6.644	-0.008
6.667	-0.008
6.689	-0.008
6.711	-0.008
6.733	-0.008
6.756	-0.008
6.778	-0.008
6.800	-0.008
6.822	-0.009
6.844	-0.009
6.867	-0.009
6.889	-0.009
6.911	-0.009
6.933	-0.009
6.956	-0.009
6.978	-0.009
7.000	-0.009
7.022	-0.009
7.044	-0.009
7.067	-0.009
7.089	-0.009
7.111	-0.009
7.133	-0.010
7.156	-0.010
7.178	-0.010
7.200	-0.010
7.222	-0.010
7.244	-0.010

7.267	-0.010
7.289	-0.010
7.311	-0.010
7.333	-0.010
7.356	-0.010
7.378	-0.010
7.400	-0.010
7.422	-0.010
7.444	-0.010
7.467	-0.011
7.489	-0.011
7.511	-0.011
7.533	-0.011
7.556	-0.011
7.578	-0.011
7.600	-0.011
7.622	-0.011
7.644	-0.011
7.667	-0.011
7.689	-0.011
7.711	-0.011
7.733	-0.011
7.756	-0.011
7.778	-0.011
7.800	-0.011
7.822	-0.012
7.844	-0.012
7.867	-0.012
7.889	-0.012
7.911	-0.012
7.933	-0.012
7.956	-0.012
7.978	-0.012
8.000	-0.012
8.022	-0.013
8.044	-0.014
8.067	-0.015
8.089	-0.017
8.111	-0.019
8.133	-0.019
8.156	-0.019
8.178	-0.019
8.200	-0.020
8.222	-0.020
8.244	-0.020
8.267	-0.021
8.289	-0.021
8.311	-0.022
8.333	-0.022
8.356	-0.023
8.378	-0.023
8.400	-0.024
8.422	-0.024
8.444	-0.024
8.467	-0.025
8.489	-0.025
8.511	-0.026
8.533	-0.026
8.556	-0.027
8.578	-0.027
8.600	-0.028
8.622	-0.028
8.644	-0.029
8.667	-0.029
8.689	-0.029

8.711	-0.030
8.733	-0.030
8.756	-0.031
8.778	-0.031
8.800	-0.031
8.822	-0.032
8.844	-0.032
8.867	-0.033
8.889	-0.033
8.911	-0.033
8.933	-0.034
8.956	-0.034
8.978	-0.034
9.000	-0.035
9.022	-0.035
9.044	-0.035
9.067	-0.036
9.089	-0.036
9.111	-0.036
9.133	-0.037
9.156	-0.037
9.178	-0.037
9.200	-0.038
9.222	-0.038
9.244	-0.038
9.267	-0.039
9.289	-0.039
9.311	-0.039
9.333	-0.040
9.356	-0.040
9.378	-0.040
9.400	-0.040
9.422	-0.041
9.444	-0.041
9.467	-0.041
9.489	-0.041
9.511	-0.042
9.533	-0.042
9.556	-0.042
9.578	-0.043
9.600	-0.043
9.622	-0.043
9.644	-0.043
9.667	-0.044
9.689	-0.044
9.711	-0.044
9.733	-0.044
9.756	-0.045
9.778	-0.045
9.800	-0.045
9.822	-0.045
9.844	-0.046
9.867	-0.046
9.889	-0.046
9.911	-0.046
9.933	-0.047
9.956	-0.047
9.978	-0.047
10.000	-0.047
10.022	-0.047
10.044	-0.048
10.067	-0.048
10.089	-0.048
10.111	-0.048
10.133	-0.049

10.156	-0.049
10.178	-0.049
10.200	-0.049
10.222	-0.049
10.244	-0.050
10.267	-0.050
10.289	-0.050
10.311	-0.050
10.333	-0.050
10.356	-0.051
10.378	-0.051
10.400	-0.051
10.422	-0.051
10.444	-0.051
10.467	-0.052
10.489	-0.052
10.511	-0.052
10.533	-0.052
10.556	-0.052
10.578	-0.053
10.600	-0.053
10.622	-0.053
10.644	-0.053
10.667	-0.053
10.689	-0.053
10.711	-0.054
10.733	-0.054
10.756	-0.054
10.778	-0.054
10.800	-0.054
10.822	-0.054
10.844	-0.055
10.867	-0.055
10.889	-0.055
10.911	-0.055
10.933	-0.055
10.956	-0.055
10.978	-0.056
11.000	-0.056
11.022	-0.056
11.044	-0.056
11.067	-0.056
11.089	-0.056
11.111	-0.057
11.133	-0.057
11.156	-0.057
11.178	-0.057
11.200	-0.057
11.222	-0.057
11.244	-0.058
11.267	-0.058
11.289	-0.058
11.311	-0.058
11.333	-0.058
11.356	-0.058
11.378	-0.058
11.400	-0.059
11.422	-0.059
11.444	-0.059
11.467	-0.059
11.489	-0.059
11.511	-0.059
11.533	-0.059
11.556	-0.060
11.578	-0.060

11.600	-0.060
11.622	-0.060
11.644	-0.060
11.667	-0.060
11.689	-0.060
11.711	-0.060
11.733	-0.061
11.756	-0.061
11.778	-0.061
11.800	-0.053
11.822	-0.041
11.844	-0.037
11.867	-0.037
11.889	-0.037
11.911	-0.037
11.933	-0.037
11.956	-0.037
11.978	-0.037
12.000	-0.037
12.022	-0.037
12.044	-0.037
12.067	-0.036
12.089	-0.036
12.111	-0.036
12.133	-0.036
12.156	-0.036
12.178	-0.035
12.200	-0.035
12.222	-0.035
12.244	-0.035
12.267	-0.034
12.289	-0.034
12.311	-0.034
12.333	-0.034
12.356	-0.033
12.378	-0.033
12.400	-0.033
12.422	-0.033
12.444	-0.032
12.467	-0.032
12.489	-0.032
12.511	-0.031
12.533	-0.031
12.556	-0.031
12.578	-0.031
12.600	-0.030
12.622	-0.030
12.644	-0.030
12.667	-0.029
12.689	-0.029
12.711	-0.029
12.733	-0.029
12.756	-0.028
12.778	-0.028
12.800	-0.028
12.822	-0.028
12.844	-0.027
12.867	-0.027
12.889	-0.027
12.911	-0.027
12.933	-0.026
12.956	-0.026
12.978	-0.026
13.000	-0.026
13.022	-0.026

13.044	-0.025
13.067	-0.025
13.089	-0.025
13.111	-0.025
13.133	-0.025
13.156	-0.024
13.178	-0.024
13.200	-0.024
13.222	-0.024
13.244	-0.024
13.267	-0.024
13.289	-0.023
13.311	-0.023
13.333	-0.023
13.356	-0.023
13.378	-0.023
13.400	-0.023
13.422	-0.023
13.444	-0.023
13.467	-0.022
13.489	-0.022
13.511	-0.022
13.533	-0.022
13.556	-0.022
13.578	-0.022
13.600	-0.022
13.622	-0.022
13.644	-0.022
13.667	-0.021
13.689	-0.021
13.711	-0.021
13.733	-0.021
13.756	-0.021
13.778	-0.021
13.800	-0.021
13.822	-0.021
13.844	-0.021
13.867	-0.021
13.889	-0.021
13.911	-0.020
13.933	-0.020
13.956	-0.020
13.978	-0.020
14.000	-0.020
14.022	-0.020
14.044	-0.020
14.067	-0.020
14.089	-0.020
14.111	-0.020
14.133	-0.020
14.156	-0.020
14.178	-0.020
14.200	-0.020
14.222	-0.020
14.244	-0.020
14.267	-0.019
14.289	-0.019
14.311	-0.019
14.333	-0.019
14.356	-0.019
14.378	-0.019
14.400	-0.019
14.422	-0.019
14.444	-0.019
14.467	-0.019

14.489	-0.019
14.511	-0.019
14.533	-0.019
14.556	-0.019
14.578	-0.019
14.600	-0.019
14.622	-0.019
14.644	-0.019
14.667	-0.019
14.689	-0.019
14.711	-0.019
14.733	-0.019
14.756	-0.019
14.778	-0.019
14.800	-0.019
14.822	-0.019
14.844	-0.018
14.867	-0.018
14.889	-0.018
14.911	-0.018
14.933	-0.018
14.956	-0.018
14.978	-0.018
15.000	-0.018
15.022	-0.018
15.044	-0.018
15.067	-0.018
15.089	-0.018
15.111	-0.018
15.133	-0.018
15.156	-0.018
15.178	-0.018
15.200	-0.018
15.222	-0.018
15.244	-0.018
15.267	-0.018
15.289	-0.018
15.311	-0.018
15.333	-0.018
15.356	-0.018
15.378	-0.018
15.400	-0.018
15.422	-0.018
15.444	-0.018
15.467	-0.018
15.489	-0.018
15.511	-0.018
15.533	-0.018
15.556	-0.018
15.578	-0.018
15.600	-0.018
15.622	-0.018
15.644	-0.018
15.667	-0.018
15.689	-0.018
15.711	-0.018
15.733	-0.018
15.756	-0.018
15.778	-0.018
15.800	-0.018
15.822	-0.018
15.844	-0.018
15.867	-0.018
15.889	-0.018
15.911	-0.017

15.933	-0.017
15.956	-0.017
15.978	-0.017
16.000	-0.017
16.022	-0.017
16.044	-0.017
16.067	-0.017
16.089	-0.017
16.111	-0.017
16.133	-0.017
16.156	-0.017
16.178	-0.017
16.200	-0.017
16.222	-0.017
16.244	-0.017
16.267	-0.017
16.289	-0.017
16.311	-0.017
16.333	-0.017
16.356	-0.017
16.378	-0.017
16.400	-0.016
16.422	-0.016
16.444	-0.016
16.467	-0.016
16.489	-0.016
16.511	-0.016
16.533	-0.016
16.556	-0.016
16.578	-0.016
16.600	-0.016
16.622	-0.016
16.644	-0.016
16.667	-0.016
16.689	-0.016
16.711	-0.015
16.733	-0.015
16.756	-0.015
16.778	-0.015
16.800	-0.015
16.822	-0.015
16.844	-0.015
16.867	-0.015
16.889	-0.015
16.911	-0.015
16.933	-0.015
16.956	-0.015
16.978	-0.015
17.000	-0.015
17.022	-0.015
17.044	-0.015
17.067	-0.015
17.089	-0.015
17.111	-0.015
17.133	-0.015
17.156	-0.014
17.178	-0.014
17.200	-0.014
17.222	-0.014
17.244	-0.014
17.267	-0.014
17.289	-0.014
17.311	-0.014
17.333	-0.014
17.356	-0.014

17.378	-0.014
17.400	-0.014
17.422	-0.014
17.444	-0.014
17.467	-0.014
17.489	-0.014
17.511	-0.014
17.533	-0.014
17.556	-0.014
17.578	-0.014
17.600	-0.014
17.622	-0.014
17.644	-0.014
17.667	-0.014
17.689	-0.014
17.711	-0.014
17.733	-0.014
17.756	-0.014
17.778	-0.014
17.800	-0.013
17.822	-0.013
17.844	-0.013
17.867	-0.013
17.889	-0.013
17.911	-0.013
17.933	-0.013
17.956	-0.013
17.978	-0.013
18.000	-0.013
18.022	-0.013
18.044	-0.013
18.067	-0.013
18.089	-0.013
18.111	-0.013
18.133	-0.013
18.156	-0.013
18.178	-0.013
18.200	-0.013
18.222	-0.013
18.244	-0.013
18.267	-0.013
18.289	-0.013
18.311	-0.013
18.333	-0.013
18.356	-0.013
18.378	-0.013
18.400	-0.013
18.422	-0.013
18.444	-0.013
18.467	-0.013
18.489	-0.013
18.511	-0.013
18.533	-0.013
18.556	-0.013
18.578	-0.013
18.600	-0.013
18.622	-0.013
18.644	-0.013
18.667	-0.013
18.689	-0.013
18.711	-0.013
18.733	-0.013
18.756	-0.013
18.778	-0.012
18.800	-0.012

18.822	-0.012
18.844	-0.012
18.867	-0.012
18.889	-0.012
18.911	-0.012
18.933	-0.012
18.956	-0.012
18.978	-0.012
19.000	-0.012
19.022	-0.012
19.044	-0.012
19.067	-0.012
19.089	-0.012
19.111	-0.012
19.133	-0.012
19.156	-0.012
19.178	-0.012
19.200	-0.012
19.222	-0.012
19.244	-0.012
19.267	-0.012
19.289	-0.012
19.311	-0.012
19.333	-0.012
19.356	-0.012
19.378	-0.012
19.400	-0.012
19.422	-0.012
19.444	-0.012
19.467	-0.012
19.489	-0.012
19.511	-0.012
19.533	-0.012
19.556	-0.012
19.578	-0.012
19.600	-0.012
19.622	-0.012
19.644	-0.012
19.667	-0.012
19.689	-0.012
19.711	-0.012
19.733	-0.012
19.756	-0.012
19.778	-0.012
19.800	-0.012
19.822	-0.012
19.844	-0.012
19.867	-0.012
19.889	-0.012
19.911	-0.012
19.933	-0.012
19.956	-0.012
19.978	-0.012
20.000	-0.012
20.022	-0.012
20.044	-0.012
20.067	-0.012
20.089	-0.012
20.111	-0.012
20.133	-0.012
20.156	-0.012
20.178	-0.012
20.200	-0.011
20.222	-0.011
20.244	-0.011

20.267	-0.011
20.289	-0.011
20.311	-0.011
20.333	-0.011
20.356	-0.011
20.378	-0.011
20.400	-0.011
20.422	-0.011
20.444	-0.011
20.467	-0.011
20.489	-0.011
20.511	-0.011
20.533	-0.011
20.556	-0.011
20.578	-0.011
20.600	-0.011
20.622	-0.011
20.644	-0.011
20.667	-0.011
20.689	-0.011
20.711	-0.011
20.733	-0.011
20.756	-0.011
20.778	-0.011
20.800	-0.011
20.822	-0.011
20.844	-0.011
20.867	-0.011
20.889	-0.011
20.911	-0.011
20.933	-0.011
20.956	-0.011
20.978	-0.011
21.000	-0.011
21.022	-0.011
21.044	-0.011
21.067	-0.010
21.089	-0.010
21.111	-0.010
21.133	-0.010
21.156	-0.010
21.178	-0.010
21.200	-0.010
21.222	-0.010
21.244	-0.010
21.267	-0.010
21.289	-0.010
21.311	-0.010
21.333	-0.010
21.356	-0.010
21.378	-0.010
21.400	-0.010
21.422	-0.010
21.444	-0.010
21.467	-0.010
21.489	-0.010
21.511	-0.010
21.533	-0.010
21.556	-0.010
21.578	-0.010
21.600	-0.010
21.622	-0.010
21.644	-0.010
21.667	-0.010
21.689	-0.010

21.711	-0.010
21.733	-0.010
21.756	-0.010
21.778	-0.010
21.800	-0.010
21.822	-0.010
21.844	-0.010
21.867	-0.010
21.889	-0.010
21.911	-0.010
21.933	-0.010
21.956	-0.010
21.978	-0.010
22.000	-0.010
22.022	-0.010
22.044	-0.010
22.067	-0.010
22.089	-0.010
22.111	-0.010
22.133	-0.010
22.156	-0.010
22.178	-0.010
22.200	-0.010
22.222	-0.010
22.244	-0.010
22.267	-0.010
22.289	-0.010
22.311	-0.010
22.333	-0.010
22.356	-0.010
22.378	-0.010
22.400	-0.010
22.422	-0.010
22.444	-0.010
22.467	-0.009
22.489	-0.009
22.511	-0.009
22.533	-0.009
22.556	-0.009
22.578	-0.009
22.600	-0.009
22.622	-0.009
22.644	-0.009
22.667	-0.009
22.689	-0.009
22.711	-0.009
22.733	-0.009
22.756	-0.009
22.778	-0.009
22.800	-0.009
22.822	-0.009
22.844	-0.009
22.867	-0.009
22.889	-0.009
22.911	-0.009
22.933	-0.009
22.956	-0.009
22.978	-0.009
23.000	-0.009
23.022	-0.009
23.044	-0.009
23.067	-0.009
23.089	-0.009
23.111	-0.009
23.133	-0.009

23.156	-0.009
23.178	-0.009
23.200	-0.009
23.222	-0.009
23.244	-0.009
23.267	-0.009
23.289	-0.009
23.311	-0.009
23.333	-0.009
23.356	-0.009
23.378	-0.009
23.400	-0.009
23.422	-0.009
23.444	-0.009
23.467	-0.009
23.489	-0.009
23.511	-0.009
23.533	-0.009
23.556	-0.009
23.578	-0.009
23.600	-0.009
23.622	-0.009
23.644	-0.009
23.667	-0.009
23.689	-0.009
23.711	-0.009
23.733	-0.009
23.756	-0.009
23.778	-0.009
23.800	-0.009
23.822	-0.009
23.844	-0.009
23.867	-0.009
23.889	-0.009
23.911	-0.009
23.933	-0.009
23.956	-0.009
23.978	-0.009
24.000	-0.009
24.022	-0.009
24.044	-0.009
24.067	-0.009
24.089	-0.009
24.111	-0.009
24.133	-0.009
24.156	-0.009
24.178	-0.009
24.200	-0.009
24.222	-0.009
24.244	-0.009
24.267	-0.009
24.289	-0.009
24.311	-0.009
24.333	-0.009
24.356	-0.009
24.378	-0.009
24.400	-0.009
24.422	-0.009
24.444	-0.009
24.467	-0.009
24.489	-0.009
24.511	-0.009
24.533	-0.009
24.556	-0.009
24.578	-0.009

24.600	-0.009
24.622	-0.009
24.644	-0.009
24.667	-0.009
24.689	-0.009
24.711	-0.009
24.733	-0.009
24.756	-0.009
24.778	-0.009
24.800	-0.009
24.822	-0.009
24.844	-0.009
24.867	-0.009
24.889	-0.009
24.911	-0.009
24.933	-0.009
24.956	-0.009
24.978	-0.009
25.000	-0.009
25.022	-0.009
25.044	-0.009
25.067	-0.009
25.089	-0.009
25.111	-0.009
25.133	-0.009
25.156	-0.009
25.178	-0.009
25.200	-0.009
25.222	-0.009
25.244	-0.009
25.267	-0.009
25.289	-0.009
25.311	-0.009
25.333	-0.009
25.356	-0.009
25.378	-0.009
25.400	-0.009
25.422	-0.009
25.444	-0.009
25.467	-0.009
25.489	-0.009
25.511	-0.009
25.533	-0.009
25.556	-0.009
25.578	-0.009
25.600	-0.009
25.622	-0.009
25.644	-0.009
25.667	-0.009
25.689	-0.009
25.711	-0.009
25.733	-0.009
25.756	-0.009
25.778	-0.009
25.800	-0.009
25.822	-0.009
25.844	-0.009
25.867	-0.009
25.889	-0.009
25.911	-0.009
25.933	-0.009
25.956	-0.009
25.978	-0.009
26.000	-0.009
26.022	-0.009

26.044	-0.009
26.067	-0.009
26.089	-0.009
26.111	-0.009
26.133	-0.009
26.156	-0.009
26.178	-0.009
26.200	-0.009
26.222	-0.009
26.244	-0.009
26.267	-0.009
26.289	-0.009
26.311	-0.009
26.333	-0.009
26.356	-0.009
26.378	-0.009
26.400	-0.009
26.422	-0.009
26.444	-0.009
26.467	-0.009
26.489	-0.009
26.511	-0.009
26.533	-0.009
26.556	-0.009
26.578	-0.009
26.600	-0.009
26.622	-0.009
26.644	-0.009
26.667	-0.009
26.689	-0.009
26.711	-0.009
26.733	-0.009
26.756	-0.009
26.778	-0.009
26.800	-0.009
26.822	-0.009
26.844	-0.009
26.867	-0.009
26.889	-0.009
26.911	-0.009
26.933	-0.009
26.956	-0.009
26.978	-0.009
27.000	-0.009
27.022	-0.009
27.044	-0.009
27.067	-0.009
27.089	-0.009
27.111	-0.009
27.133	-0.009
27.156	-0.009
27.178	-0.009
27.200	-0.009
27.222	-0.009
27.244	-0.009
27.267	-0.009
27.289	-0.009
27.311	-0.009
27.333	-0.009
27.356	-0.009
27.378	-0.009
27.400	-0.009
27.422	-0.009
27.444	-0.009
27.467	-0.009

27.489	-0.009
27.511	-0.009
27.533	-0.009
27.556	-0.009
27.578	-0.009
27.600	-0.009
27.622	-0.009
27.644	-0.009
27.667	-0.009
27.689	-0.009
27.711	-0.009
27.733	-0.009
27.756	-0.009
27.778	-0.009
27.800	-0.009
27.822	-0.009
27.844	-0.009
27.867	-0.009
27.889	-0.009
27.911	-0.009
27.933	-0.009
27.956	-0.009
27.978	-0.009
28.000	-0.009
28.022	-0.009
28.044	-0.009
28.067	-0.009
28.089	-0.009
28.111	-0.009
28.133	-0.009
28.156	-0.009
28.178	-0.009
28.200	-0.009
28.222	-0.009
28.244	-0.009
28.267	-0.009
28.289	-0.009
28.311	-0.009
28.333	-0.009
28.356	-0.009
28.378	-0.009
28.400	-0.009
28.422	-0.009
28.444	-0.009
28.467	-0.009
28.489	-0.009
28.511	-0.009
28.533	-0.009
28.556	-0.009
28.578	-0.009
28.600	-0.009
28.622	-0.009
28.644	-0.009
28.667	-0.009
28.689	-0.009
28.711	-0.009
28.733	-0.009
28.756	-0.009
28.778	-0.009
28.800	-0.009
28.822	-0.009
28.844	-0.009
28.867	-0.009
28.889	-0.009
28.911	-0.009

28.933	-0.009
28.956	-0.009
28.978	-0.009
29.000	-0.010
29.022	-0.010
29.044	-0.010
29.067	-0.010
29.089	-0.010
29.111	-0.010
29.133	-0.010
29.156	-0.010
29.178	-0.010
29.200	-0.010
29.222	-0.010
29.244	-0.010
29.267	-0.010
29.289	-0.010
29.311	-0.010
29.333	-0.010
29.356	-0.010
29.378	-0.010
29.400	-0.010
29.422	-0.010
29.444	-0.010
29.467	-0.010
29.489	-0.010
29.511	-0.010
29.533	-0.010
29.556	-0.010
29.578	-0.010
29.600	-0.010
29.622	-0.010
29.644	-0.010
29.667	-0.010
29.689	-0.010
29.711	-0.010
29.733	-0.010
29.756	-0.010
29.778	-0.010
29.800	-0.010
29.822	-0.010
29.844	-0.010
29.867	-0.010
29.889	-0.010
29.911	-0.010
29.933	-0.010
29.956	-0.010
29.978	-0.010
30.000	-0.010
30.022	-0.010
30.044	-0.010
30.067	-0.010
30.089	-0.010
30.111	-0.010
30.133	-0.010
30.156	-0.010
30.178	-0.010
30.200	-0.010
30.222	-0.010
30.244	-0.010
30.267	-0.010
30.289	-0.010
30.311	-0.010
30.333	-0.010
30.356	-0.010

30.378	-0.010
30.400	-0.010
30.422	-0.010
30.444	-0.010
30.467	-0.010
30.489	-0.010
30.511	-0.010
30.533	-0.010
30.556	-0.010
30.578	-0.010
30.600	-0.010
30.622	-0.010
30.644	-0.010
30.667	-0.010
30.689	-0.010
30.711	-0.010
30.733	-0.010
30.756	-0.010
30.778	-0.010
30.800	-0.010
30.822	-0.010
30.844	-0.010
30.867	-0.010
30.889	-0.010
30.911	-0.010
30.933	-0.010
30.956	-0.010
30.978	-0.010
31.000	-0.010
31.022	-0.010
31.044	-0.010
31.067	-0.010
31.089	-0.010
31.111	-0.010
31.133	-0.010
31.156	-0.010
31.178	-0.010
31.200	-0.010
31.222	-0.010
31.244	-0.010
31.267	-0.010
31.289	-0.010
31.311	-0.010
31.333	-0.010
31.356	-0.010
31.378	-0.010
31.400	-0.010
31.422	-0.010
31.444	-0.010
31.467	-0.010
31.489	-0.010
31.511	-0.010
31.533	-0.010
31.556	-0.010
31.578	-0.010
31.600	-0.010
31.622	-0.010
31.644	-0.010
31.667	-0.010
31.689	-0.010
31.711	-0.010
31.733	-0.010
31.756	-0.010
31.778	-0.010
31.800	-0.010

31.822	-0.010
31.844	-0.010
31.867	-0.010
31.889	-0.010
31.911	-0.010
31.933	-0.010
31.956	-0.010
31.978	-0.010
32.000	-0.010
32.022	-0.010
32.044	-0.010
32.067	-0.010
32.089	-0.011
32.111	-0.011
32.133	-0.011
32.156	-0.011
32.178	-0.011
32.200	-0.011
32.222	-0.011
32.244	-0.011
32.267	-0.011
32.289	-0.011
32.311	-0.012
32.333	-0.012
32.356	-0.012
32.378	-0.012
32.400	-0.012
32.422	-0.012
32.444	-0.012
32.467	-0.013
32.489	-0.013
32.511	-0.013
32.533	-0.013
32.556	-0.013
32.578	-0.013
32.600	-0.013
32.622	-0.013
32.644	-0.014
32.667	-0.014
32.689	-0.014
32.711	-0.014
32.733	-0.014
32.756	-0.014
32.778	-0.014
32.800	-0.014
32.822	-0.014
32.844	-0.014
32.867	-0.014
32.889	-0.015
32.911	-0.015
32.933	-0.015
32.956	-0.015
32.978	-0.015
33.000	-0.015
33.022	-0.015
33.044	-0.015
33.067	-0.015
33.089	-0.015
33.111	-0.015
33.133	-0.015
33.156	-0.015
33.178	-0.016
33.200	-0.016
33.222	-0.016
33.244	-0.016

33.267	-0.016
33.289	-0.016
33.311	-0.016
33.333	-0.016
33.356	-0.016
33.378	-0.016
33.400	-0.016
33.422	-0.016
33.444	-0.016
33.467	-0.016
33.489	-0.016
33.511	-0.016
33.533	-0.016
33.556	-0.017
33.578	-0.017
33.600	-0.017
33.622	-0.017
33.644	-0.017
33.667	-0.017
33.689	-0.017
33.711	-0.017
33.733	-0.017
33.756	-0.017
33.778	-0.017
33.800	-0.017
33.822	-0.017
33.844	-0.017
33.867	-0.018
33.889	-0.019
33.911	-0.019
33.933	-0.019
33.956	-0.020
33.978	-0.020
34.000	-0.020
34.022	-0.019
34.044	-0.019
34.067	-0.019
34.089	-0.019
34.111	-0.019
34.133	-0.019
34.156	-0.018
34.178	-0.018
34.200	-0.018
34.222	-0.018
34.244	-0.018
34.267	-0.017
34.289	-0.017
34.311	-0.017
34.333	-0.017
34.356	-0.017
34.378	-0.017
34.400	-0.016
34.422	-0.016
34.444	-0.016
34.467	-0.016
34.489	-0.016
34.511	-0.016
34.533	-0.016
34.556	-0.016
34.578	-0.015
34.600	-0.015
34.622	-0.015
34.644	-0.015
34.667	-0.015
34.689	-0.015

34.711	-0.015
34.733	-0.015
34.756	-0.015
34.778	-0.015
34.800	-0.015
34.822	-0.015
34.844	-0.015
34.867	-0.014
34.889	-0.014
34.911	-0.014
34.933	-0.014
34.956	-0.014
34.978	-0.014
35.000	-0.014
35.022	-0.014
35.044	-0.014
35.067	-0.014
35.089	-0.014
35.111	-0.014
35.133	-0.014
35.156	-0.014
35.178	-0.014
35.200	-0.014
35.222	-0.014
35.244	-0.014
35.267	-0.014
35.289	-0.014
35.311	-0.013
35.333	-0.013
35.356	-0.013
35.378	-0.013
35.400	-0.013
35.422	-0.013
35.444	-0.013
35.467	-0.013
35.489	-0.013
35.511	-0.013
35.533	-0.013
35.556	-0.013
35.578	-0.013
35.600	-0.013
35.622	-0.013
35.644	-0.013
35.667	-0.013
35.689	-0.013
35.711	-0.013
35.733	-0.013
35.756	-0.013
35.778	-0.013
35.800	-0.013
35.822	-0.013
35.844	-0.013
35.867	-0.013
35.889	-0.013
35.911	-0.013
35.933	-0.013
35.956	-0.013
35.978	-0.013
36.000	-0.013
36.022	-0.013
36.044	-0.012
36.067	-0.012
36.089	-0.012
36.111	-0.012
36.133	-0.012

36.156	-0.011
36.178	-0.011
36.200	-0.011
36.222	-0.011
36.244	-0.011
36.267	-0.011
36.289	-0.011
36.311	-0.011
36.333	-0.011
36.356	-0.011
36.378	-0.011
36.400	-0.011
36.422	-0.011
36.444	-0.011
36.467	-0.011
36.489	-0.011
36.511	-0.011
36.533	-0.011
36.556	-0.011
36.578	-0.011
36.600	-0.011
36.622	-0.011
36.644	-0.011
36.667	-0.011
36.689	-0.011
36.711	-0.011
36.733	-0.011
36.756	-0.011
36.778	-0.011
36.800	-0.011
36.822	-0.011
36.844	-0.011
36.867	-0.011
36.889	-0.011
36.911	-0.011
36.933	-0.011
36.956	-0.011
36.978	-0.011
37.000	-0.011
37.022	-0.011
37.044	-0.011
37.067	-0.011
37.089	-0.011
37.111	-0.011
37.133	-0.011
37.156	-0.011
37.178	-0.011
37.200	-0.011
37.222	-0.011
37.244	-0.011
37.267	-0.011
37.289	-0.011
37.311	-0.011
37.333	-0.011
37.356	-0.011
37.378	-0.011
37.400	-0.011
37.422	-0.011
37.444	-0.011
37.467	-0.011
37.489	-0.011
37.511	-0.011
37.533	-0.011
37.556	-0.011
37.578	-0.011

37.600	-0.011
37.622	-0.011
37.644	-0.011
37.667	-0.011
37.689	-0.011
37.711	-0.011
37.733	-0.011
37.756	-0.011
37.778	-0.011
37.800	-0.011
37.822	-0.011
37.844	-0.011
37.867	-0.011
37.889	-0.011
37.911	-0.011
37.933	-0.011
37.956	-0.011
37.978	-0.011
38.000	-0.011
38.022	-0.011
38.044	-0.011
38.067	-0.011
38.089	-0.011
38.111	-0.011
38.133	-0.011
38.156	-0.011
38.178	-0.011
38.200	-0.011
38.222	-0.011
38.244	-0.011
38.267	-0.011
38.289	-0.011
38.311	-0.011
38.333	-0.011
38.356	-0.011
38.378	-0.011
38.400	-0.011
38.422	-0.011
38.444	-0.011
38.467	-0.011
38.489	-0.011
38.511	-0.011
38.533	-0.011
38.556	-0.011
38.578	-0.011
38.600	-0.011
38.622	-0.011
38.644	-0.011
38.667	-0.011
38.689	-0.011
38.711	-0.011
38.733	-0.011
38.756	-0.011
38.778	-0.011
38.800	-0.010
38.822	-0.010
38.844	-0.010
38.867	-0.010
38.889	-0.010
38.911	-0.010
38.933	-0.010
38.956	-0.010
38.978	-0.010
39.000	-0.010
39.022	-0.010

39.044	-0.010
39.067	-0.010
39.089	-0.010
39.111	-0.010
39.133	-0.010
39.156	-0.010
39.178	-0.010
39.200	-0.010
39.222	-0.010
39.244	-0.010
39.267	-0.010
39.289	-0.010
39.311	-0.010
39.333	-0.010
39.356	-0.010
39.378	-0.010
39.400	-0.010
39.422	-0.010
39.444	-0.010
39.467	-0.010
39.489	-0.010
39.511	-0.010
39.533	-0.010
39.556	-0.010
39.578	-0.010
39.600	-0.010
39.622	-0.010
39.644	-0.010
39.667	-0.010
39.689	-0.010
39.711	-0.010
39.733	-0.010
39.756	-0.010
39.778	-0.010
39.800	-0.010
39.822	-0.010
39.844	-0.010
39.867	-0.010
39.889	-0.010
39.911	-0.010
39.933	-0.010
39.956	-0.010
39.978	-0.010
40.000	-0.010
40.022	-0.010
40.044	-0.010
40.067	-0.010
40.089	-0.010
40.111	-0.010
40.133	-0.009
40.156	-0.009
40.178	-0.009
40.200	-0.009
40.222	-0.009
40.244	-0.009
40.267	-0.009
40.289	-0.009
40.311	-0.009
40.333	-0.009
40.356	-0.009
40.378	-0.009
40.400	-0.009
40.422	-0.009
40.444	-0.009
40.467	-0.009

40.489	-0.009
40.511	-0.009
40.533	-0.009
40.556	-0.009
40.578	-0.009
40.600	-0.009
40.622	-0.009
40.644	-0.009
40.667	-0.009
40.689	-0.009
40.711	-0.009
40.733	-0.009
40.756	-0.009
40.778	-0.009
40.800	-0.009
40.822	-0.009
40.844	-0.009
40.867	-0.009
40.889	-0.009
40.911	-0.009
40.933	-0.009
40.956	-0.009
40.978	-0.009
41.000	-0.009
41.022	-0.009
41.044	-0.009
41.067	-0.009
41.089	-0.009
41.111	-0.009
41.133	-0.009
41.156	-0.009
41.178	-0.009
41.200	-0.009
41.222	-0.009
41.244	-0.009
41.267	-0.009
41.289	-0.009
41.311	-0.009
41.333	-0.009
41.356	-0.009
41.378	-0.009
41.400	-0.009
41.422	-0.009
41.444	-0.009
41.467	-0.009
41.489	-0.009
41.511	-0.009
41.533	-0.009
41.556	-0.009
41.578	-0.009
41.600	-0.009
41.622	-0.009
41.644	-0.009
41.667	-0.009
41.689	-0.009
41.711	-0.009
41.733	-0.009
41.756	-0.009
41.778	-0.009
41.800	-0.009
41.822	-0.009
41.844	-0.009
41.867	-0.009
41.889	-0.009
41.911	-0.009

41.933	-0.009
41.956	-0.009
41.978	-0.009
42.000	-0.009
42.022	-0.009
42.044	-0.009
42.067	-0.009
42.089	-0.009
42.111	-0.009
42.133	-0.009
42.156	-0.009
42.178	-0.009
42.200	-0.009
42.222	-0.009
42.244	-0.009
42.267	-0.009
42.289	-0.009
42.311	-0.009
42.333	-0.009
42.356	-0.009
42.378	-0.009
42.400	-0.009
42.422	-0.009
42.444	-0.009
42.467	-0.009
42.489	-0.009
42.511	-0.009
42.533	-0.009
42.556	-0.009
42.578	-0.009
42.600	-0.009
42.622	-0.009
42.644	-0.009
42.667	-0.009
42.689	-0.009
42.711	-0.009
42.733	-0.009
42.756	-0.009
42.778	-0.009
42.800	-0.009
42.822	-0.009
42.844	-0.009
42.867	-0.009
42.889	-0.009
42.911	-0.009
42.933	-0.009
42.956	-0.009
42.978	-0.009
43.000	-0.009
43.022	-0.009
43.044	-0.009
43.067	-0.009
43.089	-0.009
43.111	-0.009
43.133	-0.009
43.156	-0.009
43.178	-0.009
43.200	-0.009
43.222	-0.009
43.244	-0.009
43.267	-0.009
43.289	-0.009
43.311	-0.009
43.333	-0.009
43.356	-0.009

43.378	-0.009
43.400	-0.009
43.422	-0.009
43.444	-0.009
43.467	-0.009
43.489	-0.009
43.511	-0.009
43.533	-0.009
43.556	-0.009
43.578	-0.009
43.600	-0.009
43.622	-0.009
43.644	-0.009
43.667	-0.009
43.689	-0.009
43.711	-0.009
43.733	-0.009
43.756	-0.009
43.778	-0.009
43.800	-0.009
43.822	-0.009
43.844	-0.009
43.867	-0.009
43.889	-0.009
43.911	-0.009
43.933	-0.009
43.956	-0.009
43.978	-0.009
44.000	-0.009
44.022	-0.009
44.044	-0.009
44.067	-0.009
44.089	-0.009
44.111	-0.009
44.133	-0.009
44.156	-0.009
44.178	-0.009
44.200	-0.009
44.222	-0.009
44.244	-0.009
44.267	-0.009
44.289	-0.009
44.311	-0.009
44.333	-0.009
44.356	-0.008
44.378	-0.008
44.400	-0.008
44.422	-0.008
44.444	-0.008
44.467	-0.008
44.489	-0.008
44.511	-0.008
44.533	-0.008
44.556	-0.008
44.578	-0.008
44.600	-0.008
44.622	-0.008
44.644	-0.008
44.667	-0.008
44.689	-0.008
44.711	-0.008
44.733	-0.008
44.756	-0.008
44.778	-0.008
44.800	-0.008

44.822	-0.008
44.844	-0.008
44.867	-0.008
44.889	-0.008
44.911	-0.008
44.933	-0.008
44.956	-0.008
44.978	-0.008
45.000	-0.008
45.022	-0.008
45.044	-0.008
45.067	-0.008
45.089	-0.008
45.111	-0.008
45.133	-0.008
45.156	-0.008
45.178	-0.008
45.200	-0.008
45.222	-0.008
45.244	-0.008
45.267	-0.008
45.289	-0.008
45.311	-0.008
45.333	-0.008
45.356	-0.008
45.378	-0.008
45.400	-0.008
45.422	-0.008
45.444	-0.008
45.467	-0.008
45.489	-0.008
45.511	-0.008
45.533	-0.008
45.556	-0.008
45.578	-0.008
45.600	-0.008
45.622	-0.008
45.644	-0.008
45.667	-0.008
45.689	-0.008
45.711	-0.008
45.733	-0.008
45.756	-0.008
45.778	-0.008
45.800	-0.008
45.822	-0.008
45.844	-0.008
45.867	-0.008
45.889	-0.008
45.911	-0.008
45.933	-0.008
45.956	-0.008
45.978	-0.008
46.000	-0.008
46.022	-0.008
46.044	-0.008
46.067	-0.008
46.089	-0.008
46.111	-0.008
46.133	-0.008
46.156	-0.008
46.178	-0.008
46.200	-0.008
46.222	-0.008
46.244	-0.008

46.267	-0.008
46.289	-0.008
46.311	-0.008
46.333	-0.008
46.356	-0.008
46.378	-0.008
46.400	-0.008
46.422	-0.008
46.444	-0.008
46.467	-0.008
46.489	-0.008
46.511	-0.008
46.533	-0.008
46.556	-0.008
46.578	-0.008
46.600	-0.008
46.622	-0.008
46.644	-0.008
46.667	-0.008
46.689	-0.008
46.711	-0.008
46.733	-0.008
46.756	-0.008
46.778	-0.008
46.800	-0.008
46.822	-0.008
46.844	-0.008
46.867	-0.008
46.889	-0.008
46.911	-0.008
46.933	-0.008
46.956	-0.008
46.978	-0.008
47.000	-0.008
47.022	-0.008
47.044	-0.008
47.067	-0.008
47.089	-0.008
47.111	-0.008
47.133	-0.008
47.156	-0.008
47.178	-0.008
47.200	-0.008
47.222	-0.008
47.244	-0.008
47.267	-0.008
47.289	-0.008
47.311	-0.008
47.333	-0.008
47.356	-0.008
47.378	-0.008
47.400	-0.008
47.422	-0.008
47.444	-0.008
47.467	-0.008
47.489	-0.008
47.511	-0.008
47.533	-0.008
47.556	-0.008
47.578	-0.008
47.600	-0.008
47.622	-0.008
47.644	-0.008
47.667	-0.008
47.689	-0.008

47.711	-0.008
47.733	-0.008
47.756	-0.008
47.778	-0.008
47.800	-0.008
47.822	-0.008
47.844	-0.008
47.867	-0.008
47.889	-0.008
47.911	-0.008
47.933	-0.008
47.956	-0.008
47.978	-0.008
48.000	-0.008
48.022	-0.008
48.044	-0.008
48.067	-0.008
48.089	-0.008
48.111	-0.008
48.133	-0.008
48.156	-0.008
48.178	-0.008
48.200	-0.008
48.222	-0.008
48.244	-0.008
48.267	-0.008
48.289	-0.008
48.311	-0.008
48.333	-0.008
48.356	-0.008
48.378	-0.008
48.400	-0.008
48.422	-0.008
48.444	-0.008
48.467	-0.008
48.489	-0.008
48.511	-0.008
48.533	-0.008
48.556	-0.008
48.578	-0.008
48.600	-0.008
48.622	-0.008
48.644	-0.008
48.667	-0.008
48.689	-0.008
48.711	-0.008
48.733	-0.008
48.756	-0.008
48.778	-0.008
48.800	-0.008
48.822	-0.008
48.844	-0.008
48.867	-0.008
48.889	-0.008
48.911	-0.008
48.933	-0.008
48.956	-0.008
48.978	-0.008
49.000	-0.008
49.022	-0.008
49.044	-0.008
49.067	-0.008
49.089	-0.008
49.111	-0.008
49.133	-0.008

49.156	-0.008
49.178	-0.008
49.200	-0.008
49.222	-0.008
49.244	-0.008
49.267	-0.008
49.289	-0.008
49.311	-0.008
49.333	-0.008
49.356	-0.008
49.378	-0.008
49.400	-0.008
49.422	-0.008
49.444	-0.008
49.467	-0.008
49.489	-0.008
49.511	-0.008
49.533	-0.008
49.556	-0.008
49.578	-0.008
49.600	-0.008
49.622	-0.008
49.644	-0.008
49.667	-0.008
49.689	-0.008
49.711	-0.008
49.733	-0.008
49.756	-0.008
49.778	-0.008
49.800	-0.008
49.822	-0.008
49.844	-0.008
49.867	-0.008
49.889	-0.008
49.911	-0.008
49.933	-0.008
49.956	-0.008
49.978	-0.008
50.000	-0.008
50.022	-0.008
50.044	-0.008
50.067	-0.008
50.089	-0.008
50.111	-0.008
50.133	-0.008
50.156	-0.008
50.178	-0.008
50.200	-0.008
50.222	-0.008
50.244	-0.008
50.267	-0.008
50.289	-0.008
50.311	-0.008
50.333	-0.008
50.356	-0.008
50.378	-0.008
50.400	-0.008
50.422	-0.008
50.444	-0.008
50.467	-0.008
50.489	-0.008
50.511	-0.008
50.533	-0.008
50.556	-0.008
50.578	-0.008

50.600	-0.008
50.622	-0.008
50.644	-0.008
50.667	-0.008
50.689	-0.008
50.711	-0.008
50.733	-0.008
50.756	-0.008
50.778	-0.008
50.800	-0.008
50.822	-0.008
50.844	-0.008
50.867	-0.008
50.889	-0.008
50.911	-0.008
50.933	-0.008
50.956	-0.008
50.978	-0.008
51.000	-0.008
51.022	-0.008
51.044	-0.008
51.067	-0.008
51.089	-0.008
51.111	-0.008
51.133	-0.008
51.156	-0.008
51.178	-0.008
51.200	-0.008
51.222	-0.008
51.244	-0.008
51.267	-0.008
51.289	-0.008
51.311	-0.008
51.333	-0.008
51.356	-0.008
51.378	-0.008
51.400	-0.008
51.422	-0.008
51.444	-0.008
51.467	-0.008
51.489	-0.008
51.511	-0.008
51.533	-0.008
51.556	-0.008
51.578	-0.008
51.600	-0.008
51.622	-0.008
51.644	-0.008
51.667	-0.008
51.689	-0.008
51.711	-0.008
51.733	-0.008
51.756	-0.008
51.778	-0.008
51.800	-0.008
51.822	-0.008
51.844	-0.008
51.867	-0.008
51.889	-0.008
51.911	-0.008
51.933	-0.008
51.956	-0.008
51.978	-0.008
52.000	-0.008
52.022	-0.008

52.044	-0.008
52.067	-0.008
52.089	-0.008
52.111	-0.008
52.133	-0.008
52.156	-0.008
52.178	-0.008
52.200	-0.008
52.222	-0.008
52.244	-0.008
52.267	-0.008
52.289	-0.008
52.311	-0.008
52.333	-0.008
52.356	-0.008
52.378	-0.008
52.400	-0.008
52.422	-0.008
52.444	-0.008
52.467	-0.008
52.489	-0.008
52.511	-0.008
52.533	-0.008
52.556	-0.008
52.578	-0.008
52.600	-0.008
52.622	-0.008
52.644	-0.008
52.667	-0.008
52.689	-0.008
52.711	-0.008
52.733	-0.008
52.756	-0.008
52.778	-0.008
52.800	-0.008
52.822	-0.008
52.844	-0.008
52.867	-0.008
52.889	-0.008
52.911	-0.008
52.933	-0.008
52.956	-0.008
52.978	-0.008
53.000	-0.008
53.022	-0.008
53.044	-0.008
53.067	-0.008
53.089	-0.008
53.111	-0.008
53.133	-0.008
53.156	-0.008
53.178	-0.008
53.200	-0.008
53.222	-0.008
53.244	-0.008
53.267	-0.008
53.289	-0.008
53.311	-0.008
53.333	-0.008
53.356	-0.008
53.378	-0.008
53.400	-0.008
53.422	-0.008
53.444	-0.008
53.467	-0.008

53.489	-0.008
53.511	-0.008
53.533	-0.008
53.556	-0.008
53.578	-0.008
53.600	-0.008
53.622	-0.008
53.644	-0.008
53.667	-0.008
53.689	-0.008
53.711	-0.008
53.733	-0.008
53.756	-0.008
53.778	-0.008
53.800	-0.008
53.822	-0.008
53.844	-0.008
53.867	-0.008
53.889	-0.008
53.911	-0.008
53.933	-0.008
53.956	-0.008
53.978	-0.008
54.000	-0.008
54.022	-0.008
54.044	-0.008
54.067	-0.008
54.089	-0.008
54.111	-0.008
54.133	-0.008
54.156	-0.008
54.178	-0.008
54.200	-0.008
54.222	-0.008
54.244	-0.008
54.267	-0.008
54.289	-0.008
54.311	-0.008
54.333	-0.008
54.356	-0.008
54.378	-0.008
54.400	-0.008
54.422	-0.008
54.444	-0.008
54.467	-0.008
54.489	-0.008
54.511	-0.008
54.533	-0.008
54.556	-0.008
54.578	-0.008
54.600	-0.008
54.622	-0.008
54.644	-0.008
54.667	-0.008
54.689	-0.008
54.711	-0.008
54.733	-0.008
54.756	-0.008
54.778	-0.008
54.800	-0.008
54.822	-0.008
54.844	-0.008
54.867	-0.008
54.889	-0.008
54.911	-0.008

54.933	-0.008
54.956	-0.008
54.978	-0.008
55.000	-0.008
55.022	-0.008
55.044	-0.008
55.067	-0.008
55.089	-0.008
55.111	-0.008
55.133	-0.008
55.156	-0.008
55.178	-0.007
55.200	-0.007
55.222	-0.007
55.244	-0.007
55.267	-0.007
55.289	-0.007
55.311	-0.007
55.333	-0.007
55.356	-0.007
55.378	-0.007
55.400	-0.007
55.422	-0.007
55.444	-0.007
55.467	-0.007
55.489	-0.007
55.511	-0.007
55.533	-0.007
55.556	-0.007
55.578	-0.007
55.600	-0.007
55.622	-0.007
55.644	-0.007
55.667	-0.007
55.689	-0.007
55.711	-0.007
55.733	-0.007
55.756	-0.007
55.778	-0.007
55.800	-0.007
55.822	-0.007
55.844	-0.007
55.867	-0.007
55.889	-0.007
55.911	-0.007
55.933	-0.007
55.956	-0.007
55.978	-0.007
56.000	-0.007
56.022	-0.007
56.044	-0.008
56.067	-0.008
56.089	-0.008
56.111	-0.009
56.133	-0.009
56.156	-0.010
56.178	-0.010
56.200	-0.010
56.222	-0.010
56.244	-0.011
56.267	-0.011
56.289	-0.011
56.311	-0.011
56.333	-0.011
56.356	-0.011

56.378	-0.011
56.400	-0.011
56.422	-0.010
56.444	-0.010
56.467	-0.010
56.489	-0.010
56.511	-0.010
56.533	-0.010
56.556	-0.010
56.578	-0.010
56.600	-0.010
56.622	-0.010
56.644	-0.010
56.667	-0.009
56.689	-0.009
56.711	-0.009
56.733	-0.009
56.756	-0.009
56.778	-0.009
56.800	-0.009
56.822	-0.009
56.844	-0.009
56.867	-0.009
56.889	-0.009
56.911	-0.009
56.933	-0.009
56.956	-0.009
56.978	-0.009
57.000	-0.008
57.022	-0.008
57.044	-0.008
57.067	-0.008
57.089	-0.008
57.111	-0.008
57.133	-0.008
57.156	-0.008
57.178	-0.008
57.200	-0.008
57.222	-0.008
57.244	-0.008
57.267	-0.008
57.289	-0.008
57.311	-0.008
57.333	-0.008
57.356	-0.008
57.378	-0.008
57.400	-0.008
57.422	-0.008
57.444	-0.008
57.467	-0.008
57.489	-0.008
57.511	-0.008
57.533	-0.008
57.556	-0.008
57.578	-0.008
57.600	-0.008
57.622	-0.008
57.644	-0.008
57.667	-0.008
57.689	-0.008
57.711	-0.008
57.733	-0.008
57.756	-0.008
57.778	-0.008
57.800	-0.008

57.822	-0.008
57.844	-0.008
57.867	-0.008
57.889	-0.008
57.911	-0.008
57.933	-0.008
57.956	-0.008
57.978	-0.008
58.000	-0.008
58.022	-0.008
58.044	-0.008
58.067	-0.008
58.089	-0.008
58.111	-0.008
58.133	-0.008
58.156	-0.008
58.178	-0.008
58.200	-0.008
58.222	-0.008
58.244	-0.008
58.267	-0.008
58.289	-0.008
58.311	-0.008
58.333	-0.008
58.356	-0.008
58.378	-0.008
58.400	-0.008
58.422	-0.008
58.444	-0.008
58.467	-0.008
58.489	-0.008
58.511	-0.008
58.533	-0.008
58.556	-0.008
58.578	-0.008
58.600	-0.008
58.622	-0.008
58.644	-0.008
58.667	-0.008
58.689	-0.008
58.711	-0.008
58.733	-0.008
58.756	-0.008
58.778	-0.008
58.800	-0.008
58.822	-0.008
58.844	-0.008
58.867	-0.008
58.889	-0.008
58.911	-0.008
58.933	-0.008
58.956	-0.008
58.978	-0.008
59.000	-0.008
59.022	-0.008
59.044	-0.008
59.067	-0.008
59.089	-0.008
59.111	-0.008
59.133	-0.008
59.156	-0.008
59.178	-0.008
59.200	-0.008
59.222	-0.008
59.244	-0.008

59.267	-0.008
59.289	-0.008
59.311	-0.008
59.333	-0.008
59.356	-0.008
59.378	-0.008
59.400	-0.008
59.422	-0.008
59.444	-0.008
59.467	-0.008
59.489	-0.008
59.511	-0.008
59.533	-0.008
59.556	-0.008
59.578	-0.007
59.600	-0.007
59.622	-0.007
59.644	-0.007
59.667	-0.007
59.689	-0.007
59.711	-0.007
59.733	-0.007
59.756	-0.007
59.778	-0.007
59.800	-0.007
59.822	-0.007
59.844	-0.007
59.867	-0.007
59.889	-0.007
59.911	-0.007
59.933	-0.007
59.956	-0.007
59.978	-0.007
60.000	-0.007
60.022	-0.007
60.044	-0.007
60.067	-0.007
60.089	-0.007
60.111	-0.006
60.133	-0.006
60.156	-0.006
60.178	-0.006
60.200	-0.006
60.222	-0.005
60.244	-0.005
60.267	-0.005
60.289	-0.006
60.311	-0.006
60.333	-0.006
60.356	-0.006
60.378	-0.006
60.400	-0.006
60.422	-0.006
60.444	-0.006
60.467	-0.006
60.489	-0.006
60.511	-0.006
60.533	-0.006
60.556	-0.006
60.578	-0.006
60.600	-0.006
60.622	-0.006
60.644	-0.006
60.667	-0.006
60.689	-0.006

60.711	-0.006
60.733	-0.006
60.756	-0.006
60.778	-0.006
60.800	-0.007
60.822	-0.007
60.844	-0.007
60.867	-0.007
60.889	-0.007
60.911	-0.007
60.933	-0.007
60.956	-0.007
60.978	-0.007
61.000	-0.007
61.022	-0.007
61.044	-0.007
61.067	-0.007
61.089	-0.007
61.111	-0.007
61.133	-0.007
61.156	-0.007
61.178	-0.007
61.200	-0.007
61.222	-0.007
61.244	-0.007
61.267	-0.007
61.289	-0.007
61.311	-0.007
61.333	-0.007
61.356	-0.007
61.378	-0.007
61.400	-0.007
61.422	-0.007
61.444	-0.007
61.467	-0.007
61.489	-0.007
61.511	-0.007
61.533	-0.007
61.556	-0.007
61.578	-0.007
61.600	-0.007
61.622	-0.007
61.644	-0.007
61.667	-0.007
61.689	-0.007
61.711	-0.007
61.733	-0.007
61.756	-0.007
61.778	-0.007
61.800	-0.007
61.822	-0.007
61.844	-0.007
61.867	-0.007
61.889	-0.007
61.911	-0.007
61.933	-0.007
61.956	-0.007
61.978	-0.007
62.000	-0.007
62.022	-0.007
62.044	-0.007
62.067	-0.007
62.089	-0.007
62.111	-0.007
62.133	-0.007

62.156	-0.007
62.178	-0.007
62.200	-0.007
62.222	-0.007
62.244	-0.007
62.267	-0.007
62.289	-0.007
62.311	-0.007
62.333	-0.007
62.356	-0.007
62.378	-0.007
62.400	-0.007
62.422	-0.007
62.444	-0.007
62.467	-0.007
62.489	-0.007
62.511	-0.007
62.533	-0.007
62.556	-0.007
62.578	-0.007
62.600	-0.007
62.622	-0.007
62.644	-0.007
62.667	-0.007
62.689	-0.007
62.711	-0.007
62.733	-0.007
62.756	-0.007
62.778	-0.007
62.800	-0.007
62.822	-0.007
62.844	-0.007
62.867	-0.007
62.889	-0.007
62.911	-0.007
62.933	-0.007
62.956	-0.007
62.978	-0.007
63.000	-0.007
63.022	-0.007
63.044	-0.007
63.067	-0.007
63.089	-0.007
63.111	-0.007
63.133	-0.007
63.156	-0.007
63.178	-0.007
63.200	-0.007
63.222	-0.007
63.244	-0.007
63.267	-0.007
63.289	-0.007
63.311	-0.007
63.333	-0.007
63.356	-0.007
63.378	-0.007
63.400	-0.007
63.422	-0.007
63.444	-0.007
63.467	-0.007
63.489	-0.007
63.511	-0.007
63.533	-0.007
63.556	-0.007
63.578	-0.007

63.600	-0.007
63.622	-0.007
63.644	-0.007
63.667	-0.007
63.689	-0.007
63.711	-0.007
63.733	-0.007
63.756	-0.007
63.778	-0.007
63.800	-0.007
63.822	-0.007
63.844	-0.007
63.867	-0.007
63.889	-0.007
63.911	-0.007
63.933	-0.007
63.956	-0.007
63.978	-0.007
64.000	-0.007
64.022	-0.007
64.044	-0.007
64.067	-0.006
64.089	-0.006
64.111	-0.006
64.133	-0.006
64.156	-0.006
64.178	-0.005
64.200	-0.005
64.222	-0.005
64.244	-0.005
64.267	-0.005
64.289	-0.005
64.311	-0.005
64.333	-0.005
64.356	-0.005
64.378	-0.005
64.400	-0.005
64.422	-0.005
64.444	-0.005
64.467	-0.005
64.489	-0.005
64.511	-0.005
64.533	-0.005
64.556	-0.006
64.578	-0.006
64.600	-0.006
64.622	-0.006
64.644	-0.006
64.667	-0.006
64.689	-0.006
64.711	-0.006
64.733	-0.006
64.756	-0.006
64.778	-0.006
64.800	-0.006
64.822	-0.006
64.844	-0.006
64.867	-0.006
64.889	-0.006
64.911	-0.006
64.933	-0.006
64.956	-0.006
64.978	-0.006
65.000	-0.006
65.022	-0.006

65.044	-0.006
65.067	-0.006
65.089	-0.006
65.111	-0.006
65.133	-0.006
65.156	-0.006
65.178	-0.006
65.200	-0.006
65.222	-0.006
65.244	-0.006
65.267	-0.006
65.289	-0.006
65.311	-0.006
65.333	-0.006
65.356	-0.006
65.378	-0.006
65.400	-0.006
65.422	-0.006
65.444	-0.006
65.467	-0.006
65.489	-0.006
65.511	-0.006
65.533	-0.006
65.556	-0.006
65.578	-0.006
65.600	-0.006
65.622	-0.006
65.644	-0.006
65.667	-0.006
65.689	-0.006
65.711	-0.006
65.733	-0.006
65.756	-0.006
65.778	-0.006
65.800	-0.006
65.822	-0.006
65.844	-0.006
65.867	-0.006
65.889	-0.006
65.911	-0.006
65.933	-0.006
65.956	-0.006
65.978	-0.006
66.000	-0.006
66.022	-0.006
66.044	-0.006
66.067	-0.006
66.089	-0.006
66.111	-0.006
66.133	-0.006
66.156	-0.006
66.178	-0.006
66.200	-0.006
66.222	-0.006
66.244	-0.006
66.267	-0.006
66.289	-0.006
66.311	-0.006
66.333	-0.006
66.356	-0.006
66.378	-0.006
66.400	-0.006
66.422	-0.006
66.444	-0.006
66.467	-0.006

66.489	-0.006
66.511	-0.006
66.533	-0.006
66.556	-0.006
66.578	-0.006
66.600	-0.006
66.622	-0.006
66.644	-0.006
66.667	-0.006
66.689	-0.006
66.711	-0.006
66.733	-0.006
66.756	-0.006
66.778	-0.006
66.800	-0.006
66.822	-0.006
66.844	-0.006
66.867	-0.006
66.889	-0.006
66.911	-0.006
66.933	-0.006
66.956	-0.006
66.978	-0.006
67.000	-0.006
67.022	-0.006
67.044	-0.006
67.067	-0.006
67.089	-0.006
67.111	-0.006
67.133	-0.006
67.156	-0.006
67.178	-0.006
67.200	-0.006
67.222	-0.006
67.244	-0.006
67.267	-0.006
67.289	-0.006
67.311	-0.006
67.333	-0.006
67.356	-0.006
67.378	-0.006
67.400	-0.006
67.422	-0.006
67.444	-0.006
67.467	-0.006
67.489	-0.006
67.511	-0.006
67.533	-0.006
67.556	-0.006
67.578	-0.006
67.600	-0.006
67.622	-0.006
67.644	-0.006
67.667	-0.006
67.689	-0.006
67.711	-0.006
67.733	-0.006
67.756	-0.006
67.778	-0.006
67.800	-0.006
67.822	-0.006
67.844	-0.006
67.867	-0.006
67.889	-0.006
67.911	-0.006

67.933	-0.006
67.956	-0.006
67.978	-0.006
68.000	-0.006
68.022	-0.006
68.044	-0.006
68.067	-0.006
68.089	-0.006
68.111	-0.006
68.133	-0.006
68.156	-0.006
68.178	-0.006
68.200	-0.006
68.222	-0.006
68.244	-0.006
68.267	-0.006
68.289	-0.006
68.311	-0.006
68.333	-0.006
68.356	-0.006
68.378	-0.006
68.400	-0.006
68.422	-0.006
68.444	-0.006
68.467	-0.006
68.489	-0.006
68.511	-0.006
68.533	-0.006
68.556	-0.006
68.578	-0.006
68.600	-0.006
68.622	-0.006
68.644	-0.006
68.667	-0.006
68.689	-0.006
68.711	-0.006
68.733	-0.006
68.756	-0.006
68.778	-0.006
68.800	-0.006
68.822	-0.006
68.844	-0.006
68.867	-0.006
68.889	-0.006
68.911	-0.006
68.933	-0.006
68.956	-0.006
68.978	-0.006
69.000	-0.006
69.022	-0.006
69.044	-0.006
69.067	-0.006
69.089	-0.006
69.111	-0.006
69.133	-0.006
69.156	-0.006
69.178	-0.006
69.200	-0.006
69.222	-0.006
69.244	-0.006
69.267	-0.006
69.289	-0.006
69.311	-0.006
69.333	-0.006
69.356	-0.006

69.378	-0.006
69.400	-0.006
69.422	-0.006
69.444	-0.006
69.467	-0.006
69.489	-0.006
69.511	-0.006
69.533	-0.006
69.556	-0.006
69.578	-0.006
69.600	-0.006
69.622	-0.006
69.644	-0.006
69.667	-0.006
69.689	-0.006
69.711	-0.006
69.733	-0.006
69.756	-0.006
69.778	-0.006
69.800	-0.006
69.822	-0.006
69.844	-0.006
69.867	-0.006
69.889	-0.006
69.911	-0.006
69.933	-0.006
69.956	-0.006
69.978	-0.006
70.000	-0.006
70.022	-0.006
70.044	-0.006
70.067	-0.006
70.089	-0.006
70.111	-0.006
70.133	-0.006
70.156	-0.006
70.178	-0.006
70.200	-0.006
70.222	-0.006
70.244	-0.006
70.267	-0.006
70.289	-0.006
70.311	-0.006
70.333	-0.006
70.356	-0.006
70.378	-0.006
70.400	-0.006
70.422	-0.006
70.444	-0.006
70.467	-0.006
70.489	-0.006
70.511	-0.006
70.533	-0.006
70.556	-0.006
70.578	-0.006
70.600	-0.006
70.622	-0.006
70.644	-0.006
70.667	-0.006
70.689	-0.006
70.711	-0.006
70.733	-0.006
70.756	-0.006
70.778	-0.006
70.800	-0.006

70.822	-0.006
70.844	-0.006
70.867	-0.006
70.889	-0.006
70.911	-0.006
70.933	-0.006
70.956	-0.006
70.978	-0.006
71.000	-0.006
71.022	-0.006
71.044	-0.006
71.067	-0.006
71.089	-0.006
71.111	-0.006
71.133	-0.006
71.156	-0.006
71.178	-0.006
71.200	-0.006
71.222	-0.006
71.244	-0.006
71.267	-0.006
71.289	-0.006
71.311	-0.006
71.333	-0.006
71.356	-0.006
71.378	-0.006
71.400	-0.006
71.422	-0.006
71.444	-0.006
71.467	-0.006
71.489	-0.006
71.511	-0.006
71.533	-0.006
71.556	-0.006
71.578	-0.006
71.600	-0.006
71.622	-0.006
71.644	-0.006
71.667	-0.006
71.689	-0.006
71.711	-0.006
71.733	-0.006
71.756	-0.006
71.778	-0.006
71.800	-0.006
71.822	-0.006
71.844	-0.006
71.867	-0.006
71.889	-0.006
71.911	-0.006
71.933	-0.006
71.956	-0.006
71.978	-0.006
72.000	-0.006
72.022	-0.006
72.044	-0.006
72.067	-0.006
72.089	-0.006
72.111	-0.006
72.133	-0.006
72.156	-0.006
72.178	-0.006
72.200	-0.006
72.222	-0.006
72.244	-0.006

72.267	-0.006
72.289	-0.006
72.311	-0.006
72.333	-0.006
72.356	-0.006
72.378	-0.006
72.400	-0.006
72.422	-0.006
72.444	-0.006
72.467	-0.006
72.489	-0.006
72.511	-0.006
72.533	-0.006
72.556	-0.006
72.578	-0.006
72.600	-0.006
72.622	-0.006
72.644	-0.006
72.667	-0.006
72.689	-0.006
72.711	-0.006
72.733	-0.006
72.756	-0.006
72.778	-0.006
72.800	-0.006
72.822	-0.006
72.844	-0.006
72.867	-0.006
72.889	-0.006
72.911	-0.006
192.911	-0.001
312.911	-0.001
408.911	-0.000
432.911	-0.000
552.911	-0.000
672.911	0.000
792.911	0.000

Name: Hyd-7d Node: Node312 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000

0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000

1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
2.422	0.000
2.444	0.000
2.467	0.000
2.489	0.000
2.511	0.000
2.533	0.000
2.556	0.000
2.578	0.000
2.600	0.000
2.622	0.000
2.644	0.000
2.667	0.000
2.689	0.000
2.711	0.000
2.733	0.000
2.756	0.000
2.778	0.000
2.800	0.000
2.822	0.000
2.844	0.000
2.867	0.000
2.889	0.000
2.911	0.000
2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
3.067	0.000
3.089	0.000
3.111	0.000
3.133	0.000
3.156	0.000
3.178	0.000
3.200	0.000
3.222	0.000
3.244	0.000
3.267	0.000
3.289	0.000
3.311	0.000
3.333	0.000
3.356	0.000

3.378	0.000
3.400	0.000
3.422	0.000
3.444	0.000
3.467	0.000
3.489	0.000
3.511	0.000
3.533	0.000
3.556	0.000
3.578	0.000
3.600	0.000
3.622	0.000
3.644	0.000
3.667	0.000
3.689	0.000
3.711	0.000
3.733	0.000
3.756	0.000
3.778	0.000
3.800	0.000
3.822	0.000
3.844	0.000
3.867	0.000
3.889	0.000
3.911	0.000
3.933	0.000
3.956	0.000
3.978	0.000
4.000	0.000
4.022	0.000
4.044	0.000
4.067	0.000
4.089	0.000
4.111	0.000
4.133	0.000
4.156	0.000
4.178	0.000
4.200	-0.000
4.222	-0.000
4.244	-0.000
4.267	-0.000
4.289	-0.000
4.311	-0.000
4.333	-0.000
4.356	-0.000
4.378	-0.000
4.400	-0.000
4.422	-0.000
4.444	-0.000
4.467	-0.000
4.489	-0.000
4.511	-0.000
4.533	-0.000
4.556	-0.001
4.578	-0.001
4.600	-0.001
4.622	-0.001
4.644	-0.001
4.667	-0.001
4.689	-0.001
4.711	-0.001
4.733	-0.001
4.756	-0.001
4.778	-0.001
4.800	-0.001

4.822	-0.001
4.844	-0.001
4.867	-0.001
4.889	-0.001
4.911	-0.001
4.933	-0.001
4.956	-0.001
4.978	-0.001
5.000	-0.002
5.022	-0.002
5.044	-0.002
5.067	-0.002
5.089	-0.002
5.111	-0.002
5.133	-0.002
5.156	-0.002
5.178	-0.002
5.200	-0.002
5.222	-0.002
5.244	-0.002
5.267	-0.002
5.289	-0.002
5.311	-0.002
5.333	-0.002
5.356	-0.002
5.378	-0.002
5.400	-0.002
5.422	-0.002
5.444	-0.003
5.467	-0.003
5.489	-0.003
5.511	-0.003
5.533	-0.003
5.556	-0.003
5.578	-0.003
5.600	-0.003
5.622	-0.003
5.644	-0.003
5.667	-0.003
5.689	-0.003
5.711	-0.003
5.733	-0.003
5.756	-0.003
5.778	-0.003
5.800	-0.003
5.822	-0.003
5.844	-0.003
5.867	-0.003
5.889	-0.003
5.911	-0.004
5.933	-0.004
5.956	-0.004
5.978	-0.004
6.000	-0.004
6.022	-0.004
6.044	-0.004
6.067	-0.004
6.089	-0.004
6.111	-0.004
6.133	-0.004
6.156	-0.004
6.178	-0.004
6.200	-0.004
6.222	-0.004
6.244	-0.004

6.267	-0.004
6.289	-0.004
6.311	-0.004
6.333	-0.004
6.356	-0.004
6.378	-0.004
6.400	-0.004
6.422	-0.005
6.444	-0.005
6.467	-0.005
6.489	-0.005
6.511	-0.005
6.533	-0.005
6.556	-0.005
6.578	-0.005
6.600	-0.005
6.622	-0.005
6.644	-0.005
6.667	-0.005
6.689	-0.005
6.711	-0.005
6.733	-0.005
6.756	-0.005
6.778	-0.005
6.800	-0.005
6.822	-0.005
6.844	-0.005
6.867	-0.005
6.889	-0.005
6.911	-0.005
6.933	-0.005
6.956	-0.006
6.978	-0.006
7.000	-0.006
7.022	-0.006
7.044	-0.006
7.067	-0.006
7.089	-0.006
7.111	-0.006
7.133	-0.006
7.156	-0.006
7.178	-0.006
7.200	-0.006
7.222	-0.006
7.244	-0.006
7.267	-0.006
7.289	-0.006
7.311	-0.006
7.333	-0.006
7.356	-0.006
7.378	-0.006
7.400	-0.006
7.422	-0.006
7.444	-0.006
7.467	-0.006
7.489	-0.006
7.511	-0.006
7.533	-0.006
7.556	-0.007
7.578	-0.007
7.600	-0.007
7.622	-0.007
7.644	-0.007
7.667	-0.007
7.689	-0.007

7.711	-0.007
7.733	-0.007
7.756	-0.007
7.778	-0.007
7.800	-0.007
7.822	-0.007
7.844	-0.007
7.867	-0.007
7.889	-0.007
7.911	-0.007
7.933	-0.007
7.956	-0.007
7.978	-0.007
8.000	-0.007
8.022	-0.007
8.044	-0.007
8.067	-0.007
8.089	-0.007
8.111	-0.007
8.133	-0.007
8.156	-0.007
8.178	-0.007
8.200	-0.007
8.222	-0.007
8.244	-0.007
8.267	-0.007
8.289	-0.007
8.311	-0.007
8.333	-0.008
8.356	-0.008
8.378	-0.008
8.400	-0.008
8.422	-0.008
8.444	-0.008
8.467	-0.008
8.489	-0.008
8.511	-0.008
8.533	-0.008
8.556	-0.008
8.578	-0.008
8.600	-0.008
8.622	-0.008
8.644	-0.008
8.667	-0.008
8.689	-0.008
8.711	-0.008
8.733	-0.008
8.756	-0.008
8.778	-0.008
8.800	-0.008
8.822	-0.008
8.844	-0.008
8.867	-0.008
8.889	-0.008
8.911	-0.008
8.933	-0.008
8.956	-0.008
8.978	-0.008
9.000	-0.008
9.022	-0.008
9.044	-0.008
9.067	-0.008
9.089	-0.008
9.111	-0.009
9.133	-0.009

9.156	-0.009
9.178	-0.009
9.200	-0.009
9.222	-0.009
9.244	-0.009
9.267	-0.009
9.289	-0.009
9.311	-0.009
9.333	-0.009
9.356	-0.009
9.378	-0.009
9.400	-0.009
9.422	-0.009
9.444	-0.009
9.467	-0.009
9.489	-0.009
9.511	-0.009
9.533	-0.009
9.556	-0.009
9.578	-0.009
9.600	-0.009
9.622	-0.009
9.644	-0.009
9.667	-0.009
9.689	-0.009
9.711	-0.009
9.733	-0.009
9.756	-0.009
9.778	-0.009
9.800	-0.009
9.822	-0.009
9.844	-0.009
9.867	-0.009
9.889	-0.009
9.911	-0.009
9.933	-0.009
9.956	-0.010
9.978	-0.010
10.000	-0.010
10.022	-0.010
10.044	-0.010
10.067	-0.010
10.089	-0.010
10.111	-0.010
10.133	-0.010
10.156	-0.010
10.178	-0.010
10.200	-0.010
10.222	-0.010
10.244	-0.010
10.267	-0.010
10.289	-0.010
10.311	-0.010
10.333	-0.010
10.356	-0.010
10.378	-0.010
10.400	-0.010
10.422	-0.010
10.444	-0.010
10.467	-0.010
10.489	-0.010
10.511	-0.010
10.533	-0.010
10.556	-0.010
10.578	-0.010

10.600	-0.010
10.622	-0.010
10.644	-0.010
10.667	-0.010
10.689	-0.010
10.711	-0.010
10.733	-0.010
10.756	-0.010
10.778	-0.010
10.800	-0.010
10.822	-0.010
10.844	-0.011
10.867	-0.011
10.889	-0.011
10.911	-0.011
10.933	-0.011
10.956	-0.011
10.978	-0.011
11.000	-0.011
11.022	-0.011
11.044	-0.011
11.067	-0.011
11.089	-0.011
11.111	-0.011
11.133	-0.011
11.156	-0.011
11.178	-0.011
11.200	-0.011
11.222	-0.011
11.244	-0.011
11.267	-0.011
11.289	-0.011
11.311	-0.011
11.333	-0.011
11.356	-0.011
11.378	-0.011
11.400	-0.011
11.422	-0.011
11.444	-0.011
11.467	-0.011
11.489	-0.011
11.511	-0.011
11.533	-0.011
11.556	-0.011
11.578	-0.011
11.600	-0.011
11.622	-0.011
11.644	-0.011
11.667	-0.011
11.689	-0.011
11.711	-0.011
11.733	-0.011
11.756	-0.011
11.778	-0.011
11.800	-0.011
11.822	-0.011
11.844	-0.012
11.867	-0.012
11.889	-0.012
11.911	-0.012
11.933	-0.012
11.956	-0.012
11.978	-0.012
12.000	-0.012
12.022	-0.012

12.044	-0.012
12.067	-0.012
12.089	-0.012
12.111	-0.012
12.133	-0.012
12.156	-0.012
12.178	-0.012
12.200	-0.012
12.222	-0.012
12.244	-0.012
12.267	-0.012
12.289	-0.012
12.311	-0.012
12.333	-0.012
12.356	-0.012
12.378	-0.012
12.400	-0.012
12.422	-0.012
12.444	-0.012
12.467	-0.012
12.489	-0.012
12.511	-0.012
12.533	-0.012
12.556	-0.012
12.578	-0.012
12.600	-0.012
12.622	-0.012
12.644	-0.012
12.667	-0.012
12.689	-0.012
12.711	-0.012
12.733	-0.012
12.756	-0.012
12.778	-0.012
12.800	-0.012
12.822	-0.012
12.844	-0.012
12.867	-0.012
12.889	-0.012
12.911	-0.012
12.933	-0.012
12.956	-0.013
12.978	-0.013
13.000	-0.013
13.022	-0.013
13.044	-0.013
13.067	-0.013
13.089	-0.013
13.111	-0.013
13.133	-0.013
13.156	-0.013
13.178	-0.013
13.200	-0.013
13.222	-0.013
13.244	-0.013
13.267	-0.013
13.289	-0.013
13.311	-0.013
13.333	-0.013
13.356	-0.013
13.378	-0.013
13.400	-0.013
13.422	-0.013
13.444	-0.013
13.467	-0.013

13.489	-0.013
13.511	-0.013
13.533	-0.013
13.556	-0.013
13.578	-0.013
13.600	-0.013
13.622	-0.013
13.644	-0.013
13.667	-0.013
13.689	-0.013
13.711	-0.013
13.733	-0.013
13.756	-0.013
13.778	-0.013
13.800	-0.013
13.822	-0.013
13.844	-0.013
13.867	-0.013
13.889	-0.013
13.911	-0.013
13.933	-0.013
13.956	-0.013
13.978	-0.013
14.000	-0.013
14.022	-0.013
14.044	-0.013
14.067	-0.013
14.089	-0.013
14.111	-0.013
14.133	-0.013
14.156	-0.013
14.178	-0.013
14.200	-0.013
14.222	-0.014
14.244	-0.014
14.267	-0.014
14.289	-0.014
14.311	-0.014
14.333	-0.014
14.356	-0.014
14.378	-0.014
14.400	-0.014
14.422	-0.014
14.444	-0.014
14.467	-0.014
14.489	-0.014
14.511	-0.014
14.533	-0.014
14.556	-0.014
14.578	-0.014
14.600	-0.014
14.622	-0.014
14.644	-0.014
14.667	-0.014
14.689	-0.014
14.711	-0.014
14.733	-0.014
14.756	-0.014
14.778	-0.014
14.800	-0.014
14.822	-0.014
14.844	-0.014
14.867	-0.014
14.889	-0.014
14.911	-0.014

14.933	-0.014
14.956	-0.014
14.978	-0.014
15.000	-0.014
15.022	-0.014
15.044	-0.014
15.067	-0.014
15.089	-0.014
15.111	-0.014
15.133	-0.014
15.156	-0.014
15.178	-0.014
15.200	-0.014
15.222	-0.014
15.244	-0.014
15.267	-0.014
15.289	-0.014
15.311	-0.014
15.333	-0.014
15.356	-0.014
15.378	-0.014
15.400	-0.014
15.422	-0.014
15.444	-0.014
15.467	-0.014
15.489	-0.014
15.511	-0.014
15.533	-0.014
15.556	-0.014
15.578	-0.014
15.600	-0.014
15.622	-0.014
15.644	-0.015
15.667	-0.015
15.689	-0.015
15.711	-0.015
15.733	-0.015
15.756	-0.015
15.778	-0.015
15.800	-0.015
15.822	-0.015
15.844	-0.015
15.867	-0.015
15.889	-0.015
15.911	-0.015
15.933	-0.015
15.956	-0.015
15.978	-0.015
16.000	-0.015
16.022	-0.015
16.044	-0.015
16.067	-0.015
16.089	-0.015
16.111	-0.015
16.133	-0.015
16.156	-0.015
16.178	-0.015
16.200	-0.015
16.222	-0.015
16.244	-0.015
16.267	-0.015
16.289	-0.015
16.311	-0.015
16.333	-0.015
16.356	-0.015

16.378	-0.015
16.400	-0.015
16.422	-0.016
16.444	-0.016
16.467	-0.016
16.489	-0.016
16.511	-0.016
16.533	-0.016
16.556	-0.016
16.578	-0.016
16.600	-0.016
16.622	-0.016
16.644	-0.016
16.667	-0.016
16.689	-0.016
16.711	-0.016
16.733	-0.016
16.756	-0.016
16.778	-0.016
16.800	-0.016
16.822	-0.016
16.844	-0.016
16.867	-0.016
16.889	-0.016
16.911	-0.016
16.933	-0.016
16.956	-0.016
16.978	-0.016
17.000	-0.016
17.022	-0.016
17.044	-0.016
17.067	-0.016
17.089	-0.016
17.111	-0.016
17.133	-0.016
17.156	-0.016
17.178	-0.016
17.200	-0.016
17.222	-0.016
17.244	-0.016
17.267	-0.016
17.289	-0.016
17.311	-0.016
17.333	-0.016
17.356	-0.016
17.378	-0.016
17.400	-0.016
17.422	-0.016
17.444	-0.016
17.467	-0.016
17.489	-0.016
17.511	-0.016
17.533	-0.016
17.556	-0.016
17.578	-0.016
17.600	-0.016
17.622	-0.016
17.644	-0.016
17.667	-0.016
17.689	-0.016
17.711	-0.016
17.733	-0.016
17.756	-0.016
17.778	-0.016
17.800	-0.016

17.822	-0.016
17.844	-0.016
17.867	-0.016
17.889	-0.016
17.911	-0.016
17.933	-0.016
17.956	-0.016
17.978	-0.017
18.000	-0.017
18.022	-0.017
18.044	-0.017
18.067	-0.017
18.089	-0.017
18.111	-0.017
18.133	-0.017
18.156	-0.017
18.178	-0.017
18.200	-0.017
18.222	-0.017
18.244	-0.017
18.267	-0.017
18.289	-0.017
18.311	-0.017
18.333	-0.017
18.356	-0.017
18.378	-0.017
18.400	-0.017
18.422	-0.017
18.444	-0.017
18.467	-0.017
18.489	-0.017
18.511	-0.017
18.533	-0.017
18.556	-0.017
18.578	-0.017
18.600	-0.017
18.622	-0.017
18.644	-0.017
18.667	-0.017
18.689	-0.017
18.711	-0.017
18.733	-0.017
18.756	-0.017
18.778	-0.017
18.800	-0.017
18.822	-0.017
18.844	-0.017
18.867	-0.017
18.889	-0.017
18.911	-0.017
18.933	-0.017
18.956	-0.017
18.978	-0.017
19.000	-0.017
19.022	-0.017
19.044	-0.017
19.067	-0.017
19.089	-0.017
19.111	-0.017
19.133	-0.017
19.156	-0.017
19.178	-0.017
19.200	-0.017
19.222	-0.017
19.244	-0.017

19.267	-0.017
19.289	-0.017
19.311	-0.017
19.333	-0.017
19.356	-0.017
19.378	-0.017
19.400	-0.017
19.422	-0.017
19.444	-0.017
19.467	-0.017
19.489	-0.017
19.511	-0.017
19.533	-0.017
19.556	-0.017
19.578	-0.017
19.600	-0.017
19.622	-0.017
19.644	-0.017
19.667	-0.017
19.689	-0.017
19.711	-0.017
19.733	-0.017
19.756	-0.017
19.778	-0.017
19.800	-0.017
19.822	-0.017
19.844	-0.017
19.867	-0.018
19.889	-0.018
19.911	-0.018
19.933	-0.018
19.956	-0.018
19.978	-0.018
20.000	-0.018
20.022	-0.018
20.044	-0.018
20.067	-0.018
20.089	-0.018
20.111	-0.018
20.133	-0.018
20.156	-0.018
20.178	-0.018
20.200	-0.018
20.222	-0.018
20.244	-0.018
20.267	-0.018
20.289	-0.018
20.311	-0.018
20.333	-0.018
20.356	-0.018
20.378	-0.018
20.400	-0.018
20.422	-0.018
20.444	-0.018
20.467	-0.018
20.489	-0.018
20.511	-0.018
20.533	-0.018
20.556	-0.018
20.578	-0.018
20.600	-0.018
20.622	-0.018
20.644	-0.018
20.667	-0.018
20.689	-0.018

20.711	-0.018
20.733	-0.018
20.756	-0.018
20.778	-0.018
20.800	-0.018
20.822	-0.018
20.844	-0.018
20.867	-0.018
20.889	-0.018
20.911	-0.018
20.933	-0.018
20.956	-0.018
20.978	-0.018
21.000	-0.018
21.022	-0.018
21.044	-0.018
21.067	-0.018
21.089	-0.018
21.111	-0.018
21.133	-0.018
21.156	-0.018
21.178	-0.018
21.200	-0.018
21.222	-0.018
21.244	-0.018
21.267	-0.018
21.289	-0.018
21.311	-0.018
21.333	-0.018
21.356	-0.018
21.378	-0.018
21.400	-0.018
21.422	-0.018
21.444	-0.018
21.467	-0.018
21.489	-0.018
21.511	-0.018
21.533	-0.018
21.556	-0.018
21.578	-0.018
21.600	-0.018
21.622	-0.018
21.644	-0.018
21.667	-0.018
21.689	-0.018
21.711	-0.018
21.733	-0.018
21.756	-0.018
21.778	-0.018
21.800	-0.018
21.822	-0.018
21.844	-0.018
21.867	-0.018
21.889	-0.018
21.911	-0.018
21.933	-0.018
21.956	-0.018
21.978	-0.018
22.000	-0.018
22.022	-0.018
22.044	-0.018
22.067	-0.018
22.089	-0.018
22.111	-0.019
22.133	-0.019

22.156	-0.019
22.178	-0.019
22.200	-0.019
22.222	-0.019
22.244	-0.019
22.267	-0.019
22.289	-0.019
22.311	-0.019
22.333	-0.019
22.356	-0.019
22.378	-0.019
22.400	-0.019
22.422	-0.019
22.444	-0.019
22.467	-0.019
22.489	-0.019
22.511	-0.019
22.533	-0.019
22.556	-0.019
22.578	-0.019
22.600	-0.019
22.622	-0.019
22.644	-0.019
22.667	-0.019
22.689	-0.019
22.711	-0.019
22.733	-0.019
22.756	-0.019
22.778	-0.019
22.800	-0.019
22.822	-0.019
22.844	-0.019
22.867	-0.019
22.889	-0.019
22.911	-0.019
22.933	-0.019
22.956	-0.019
22.978	-0.019
23.000	-0.019
23.022	-0.019
23.044	-0.019
23.067	-0.019
23.089	-0.019
23.111	-0.019
23.133	-0.019
23.156	-0.019
23.178	-0.019
23.200	-0.019
23.222	-0.019
23.244	-0.019
23.267	-0.019
23.289	-0.019
23.311	-0.019
23.333	-0.019
23.356	-0.019
23.378	-0.019
23.400	-0.019
23.422	-0.019
23.444	-0.019
23.467	-0.019
23.489	-0.019
23.511	-0.019
23.533	-0.019
23.556	-0.019
23.578	-0.019

23.600	-0.019
23.622	-0.019
23.644	-0.019
23.667	-0.019
23.689	-0.019
23.711	-0.019
23.733	-0.019
23.756	-0.019
23.778	-0.019
23.800	-0.019
23.822	-0.019
23.844	-0.019
23.867	-0.019
23.889	-0.019
23.911	-0.019
23.933	-0.019
23.956	-0.019
23.978	-0.019
24.000	-0.019
24.022	-0.019
24.044	-0.019
24.067	-0.020
24.089	-0.020
24.111	-0.021
24.133	-0.022
24.156	-0.022
24.178	-0.023
24.200	-0.023
24.222	-0.023
24.244	-0.024
24.267	-0.024
24.289	-0.024
24.311	-0.024
24.333	-0.025
24.356	-0.025
24.378	-0.025
24.400	-0.025
24.422	-0.025
24.444	-0.025
24.467	-0.025
24.489	-0.025
24.511	-0.026
24.533	-0.026
24.556	-0.026
24.578	-0.026
24.600	-0.026
24.622	-0.026
24.644	-0.026
24.667	-0.026
24.689	-0.026
24.711	-0.026
24.733	-0.026
24.756	-0.026
24.778	-0.026
24.800	-0.026
24.822	-0.026
24.844	-0.026
24.867	-0.026
24.889	-0.026
24.911	-0.026
24.933	-0.026
24.956	-0.026
24.978	-0.026
25.000	-0.026
25.022	-0.026

25.044	-0.026
25.067	-0.026
25.089	-0.026
25.111	-0.026
25.133	-0.026
25.156	-0.026
25.178	-0.026
25.200	-0.026
25.222	-0.026
25.244	-0.026
25.267	-0.026
25.289	-0.026
25.311	-0.026
25.333	-0.026
25.356	-0.026
25.378	-0.026
25.400	-0.026
25.422	-0.026
25.444	-0.026
25.467	-0.027
25.489	-0.027
25.511	-0.027
25.533	-0.027
25.556	-0.027
25.578	-0.027
25.600	-0.027
25.622	-0.027
25.644	-0.027
25.667	-0.027
25.689	-0.027
25.711	-0.027
25.733	-0.027
25.756	-0.027
25.778	-0.027
25.800	-0.027
25.822	-0.027
25.844	-0.027
25.867	-0.027
25.889	-0.027
25.911	-0.027
25.933	-0.027
25.956	-0.027
25.978	-0.027
26.000	-0.027
26.022	-0.027
26.044	-0.027
26.067	-0.027
26.089	-0.027
26.111	-0.027
26.133	-0.027
26.156	-0.027
26.178	-0.027
26.200	-0.027
26.222	-0.027
26.244	-0.027
26.267	-0.027
26.289	-0.027
26.311	-0.027
26.333	-0.027
26.356	-0.027
26.378	-0.027
26.400	-0.027
26.422	-0.027
26.444	-0.027
26.467	-0.027

26.489	-0.027
26.511	-0.027
26.533	-0.027
26.556	-0.027
26.578	-0.027
26.600	-0.027
26.622	-0.027
26.644	-0.027
26.667	-0.027
26.689	-0.027
26.711	-0.027
26.733	-0.027
26.756	-0.027
26.778	-0.027
26.800	-0.027
26.822	-0.027
26.844	-0.027
26.867	-0.027
26.889	-0.027
26.911	-0.027
26.933	-0.027
26.956	-0.027
26.978	-0.027
27.000	-0.027
27.022	-0.027
27.044	-0.027
27.067	-0.027
27.089	-0.027
27.111	-0.027
27.133	-0.027
27.156	-0.027
27.178	-0.027
27.200	-0.027
27.222	-0.027
27.244	-0.027
27.267	-0.027
27.289	-0.027
27.311	-0.027
27.333	-0.027
27.356	-0.027
27.378	-0.027
27.400	-0.027
27.422	-0.027
27.444	-0.027
27.467	-0.028
27.489	-0.028
27.511	-0.028
27.533	-0.028
27.556	-0.028
27.578	-0.028
27.600	-0.028
27.622	-0.028
27.644	-0.028
27.667	-0.028
27.689	-0.028
27.711	-0.028
27.733	-0.028
27.756	-0.028
27.778	-0.028
27.800	-0.028
27.822	-0.028
27.844	-0.028
27.867	-0.028
27.889	-0.028
27.911	-0.028

27.933	-0.028
27.956	-0.028
27.978	-0.028
28.000	-0.028
28.022	-0.028
28.044	-0.028
28.067	-0.028
28.089	-0.028
28.111	-0.028
28.133	-0.028
28.156	-0.028
28.178	-0.028
28.200	-0.028
28.222	-0.028
28.244	-0.028
28.267	-0.028
28.289	-0.028
28.311	-0.028
28.333	-0.028
28.356	-0.028
28.378	-0.028
28.400	-0.028
28.422	-0.028
28.444	-0.028
28.467	-0.028
28.489	-0.028
28.511	-0.028
28.533	-0.028
28.556	-0.028
28.578	-0.028
28.600	-0.028
28.622	-0.028
28.644	-0.028
28.667	-0.028
28.689	-0.028
28.711	-0.028
28.733	-0.028
28.756	-0.028
28.778	-0.028
28.800	-0.028
28.822	-0.028
28.844	-0.028
28.867	-0.028
28.889	-0.028
28.911	-0.028
28.933	-0.028
28.956	-0.028
28.978	-0.028
29.000	-0.028
29.022	-0.028
29.044	-0.028
29.067	-0.028
29.089	-0.028
29.111	-0.028
29.133	-0.028
29.156	-0.028
29.178	-0.028
29.200	-0.028
29.222	-0.028
29.244	-0.028
29.267	-0.028
29.289	-0.028
29.311	-0.028
29.333	-0.028
29.356	-0.028

29.378	-0.028
29.400	-0.028
29.422	-0.028
29.444	-0.028
29.467	-0.028
29.489	-0.028
29.511	-0.028
29.533	-0.028
29.556	-0.028
29.578	-0.028
29.600	-0.028
29.622	-0.028
29.644	-0.028
29.667	-0.028
29.689	-0.028
29.711	-0.028
29.733	-0.028
29.756	-0.028
29.778	-0.028
29.800	-0.028
29.822	-0.028
29.844	-0.028
29.867	-0.028
29.889	-0.028
29.911	-0.029
29.933	-0.029
29.956	-0.029
29.978	-0.029
30.000	-0.029
30.022	-0.029
30.044	-0.029
30.067	-0.029
30.089	-0.029
30.111	-0.029
30.133	-0.029
30.156	-0.029
30.178	-0.029
30.200	-0.029
30.222	-0.029
30.244	-0.029
30.267	-0.029
30.289	-0.029
30.311	-0.029
30.333	-0.029
30.356	-0.029
30.378	-0.029
30.400	-0.029
30.422	-0.029
30.444	-0.029
30.467	-0.029
30.489	-0.029
30.511	-0.029
30.533	-0.029
30.556	-0.029
30.578	-0.029
30.600	-0.029
30.622	-0.029
30.644	-0.029
30.667	-0.029
30.689	-0.029
30.711	-0.029
30.733	-0.029
30.756	-0.029
30.778	-0.029
30.800	-0.029

30.822	-0.029
30.844	-0.029
30.867	-0.029
30.889	-0.029
30.911	-0.029
30.933	-0.029
30.956	-0.029
30.978	-0.029
31.000	-0.029
31.022	-0.029
31.044	-0.029
31.067	-0.029
31.089	-0.029
31.111	-0.029
31.133	-0.029
31.156	-0.029
31.178	-0.029
31.200	-0.029
31.222	-0.029
31.244	-0.029
31.267	-0.029
31.289	-0.029
31.311	-0.029
31.333	-0.029
31.356	-0.029
31.378	-0.029
31.400	-0.029
31.422	-0.029
31.444	-0.029
31.467	-0.029
31.489	-0.029
31.511	-0.029
31.533	-0.029
31.556	-0.029
31.578	-0.029
31.600	-0.029
31.622	-0.029
31.644	-0.029
31.667	-0.029
31.689	-0.029
31.711	-0.029
31.733	-0.029
31.756	-0.029
31.778	-0.029
31.800	-0.029
31.822	-0.029
31.844	-0.029
31.867	-0.029
31.889	-0.029
31.911	-0.029
31.933	-0.029
31.956	-0.029
31.978	-0.029
32.000	-0.029
32.022	-0.030
32.044	-0.033
32.067	-0.038
32.089	-0.045
32.111	-0.053
32.133	-0.060
32.156	-0.068
32.178	-0.074
32.200	-0.079
32.222	-0.083
32.244	-0.087

32.267	-0.090
32.289	-0.093
32.311	-0.095
32.333	-0.098
32.356	-0.100
32.378	-0.101
32.400	-0.103
32.422	-0.104
32.444	-0.106
32.467	-0.107
32.489	-0.108
32.511	-0.109
32.533	-0.110
32.556	-0.110
32.578	-0.111
32.600	-0.112
32.622	-0.112
32.644	-0.113
32.667	-0.113
32.689	-0.113
32.711	-0.114
32.733	-0.114
32.756	-0.114
32.778	-0.114
32.800	-0.115
32.822	-0.115
32.844	-0.115
32.867	-0.115
32.889	-0.115
32.911	-0.115
32.933	-0.115
32.956	-0.115
32.978	-0.115
33.000	-0.084
33.022	-0.054
33.044	-0.056
33.067	-0.057
33.089	-0.058
33.111	-0.059
33.133	-0.059
33.156	-0.060
33.178	-0.060
33.200	-0.060
33.222	-0.061
33.244	-0.061
33.267	-0.061
33.289	-0.061
33.311	-0.061
33.333	-0.061
33.356	-0.062
33.378	-0.062
33.400	-0.062
33.422	-0.062
33.444	-0.062
33.467	-0.062
33.489	-0.062
33.511	-0.062
33.533	-0.062
33.556	-0.062
33.578	-0.062
33.600	-0.062
33.622	-0.062
33.644	-0.062
33.667	-0.062
33.689	-0.062

33.711	-0.062
33.733	-0.062
33.756	-0.062
33.778	-0.062
33.800	-0.062
33.822	-0.062
33.844	-0.062
33.867	-0.062
33.889	-0.062
33.911	-0.062
33.933	-0.062
33.956	-0.062
33.978	-0.062
34.000	-0.062
34.022	-0.062
34.044	-0.062
34.067	-0.062
34.089	-0.062
34.111	-0.062
34.133	-0.062
34.156	-0.062
34.178	-0.062
34.200	-0.062
34.222	-0.062
34.244	-0.062
34.267	-0.062
34.289	-0.062
34.311	-0.062
34.333	-0.062
34.356	-0.062
34.378	-0.062
34.400	-0.062
34.422	-0.062
34.444	-0.062
34.467	-0.062
34.489	-0.062
34.511	-0.062
34.533	-0.062
34.556	-0.062
34.578	-0.062
34.600	-0.062
34.622	-0.062
34.644	-0.062
34.667	-0.062
34.689	-0.062
34.711	-0.062
34.733	-0.062
34.756	-0.062
34.778	-0.062
34.800	-0.062
34.822	-0.062
34.844	-0.062
34.867	-0.062
34.889	-0.062
34.911	-0.062
34.933	-0.062
34.956	-0.062
34.978	-0.062
35.000	-0.062
35.022	-0.062
35.044	-0.062
35.067	-0.062
35.089	-0.062
35.111	-0.062
35.133	-0.062

35.156	-0.062
35.178	-0.062
35.200	-0.062
35.222	-0.062
35.244	-0.062
35.267	-0.062
35.289	-0.062
35.311	-0.062
35.333	-0.062
35.356	-0.062
35.378	-0.062
35.400	-0.062
35.422	-0.062
35.444	-0.062
35.467	-0.062
35.489	-0.062
35.511	-0.062
35.533	-0.062
35.556	-0.062
35.578	-0.062
35.600	-0.062
35.622	-0.062
35.644	-0.062
35.667	-0.062
35.689	-0.062
35.711	-0.062
35.733	-0.062
35.756	-0.062
35.778	-0.062
35.800	-0.062
35.822	-0.062
35.844	-0.062
35.867	-0.062
35.889	-0.062
35.911	-0.062
35.933	-0.062
35.956	-0.062
35.978	-0.062
36.000	-0.062
36.022	-0.062
36.044	-0.062
36.067	-0.062
36.089	-0.062
36.111	-0.062
36.133	-0.062
36.156	-0.062
36.178	-0.062
36.200	-0.062
36.222	-0.062
36.244	-0.062
36.267	-0.062
36.289	-0.062
36.311	-0.062
36.333	-0.062
36.356	-0.062
36.378	-0.062
36.400	-0.062
36.422	-0.062
36.444	-0.062
36.467	-0.062
36.489	-0.062
36.511	-0.062
36.533	-0.062
36.556	-0.062
36.578	-0.062

36.600	-0.062
36.622	-0.062
36.644	-0.062
36.667	-0.062
36.689	-0.062
36.711	-0.062
36.733	-0.062
36.756	-0.062
36.778	-0.062
36.800	-0.062
36.822	-0.062
36.844	-0.062
36.867	-0.062
36.889	-0.062
36.911	-0.062
36.933	-0.062
36.956	-0.062
36.978	-0.062
37.000	-0.062
37.022	-0.062
37.044	-0.062
37.067	-0.062
37.089	-0.062
37.111	-0.062
37.133	-0.062
37.156	-0.062
37.178	-0.062
37.200	-0.062
37.222	-0.062
37.244	-0.062
37.267	-0.062
37.289	-0.062
37.311	-0.062
37.333	-0.062
37.356	-0.062
37.378	-0.062
37.400	-0.062
37.422	-0.062
37.444	-0.062
37.467	-0.062
37.489	-0.062
37.511	-0.062
37.533	-0.062
37.556	-0.062
37.578	-0.062
37.600	-0.062
37.622	-0.062
37.644	-0.062
37.667	-0.062
37.689	-0.062
37.711	-0.062
37.733	-0.062
37.756	-0.062
37.778	-0.062
37.800	-0.062
37.822	-0.062
37.844	-0.062
37.867	-0.062
37.889	-0.062
37.911	-0.062
37.933	-0.062
37.956	-0.062
37.978	-0.062
38.000	-0.062
38.022	-0.062

38.044	-0.062
38.067	-0.062
38.089	-0.062
38.111	-0.062
38.133	-0.062
38.156	-0.062
38.178	-0.062
38.200	-0.062
38.222	-0.062
38.244	-0.062
38.267	-0.062
38.289	-0.062
38.311	-0.062
38.333	-0.062
38.356	-0.062
38.378	-0.062
38.400	-0.062
38.422	-0.062
38.444	-0.062
38.467	-0.062
38.489	-0.062
38.511	-0.062
38.533	-0.062
38.556	-0.062
38.578	-0.062
38.600	-0.062
38.622	-0.062
38.644	-0.062
38.667	-0.062
38.689	-0.062
38.711	-0.062
38.733	-0.062
38.756	-0.062
38.778	-0.062
38.800	-0.062
38.822	-0.062
38.844	-0.062
38.867	-0.062
38.889	-0.062
38.911	-0.062
38.933	-0.062
38.956	-0.062
38.978	-0.062
39.000	-0.062
39.022	-0.062
39.044	-0.062
39.067	-0.062
39.089	-0.062
39.111	-0.062
39.133	-0.062
39.156	-0.062
39.178	-0.062
39.200	-0.062
39.222	-0.062
39.244	-0.062
39.267	-0.062
39.289	-0.062
39.311	-0.062
39.333	-0.062
39.356	-0.062
39.378	-0.062
39.400	-0.062
39.422	-0.062
39.444	-0.062
39.467	-0.062

39.489	-0.062
39.511	-0.062
39.533	-0.062
39.556	-0.062
39.578	-0.062
39.600	-0.062
39.622	-0.062
39.644	-0.062
39.667	-0.062
39.689	-0.062
39.711	-0.062
39.733	-0.062
39.756	-0.062
39.778	-0.062
39.800	-0.062
39.822	-0.062
39.844	-0.062
39.867	-0.062
39.889	-0.062
39.911	-0.062
39.933	-0.062
39.956	-0.062
39.978	-0.062
40.000	-0.062
40.022	-0.062
40.044	-0.062
40.067	-0.061
40.089	-0.061
40.111	-0.061
40.133	-0.061
40.156	-0.060
40.178	-0.060
40.200	-0.059
40.222	-0.059
40.244	-0.058
40.267	-0.058
40.289	-0.057
40.311	-0.057
40.333	-0.057
40.356	-0.056
40.378	-0.056
40.400	-0.055
40.422	-0.055
40.444	-0.055
40.467	-0.054
40.489	-0.054
40.511	-0.053
40.533	-0.053
40.556	-0.053
40.578	-0.052
40.600	-0.052
40.622	-0.052
40.644	-0.052
40.667	-0.051
40.689	-0.051
40.711	-0.051
40.733	-0.050
40.756	-0.050
40.778	-0.050
40.800	-0.050
40.822	-0.049
40.844	-0.049
40.867	-0.049
40.889	-0.049
40.911	-0.049

40.933	-0.048
40.956	-0.048
40.978	-0.048
41.000	-0.048
41.022	-0.048
41.044	-0.047
41.067	-0.047
41.089	-0.047
41.111	-0.047
41.133	-0.047
41.156	-0.047
41.178	-0.046
41.200	-0.046
41.222	-0.046
41.244	-0.046
41.267	-0.046
41.289	-0.046
41.311	-0.046
41.333	-0.045
41.356	-0.045
41.378	-0.045
41.400	-0.045
41.422	-0.045
41.444	-0.045
41.467	-0.045
41.489	-0.044
41.511	-0.044
41.533	-0.044
41.556	-0.044
41.578	-0.044
41.600	-0.044
41.622	-0.044
41.644	-0.044
41.667	-0.043
41.689	-0.043
41.711	-0.043
41.733	-0.043
41.756	-0.043
41.778	-0.043
41.800	-0.043
41.822	-0.043
41.844	-0.043
41.867	-0.042
41.889	-0.042
41.911	-0.042
41.933	-0.042
41.956	-0.042
41.978	-0.042
42.000	-0.042
42.022	-0.042
42.044	-0.042
42.067	-0.042
42.089	-0.041
42.111	-0.041
42.133	-0.041
42.156	-0.041
42.178	-0.041
42.200	-0.041
42.222	-0.041
42.244	-0.041
42.267	-0.041
42.289	-0.041
42.311	-0.041
42.333	-0.040
42.356	-0.040

42.378	-0.040
42.400	-0.040
42.422	-0.040
42.444	-0.040
42.467	-0.040
42.489	-0.040
42.511	-0.040
42.533	-0.040
42.556	-0.040
42.578	-0.040
42.600	-0.039
42.622	-0.039
42.644	-0.039
42.667	-0.039
42.689	-0.039
42.711	-0.039
42.733	-0.039
42.756	-0.039
42.778	-0.039
42.800	-0.039
42.822	-0.039
42.844	-0.039
42.867	-0.039
42.889	-0.039
42.911	-0.038
42.933	-0.038
42.956	-0.038
42.978	-0.038
43.000	-0.038
43.022	-0.038
43.044	-0.038
43.067	-0.038
43.089	-0.038
43.111	-0.038
43.133	-0.038
43.156	-0.038
43.178	-0.038
43.200	-0.038
43.222	-0.038
43.244	-0.037
43.267	-0.037
43.289	-0.037
43.311	-0.037
43.333	-0.037
43.356	-0.037
43.378	-0.037
43.400	-0.037
43.422	-0.037
43.444	-0.037
43.467	-0.037
43.489	-0.037
43.511	-0.037
43.533	-0.037
43.556	-0.037
43.578	-0.037
43.600	-0.036
43.622	-0.036
43.644	-0.036
43.667	-0.036
43.689	-0.036
43.711	-0.036
43.733	-0.036
43.756	-0.036
43.778	-0.036
43.800	-0.036

43.822	-0.036
43.844	-0.036
43.867	-0.036
43.889	-0.036
43.911	-0.036
43.933	-0.036
43.956	-0.036
43.978	-0.036
44.000	-0.036
44.022	-0.035
44.044	-0.035
44.067	-0.035
44.089	-0.035
44.111	-0.035
44.133	-0.035
44.156	-0.035
44.178	-0.035
44.200	-0.035
44.222	-0.035
44.244	-0.035
44.267	-0.035
44.289	-0.035
44.311	-0.035
44.333	-0.035
44.356	-0.035
44.378	-0.035
44.400	-0.035
44.422	-0.035
44.444	-0.035
44.467	-0.035
44.489	-0.034
44.511	-0.034
44.533	-0.034
44.556	-0.034
44.578	-0.034
44.600	-0.034
44.622	-0.034
44.644	-0.034
44.667	-0.034
44.689	-0.034
44.711	-0.034
44.733	-0.034
44.756	-0.034
44.778	-0.034
44.800	-0.034
44.822	-0.034
44.844	-0.034
44.867	-0.034
44.889	-0.034
44.911	-0.034
44.933	-0.034
44.956	-0.034
44.978	-0.034
45.000	-0.033
45.022	-0.033
45.044	-0.033
45.067	-0.033
45.089	-0.033
45.111	-0.033
45.133	-0.033
45.156	-0.033
45.178	-0.033
45.200	-0.033
45.222	-0.033
45.244	-0.033

45.267	-0.033
45.289	-0.033
45.311	-0.033
45.333	-0.033
45.356	-0.033
45.378	-0.033
45.400	-0.033
45.422	-0.033
45.444	-0.033
45.467	-0.033
45.489	-0.033
45.511	-0.033
45.533	-0.033
45.556	-0.033
45.578	-0.032
45.600	-0.032
45.622	-0.032
45.644	-0.032
45.667	-0.032
45.689	-0.032
45.711	-0.032
45.733	-0.032
45.756	-0.032
45.778	-0.032
45.800	-0.032
45.822	-0.032
45.844	-0.032
45.867	-0.032
45.889	-0.032
45.911	-0.032
45.933	-0.032
45.956	-0.032
45.978	-0.032
46.000	-0.032
46.022	-0.032
46.044	-0.032
46.067	-0.032
46.089	-0.032
46.111	-0.032
46.133	-0.032
46.156	-0.032
46.178	-0.032
46.200	-0.032
46.222	-0.032
46.244	-0.031
46.267	-0.031
46.289	-0.031
46.311	-0.031
46.333	-0.031
46.356	-0.031
46.378	-0.031
46.400	-0.031
46.422	-0.031
46.444	-0.031
46.467	-0.031
46.489	-0.031
46.511	-0.031
46.533	-0.031
46.556	-0.031
46.578	-0.031
46.600	-0.031
46.622	-0.031
46.644	-0.031
46.667	-0.031
46.689	-0.031

46.711	-0.031
46.733	-0.031
46.756	-0.031
46.778	-0.031
46.800	-0.031
46.822	-0.031
46.844	-0.031
46.867	-0.031
46.889	-0.031
46.911	-0.031
46.933	-0.031
46.956	-0.031
46.978	-0.031
47.000	-0.031
47.022	-0.030
47.044	-0.030
47.067	-0.030
47.089	-0.030
47.111	-0.030
47.133	-0.030
47.156	-0.030
47.178	-0.030
47.200	-0.030
47.222	-0.030
47.244	-0.030
47.267	-0.030
47.289	-0.030
47.311	-0.030
47.333	-0.030
47.356	-0.030
47.378	-0.030
47.400	-0.030
47.422	-0.030
47.444	-0.030
47.467	-0.030
47.489	-0.030
47.511	-0.030
47.533	-0.030
47.556	-0.030
47.578	-0.030
47.600	-0.030
47.622	-0.030
47.644	-0.030
47.667	-0.030
47.689	-0.030
47.711	-0.030
47.733	-0.030
47.756	-0.030
47.778	-0.030
47.800	-0.030
47.822	-0.030
47.844	-0.030
47.867	-0.030
47.889	-0.030
47.911	-0.029
47.933	-0.029
47.956	-0.029
47.978	-0.029
48.000	-0.029
48.022	-0.029
48.044	-0.029
48.067	-0.029
48.089	-0.029
48.111	-0.029
48.133	-0.029

48.156	-0.029
48.178	-0.029
48.200	-0.030
48.222	-0.030
48.244	-0.030
48.267	-0.030
48.289	-0.030
48.311	-0.030
48.333	-0.030
48.356	-0.030
48.378	-0.030
48.400	-0.030
48.422	-0.030
48.444	-0.030
48.467	-0.030
48.489	-0.030
48.511	-0.030
48.533	-0.030
48.556	-0.030
48.578	-0.030
48.600	-0.030
48.622	-0.030
48.644	-0.030
48.667	-0.030
48.689	-0.030
48.711	-0.030
48.733	-0.030
48.756	-0.030
48.778	-0.030
48.800	-0.030
48.822	-0.030
48.844	-0.030
48.867	-0.030
48.889	-0.030
48.911	-0.030
48.933	-0.030
48.956	-0.030
48.978	-0.030
49.000	-0.030
49.022	-0.030
49.044	-0.030
49.067	-0.030
49.089	-0.030
49.111	-0.030
49.133	-0.030
49.156	-0.030
49.178	-0.030
49.200	-0.030
49.222	-0.030
49.244	-0.030
49.267	-0.030
49.289	-0.030
49.311	-0.030
49.333	-0.030
49.356	-0.030
49.378	-0.030
49.400	-0.030
49.422	-0.031
49.444	-0.031
49.467	-0.031
49.489	-0.031
49.511	-0.031
49.533	-0.031
49.556	-0.031
49.578	-0.031

49.600	-0.031
49.622	-0.031
49.644	-0.031
49.667	-0.031
49.689	-0.031
49.711	-0.031
49.733	-0.031
49.756	-0.031
49.778	-0.031
49.800	-0.031
49.822	-0.031
49.844	-0.031
49.867	-0.031
49.889	-0.031
49.911	-0.031
49.933	-0.030
49.956	-0.030
49.978	-0.030
50.000	-0.030
50.022	-0.030
50.044	-0.030
50.067	-0.030
50.089	-0.030
50.111	-0.030
50.133	-0.030
50.156	-0.030
50.178	-0.030
50.200	-0.030
50.222	-0.030
50.244	-0.030
50.267	-0.030
50.289	-0.030
50.311	-0.030
50.333	-0.030
50.356	-0.030
50.378	-0.030
50.400	-0.030
50.422	-0.030
50.444	-0.030
50.467	-0.030
50.489	-0.030
50.511	-0.030
50.533	-0.030
50.556	-0.030
50.578	-0.030
50.600	-0.030
50.622	-0.030
50.644	-0.030
50.667	-0.030
50.689	-0.030
50.711	-0.030
50.733	-0.030
50.756	-0.030
50.778	-0.030
50.800	-0.030
50.822	-0.030
50.844	-0.030
50.867	-0.030
50.889	-0.030
50.911	-0.030
50.933	-0.030
50.956	-0.030
50.978	-0.030
51.000	-0.030
51.022	-0.030

51.044	-0.030
51.067	-0.030
51.089	-0.030
51.111	-0.030
51.133	-0.030
51.156	-0.030
51.178	-0.030
51.200	-0.030
51.222	-0.030
51.244	-0.030
51.267	-0.030
51.289	-0.030
51.311	-0.030
51.333	-0.030
51.356	-0.030
51.378	-0.030
51.400	-0.030
51.422	-0.030
51.444	-0.030
51.467	-0.030
51.489	-0.030
51.511	-0.030
51.533	-0.030
51.556	-0.030
51.578	-0.030
51.600	-0.030
51.622	-0.030
51.644	-0.030
51.667	-0.030
51.689	-0.030
51.711	-0.030
51.733	-0.030
51.756	-0.030
51.778	-0.030
51.800	-0.030
51.822	-0.030
51.844	-0.030
51.867	-0.030
51.889	-0.030
51.911	-0.030
51.933	-0.030
51.956	-0.030
51.978	-0.030
52.000	-0.030
52.022	-0.030
52.044	-0.030
52.067	-0.030
52.089	-0.030
52.111	-0.030
52.133	-0.030
52.156	-0.030
52.178	-0.030
52.200	-0.030
52.222	-0.030
52.244	-0.030
52.267	-0.030
52.289	-0.030
52.311	-0.030
52.333	-0.030
52.356	-0.030
52.378	-0.030
52.400	-0.030
52.422	-0.030
52.444	-0.030
52.467	-0.030

52.489	-0.030
52.511	-0.030
52.533	-0.030
52.556	-0.030
52.578	-0.030
52.600	-0.030
52.622	-0.030
52.644	-0.030
52.667	-0.030
52.689	-0.030
52.711	-0.030
52.733	-0.030
52.756	-0.030
52.778	-0.030
52.800	-0.030
52.822	-0.030
52.844	-0.030
52.867	-0.030
52.889	-0.030
52.911	-0.030
52.933	-0.030
52.956	-0.030
52.978	-0.030
53.000	-0.030
53.022	-0.030
53.044	-0.030
53.067	-0.030
53.089	-0.030
53.111	-0.030
53.133	-0.030
53.156	-0.030
53.178	-0.030
53.200	-0.030
53.222	-0.030
53.244	-0.030
53.267	-0.030
53.289	-0.030
53.311	-0.030
53.333	-0.030
53.356	-0.030
53.378	-0.030
53.400	-0.030
53.422	-0.030
53.444	-0.030
53.467	-0.030
53.489	-0.030
53.511	-0.030
53.533	-0.030
53.556	-0.030
53.578	-0.030
53.600	-0.030
53.622	-0.030
53.644	-0.030
53.667	-0.030
53.689	-0.030
53.711	-0.030
53.733	-0.030
53.756	-0.030
53.778	-0.030
53.800	-0.030
53.822	-0.030
53.844	-0.030
53.867	-0.030
53.889	-0.030
53.911	-0.030

53.933	-0.030
53.956	-0.030
53.978	-0.030
54.000	-0.030
54.022	-0.030
54.044	-0.030
54.067	-0.030
54.089	-0.030
54.111	-0.030
54.133	-0.030
54.156	-0.030
54.178	-0.030
54.200	-0.030
54.222	-0.030
54.244	-0.030
54.267	-0.030
54.289	-0.030
54.311	-0.030
54.333	-0.030
54.356	-0.030
54.378	-0.030
54.400	-0.030
54.422	-0.030
54.444	-0.030
54.467	-0.030
54.489	-0.030
54.511	-0.030
54.533	-0.030
54.556	-0.030
54.578	-0.030
54.600	-0.030
54.622	-0.030
54.644	-0.030
54.667	-0.030
54.689	-0.030
54.711	-0.030
54.733	-0.030
54.756	-0.030
54.778	-0.030
54.800	-0.030
54.822	-0.030
54.844	-0.030
54.867	-0.030
54.889	-0.030
54.911	-0.030
54.933	-0.030
54.956	-0.030
54.978	-0.030
55.000	-0.030
55.022	-0.030
55.044	-0.030
55.067	-0.030
55.089	-0.030
55.111	-0.030
55.133	-0.030
55.156	-0.030
55.178	-0.030
55.200	-0.030
55.222	-0.030
55.244	-0.030
55.267	-0.030
55.289	-0.030
55.311	-0.030
55.333	-0.030
55.356	-0.030

55.378	-0.030
55.400	-0.030
55.422	-0.030
55.444	-0.030
55.467	-0.030
55.489	-0.030
55.511	-0.030
55.533	-0.030
55.556	-0.030
55.578	-0.030
55.600	-0.030
55.622	-0.030
55.644	-0.030
55.667	-0.030
55.689	-0.030
55.711	-0.030
55.733	-0.030
55.756	-0.030
55.778	-0.030
55.800	-0.030
55.822	-0.030
55.844	-0.030
55.867	-0.030
55.889	-0.030
55.911	-0.030
55.933	-0.030
55.956	-0.030
55.978	-0.030
56.000	-0.029
56.022	-0.029
56.044	-0.029
56.067	-0.029
56.089	-0.029
56.111	-0.029
56.133	-0.029
56.156	-0.029
56.178	-0.029
56.200	-0.029
56.222	-0.029
56.244	-0.029
56.267	-0.029
56.289	-0.029
56.311	-0.029
56.333	-0.029
56.356	-0.029
56.378	-0.029
56.400	-0.029
56.422	-0.029
56.444	-0.029
56.467	-0.029
56.489	-0.029
56.511	-0.029
56.533	-0.029
56.556	-0.029
56.578	-0.029
56.600	-0.029
56.622	-0.029
56.644	-0.029
56.667	-0.029
56.689	-0.029
56.711	-0.029
56.733	-0.029
56.756	-0.029
56.778	-0.029
56.800	-0.029

56.822	-0.029
56.844	-0.029
56.867	-0.029
56.889	-0.029
56.911	-0.029
56.933	-0.029
56.956	-0.029
56.978	-0.029
57.000	-0.029
57.022	-0.029
57.044	-0.029
57.067	-0.029
57.089	-0.029
57.111	-0.029
57.133	-0.029
57.156	-0.029
57.178	-0.029
57.200	-0.029
57.222	-0.029
57.244	-0.029
57.267	-0.029
57.289	-0.029
57.311	-0.029
57.333	-0.029
57.356	-0.029
57.378	-0.029
57.400	-0.029
57.422	-0.029
57.444	-0.029
57.467	-0.029
57.489	-0.029
57.511	-0.029
57.533	-0.029
57.556	-0.029
57.578	-0.029
57.600	-0.029
57.622	-0.029
57.644	-0.029
57.667	-0.029
57.689	-0.029
57.711	-0.029
57.733	-0.029
57.756	-0.029
57.778	-0.029
57.800	-0.029
57.822	-0.029
57.844	-0.029
57.867	-0.029
57.889	-0.029
57.911	-0.029
57.933	-0.029
57.956	-0.029
57.978	-0.029
58.000	-0.029
58.022	-0.029
58.044	-0.029
58.067	-0.029
58.089	-0.029
58.111	-0.029
58.133	-0.029
58.156	-0.029
58.178	-0.029
58.200	-0.029
58.222	-0.029
58.244	-0.029

58.267	-0.029
58.289	-0.029
58.311	-0.029
58.333	-0.029
58.356	-0.029
58.378	-0.029
58.400	-0.029
58.422	-0.029
58.444	-0.029
58.467	-0.029
58.489	-0.029
58.511	-0.029
58.533	-0.029
58.556	-0.029
58.578	-0.029
58.600	-0.029
58.622	-0.029
58.644	-0.029
58.667	-0.029
58.689	-0.029
58.711	-0.029
58.733	-0.029
58.756	-0.029
58.778	-0.029
58.800	-0.029
58.822	-0.029
58.844	-0.029
58.867	-0.029
58.889	-0.029
58.911	-0.029
58.933	-0.029
58.956	-0.029
58.978	-0.029
59.000	-0.029
59.022	-0.029
59.044	-0.029
59.067	-0.029
59.089	-0.029
59.111	-0.029
59.133	-0.029
59.156	-0.029
59.178	-0.029
59.200	-0.029
59.222	-0.029
59.244	-0.029
59.267	-0.029
59.289	-0.029
59.311	-0.029
59.333	-0.029
59.356	-0.029
59.378	-0.029
59.400	-0.029
59.422	-0.029
59.444	-0.029
59.467	-0.029
59.489	-0.029
59.511	-0.029
59.533	-0.029
59.556	-0.029
59.578	-0.029
59.600	-0.029
59.622	-0.029
59.644	-0.029
59.667	-0.029
59.689	-0.029

59.711	-0.029
59.733	-0.029
59.756	-0.029
59.778	-0.029
59.800	-0.029
59.822	-0.029
59.844	-0.029
59.867	-0.029
59.889	-0.029
59.911	-0.029
59.933	-0.029
59.956	-0.029
59.978	-0.029
60.000	-0.029
60.022	-0.029
60.044	-0.029
60.067	-0.029
60.089	-0.029
60.111	-0.029
60.133	-0.029
60.156	-0.029
60.178	-0.029
60.200	-0.029
60.222	-0.029
60.244	-0.029
60.267	-0.029
60.289	-0.029
60.311	-0.029
60.333	-0.029
60.356	-0.029
60.378	-0.029
60.400	-0.029
60.422	-0.029
60.444	-0.029
60.467	-0.029
60.489	-0.029
60.511	-0.029
60.533	-0.029
60.556	-0.029
60.578	-0.029
60.600	-0.029
60.622	-0.029
60.644	-0.029
60.667	-0.029
60.689	-0.029
60.711	-0.029
60.733	-0.029
60.756	-0.029
60.778	-0.029
60.800	-0.029
60.822	-0.029
60.844	-0.029
60.867	-0.029
60.889	-0.029
60.911	-0.029
60.933	-0.029
60.956	-0.029
60.978	-0.029
61.000	-0.029
61.022	-0.029
61.044	-0.029
61.067	-0.029
61.089	-0.029
61.111	-0.029
61.133	-0.029

61.156	-0.029
61.178	-0.029
61.200	-0.029
61.222	-0.029
61.244	-0.029
61.267	-0.029
61.289	-0.029
61.311	-0.029
61.333	-0.029
61.356	-0.029
61.378	-0.029
61.400	-0.029
61.422	-0.029
61.444	-0.029
61.467	-0.029
61.489	-0.029
61.511	-0.029
61.533	-0.029
61.556	-0.029
61.578	-0.029
61.600	-0.029
61.622	-0.029
61.644	-0.029
61.667	-0.029
61.689	-0.029
61.711	-0.029
61.733	-0.029
61.756	-0.029
61.778	-0.029
61.800	-0.029
61.822	-0.029
61.844	-0.029
61.867	-0.029
61.889	-0.029
61.911	-0.029
61.933	-0.029
61.956	-0.029
61.978	-0.029
62.000	-0.029
62.022	-0.029
62.044	-0.029
62.067	-0.029
62.089	-0.029
62.111	-0.029
62.133	-0.029
62.156	-0.029
62.178	-0.029
62.200	-0.029
62.222	-0.029
62.244	-0.029
62.267	-0.029
62.289	-0.029
62.311	-0.029
62.333	-0.029
62.356	-0.029
62.378	-0.029
62.400	-0.029
62.422	-0.029
62.444	-0.029
62.467	-0.029
62.489	-0.029
62.511	-0.029
62.533	-0.029
62.556	-0.029
62.578	-0.029

62.600	-0.029
62.622	-0.029
62.644	-0.029
62.667	-0.029
62.689	-0.029
62.711	-0.029
62.733	-0.029
62.756	-0.029
62.778	-0.029
62.800	-0.029
62.822	-0.029
62.844	-0.029
62.867	-0.029
62.889	-0.029
62.911	-0.029
62.933	-0.029
62.956	-0.029
62.978	-0.029
63.000	-0.029
63.022	-0.029
63.044	-0.029
63.067	-0.029
63.089	-0.029
63.111	-0.029
63.133	-0.029
63.156	-0.029
63.178	-0.029
63.200	-0.029
63.222	-0.029
63.244	-0.029
63.267	-0.029
63.289	-0.029
63.311	-0.029
63.333	-0.029
63.356	-0.029
63.378	-0.029
63.400	-0.029
63.422	-0.029
63.444	-0.029
63.467	-0.029
63.489	-0.029
63.511	-0.029
63.533	-0.029
63.556	-0.029
63.578	-0.029
63.600	-0.029
63.622	-0.029
63.644	-0.029
63.667	-0.029
63.689	-0.029
63.711	-0.029
63.733	-0.029
63.756	-0.029
63.778	-0.029
63.800	-0.029
63.822	-0.029
63.844	-0.029
63.867	-0.029
63.889	-0.029
63.911	-0.029
63.933	-0.029
63.956	-0.029
63.978	-0.029
64.000	-0.029
64.022	-0.029

64.044	-0.029
64.067	-0.029
64.089	-0.029
64.111	-0.029
64.133	-0.029
64.156	-0.029
64.178	-0.029
64.200	-0.029
64.222	-0.029
64.244	-0.029
64.267	-0.029
64.289	-0.029
64.311	-0.029
64.333	-0.029
64.356	-0.029
64.378	-0.029
64.400	-0.029
64.422	-0.029
64.444	-0.029
64.467	-0.029
64.489	-0.029
64.511	-0.029
64.533	-0.029
64.556	-0.029
64.578	-0.029
64.600	-0.029
64.622	-0.029
64.644	-0.029
64.667	-0.029
64.689	-0.029
64.711	-0.029
64.733	-0.029
64.756	-0.029
64.778	-0.029
64.800	-0.029
64.822	-0.029
64.844	-0.029
64.867	-0.029
64.889	-0.029
64.911	-0.029
64.933	-0.029
64.956	-0.029
64.978	-0.029
65.000	-0.029
65.022	-0.029
65.044	-0.029
65.067	-0.029
65.089	-0.029
65.111	-0.029
65.133	-0.029
65.156	-0.029
65.178	-0.029
65.200	-0.029
65.222	-0.029
65.244	-0.029
65.267	-0.029
65.289	-0.029
65.311	-0.029
65.333	-0.029
65.356	-0.029
65.378	-0.029
65.400	-0.028
65.422	-0.028
65.444	-0.028
65.467	-0.028

65.489	-0.028
65.511	-0.028
65.533	-0.028
65.556	-0.028
65.578	-0.028
65.600	-0.028
65.622	-0.028
65.644	-0.028
65.667	-0.028
65.689	-0.028
65.711	-0.028
65.733	-0.028
65.756	-0.028
65.778	-0.028
65.800	-0.028
65.822	-0.028
65.844	-0.028
65.867	-0.028
65.889	-0.028
65.911	-0.028
65.933	-0.028
65.956	-0.028
65.978	-0.028
66.000	-0.028
66.022	-0.028
66.044	-0.028
66.067	-0.028
66.089	-0.028
66.111	-0.028
66.133	-0.028
66.156	-0.028
66.178	-0.028
66.200	-0.028
66.222	-0.028
66.244	-0.028
66.267	-0.028
66.289	-0.028
66.311	-0.028
66.333	-0.028
66.356	-0.028
66.378	-0.028
66.400	-0.028
66.422	-0.028
66.444	-0.028
66.467	-0.028
66.489	-0.028
66.511	-0.028
66.533	-0.028
66.556	-0.028
66.578	-0.028
66.600	-0.028
66.622	-0.028
66.644	-0.028
66.667	-0.028
66.689	-0.028
66.711	-0.028
66.733	-0.028
66.756	-0.028
66.778	-0.028
66.800	-0.028
66.822	-0.028
66.844	-0.028
66.867	-0.028
66.889	-0.028
66.911	-0.028

66.933	-0.028
66.956	-0.028
66.978	-0.028
67.000	-0.028
67.022	-0.028
67.044	-0.028
67.067	-0.028
67.089	-0.028
67.111	-0.028
67.133	-0.028
67.156	-0.028
67.178	-0.028
67.200	-0.028
67.222	-0.028
67.244	-0.028
67.267	-0.028
67.289	-0.028
67.311	-0.028
67.333	-0.028
67.356	-0.028
67.378	-0.028
67.400	-0.028
67.422	-0.028
67.444	-0.028
67.467	-0.028
67.489	-0.028
67.511	-0.028
67.533	-0.028
67.556	-0.028
67.578	-0.028
67.600	-0.028
67.622	-0.028
67.644	-0.028
67.667	-0.028
67.689	-0.028
67.711	-0.028
67.733	-0.028
67.756	-0.028
67.778	-0.028
67.800	-0.028
67.822	-0.028
67.844	-0.028
67.867	-0.028
67.889	-0.028
67.911	-0.028
67.933	-0.028
67.956	-0.028
67.978	-0.028
68.000	-0.028
68.022	-0.028
68.044	-0.028
68.067	-0.028
68.089	-0.028
68.111	-0.028
68.133	-0.028
68.156	-0.028
68.178	-0.028
68.200	-0.028
68.222	-0.028
68.244	-0.028
68.267	-0.028
68.289	-0.028
68.311	-0.028
68.333	-0.028
68.356	-0.028

68.378	-0.028
68.400	-0.028
68.422	-0.028
68.444	-0.028
68.467	-0.028
68.489	-0.028
68.511	-0.028
68.533	-0.028
68.556	-0.028
68.578	-0.028
68.600	-0.028
68.622	-0.028
68.644	-0.028
68.667	-0.028
68.689	-0.028
68.711	-0.028
68.733	-0.028
68.756	-0.028
68.778	-0.028
68.800	-0.028
68.822	-0.028
68.844	-0.028
68.867	-0.028
68.889	-0.028
68.911	-0.028
68.933	-0.028
68.956	-0.028
68.978	-0.028
69.000	-0.028
69.022	-0.028
69.044	-0.028
69.067	-0.028
69.089	-0.028
69.111	-0.028
69.133	-0.028
69.156	-0.028
69.178	-0.028
69.200	-0.028
69.222	-0.028
69.244	-0.028
69.267	-0.028
69.289	-0.028
69.311	-0.028
69.333	-0.028
69.356	-0.028
69.378	-0.028
69.400	-0.028
69.422	-0.028
69.444	-0.028
69.467	-0.028
69.489	-0.028
69.511	-0.028
69.533	-0.028
69.556	-0.028
69.578	-0.028
69.600	-0.028
69.622	-0.028
69.644	-0.028
69.667	-0.028
69.689	-0.028
69.711	-0.028
69.733	-0.028
69.756	-0.028
69.778	-0.028
69.800	-0.028

69.822	-0.028
69.844	-0.028
69.867	-0.028
69.889	-0.028
69.911	-0.028
69.933	-0.028
69.956	-0.028
69.978	-0.028
70.000	-0.028
70.022	-0.028
70.044	-0.028
70.067	-0.028
70.089	-0.028
70.111	-0.028
70.133	-0.028
70.156	-0.028
70.178	-0.028
70.200	-0.028
70.222	-0.028
70.244	-0.028
70.267	-0.028
70.289	-0.028
70.311	-0.028
70.333	-0.028
70.356	-0.028
70.378	-0.028
70.400	-0.028
70.422	-0.028
70.444	-0.028
70.467	-0.028
70.489	-0.028
70.511	-0.028
70.533	-0.028
70.556	-0.028
70.578	-0.028
70.600	-0.028
70.622	-0.028
70.644	-0.028
70.667	-0.028
70.689	-0.028
70.711	-0.028
70.733	-0.028
70.756	-0.028
70.778	-0.028
70.800	-0.028
70.822	-0.028
70.844	-0.028
70.867	-0.028
70.889	-0.028
70.911	-0.028
70.933	-0.028
70.956	-0.028
70.978	-0.028
71.000	-0.028
71.022	-0.028
71.044	-0.028
71.067	-0.028
71.089	-0.028
71.111	-0.028
71.133	-0.028
71.156	-0.028
71.178	-0.028
71.200	-0.028
71.222	-0.028
71.244	-0.028

71.267	-0.028
71.289	-0.028
71.311	-0.028
71.333	-0.028
71.356	-0.028
71.378	-0.028
71.400	-0.028
71.422	-0.028
71.444	-0.028
71.467	-0.028
71.489	-0.028
71.511	-0.028
71.533	-0.028
71.556	-0.028
71.578	-0.028
71.600	-0.028
71.622	-0.028
71.644	-0.028
71.667	-0.028
71.689	-0.028
71.711	-0.028
71.733	-0.028
71.756	-0.028
71.778	-0.028
71.800	-0.028
71.822	-0.028
71.844	-0.028
71.867	-0.028
71.889	-0.028
71.911	-0.028
71.933	-0.028
71.956	-0.028
71.978	-0.028
72.000	-0.028
72.022	-0.028
72.044	-0.028
72.067	-0.028
72.089	-0.028
72.111	-0.028
72.133	-0.028
72.156	-0.028
72.178	-0.028
72.200	-0.028
72.222	-0.028
72.244	-0.027
72.267	-0.027
72.289	-0.027
72.311	-0.027
72.333	-0.027
72.356	-0.027
72.378	-0.027
72.400	-0.027
72.422	-0.027
72.444	-0.027
72.467	-0.026
72.489	-0.026
72.511	-0.026
72.533	-0.026
72.556	-0.026
72.578	-0.026
72.600	-0.026
72.622	-0.026
72.644	-0.026
72.667	-0.026
72.689	-0.026

72.711	-0.026
72.733	-0.026
72.756	-0.025
72.778	-0.025
72.800	-0.025
72.822	-0.025
72.844	-0.025
72.867	-0.025
72.889	-0.025
72.911	-0.025
72.933	-0.025
72.956	-0.025
72.978	-0.025
73.000	-0.025
73.022	-0.025
73.044	-0.025
73.067	-0.025
73.089	-0.025
73.111	-0.025
73.133	-0.025
73.156	-0.025
73.178	-0.025
73.200	-0.025
73.222	-0.025
73.244	-0.024
73.267	-0.024
73.289	-0.024
73.311	-0.024
73.333	-0.024
73.356	-0.024
73.378	-0.024
73.400	-0.024
73.422	-0.024
73.444	-0.024
73.467	-0.024
73.489	-0.024
73.511	-0.024
73.533	-0.024
73.556	-0.024
73.578	-0.024
73.600	-0.024
73.622	-0.024
73.644	-0.024
73.667	-0.024
73.689	-0.024
73.711	-0.024
73.733	-0.024
73.756	-0.024
73.778	-0.024
73.800	-0.024
73.822	-0.024
73.844	-0.024
73.867	-0.024
73.889	-0.024
73.911	-0.024
73.933	-0.023
73.956	-0.023
73.978	-0.023
74.000	-0.023
74.022	-0.023
74.044	-0.023
74.067	-0.023
74.089	-0.023
74.111	-0.023
74.133	-0.023

74.156	-0.023
74.178	-0.023
74.200	-0.023
74.222	-0.023
74.244	-0.023
74.267	-0.023
74.289	-0.023
74.311	-0.023
74.333	-0.023
74.356	-0.023
74.378	-0.023
74.400	-0.023
74.422	-0.023
74.444	-0.023
74.467	-0.023
74.489	-0.023
74.511	-0.023
74.533	-0.023
74.556	-0.023
74.578	-0.023
74.600	-0.023
74.622	-0.023
74.644	-0.023
74.667	-0.023
74.689	-0.023
74.711	-0.023
74.733	-0.023
74.756	-0.023
74.778	-0.023
74.800	-0.023
74.822	-0.023
74.844	-0.023
74.867	-0.022
74.889	-0.022
74.911	-0.022
74.933	-0.022
74.956	-0.022
74.978	-0.022
75.000	-0.022
75.022	-0.022
75.044	-0.022
75.067	-0.022
75.089	-0.022
75.111	-0.022
75.133	-0.022
75.156	-0.022
75.178	-0.022
75.200	-0.022
75.222	-0.022
75.244	-0.022
75.267	-0.022
75.289	-0.022
75.311	-0.022
75.333	-0.022
75.356	-0.022
75.378	-0.022
75.400	-0.022
75.422	-0.022
75.444	-0.022
75.467	-0.022
75.489	-0.022
75.511	-0.022
75.533	-0.022
75.556	-0.022
75.578	-0.022

75.600	-0.022
75.622	-0.022
75.644	-0.022
75.667	-0.022
75.689	-0.022
75.711	-0.022
75.733	-0.022
75.756	-0.022
75.778	-0.022
75.800	-0.022
75.822	-0.022
75.844	-0.022
75.867	-0.022
75.889	-0.022
75.911	-0.022
75.933	-0.022
75.956	-0.022
75.978	-0.022
76.000	-0.022
76.022	-0.022
76.044	-0.022
76.067	-0.022
76.089	-0.021
76.111	-0.021
76.133	-0.021
76.156	-0.021
76.178	-0.021
76.200	-0.021
76.222	-0.021
76.244	-0.021
76.267	-0.021
76.289	-0.021
76.311	-0.021
76.333	-0.021
76.356	-0.021
76.378	-0.021
76.400	-0.021
76.422	-0.021
76.444	-0.021
76.467	-0.021
76.489	-0.021
76.511	-0.021
76.533	-0.021
76.556	-0.021
76.578	-0.021
76.600	-0.021
76.622	-0.021
76.644	-0.021
76.667	-0.021
76.689	-0.021
76.711	-0.021
76.733	-0.021
76.756	-0.021
76.778	-0.021
76.800	-0.021
76.822	-0.021
76.844	-0.021
76.867	-0.021
76.889	-0.021
76.911	-0.021
76.933	-0.021
76.956	-0.021
76.978	-0.021
77.000	-0.021
77.022	-0.021

77.044	-0.021
77.067	-0.021
77.089	-0.021
77.111	-0.021
77.133	-0.021
77.156	-0.021
77.178	-0.021
77.200	-0.021
77.222	-0.021
77.244	-0.021
77.267	-0.021
77.289	-0.021
77.311	-0.021
77.333	-0.021
77.356	-0.021
77.378	-0.021
77.400	-0.021
77.422	-0.021
77.444	-0.021
77.467	-0.021
77.489	-0.021
77.511	-0.021
77.533	-0.021
77.556	-0.021
77.578	-0.021
77.600	-0.021
77.622	-0.021
77.644	-0.021
77.667	-0.020
77.689	-0.020
77.711	-0.020
77.733	-0.020
77.756	-0.020
77.778	-0.020
77.800	-0.020
77.822	-0.020
77.844	-0.020
77.867	-0.020
77.889	-0.020
77.911	-0.020
77.933	-0.020
77.956	-0.020
77.978	-0.020
78.000	-0.020
78.022	-0.020
78.044	-0.020
78.067	-0.020
78.089	-0.020
78.111	-0.020
78.133	-0.020
78.156	-0.020
78.178	-0.020
78.200	-0.020
78.222	-0.020
78.244	-0.020
78.267	-0.020
78.289	-0.020
78.311	-0.020
78.333	-0.020
78.356	-0.020
78.378	-0.020
78.400	-0.020
78.422	-0.020
78.444	-0.020
78.467	-0.020

78.489	-0.020
78.511	-0.020
78.533	-0.020
78.556	-0.020
78.578	-0.020
78.600	-0.020
78.622	-0.020
78.644	-0.020
78.667	-0.020
78.689	-0.020
78.711	-0.020
78.733	-0.020
78.756	-0.020
78.778	-0.020
78.800	-0.020
78.822	-0.020
78.844	-0.020
78.867	-0.020
78.889	-0.020
78.911	-0.020
78.933	-0.020
78.956	-0.020
78.978	-0.020
79.000	-0.020
79.022	-0.020
79.044	-0.020
79.067	-0.020
79.089	-0.020
79.111	-0.020
79.133	-0.020
79.156	-0.020
79.178	-0.020
79.200	-0.020
79.222	-0.020
79.244	-0.020
79.267	-0.020
79.289	-0.020
79.311	-0.020
79.333	-0.020
79.356	-0.020
79.378	-0.020
79.400	-0.020
79.422	-0.020
79.444	-0.020
79.467	-0.020
79.489	-0.020
79.511	-0.020
79.533	-0.020
79.556	-0.020
79.578	-0.020
79.600	-0.020
79.622	-0.020
79.644	-0.019
79.667	-0.019
79.689	-0.019
79.711	-0.019
79.733	-0.019
79.756	-0.019
79.778	-0.019
79.800	-0.019
79.822	-0.019
79.844	-0.019
79.867	-0.019
79.889	-0.019
79.911	-0.019

79.933	-0.019
79.956	-0.019
79.978	-0.019
80.000	-0.019
80.022	-0.019
80.044	-0.019
80.067	-0.019
80.089	-0.019
80.111	-0.019
80.133	-0.019
80.156	-0.019
80.178	-0.019
80.200	-0.019
80.222	-0.019
80.244	-0.019
80.267	-0.019
80.289	-0.019
80.311	-0.019
80.333	-0.019
80.356	-0.019
80.378	-0.019
80.400	-0.019
80.422	-0.019
80.444	-0.019
80.467	-0.019
80.489	-0.019
80.511	-0.019
80.533	-0.019
80.556	-0.019
80.578	-0.019
80.600	-0.019
80.622	-0.019
80.644	-0.019
80.667	-0.019
80.689	-0.019
80.711	-0.019
80.733	-0.019
80.756	-0.019
80.778	-0.019
80.800	-0.019
80.822	-0.019
80.844	-0.019
80.867	-0.019
80.889	-0.019
80.911	-0.019
80.933	-0.019
80.956	-0.019
80.978	-0.019
81.000	-0.019
81.022	-0.019
81.044	-0.019
81.067	-0.019
81.089	-0.019
81.111	-0.019
81.133	-0.019
81.156	-0.019
81.178	-0.019
81.200	-0.019
81.222	-0.019
81.244	-0.019
81.267	-0.019
81.289	-0.019
81.311	-0.019
81.333	-0.019
81.356	-0.019

81.378	-0.019
81.400	-0.019
81.422	-0.019
81.444	-0.019
81.467	-0.019
81.489	-0.019
81.511	-0.019
81.533	-0.019
81.556	-0.019
81.578	-0.019
81.600	-0.019
81.622	-0.019
81.644	-0.019
81.667	-0.019
81.689	-0.019
81.711	-0.019
81.733	-0.019
81.756	-0.019
81.778	-0.019
81.800	-0.019
81.822	-0.019
81.844	-0.019
81.867	-0.019
81.889	-0.019
81.911	-0.019
81.933	-0.019
81.956	-0.019
81.978	-0.019
82.000	-0.019
82.022	-0.019
82.044	-0.019
82.067	-0.019
82.089	-0.019
82.111	-0.019
82.133	-0.019
82.156	-0.019
82.178	-0.019
82.200	-0.019
82.222	-0.019
82.244	-0.019
82.267	-0.019
82.289	-0.019
82.311	-0.019
82.333	-0.019
82.356	-0.019
82.378	-0.019
82.400	-0.019
82.422	-0.019
82.444	-0.019
82.467	-0.019
82.489	-0.019
82.511	-0.019
82.533	-0.019
82.556	-0.019
82.578	-0.019
82.600	-0.019
82.622	-0.019
82.644	-0.019
82.667	-0.019
82.689	-0.019
82.711	-0.019
82.733	-0.019
82.756	-0.019
82.778	-0.019
82.800	-0.019

82.822	-0.019
82.844	-0.018
82.867	-0.018
82.889	-0.018
82.911	-0.018
82.933	-0.018
82.956	-0.018
82.978	-0.018
83.000	-0.018
83.022	-0.018
83.044	-0.018
83.067	-0.018
83.089	-0.018
83.111	-0.018
83.133	-0.018
83.156	-0.018
83.178	-0.018
83.200	-0.018
83.222	-0.018
83.244	-0.018
83.267	-0.018
83.289	-0.018
83.311	-0.018
83.333	-0.018
83.356	-0.018
83.378	-0.018
83.400	-0.018
83.422	-0.018
83.444	-0.018
83.467	-0.018
83.489	-0.018
83.511	-0.018
83.533	-0.018
83.556	-0.018
83.578	-0.018
83.600	-0.018
83.622	-0.018
83.644	-0.018
83.667	-0.018
83.689	-0.018
83.711	-0.018
83.733	-0.018
83.756	-0.018
83.778	-0.018
83.800	-0.018
83.822	-0.018
83.844	-0.018
83.867	-0.018
83.889	-0.018
83.911	-0.018
83.933	-0.018
83.956	-0.018
83.978	-0.018
84.000	-0.018
84.022	-0.018
84.044	-0.018
84.067	-0.018
84.089	-0.018
84.111	-0.018
84.133	-0.018
84.156	-0.018
84.178	-0.018
84.200	-0.018
84.222	-0.018
84.244	-0.018

84.267	-0.018
84.289	-0.018
84.311	-0.018
84.333	-0.018
84.356	-0.018
84.378	-0.018
84.400	-0.018
84.422	-0.018
84.444	-0.018
84.467	-0.018
84.489	-0.018
84.511	-0.018
84.533	-0.018
84.556	-0.018
84.578	-0.018
84.600	-0.018
84.622	-0.018
84.644	-0.018
84.667	-0.018
84.689	-0.018
84.711	-0.018
84.733	-0.018
84.756	-0.018
84.778	-0.018
84.800	-0.018
84.822	-0.018
84.844	-0.018
84.867	-0.018
84.889	-0.018
84.911	-0.018
84.933	-0.018
84.956	-0.018
84.978	-0.018
85.000	-0.018
85.022	-0.018
85.044	-0.018
85.067	-0.018
85.089	-0.018
85.111	-0.018
85.133	-0.018
85.156	-0.018
85.178	-0.018
85.200	-0.018
85.222	-0.018
85.244	-0.018
85.267	-0.018
85.289	-0.018
85.311	-0.018
85.333	-0.018
85.356	-0.018
85.378	-0.018
85.400	-0.018
85.422	-0.018
85.444	-0.018
85.467	-0.018
85.489	-0.018
85.511	-0.018
85.533	-0.018
85.556	-0.018
85.578	-0.018
85.600	-0.018
85.622	-0.018
85.644	-0.018
85.667	-0.018
85.689	-0.018

85.711	-0.018
85.733	-0.018
85.756	-0.018
85.778	-0.018
85.800	-0.018
85.822	-0.018
85.844	-0.018
85.867	-0.018
85.889	-0.018
85.911	-0.018
85.933	-0.018
85.956	-0.018
85.978	-0.018
86.000	-0.018
86.022	-0.018
86.044	-0.018
86.067	-0.018
86.089	-0.018
86.111	-0.018
86.133	-0.018
86.156	-0.018
86.178	-0.018
86.200	-0.018
86.222	-0.018
86.244	-0.018
86.267	-0.018
86.289	-0.018
86.311	-0.018
86.333	-0.018
86.356	-0.018
86.378	-0.018
86.400	-0.018
86.422	-0.018
86.444	-0.018
86.467	-0.018
86.489	-0.018
86.511	-0.018
86.533	-0.018
86.556	-0.018
86.578	-0.018
86.600	-0.018
86.622	-0.018
86.644	-0.018
86.667	-0.018
86.689	-0.018
86.711	-0.018
86.733	-0.017
86.756	-0.017
86.778	-0.017
86.800	-0.017
86.822	-0.017
86.844	-0.017
86.867	-0.017
86.889	-0.017
86.911	-0.017
86.933	-0.017
86.956	-0.017
86.978	-0.017
87.000	-0.017
87.022	-0.017
87.044	-0.017
87.067	-0.017
87.089	-0.017
87.111	-0.017
87.133	-0.017

87.156	-0.017
87.178	-0.017
87.200	-0.017
87.222	-0.017
87.244	-0.017
87.267	-0.017
87.289	-0.017
87.311	-0.017
87.333	-0.017
87.356	-0.017
87.378	-0.017
87.400	-0.017
87.422	-0.017
87.444	-0.017
87.467	-0.017
87.489	-0.017
87.511	-0.017
87.533	-0.017
87.556	-0.017
87.578	-0.017
87.600	-0.017
87.622	-0.017
87.644	-0.017
87.667	-0.017
87.689	-0.017
87.711	-0.017
87.733	-0.017
87.756	-0.017
87.778	-0.017
87.800	-0.017
87.822	-0.017
87.844	-0.017
87.867	-0.017
87.889	-0.017
87.911	-0.017
87.933	-0.017
87.956	-0.017
87.978	-0.017
88.000	-0.017
88.022	-0.017
88.044	-0.017
88.067	-0.017
88.089	-0.017
88.111	-0.017
88.133	-0.017
88.156	-0.017
88.178	-0.017
88.200	-0.017
88.222	-0.017
88.244	-0.017
88.267	-0.017
88.289	-0.017
88.311	-0.017
88.333	-0.017
88.356	-0.017
88.378	-0.017
88.400	-0.017
88.422	-0.017
88.444	-0.017
88.467	-0.017
88.489	-0.017
88.511	-0.017
88.533	-0.017
88.556	-0.017
88.578	-0.017

88.600	-0.017
88.622	-0.017
88.644	-0.017
88.667	-0.017
88.689	-0.017
88.711	-0.017
88.733	-0.017
88.756	-0.017
88.778	-0.017
88.800	-0.017
88.822	-0.017
88.844	-0.017
88.867	-0.017
88.889	-0.017
88.911	-0.017
88.933	-0.017
88.956	-0.017
88.978	-0.017
89.000	-0.017
89.022	-0.017
89.044	-0.017
89.067	-0.017
89.089	-0.017
89.111	-0.017
89.133	-0.017
89.156	-0.017
89.178	-0.017
89.200	-0.017
89.222	-0.017
89.244	-0.017
89.267	-0.017
89.289	-0.017
89.311	-0.017
89.333	-0.017
89.356	-0.017
89.378	-0.017
89.400	-0.017
89.422	-0.017
89.444	-0.017
89.467	-0.017
89.489	-0.017
89.511	-0.017
89.533	-0.017
89.556	-0.017
89.578	-0.017
89.600	-0.017
89.622	-0.017
89.644	-0.017
89.667	-0.017
89.689	-0.017
89.711	-0.017
89.733	-0.017
89.756	-0.017
89.778	-0.017
89.800	-0.017
89.822	-0.017
89.844	-0.017
89.867	-0.017
89.889	-0.017
89.911	-0.017
89.933	-0.017
89.956	-0.017
89.978	-0.017
90.000	-0.017
90.022	-0.017

90.044	-0.017
90.067	-0.017
90.089	-0.017
90.111	-0.017
90.133	-0.017
90.156	-0.017
90.178	-0.017
90.200	-0.017
90.222	-0.017
90.244	-0.017
90.267	-0.017
90.289	-0.017
90.311	-0.017
90.333	-0.017
90.356	-0.017
90.378	-0.017
90.400	-0.017
90.422	-0.017
90.444	-0.017
90.467	-0.017
90.489	-0.017
90.511	-0.017
90.533	-0.017
90.556	-0.017
90.578	-0.017
90.600	-0.017
90.622	-0.016
90.644	-0.016
90.667	-0.016
90.689	-0.016
90.711	-0.016
90.733	-0.016
90.756	-0.016
90.778	-0.016
90.800	-0.016
90.822	-0.016
90.844	-0.016
90.867	-0.016
90.889	-0.016
90.911	-0.016
90.933	-0.016
90.956	-0.016
90.978	-0.016
91.000	-0.016
91.022	-0.016
91.044	-0.016
91.067	-0.016
91.089	-0.016
91.111	-0.016
91.133	-0.016
91.156	-0.016
91.178	-0.016
91.200	-0.016
91.222	-0.016
91.244	-0.016
91.267	-0.016
91.289	-0.016
91.311	-0.016
91.333	-0.016
91.356	-0.016
91.378	-0.016
91.400	-0.016
91.422	-0.016
91.444	-0.016
91.467	-0.016

91.489	-0.016
91.511	-0.016
91.533	-0.016
91.556	-0.016
91.578	-0.016
91.600	-0.016
91.622	-0.016
91.644	-0.016
91.667	-0.016
91.689	-0.016
91.711	-0.016
91.733	-0.016
91.756	-0.016
91.778	-0.016
91.800	-0.016
91.822	-0.016
91.844	-0.016
91.867	-0.016
91.889	-0.016
91.911	-0.016
91.933	-0.016
91.956	-0.016
91.978	-0.016
92.000	-0.016
92.022	-0.016
92.044	-0.016
92.067	-0.016
92.089	-0.016
92.111	-0.016
92.133	-0.016
92.156	-0.016
92.178	-0.016
92.200	-0.016
92.222	-0.016
92.244	-0.016
92.267	-0.016
92.289	-0.016
92.311	-0.016
92.333	-0.016
92.356	-0.016
92.378	-0.016
92.400	-0.016
92.422	-0.016
92.444	-0.016
92.467	-0.016
92.489	-0.016
92.511	-0.016
92.533	-0.016
92.556	-0.016
92.578	-0.016
92.600	-0.016
92.622	-0.016
92.644	-0.016
92.667	-0.016
92.689	-0.016
92.711	-0.016
92.733	-0.016
92.756	-0.016
92.778	-0.016
92.800	-0.016
92.822	-0.016
92.844	-0.016
92.867	-0.016
92.889	-0.016
92.911	-0.016

92.933	-0.016
92.956	-0.016
92.978	-0.016
93.000	-0.016
93.022	-0.016
93.044	-0.016
93.067	-0.016
93.089	-0.016
93.111	-0.016
93.133	-0.016
93.156	-0.016
93.178	-0.016
93.200	-0.016
93.222	-0.016
93.244	-0.016
93.267	-0.016
93.289	-0.016
93.311	-0.016
93.333	-0.016
93.356	-0.016
93.378	-0.016
93.400	-0.016
93.422	-0.016
93.444	-0.016
93.467	-0.016
93.489	-0.016
93.511	-0.016
93.533	-0.016
93.556	-0.016
93.578	-0.016
93.600	-0.016
93.622	-0.016
93.644	-0.016
93.667	-0.016
93.689	-0.016
93.711	-0.016
93.733	-0.016
93.756	-0.016
93.778	-0.016
93.800	-0.016
93.822	-0.016
93.844	-0.016
93.867	-0.016
93.889	-0.016
93.911	-0.016
93.933	-0.016
93.956	-0.016
93.978	-0.016
94.000	-0.016
94.022	-0.016
94.044	-0.016
94.067	-0.016
94.089	-0.016
94.111	-0.016
94.133	-0.016
94.156	-0.016
94.178	-0.016
94.200	-0.016
94.222	-0.016
94.244	-0.016
94.267	-0.016
94.289	-0.016
94.311	-0.016
94.333	-0.016
94.356	-0.016

94.378	-0.016
94.400	-0.016
94.422	-0.016
94.444	-0.016
94.467	-0.016
94.489	-0.016
94.511	-0.016
94.533	-0.016
94.556	-0.016
94.578	-0.016
94.600	-0.016
94.622	-0.016
94.644	-0.016
94.667	-0.016
94.689	-0.016
94.711	-0.016
94.733	-0.016
94.756	-0.016
94.778	-0.016
94.800	-0.016
94.822	-0.016
94.844	-0.016
94.867	-0.016
94.889	-0.016
94.911	-0.016
94.933	-0.016
94.956	-0.016
94.978	-0.016
95.000	-0.016
95.022	-0.016
95.044	-0.016
95.067	-0.016
95.089	-0.016
95.111	-0.016
95.133	-0.016
95.156	-0.016
95.178	-0.016
95.200	-0.016
95.222	-0.016
95.244	-0.016
95.267	-0.016
95.289	-0.016
95.311	-0.016
95.333	-0.016
95.356	-0.016
95.378	-0.016
95.400	-0.016
95.422	-0.016
95.444	-0.016
95.467	-0.016
95.489	-0.016
95.511	-0.016
95.533	-0.016
95.556	-0.016
95.578	-0.016
95.600	-0.016
95.622	-0.016
95.644	-0.016
95.667	-0.016
95.689	-0.016
95.711	-0.016
95.733	-0.016
95.756	-0.016
95.778	-0.016
95.800	-0.016

95.822	-0.016
95.844	-0.016
95.867	-0.016
95.889	-0.016
95.911	-0.016
95.933	-0.016
95.956	-0.016
95.978	-0.016
96.000	-0.016
96.022	-0.016
96.044	-0.016
96.067	-0.016
96.089	-0.016
96.111	-0.016
96.133	-0.016
96.156	-0.016
96.178	-0.016
96.200	-0.016
96.222	-0.016
96.244	-0.016
96.267	-0.016
96.289	-0.016
96.311	-0.016
96.333	-0.016
96.356	-0.016
96.378	-0.016
96.400	-0.016
96.422	-0.016
96.444	-0.016
96.467	-0.016
96.489	-0.016
96.511	-0.016
96.533	-0.016
96.556	-0.016
96.578	-0.016
96.600	-0.016
96.622	-0.016
96.644	-0.016
96.667	-0.016
96.689	-0.016
96.711	-0.016
96.733	-0.016
96.756	-0.016
96.778	-0.016
96.800	-0.016
96.822	-0.016
96.844	-0.016
96.867	-0.016
96.889	-0.016
96.911	-0.016
96.933	-0.016
96.956	-0.016
96.978	-0.016
97.000	-0.016
97.022	-0.016
97.044	-0.016
97.067	-0.016
97.089	-0.016
97.111	-0.016
97.133	-0.016
97.156	-0.016
97.178	-0.016
97.200	-0.016
97.222	-0.016
97.244	-0.016

97.267	-0.016
97.289	-0.016
97.311	-0.016
97.333	-0.016
97.356	-0.016
97.378	-0.016
97.400	-0.016
97.422	-0.016
97.444	-0.016
97.467	-0.016
97.489	-0.017
97.511	-0.017
97.533	-0.017
97.556	-0.017
97.578	-0.017
97.600	-0.017
97.622	-0.017
97.644	-0.017
97.667	-0.017
97.689	-0.017
97.711	-0.017
97.733	-0.017
97.756	-0.017
97.778	-0.017
97.800	-0.017
97.822	-0.017
97.844	-0.017
97.867	-0.017
97.889	-0.017
97.911	-0.017
97.933	-0.017
97.956	-0.017
97.978	-0.017
98.000	-0.017
98.022	-0.017
98.044	-0.017
98.067	-0.017
98.089	-0.017
98.111	-0.017
98.133	-0.017
98.156	-0.017
98.178	-0.017
98.200	-0.017
98.222	-0.017
98.244	-0.017
98.267	-0.017
98.289	-0.017
98.311	-0.017
98.333	-0.017
98.356	-0.017
98.378	-0.017
98.400	-0.017
98.422	-0.017
98.444	-0.017
98.467	-0.017
98.489	-0.017
98.511	-0.017
98.533	-0.017
98.556	-0.017
98.578	-0.017
98.600	-0.017
98.622	-0.017
98.644	-0.017
98.667	-0.017
98.689	-0.017

98.711	-0.017
98.733	-0.017
98.756	-0.017
98.778	-0.017
98.800	-0.017
98.822	-0.017
98.844	-0.017
98.867	-0.017
98.889	-0.017
98.911	-0.017
98.933	-0.017
98.956	-0.017
98.978	-0.017
99.000	-0.017
99.022	-0.017
99.044	-0.017
99.067	-0.017
99.089	-0.017
99.111	-0.017
99.133	-0.017
99.156	-0.017
99.178	-0.017
99.200	-0.017
99.222	-0.017
99.244	-0.017
99.267	-0.017
99.289	-0.017
99.311	-0.017
99.333	-0.017
99.356	-0.017
99.378	-0.017
99.400	-0.017
99.422	-0.017
99.444	-0.017
99.467	-0.017
99.489	-0.017
99.511	-0.017
99.533	-0.017
99.556	-0.017
99.578	-0.017
99.600	-0.017
99.622	-0.017
99.644	-0.017
99.667	-0.017
99.689	-0.017
99.711	-0.017
99.733	-0.017
99.756	-0.017
99.778	-0.017
99.800	-0.017
99.822	-0.017
99.844	-0.017
99.867	-0.017
99.889	-0.017
99.911	-0.017
99.933	-0.017
99.956	-0.017
99.978	-0.017
100.000	-0.017
100.022	-0.017
100.044	-0.017
100.067	-0.017
100.089	-0.017
100.111	-0.017
100.133	-0.017

100.156	-0.017
100.178	-0.017
100.200	-0.017
100.222	-0.017
100.244	-0.017
100.267	-0.017
100.289	-0.017
100.311	-0.017
100.333	-0.017
100.356	-0.017
100.378	-0.017
100.400	-0.017
100.422	-0.017
100.444	-0.017
100.467	-0.017
100.489	-0.017
100.511	-0.017
100.533	-0.017
100.556	-0.017
100.578	-0.017
100.600	-0.017
100.622	-0.017
100.644	-0.017
100.667	-0.017
100.689	-0.017
100.711	-0.017
100.733	-0.017
100.756	-0.017
100.778	-0.017
100.800	-0.017
100.822	-0.017
100.844	-0.017
100.867	-0.017
100.889	-0.017
100.911	-0.017
100.933	-0.017
100.956	-0.017
100.978	-0.017
101.000	-0.017
101.022	-0.017
101.044	-0.017
101.067	-0.017
101.089	-0.017
101.111	-0.017
101.133	-0.017
101.156	-0.017
101.178	-0.017
101.200	-0.017
101.222	-0.017
101.244	-0.017
101.267	-0.017
101.289	-0.017
101.311	-0.017
101.333	-0.017
101.356	-0.017
101.378	-0.017
101.400	-0.017
101.422	-0.017
101.444	-0.017
101.467	-0.017
101.489	-0.017
101.511	-0.017
101.533	-0.017
101.556	-0.017
101.578	-0.017

101.600	-0.017
101.622	-0.017
101.644	-0.017
101.667	-0.017
101.689	-0.017
101.711	-0.017
101.733	-0.017
101.756	-0.017
101.778	-0.017
101.800	-0.017
101.822	-0.017
101.844	-0.017
101.867	-0.017
101.889	-0.017
101.911	-0.017
101.933	-0.017
101.956	-0.017
101.978	-0.017
102.000	-0.017
102.022	-0.017
102.044	-0.017
102.067	-0.017
102.089	-0.017
102.111	-0.017
102.133	-0.017
102.156	-0.017
102.178	-0.017
102.200	-0.017
102.222	-0.017
102.244	-0.017
102.267	-0.017
102.289	-0.017
102.311	-0.017
102.333	-0.017
102.356	-0.017
102.378	-0.017
102.400	-0.017
102.422	-0.017
102.444	-0.017
102.467	-0.017
102.489	-0.017
102.511	-0.017
102.533	-0.017
102.556	-0.017
102.578	-0.017
102.600	-0.017
102.622	-0.017
102.644	-0.017
102.667	-0.017
102.689	-0.017
102.711	-0.017
102.733	-0.017
102.756	-0.017
102.778	-0.017
102.800	-0.017
102.822	-0.017
102.844	-0.017
102.867	-0.017
102.889	-0.017
102.911	-0.017
102.933	-0.017
102.956	-0.017
102.978	-0.017
103.000	-0.017
103.022	-0.017

103.044	-0.017
103.067	-0.017
103.089	-0.017
103.111	-0.017
103.133	-0.017
103.156	-0.017
103.178	-0.017
103.200	-0.017
103.222	-0.017
103.244	-0.017
103.267	-0.017
103.289	-0.017
103.311	-0.017
103.333	-0.017
103.356	-0.017
103.378	-0.017
103.400	-0.017
103.422	-0.017
103.444	-0.017
103.467	-0.017
103.489	-0.017
103.511	-0.017
103.533	-0.017
103.556	-0.017
103.578	-0.017
103.600	-0.017
103.622	-0.017
103.644	-0.017
103.667	-0.017
103.689	-0.017
103.711	-0.017
103.733	-0.017
103.756	-0.017
103.778	-0.017
103.800	-0.017
103.822	-0.017
103.844	-0.017
103.867	-0.017
103.889	-0.017
103.911	-0.017
103.933	-0.017
103.956	-0.017
103.978	-0.017
104.000	-0.017
104.022	-0.017
104.044	-0.017
104.067	-0.017
104.089	-0.017
104.111	-0.017
104.133	-0.017
104.156	-0.017
104.178	-0.017
104.200	-0.017
104.222	-0.017
104.244	-0.017
104.267	-0.017
104.289	-0.017
104.311	-0.017
104.333	-0.017
104.356	-0.017
104.378	-0.017
104.400	-0.017
104.422	-0.017
104.444	-0.017
104.467	-0.017

104.489	-0.017
104.511	-0.017
104.533	-0.017
104.556	-0.017
104.578	-0.017
104.600	-0.017
104.622	-0.017
104.644	-0.017
104.667	-0.017
104.689	-0.017
104.711	-0.017
104.733	-0.017
104.756	-0.017
104.778	-0.017
104.800	-0.017
104.822	-0.017
104.844	-0.017
104.867	-0.017
104.889	-0.017
104.911	-0.017
104.933	-0.017
104.956	-0.017
104.978	-0.017
105.000	-0.017
105.022	-0.017
105.044	-0.017
105.067	-0.017
105.089	-0.017
105.111	-0.017
105.133	-0.017
105.156	-0.017
105.178	-0.017
105.200	-0.017
105.222	-0.017
105.244	-0.017
105.267	-0.017
105.289	-0.017
105.311	-0.017
105.333	-0.017
105.356	-0.017
105.378	-0.017
105.400	-0.017
105.422	-0.017
105.444	-0.017
105.467	-0.017
105.489	-0.017
105.511	-0.017
105.533	-0.017
105.556	-0.017
105.578	-0.017
105.600	-0.017
105.622	-0.017
105.644	-0.017
105.667	-0.017
105.689	-0.017
105.711	-0.017
105.733	-0.017
105.756	-0.017
105.778	-0.017
105.800	-0.017
105.822	-0.017
105.844	-0.017
105.867	-0.017
105.889	-0.017
105.911	-0.017

105.933	-0.017
105.956	-0.017
105.978	-0.017
106.000	-0.017
106.022	-0.017
106.044	-0.017
106.067	-0.017
106.089	-0.017
106.111	-0.017
106.133	-0.017
106.156	-0.017
106.178	-0.017
106.200	-0.017
106.222	-0.017
106.244	-0.017
106.267	-0.017
106.289	-0.017
106.311	-0.017
106.333	-0.017
106.356	-0.017
106.378	-0.017
106.400	-0.017
106.422	-0.017
106.444	-0.017
106.467	-0.017
106.489	-0.017
106.511	-0.017
106.533	-0.017
106.556	-0.017
106.578	-0.017
106.600	-0.017
106.622	-0.017
106.644	-0.017
106.667	-0.017
106.689	-0.017
106.711	-0.017
106.733	-0.017
106.756	-0.017
106.778	-0.017
106.800	-0.017
106.822	-0.017
106.844	-0.017
106.867	-0.017
106.889	-0.017
106.911	-0.017
106.933	-0.017
106.956	-0.017
106.978	-0.017
107.000	-0.017
107.022	-0.017
107.044	-0.017
107.067	-0.017
107.089	-0.017
107.111	-0.017
107.133	-0.017
107.156	-0.017
107.178	-0.017
107.200	-0.017
107.222	-0.017
107.244	-0.017
107.267	-0.017
107.289	-0.017
107.311	-0.017
107.333	-0.017
107.356	-0.017

107.378	-0.017
107.400	-0.017
107.422	-0.017
107.444	-0.017
107.467	-0.017
107.489	-0.017
107.511	-0.017
107.533	-0.017
107.556	-0.017
107.578	-0.017
107.600	-0.017
107.622	-0.017
107.644	-0.017
107.667	-0.017
107.689	-0.017
107.711	-0.017
107.733	-0.017
107.756	-0.017
107.778	-0.017
107.800	-0.017
107.822	-0.017
107.844	-0.017
107.867	-0.017
107.889	-0.017
107.911	-0.017
107.933	-0.017
107.956	-0.017
107.978	-0.017
108.000	-0.017
108.022	-0.017
108.044	-0.017
108.067	-0.017
108.089	-0.017
108.111	-0.017
108.133	-0.017
108.156	-0.017
108.178	-0.017
108.200	-0.017
108.222	-0.017
108.244	-0.017
108.267	-0.017
108.289	-0.017
108.311	-0.017
108.333	-0.017
108.356	-0.017
108.378	-0.017
108.400	-0.017
108.422	-0.017
108.444	-0.017
108.467	-0.017
108.489	-0.017
108.511	-0.017
108.533	-0.017
108.556	-0.017
108.578	-0.017
108.600	-0.017
108.622	-0.017
108.644	-0.017
108.667	-0.017
108.689	-0.017
108.711	-0.017
108.733	-0.017
108.756	-0.017
108.778	-0.017
108.800	-0.017

108.822	-0.017
108.844	-0.017
108.867	-0.017
108.889	-0.017
108.911	-0.017
108.933	-0.017
108.956	-0.017
108.978	-0.017
109.000	-0.017
109.022	-0.017
109.044	-0.017
109.067	-0.017
109.089	-0.017
109.111	-0.017
109.133	-0.017
109.156	-0.017
109.178	-0.017
109.200	-0.017
109.222	-0.017
109.244	-0.017
109.267	-0.017
109.289	-0.017
109.311	-0.017
109.333	-0.017
109.356	-0.017
109.378	-0.017
109.400	-0.017
109.422	-0.017
109.444	-0.017
109.467	-0.017
109.489	-0.017
109.511	-0.017
109.533	-0.017
109.556	-0.017
109.578	-0.017
109.600	-0.017
109.622	-0.017
109.644	-0.017
109.667	-0.017
109.689	-0.017
109.711	-0.017
109.733	-0.017
109.756	-0.017
109.778	-0.017
109.800	-0.017
109.822	-0.017
109.844	-0.017
109.867	-0.017
109.889	-0.017
109.911	-0.017
109.933	-0.017
109.956	-0.017
109.978	-0.017
110.000	-0.017
110.022	-0.017
110.044	-0.017
110.067	-0.017
110.089	-0.017
110.111	-0.017
110.133	-0.017
110.156	-0.017
110.178	-0.017
110.200	-0.017
110.222	-0.017
110.244	-0.017

110.267	-0.017
110.289	-0.017
110.311	-0.017
110.333	-0.017
110.356	-0.017
110.378	-0.017
110.400	-0.017
110.422	-0.017
110.444	-0.017
110.467	-0.017
110.489	-0.017
110.511	-0.017
110.533	-0.017
110.556	-0.017
110.578	-0.017
110.600	-0.017
110.622	-0.017
110.644	-0.017
110.667	-0.017
110.689	-0.017
110.711	-0.017
110.733	-0.017
110.756	-0.017
110.778	-0.017
110.800	-0.017
110.822	-0.017
110.844	-0.017
110.867	-0.017
110.889	-0.017
110.911	-0.017
110.933	-0.017
110.956	-0.017
110.978	-0.017
111.000	-0.017
111.022	-0.017
111.044	-0.017
111.067	-0.017
111.089	-0.017
111.111	-0.017
111.133	-0.017
111.156	-0.017
111.178	-0.017
111.200	-0.017
111.222	-0.017
111.244	-0.017
111.267	-0.017
111.289	-0.017
111.311	-0.017
111.333	-0.017
111.356	-0.017
111.378	-0.017
111.400	-0.017
111.422	-0.017
111.444	-0.017
111.467	-0.017
111.489	-0.017
111.511	-0.017
111.533	-0.017
111.556	-0.017
111.578	-0.017
111.600	-0.017
111.622	-0.017
111.644	-0.017
111.667	-0.017
111.689	-0.017

111.711	-0.017
111.733	-0.017
111.756	-0.017
111.778	-0.017
111.800	-0.017
111.822	-0.017
111.844	-0.017
111.867	-0.017
111.889	-0.017
111.911	-0.017
111.933	-0.017
111.956	-0.017
111.978	-0.017
112.000	-0.017
112.022	-0.017
112.044	-0.017
112.067	-0.017
112.089	-0.017
112.111	-0.017
112.133	-0.017
112.156	-0.017
112.178	-0.017
112.200	-0.017
112.222	-0.017
112.244	-0.017
112.267	-0.017
112.289	-0.017
112.311	-0.017
112.333	-0.017
112.356	-0.017
112.378	-0.017
112.400	-0.017
112.422	-0.017
112.444	-0.017
112.467	-0.017
112.489	-0.017
112.511	-0.017
112.533	-0.017
112.556	-0.017
112.578	-0.017
112.600	-0.017
112.622	-0.017
112.644	-0.017
112.667	-0.017
112.689	-0.017
112.711	-0.017
112.733	-0.017
112.756	-0.017
112.778	-0.017
112.800	-0.017
112.822	-0.017
112.844	-0.017
112.867	-0.017
112.889	-0.017
112.911	-0.017
112.933	-0.017
112.956	-0.017
112.978	-0.017
113.000	-0.017
113.022	-0.017
113.044	-0.017
113.067	-0.017
113.089	-0.017
113.111	-0.017
113.133	-0.017

113.156	-0.017
113.178	-0.017
113.200	-0.017
113.222	-0.017
113.244	-0.017
113.267	-0.017
113.289	-0.017
113.311	-0.017
113.333	-0.017
113.356	-0.017
113.378	-0.017
113.400	-0.017
113.422	-0.017
113.444	-0.017
113.467	-0.017
113.489	-0.017
113.511	-0.017
113.533	-0.017
113.556	-0.017
113.578	-0.017
113.600	-0.017
113.622	-0.017
113.644	-0.017
113.667	-0.017
113.689	-0.017
113.711	-0.017
113.733	-0.017
113.756	-0.017
113.778	-0.017
113.800	-0.017
113.822	-0.017
113.844	-0.017
113.867	-0.017
113.889	-0.017
113.911	-0.017
113.933	-0.017
113.956	-0.017
113.978	-0.017
114.000	-0.017
114.022	-0.017
114.044	-0.017
114.067	-0.017
114.089	-0.017
114.111	-0.017
114.133	-0.017
114.156	-0.017
114.178	-0.017
114.200	-0.017
114.222	-0.017
114.244	-0.017
114.267	-0.017
114.289	-0.017
114.311	-0.017
114.333	-0.017
114.356	-0.017
114.378	-0.017
114.400	-0.017
114.422	-0.017
114.444	-0.017
114.467	-0.017
114.489	-0.017
114.511	-0.017
114.533	-0.017
114.556	-0.017
114.578	-0.017

114.600	-0.017
114.622	-0.017
114.644	-0.017
114.667	-0.017
114.689	-0.017
114.711	-0.017
114.733	-0.017
114.756	-0.017
114.778	-0.017
114.800	-0.017
114.822	-0.017
114.844	-0.017
114.867	-0.017
114.889	-0.017
114.911	-0.017
114.933	-0.017
114.956	-0.017
114.978	-0.017
115.000	-0.017
115.022	-0.017
115.044	-0.017
115.067	-0.017
115.089	-0.017
115.111	-0.017
115.133	-0.017
115.156	-0.017
115.178	-0.017
115.200	-0.017
115.222	-0.017
115.244	-0.017
115.267	-0.017
115.289	-0.017
115.311	-0.017
115.333	-0.017
115.356	-0.017
115.378	-0.017
115.400	-0.017
115.422	-0.017
115.444	-0.017
115.467	-0.017
115.489	-0.017
115.511	-0.017
115.533	-0.017
115.556	-0.017
115.578	-0.017
115.600	-0.017
115.622	-0.017
115.644	-0.017
115.667	-0.017
115.689	-0.017
115.711	-0.017
115.733	-0.017
115.756	-0.017
115.778	-0.017
115.800	-0.017
115.822	-0.017
115.844	-0.017
115.867	-0.017
115.889	-0.017
115.911	-0.017
115.933	-0.017
115.956	-0.017
115.978	-0.017
116.000	-0.017
116.022	-0.017

116.044	-0.017
116.067	-0.017
116.089	-0.017
116.111	-0.017
116.133	-0.017
116.156	-0.017
116.178	-0.017
116.200	-0.017
116.222	-0.017
116.244	-0.017
116.267	-0.017
116.289	-0.017
116.311	-0.017
116.333	-0.017
116.356	-0.017
116.378	-0.017
116.400	-0.017
116.422	-0.017
116.444	-0.017
116.467	-0.017
116.489	-0.017
116.511	-0.017
116.533	-0.017
116.556	-0.017
116.578	-0.017
116.600	-0.017
116.622	-0.017
116.644	-0.017
116.667	-0.017
116.689	-0.017
116.711	-0.017
116.733	-0.017
116.756	-0.017
116.778	-0.017
116.800	-0.017
116.822	-0.017
116.844	-0.017
116.867	-0.017
116.889	-0.017
116.911	-0.017
116.933	-0.017
116.956	-0.017
116.978	-0.017
117.000	-0.017
117.022	-0.017
117.044	-0.017
117.067	-0.017
117.089	-0.017
117.111	-0.017
117.133	-0.017
117.156	-0.017
117.178	-0.017
117.200	-0.017
117.222	-0.017
117.244	-0.017
117.267	-0.017
117.289	-0.017
117.311	-0.017
117.333	-0.017
117.356	-0.017
117.378	-0.017
117.400	-0.017
117.422	-0.017
117.444	-0.017
117.467	-0.017

117.489	-0.017
117.511	-0.017
117.533	-0.017
117.556	-0.017
117.578	-0.017
117.600	-0.017
117.622	-0.017
117.644	-0.017
117.667	-0.017
117.689	-0.017
117.711	-0.017
117.733	-0.017
117.756	-0.017
117.778	-0.017
117.800	-0.017
117.822	-0.017
117.844	-0.017
117.867	-0.017
117.889	-0.017
117.911	-0.017
117.933	-0.017
117.956	-0.017
117.978	-0.017
118.000	-0.017
118.022	-0.017
118.044	-0.017
118.067	-0.017
118.089	-0.017
118.111	-0.017
118.133	-0.017
118.156	-0.017
118.178	-0.017
118.200	-0.017
118.222	-0.017
118.244	-0.017
118.267	-0.017
118.289	-0.017
118.311	-0.017
118.333	-0.017
118.356	-0.017
118.378	-0.017
118.400	-0.017
118.422	-0.017
118.444	-0.017
118.467	-0.017
118.489	-0.017
118.511	-0.017
118.533	-0.017
118.556	-0.017
118.578	-0.017
118.600	-0.017
118.622	-0.017
118.644	-0.017
118.667	-0.017
118.689	-0.017
118.711	-0.017
118.733	-0.017
118.756	-0.017
118.778	-0.017
118.800	-0.017
118.822	-0.017
118.844	-0.017
118.867	-0.017
118.889	-0.017
118.911	-0.017

118.933	-0.017
118.956	-0.017
118.978	-0.017
119.000	-0.017
119.022	-0.017
119.044	-0.017
119.067	-0.017
119.089	-0.017
119.111	-0.017
119.133	-0.017
119.156	-0.017
119.178	-0.017
119.200	-0.017
119.222	-0.017
119.244	-0.017
119.267	-0.017
119.289	-0.017
119.311	-0.017
119.333	-0.017
119.356	-0.017
119.378	-0.017
119.400	-0.017
119.422	-0.017
119.444	-0.017
119.467	-0.017
119.489	-0.017
119.511	-0.017
119.533	-0.017
119.556	-0.017
119.578	-0.017
119.600	-0.017
119.622	-0.017
119.644	-0.017
119.667	-0.017
119.689	-0.017
119.711	-0.017
119.733	-0.017
119.756	-0.017
119.778	-0.017
119.800	-0.017
119.822	-0.017
119.844	-0.017
119.867	-0.017
119.889	-0.017
119.911	-0.017
119.933	-0.017
119.956	-0.017
119.978	-0.017
120.000	-0.017
120.022	-0.017
120.044	-0.017
120.067	-0.017
120.089	-0.017
120.111	-0.017
120.133	-0.017
120.156	-0.017
120.178	-0.017
120.200	-0.018
120.222	-0.018
120.244	-0.018
120.267	-0.018
120.289	-0.018
120.311	-0.018
120.333	-0.018
120.356	-0.019

120.378	-0.019
120.400	-0.019
120.422	-0.019
120.444	-0.019
120.467	-0.019
120.489	-0.019
120.511	-0.019
120.533	-0.019
120.556	-0.020
120.578	-0.020
120.600	-0.020
120.622	-0.020
120.644	-0.020
120.667	-0.020
120.689	-0.020
120.711	-0.020
120.733	-0.020
120.756	-0.020
120.778	-0.020
120.800	-0.020
120.822	-0.021
120.844	-0.021
120.867	-0.021
120.889	-0.021
120.911	-0.021
120.933	-0.021
120.956	-0.021
120.978	-0.021
121.000	-0.021
121.022	-0.021
121.044	-0.021
121.067	-0.021
121.089	-0.021
121.111	-0.021
121.133	-0.021
121.156	-0.021
121.178	-0.021
121.200	-0.021
121.222	-0.022
121.244	-0.022
121.267	-0.022
121.289	-0.022
121.311	-0.022
121.333	-0.022
121.356	-0.022
121.378	-0.022
121.400	-0.022
121.422	-0.022
121.444	-0.022
121.467	-0.022
121.489	-0.022
121.511	-0.022
121.533	-0.022
121.556	-0.022
121.578	-0.022
121.600	-0.022
121.622	-0.022
121.644	-0.022
121.667	-0.022
121.689	-0.022
121.711	-0.022
121.733	-0.022
121.756	-0.022
121.778	-0.023
121.800	-0.023

121.822	-0.023
121.844	-0.023
121.867	-0.023
121.889	-0.023
121.911	-0.023
121.933	-0.023
121.956	-0.023
121.978	-0.023
122.000	-0.023
122.022	-0.023
122.044	-0.023
122.067	-0.023
122.089	-0.023
122.111	-0.023
122.133	-0.023
122.156	-0.023
122.178	-0.023
122.200	-0.023
122.222	-0.023
122.244	-0.023
122.267	-0.023
122.289	-0.023
122.311	-0.023
122.333	-0.023
122.356	-0.023
122.378	-0.023
122.400	-0.023
122.422	-0.023
122.444	-0.023
122.467	-0.023
122.489	-0.023
122.511	-0.023
122.533	-0.023
122.556	-0.024
122.578	-0.024
122.600	-0.024
122.622	-0.024
122.644	-0.024
122.667	-0.024
122.689	-0.024
122.711	-0.024
122.733	-0.024
122.756	-0.024
122.778	-0.024
122.800	-0.024
122.822	-0.024
122.844	-0.024
122.867	-0.024
122.889	-0.024
122.911	-0.024
122.933	-0.024
122.956	-0.024
122.978	-0.024
123.000	-0.024
123.022	-0.024
123.044	-0.024
123.067	-0.024
123.089	-0.024
123.111	-0.024
123.133	-0.024
123.156	-0.024
123.178	-0.024
123.200	-0.024
123.222	-0.024
123.244	-0.024

123.267	-0.024
123.289	-0.024
123.311	-0.024
123.333	-0.024
123.356	-0.024
123.378	-0.024
123.400	-0.024
123.422	-0.024
123.444	-0.024
123.467	-0.024
123.489	-0.024
123.511	-0.024
123.533	-0.024
123.556	-0.024
123.578	-0.024
123.600	-0.025
123.622	-0.025
123.644	-0.025
123.667	-0.025
123.689	-0.025
123.711	-0.025
123.733	-0.025
123.756	-0.025
123.778	-0.025
123.800	-0.025
123.822	-0.025
123.844	-0.025
123.867	-0.025
123.889	-0.025
123.911	-0.025
123.933	-0.025
123.956	-0.025
123.978	-0.025
124.000	-0.025
124.022	-0.025
124.044	-0.025
124.067	-0.025
124.089	-0.025
124.111	-0.025
124.133	-0.025
124.156	-0.025
124.178	-0.025
124.200	-0.025
124.222	-0.025
124.244	-0.025
124.267	-0.025
124.289	-0.025
124.311	-0.025
124.333	-0.025
124.356	-0.025
124.378	-0.025
124.400	-0.025
124.422	-0.025
124.444	-0.025
124.467	-0.025
124.489	-0.025
124.511	-0.025
124.533	-0.025
124.556	-0.025
124.578	-0.025
124.600	-0.025
124.622	-0.025
124.644	-0.025
124.667	-0.025
124.689	-0.025

124.711	-0.025
124.733	-0.025
124.756	-0.025
124.778	-0.025
124.800	-0.025
124.822	-0.025
124.844	-0.025
124.867	-0.025
124.889	-0.025
124.911	-0.025
124.933	-0.025
124.956	-0.025
124.978	-0.025
125.000	-0.025
125.022	-0.026
125.044	-0.026
125.067	-0.026
125.089	-0.026
125.111	-0.026
125.133	-0.026
125.156	-0.026
125.178	-0.026
125.200	-0.026
125.222	-0.026
125.244	-0.026
125.267	-0.026
125.289	-0.026
125.311	-0.026
125.333	-0.026
125.356	-0.026
125.378	-0.026
125.400	-0.026
125.422	-0.026
125.444	-0.026
125.467	-0.026
125.489	-0.026
125.511	-0.026
125.533	-0.026
125.556	-0.026
125.578	-0.026
125.600	-0.026
125.622	-0.026
125.644	-0.026
125.667	-0.026
125.689	-0.026
125.711	-0.026
125.733	-0.026
125.756	-0.026
125.778	-0.026
125.800	-0.026
125.822	-0.026
125.844	-0.026
125.867	-0.026
125.889	-0.026
125.911	-0.026
125.933	-0.026
125.956	-0.026
125.978	-0.026
126.000	-0.026
126.022	-0.026
126.044	-0.026
126.067	-0.026
126.089	-0.026
126.111	-0.026
126.133	-0.026

126.156	-0.026
126.178	-0.026
126.200	-0.026
126.222	-0.026
126.244	-0.026
126.267	-0.026
126.289	-0.026
126.311	-0.026
126.333	-0.026
126.356	-0.026
126.378	-0.026
126.400	-0.026
126.422	-0.026
126.444	-0.026
126.467	-0.026
126.489	-0.026
126.511	-0.026
126.533	-0.026
126.556	-0.026
126.578	-0.026
126.600	-0.026
126.622	-0.026
126.644	-0.026
126.667	-0.026
126.689	-0.026
126.711	-0.026
126.733	-0.026
126.756	-0.026
126.778	-0.026
126.800	-0.026
126.822	-0.026
126.844	-0.026
126.867	-0.026
126.889	-0.026
126.911	-0.026
126.933	-0.026
126.956	-0.027
126.978	-0.027
127.000	-0.027
127.022	-0.027
127.044	-0.027
127.067	-0.027
127.089	-0.027
127.111	-0.027
127.133	-0.027
127.156	-0.027
127.178	-0.027
127.200	-0.027
127.222	-0.027
127.244	-0.027
127.267	-0.027
127.289	-0.027
127.311	-0.027
127.333	-0.027
127.356	-0.027
127.378	-0.027
127.400	-0.027
127.422	-0.027
127.444	-0.027
127.467	-0.027
127.489	-0.027
127.511	-0.027
127.533	-0.027
127.556	-0.027
127.578	-0.027

127.600	-0.027
127.622	-0.027
127.644	-0.027
127.667	-0.027
127.689	-0.027
127.711	-0.027
127.733	-0.027
127.756	-0.027
127.778	-0.027
127.800	-0.027
127.822	-0.027
127.844	-0.027
127.867	-0.027
127.889	-0.027
127.911	-0.027
127.933	-0.027
127.956	-0.027
127.978	-0.027
128.000	-0.027
128.022	-0.027
128.044	-0.027
128.067	-0.027
128.089	-0.027
128.111	-0.027
128.133	-0.027
128.155	-0.027
128.178	-0.027
128.200	-0.027
128.222	-0.027
128.244	-0.027
128.267	-0.027
128.289	-0.027
128.311	-0.027
128.333	-0.027
128.356	-0.027
128.378	-0.027
128.400	-0.027
128.422	-0.027
128.444	-0.027
128.467	-0.027
128.489	-0.027
128.511	-0.027
128.533	-0.027
128.556	-0.027
128.578	-0.027
128.600	-0.027
128.622	-0.027
128.644	-0.027
128.667	-0.027
128.689	-0.027
128.711	-0.027
128.733	-0.027
128.756	-0.027
128.778	-0.027
128.800	-0.027
128.822	-0.027
128.845	-0.027
128.867	-0.027
128.889	-0.027
128.911	-0.027
128.933	-0.027
128.956	-0.027
128.978	-0.027
129.000	-0.027
129.022	-0.027

129.044	-0.027
129.067	-0.027
129.089	-0.027
129.111	-0.027
129.133	-0.027
129.155	-0.027
129.178	-0.027
129.200	-0.027
129.222	-0.027
129.244	-0.027
129.267	-0.028
129.289	-0.028
129.311	-0.028
129.333	-0.028
129.356	-0.028
129.378	-0.028
129.400	-0.028
129.422	-0.028
129.444	-0.028
129.467	-0.028
129.489	-0.028
129.511	-0.028
129.533	-0.028
129.556	-0.028
129.578	-0.028
129.600	-0.028
129.622	-0.028
129.644	-0.028
129.667	-0.028
129.689	-0.028
129.711	-0.028
129.733	-0.028
129.756	-0.028
129.778	-0.028
129.800	-0.028
129.822	-0.028
129.845	-0.028
129.867	-0.028
129.889	-0.028
129.911	-0.028
129.933	-0.028
129.956	-0.028
129.978	-0.028
130.000	-0.028
130.022	-0.028
130.044	-0.028
130.067	-0.028
130.089	-0.028
130.111	-0.028
130.133	-0.028
130.155	-0.028
130.178	-0.028
130.200	-0.028
130.222	-0.028
130.244	-0.028
130.267	-0.028
130.289	-0.028
130.311	-0.028
130.333	-0.028
130.356	-0.028
130.378	-0.028
130.400	-0.028
130.422	-0.028
130.444	-0.028
130.467	-0.028

130.489	-0.028
130.511	-0.028
130.533	-0.028
130.556	-0.028
130.578	-0.028
130.600	-0.028
130.622	-0.028
130.644	-0.028
130.667	-0.028
130.689	-0.028
130.711	-0.028
130.733	-0.028
130.756	-0.028
130.778	-0.028
130.800	-0.028
130.822	-0.028
130.845	-0.028
130.867	-0.028
130.889	-0.028
130.911	-0.028
130.933	-0.028
130.956	-0.028
130.978	-0.028
131.000	-0.028
131.022	-0.028
131.044	-0.028
131.067	-0.028
131.089	-0.028
131.111	-0.028
131.133	-0.028
131.155	-0.028
131.178	-0.028
131.200	-0.028
131.222	-0.028
131.244	-0.028
131.267	-0.028
131.289	-0.028
131.311	-0.028
131.333	-0.028
131.356	-0.028
131.378	-0.028
131.400	-0.028
131.422	-0.028
131.444	-0.028
131.467	-0.028
131.489	-0.028
131.511	-0.028
131.533	-0.028
131.556	-0.028
131.578	-0.028
131.600	-0.028
131.622	-0.028
131.644	-0.028
131.667	-0.028
131.689	-0.028
131.711	-0.028
131.733	-0.028
131.756	-0.028
131.778	-0.028
131.800	-0.028
131.822	-0.028
131.845	-0.028
131.867	-0.028
131.889	-0.028
131.911	-0.028

131.933	-0.028
131.956	-0.028
131.978	-0.028
132.000	-0.028
132.022	-0.028
132.044	-0.028
132.067	-0.028
132.089	-0.028
132.111	-0.028
132.133	-0.028
132.155	-0.028
132.178	-0.028
132.200	-0.028
132.222	-0.028
132.244	-0.028
132.267	-0.028
132.289	-0.028
132.311	-0.028
132.333	-0.028
132.356	-0.028
132.378	-0.028
132.400	-0.028
132.422	-0.028
132.444	-0.028
132.467	-0.028
132.489	-0.028
132.511	-0.028
132.533	-0.029
132.556	-0.029
132.578	-0.029
132.600	-0.029
132.622	-0.029
132.644	-0.029
132.667	-0.029
132.689	-0.029
132.711	-0.029
132.733	-0.029
132.756	-0.029
132.778	-0.029
132.800	-0.029
132.822	-0.029
132.845	-0.029
132.867	-0.029
132.889	-0.029
132.911	-0.029
132.933	-0.029
132.956	-0.029
132.978	-0.029
133.000	-0.029
133.022	-0.029
133.044	-0.029
133.067	-0.029
133.089	-0.029
133.111	-0.029
133.133	-0.029
133.155	-0.029
133.178	-0.029
133.200	-0.029
133.222	-0.029
133.244	-0.029
133.267	-0.029
133.289	-0.029
133.311	-0.029
133.333	-0.029
133.356	-0.029

133.378	-0.029
133.400	-0.029
133.422	-0.029
133.444	-0.029
133.467	-0.029
133.489	-0.029
133.511	-0.029
133.533	-0.029
133.556	-0.029
133.578	-0.029
133.600	-0.029
133.622	-0.029
133.644	-0.029
133.667	-0.029
133.689	-0.029
133.711	-0.029
133.733	-0.029
133.756	-0.029
133.778	-0.029
133.800	-0.029
133.822	-0.029
133.845	-0.029
133.867	-0.029
133.889	-0.029
133.911	-0.029
133.933	-0.029
133.956	-0.029
133.978	-0.029
134.000	-0.029
134.022	-0.029
134.044	-0.029
134.067	-0.029
134.089	-0.029
134.111	-0.029
134.133	-0.029
134.155	-0.029
134.178	-0.029
134.200	-0.029
134.222	-0.029
134.244	-0.029
134.267	-0.029
134.289	-0.029
134.311	-0.029
134.333	-0.029
134.356	-0.029
134.378	-0.029
134.400	-0.029
134.422	-0.029
134.444	-0.029
134.467	-0.029
134.489	-0.029
134.511	-0.029
134.533	-0.029
134.556	-0.029
134.578	-0.029
134.600	-0.029
134.622	-0.029
134.644	-0.029
134.667	-0.029
134.689	-0.029
134.711	-0.029
134.733	-0.029
134.756	-0.029
134.778	-0.029
134.800	-0.029

134.822	-0.029
134.845	-0.029
134.867	-0.029
134.889	-0.029
134.911	-0.029
134.933	-0.029
134.956	-0.029
134.978	-0.029
135.000	-0.029
135.022	-0.029
135.044	-0.029
135.067	-0.029
135.089	-0.029
135.111	-0.029
135.133	-0.029
135.155	-0.029
135.178	-0.029
135.200	-0.029
135.222	-0.029
135.244	-0.029
135.267	-0.028
135.289	-0.028
135.311	-0.028
135.333	-0.028
135.356	-0.028
135.378	-0.028
135.400	-0.028
135.422	-0.028
135.444	-0.028
135.467	-0.028
135.489	-0.028
135.511	-0.028
135.533	-0.028
135.556	-0.028
135.578	-0.028
135.600	-0.028
135.622	-0.028
135.644	-0.028
135.667	-0.028
135.689	-0.028
135.711	-0.028
135.733	-0.028
135.756	-0.028
135.778	-0.028
135.800	-0.028
135.822	-0.028
135.845	-0.028
135.867	-0.028
135.889	-0.027
135.911	-0.027
135.933	-0.027
135.956	-0.027
135.978	-0.027
136.000	-0.027
136.022	-0.027
136.044	-0.027
136.067	-0.027
136.089	-0.027
136.111	-0.027
136.133	-0.027
136.155	-0.027
136.178	-0.027
136.200	-0.027
136.222	-0.027
136.244	-0.027

136.267	-0.027
136.289	-0.027
136.311	-0.027
136.333	-0.027
136.356	-0.027
136.378	-0.027
136.400	-0.027
136.422	-0.027
136.444	-0.027
136.467	-0.027
136.489	-0.027
136.511	-0.027
136.533	-0.027
136.556	-0.026
136.578	-0.026
136.600	-0.026
136.622	-0.026
136.644	-0.026
136.667	-0.026
136.689	-0.026
136.711	-0.026
136.733	-0.026
136.756	-0.026
136.778	-0.026
136.800	-0.026
136.822	-0.026
136.845	-0.026
136.867	-0.026
136.889	-0.026
136.911	-0.026
136.933	-0.026
136.956	-0.026
136.978	-0.026
137.000	-0.026
137.022	-0.026
137.044	-0.026
137.067	-0.026
137.089	-0.026
137.111	-0.026
137.133	-0.026
137.155	-0.026
137.178	-0.026
137.200	-0.026
137.222	-0.026
137.244	-0.026
137.267	-0.026
137.289	-0.026
137.311	-0.026
137.333	-0.026
137.356	-0.026
137.378	-0.026
137.400	-0.026
137.422	-0.026
137.444	-0.026
137.467	-0.026
137.489	-0.026
137.511	-0.026
137.533	-0.025
137.556	-0.025
137.578	-0.025
137.600	-0.025
137.622	-0.025
137.644	-0.025
137.667	-0.025
137.689	-0.025

137.711	-0.025
137.733	-0.025
137.756	-0.025
137.778	-0.025
137.800	-0.025
137.822	-0.025
137.845	-0.025
137.867	-0.025
137.889	-0.025
137.911	-0.025
137.933	-0.025
137.956	-0.025
137.978	-0.025
138.000	-0.025
138.022	-0.025
138.044	-0.025
138.067	-0.025
138.089	-0.025
138.111	-0.025
138.133	-0.025
138.155	-0.025
138.178	-0.025
138.200	-0.025
138.222	-0.025
138.244	-0.025
138.267	-0.025
138.289	-0.025
138.311	-0.025
138.333	-0.025
138.356	-0.025
138.378	-0.025
138.400	-0.025
138.422	-0.025
138.444	-0.025
138.467	-0.025
138.489	-0.025
138.511	-0.025
138.533	-0.025
138.556	-0.025
138.578	-0.025
138.600	-0.025
138.622	-0.025
138.644	-0.025
138.667	-0.025
138.689	-0.025
138.711	-0.025
138.733	-0.025
138.756	-0.025
138.778	-0.025
138.800	-0.025
138.822	-0.025
138.845	-0.025
138.867	-0.025
138.889	-0.025
138.911	-0.025
138.933	-0.025
138.956	-0.025
138.978	-0.024
139.000	-0.024
139.022	-0.024
139.044	-0.024
139.067	-0.024
139.089	-0.024
139.111	-0.024
139.133	-0.024

139.155	-0.024
139.178	-0.024
139.200	-0.024
139.222	-0.024
139.244	-0.024
139.267	-0.024
139.289	-0.024
139.311	-0.024
139.333	-0.024
139.356	-0.024
139.378	-0.024
139.400	-0.024
139.422	-0.024
139.444	-0.024
139.467	-0.024
139.489	-0.024
139.511	-0.024
139.533	-0.024
139.556	-0.024
139.578	-0.024
139.600	-0.024
139.622	-0.024
139.644	-0.024
139.667	-0.024
139.689	-0.024
139.711	-0.024
139.733	-0.024
139.756	-0.024
139.778	-0.024
139.800	-0.024
139.822	-0.024
139.845	-0.024
139.867	-0.024
139.889	-0.024
139.911	-0.024
139.933	-0.024
139.956	-0.024
139.978	-0.024
140.000	-0.024
140.022	-0.024
140.044	-0.024
140.067	-0.024
140.089	-0.024
140.111	-0.024
140.133	-0.024
140.155	-0.024
140.178	-0.024
140.200	-0.024
140.222	-0.024
140.244	-0.024
140.267	-0.024
140.289	-0.024
140.311	-0.024
140.333	-0.024
140.356	-0.024
140.378	-0.024
140.400	-0.024
140.422	-0.024
140.444	-0.024
140.467	-0.024
140.489	-0.024
140.511	-0.024
140.533	-0.024
140.556	-0.024
140.578	-0.024

140.600	-0.024
140.622	-0.024
140.644	-0.024
140.667	-0.024
140.689	-0.024
140.711	-0.024
140.733	-0.024
140.756	-0.024
140.778	-0.024
140.800	-0.024
140.822	-0.024
140.845	-0.024
140.867	-0.024
140.889	-0.024
140.911	-0.024
140.933	-0.024
140.956	-0.024
140.978	-0.024
141.000	-0.023
141.022	-0.023
141.044	-0.023
141.067	-0.023
141.089	-0.023
141.111	-0.023
141.133	-0.023
141.155	-0.023
141.178	-0.023
141.200	-0.023
141.222	-0.023
141.244	-0.023
141.267	-0.023
141.289	-0.023
141.311	-0.023
141.333	-0.023
141.356	-0.023
141.378	-0.023
141.400	-0.023
141.422	-0.023
141.444	-0.023
141.467	-0.023
141.489	-0.023
141.511	-0.023
141.533	-0.023
141.556	-0.023
141.578	-0.023
141.600	-0.023
141.622	-0.023
141.644	-0.023
141.667	-0.023
141.689	-0.023
141.711	-0.023
141.733	-0.023
141.756	-0.023
141.778	-0.023
141.800	-0.023
141.822	-0.023
141.845	-0.023
141.867	-0.023
141.889	-0.023
141.911	-0.023
141.933	-0.023
141.956	-0.023
141.978	-0.023
142.000	-0.023
142.022	-0.023

142.044	-0.023
142.067	-0.023
142.089	-0.023
142.111	-0.023
142.133	-0.023
142.155	-0.023
142.178	-0.023
142.200	-0.023
142.222	-0.023
142.244	-0.023
142.267	-0.023
142.289	-0.023
142.311	-0.023
142.333	-0.023
142.356	-0.023
142.378	-0.023
142.400	-0.023
142.422	-0.023
142.444	-0.023
142.467	-0.023
142.489	-0.023
142.511	-0.023
142.533	-0.023
142.556	-0.023
142.578	-0.023
142.600	-0.023
142.622	-0.023
142.644	-0.023
142.667	-0.023
142.689	-0.023
142.711	-0.023
142.733	-0.023
142.756	-0.023
142.778	-0.023
142.800	-0.023
142.822	-0.023
142.845	-0.023
142.867	-0.023
142.889	-0.023
142.911	-0.023
142.933	-0.023
142.956	-0.023
142.978	-0.023
143.000	-0.023
143.022	-0.023
143.044	-0.023
143.067	-0.023
143.089	-0.023
143.111	-0.023
143.133	-0.023
143.155	-0.023
143.178	-0.023
143.200	-0.023
143.222	-0.023
143.244	-0.023
143.267	-0.023
143.289	-0.023
143.311	-0.023
143.333	-0.023
143.356	-0.023
143.378	-0.023
143.400	-0.023
143.422	-0.023
143.444	-0.023
143.467	-0.023

143.489	-0.023
143.511	-0.023
143.533	-0.023
143.556	-0.023
143.578	-0.023
143.600	-0.023
143.622	-0.023
143.644	-0.023
143.667	-0.023
143.689	-0.023
143.711	-0.023
143.733	-0.023
143.756	-0.023
143.778	-0.022
143.800	-0.022
143.822	-0.022
143.845	-0.022
143.867	-0.022
143.889	-0.022
143.911	-0.022
143.933	-0.022
143.956	-0.022
143.978	-0.022
144.000	-0.022
144.022	-0.022
144.044	-0.022
144.067	-0.022
144.089	-0.022
144.111	-0.022
144.133	-0.022
144.155	-0.023
144.178	-0.023
144.200	-0.023
144.222	-0.023
144.244	-0.023
144.267	-0.023
144.289	-0.023
144.311	-0.023
144.333	-0.023
144.356	-0.023
144.378	-0.023
144.400	-0.023
144.422	-0.023
144.444	-0.023
144.467	-0.023
144.489	-0.023
144.511	-0.023
144.533	-0.023
144.556	-0.023
144.578	-0.023
144.600	-0.023
144.622	-0.023
144.644	-0.023
144.667	-0.023
144.689	-0.023
144.711	-0.023
144.733	-0.023
144.756	-0.023
144.778	-0.023
144.800	-0.023
144.822	-0.023
144.845	-0.023
144.867	-0.023
144.889	-0.023
144.911	-0.023

144.933	-0.023
144.956	-0.023
144.978	-0.023
145.000	-0.022
145.022	-0.022
145.044	-0.022
145.067	-0.022
145.089	-0.022
145.111	-0.022
145.133	-0.022
145.155	-0.022
145.178	-0.022
145.200	-0.022
145.222	-0.022
145.244	-0.022
145.267	-0.022
145.289	-0.022
145.311	-0.022
145.333	-0.022
145.356	-0.022
145.378	-0.022
145.400	-0.022
145.422	-0.022
145.444	-0.022
145.467	-0.022
145.489	-0.022
145.511	-0.022
145.533	-0.022
145.556	-0.022
145.578	-0.022
145.600	-0.022
145.622	-0.022
145.644	-0.022
145.667	-0.022
145.689	-0.022
145.711	-0.022
145.733	-0.022
145.756	-0.022
145.778	-0.022
145.800	-0.022
145.822	-0.022
145.845	-0.022
145.867	-0.022
145.889	-0.022
145.911	-0.022
145.933	-0.022
145.956	-0.022
145.978	-0.022
146.000	-0.022
146.022	-0.022
146.044	-0.022
146.067	-0.022
146.089	-0.022
146.111	-0.022
146.133	-0.022
146.155	-0.022
146.178	-0.022
146.200	-0.022
146.222	-0.022
146.244	-0.022
146.267	-0.022
146.289	-0.022
146.311	-0.022
146.333	-0.022
146.356	-0.022

146.378	-0.022
146.400	-0.022
146.422	-0.022
146.444	-0.022
146.467	-0.022
146.489	-0.022
146.511	-0.022
146.533	-0.022
146.556	-0.022
146.578	-0.022
146.600	-0.022
146.622	-0.022
146.644	-0.022
146.667	-0.022
146.689	-0.022
146.711	-0.022
146.733	-0.022
146.756	-0.022
146.778	-0.022
146.800	-0.022
146.822	-0.022
146.845	-0.022
146.867	-0.022
146.889	-0.022
146.911	-0.022
146.933	-0.022
146.956	-0.022
146.978	-0.022
147.000	-0.022
147.022	-0.022
147.044	-0.022
147.067	-0.022
147.089	-0.022
147.111	-0.022
147.133	-0.022
147.155	-0.022
147.178	-0.022
147.200	-0.022
147.222	-0.022
147.244	-0.022
147.267	-0.022
147.289	-0.022
147.311	-0.022
147.333	-0.022
147.356	-0.022
147.378	-0.022
147.400	-0.022
147.422	-0.022
147.444	-0.022
147.467	-0.022
147.489	-0.022
147.511	-0.022
147.533	-0.022
147.556	-0.022
147.578	-0.022
147.600	-0.022
147.622	-0.022
147.644	-0.022
147.667	-0.022
147.689	-0.022
147.711	-0.022
147.733	-0.022
147.756	-0.022
147.778	-0.022
147.800	-0.022

147.822	-0.022
147.845	-0.022
147.867	-0.022
147.889	-0.022
147.911	-0.022
147.933	-0.022
147.956	-0.022
147.978	-0.022
148.000	-0.022
148.022	-0.022
148.044	-0.022
148.067	-0.022
148.089	-0.022
148.111	-0.022
148.133	-0.022
148.155	-0.022
148.178	-0.022
148.200	-0.021
148.222	-0.021
148.244	-0.021
148.267	-0.021
148.289	-0.021
148.311	-0.021
148.333	-0.021
148.356	-0.021
148.378	-0.021
148.400	-0.021
148.422	-0.021
148.444	-0.021
148.467	-0.021
148.489	-0.021
148.511	-0.021
148.533	-0.021
148.556	-0.021
148.578	-0.021
148.600	-0.021
148.622	-0.021
148.644	-0.021
148.667	-0.021
148.689	-0.021
148.711	-0.021
148.733	-0.021
148.756	-0.021
148.778	-0.021
148.800	-0.021
148.822	-0.021
148.845	-0.021
148.867	-0.021
148.889	-0.021
148.911	-0.021
148.933	-0.021
148.956	-0.021
148.978	-0.021
149.000	-0.021
149.022	-0.021
149.044	-0.021
149.067	-0.021
149.089	-0.021
149.111	-0.021
149.133	-0.021
149.155	-0.021
149.178	-0.021
149.200	-0.021
149.222	-0.021
149.244	-0.021

149.267	-0.021
149.289	-0.021
149.311	-0.021
149.333	-0.021
149.356	-0.021
149.378	-0.021
149.400	-0.021
149.422	-0.021
149.444	-0.021
149.467	-0.021
149.489	-0.021
149.511	-0.021
149.533	-0.021
149.556	-0.021
149.578	-0.021
149.600	-0.021
149.622	-0.021
149.644	-0.021
149.667	-0.021
149.689	-0.021
149.711	-0.021
149.733	-0.021
149.756	-0.021
149.778	-0.021
149.800	-0.021
149.822	-0.021
149.845	-0.021
149.867	-0.021
149.889	-0.021
149.911	-0.021
149.933	-0.021
149.956	-0.021
149.978	-0.021
150.000	-0.021
150.022	-0.021
150.044	-0.021
150.067	-0.021
150.089	-0.021
150.111	-0.021
150.133	-0.021
150.155	-0.021
150.178	-0.021
150.200	-0.021
150.222	-0.021
150.244	-0.021
150.267	-0.021
150.289	-0.021
150.311	-0.021
150.333	-0.021
150.356	-0.021
150.378	-0.021
150.400	-0.021
150.422	-0.021
150.444	-0.021
150.467	-0.021
150.489	-0.021
150.511	-0.021
150.533	-0.021
150.556	-0.021
150.578	-0.021
150.600	-0.021
150.622	-0.021
150.644	-0.021
150.667	-0.021
150.689	-0.021

150.711	-0.021
150.733	-0.021
150.756	-0.021
150.778	-0.021
150.800	-0.021
150.822	-0.021
150.845	-0.021
150.867	-0.021
150.889	-0.021
150.911	-0.021
150.933	-0.021
150.956	-0.021
150.978	-0.021
151.000	-0.021
151.022	-0.021
151.044	-0.021
151.067	-0.021
151.089	-0.021
151.111	-0.021
151.133	-0.021
151.155	-0.021
151.178	-0.021
151.200	-0.021
151.222	-0.021
151.244	-0.021
151.267	-0.021
151.289	-0.021
151.311	-0.021
151.333	-0.021
151.356	-0.021
151.378	-0.021
151.400	-0.021
151.422	-0.021
151.444	-0.021
151.467	-0.021
151.489	-0.021
151.511	-0.021
151.533	-0.021
151.556	-0.021
151.578	-0.021
151.600	-0.021
151.622	-0.021
151.644	-0.021
151.667	-0.021
151.689	-0.021
151.711	-0.021
151.733	-0.021
151.756	-0.021
151.778	-0.021
151.800	-0.021
151.822	-0.021
151.845	-0.021
151.867	-0.021
151.889	-0.021
151.911	-0.021
151.933	-0.021
151.956	-0.021
151.978	-0.021
152.000	-0.021
152.022	-0.021
152.044	-0.021
152.067	-0.021
152.089	-0.022
152.111	-0.022
152.133	-0.023

152.155	-0.024
152.178	-0.024
152.200	-0.025
152.222	-0.026
152.244	-0.026
152.267	-0.027
152.289	-0.027
152.311	-0.027
152.333	-0.028
152.356	-0.028
152.378	-0.028
152.400	-0.028
152.422	-0.029
152.444	-0.029
152.467	-0.029
152.489	-0.029
152.511	-0.029
152.533	-0.029
152.556	-0.029
152.578	-0.029
152.600	-0.029
152.622	-0.029
152.644	-0.029
152.667	-0.029
152.689	-0.028
152.711	-0.028
152.733	-0.028
152.756	-0.028
152.778	-0.028
152.800	-0.028
152.822	-0.028
152.845	-0.028
152.867	-0.027
152.889	-0.027
152.911	-0.027
152.933	-0.027
152.956	-0.027
152.978	-0.027
153.000	-0.027
153.022	-0.027
153.044	-0.026
153.067	-0.026
153.089	-0.026
153.111	-0.026
153.133	-0.026
153.155	-0.026
153.178	-0.026
153.200	-0.026
153.222	-0.026
153.244	-0.025
153.267	-0.025
153.289	-0.025
153.311	-0.025
153.333	-0.025
153.356	-0.025
153.378	-0.025
153.400	-0.025
153.422	-0.025
153.444	-0.025
153.467	-0.025
153.489	-0.025
153.511	-0.025
153.533	-0.025
153.556	-0.024
153.578	-0.024

153.600	-0.024
153.622	-0.024
153.644	-0.024
153.667	-0.024
153.689	-0.024
153.711	-0.024
153.733	-0.024
153.756	-0.024
153.778	-0.024
153.800	-0.024
153.822	-0.024
153.845	-0.024
153.867	-0.024
153.889	-0.024
153.911	-0.024
153.933	-0.024
153.956	-0.024
153.978	-0.024
154.000	-0.024
154.022	-0.024
154.044	-0.024
154.067	-0.024
154.089	-0.024
154.111	-0.024
154.133	-0.023
154.155	-0.023
154.178	-0.023
154.200	-0.023
154.222	-0.023
154.244	-0.023
154.267	-0.023
154.289	-0.023
154.311	-0.023
154.333	-0.023
154.356	-0.023
154.378	-0.023
154.400	-0.023
154.422	-0.023
154.444	-0.023
154.467	-0.023
154.489	-0.023
154.511	-0.023
154.533	-0.023
154.556	-0.023
154.578	-0.023
154.600	-0.023
154.622	-0.023
154.644	-0.023
154.667	-0.023
154.689	-0.023
154.711	-0.023
154.733	-0.023
154.756	-0.023
154.778	-0.023
154.800	-0.023
154.822	-0.023
154.845	-0.023
154.867	-0.023
154.889	-0.023
154.911	-0.023
154.933	-0.023
154.956	-0.023
154.978	-0.023
155.000	-0.023
155.022	-0.023

155.044	-0.023
155.067	-0.023
155.089	-0.023
155.111	-0.023
155.133	-0.023
155.155	-0.023
155.178	-0.023
155.200	-0.023
155.222	-0.023
155.244	-0.023
155.267	-0.023
155.289	-0.023
155.311	-0.023
155.333	-0.022
155.356	-0.022
155.378	-0.022
155.400	-0.022
155.422	-0.022
155.444	-0.022
155.467	-0.022
155.489	-0.022
155.511	-0.022
155.533	-0.022
155.556	-0.022
155.578	-0.022
155.600	-0.022
155.622	-0.022
155.644	-0.022
155.667	-0.022
155.689	-0.022
155.711	-0.022
155.733	-0.022
155.756	-0.022
155.778	-0.022
155.800	-0.022
155.822	-0.022
155.845	-0.022
155.867	-0.022
155.889	-0.022
155.911	-0.022
155.933	-0.022
155.956	-0.022
155.978	-0.022
156.000	-0.022
156.022	-0.022
156.044	-0.022
156.067	-0.022
156.089	-0.022
156.111	-0.022
156.133	-0.022
156.155	-0.022
156.178	-0.022
156.200	-0.022
156.222	-0.022
156.244	-0.022
156.267	-0.022
156.289	-0.022
156.311	-0.022
156.333	-0.022
156.356	-0.022
156.378	-0.022
156.400	-0.022
156.422	-0.022
156.444	-0.022
156.467	-0.022

156.489	-0.022
156.511	-0.022
156.533	-0.022
156.556	-0.022
156.578	-0.022
156.600	-0.022
156.622	-0.022
156.644	-0.022
156.667	-0.022
156.689	-0.022
156.711	-0.022
156.733	-0.022
156.756	-0.022
156.778	-0.022
156.800	-0.022
156.822	-0.022
156.845	-0.022
156.867	-0.022
156.889	-0.022
156.911	-0.022
156.933	-0.022
156.956	-0.022
156.978	-0.022
157.000	-0.022
157.022	-0.022
157.044	-0.022
157.067	-0.022
157.089	-0.022
157.111	-0.022
157.133	-0.022
157.155	-0.022
157.178	-0.022
157.200	-0.022
157.222	-0.022
157.244	-0.022
157.267	-0.022
157.289	-0.022
157.311	-0.022
157.333	-0.022
157.356	-0.022
157.378	-0.022
157.400	-0.022
157.422	-0.022
157.444	-0.022
157.467	-0.022
157.489	-0.022
157.511	-0.022
157.533	-0.022
157.556	-0.022
157.578	-0.022
157.600	-0.022
157.622	-0.022
157.644	-0.022
157.667	-0.022
157.689	-0.022
157.711	-0.022
157.733	-0.022
157.756	-0.022
157.778	-0.022
157.800	-0.022
157.822	-0.021
157.845	-0.021
157.867	-0.021
157.889	-0.021
157.911	-0.021

157.933	-0.021
157.956	-0.021
157.978	-0.021
158.000	-0.021
158.022	-0.021
158.044	-0.021
158.067	-0.021
158.089	-0.021
158.111	-0.021
158.133	-0.021
158.155	-0.021
158.178	-0.021
158.200	-0.021
158.222	-0.021
158.244	-0.021
158.267	-0.021
158.289	-0.021
158.311	-0.021
158.333	-0.021
158.356	-0.021
158.378	-0.021
158.400	-0.021
158.422	-0.021
158.444	-0.021
158.467	-0.021
158.489	-0.021
158.511	-0.021
158.533	-0.021
158.556	-0.021
158.578	-0.021
158.600	-0.021
158.622	-0.021
158.644	-0.021
158.667	-0.021
158.689	-0.021
158.711	-0.021
158.733	-0.021
158.756	-0.021
158.778	-0.021
158.800	-0.021
158.822	-0.021
158.845	-0.021
158.867	-0.021
158.889	-0.021
158.911	-0.021
158.933	-0.021
158.956	-0.021
158.978	-0.021
159.000	-0.021
159.022	-0.021
159.044	-0.021
159.067	-0.021
159.089	-0.021
159.111	-0.021
159.133	-0.021
159.155	-0.021
159.178	-0.021
159.200	-0.021
159.222	-0.021
159.244	-0.021
159.267	-0.021
159.289	-0.021
159.311	-0.021
159.333	-0.021
159.356	-0.021

159.378	-0.021
159.400	-0.021
159.422	-0.021
159.444	-0.021
159.467	-0.021
159.489	-0.021
159.511	-0.021
159.533	-0.021
159.556	-0.021
159.578	-0.021
159.600	-0.021
159.622	-0.021
159.644	-0.021
159.667	-0.021
159.689	-0.021
159.711	-0.021
159.733	-0.021
159.756	-0.021
159.778	-0.021
159.800	-0.021
159.822	-0.021
159.845	-0.021
159.867	-0.021
159.889	-0.021
159.911	-0.021
159.933	-0.021
159.956	-0.021
159.978	-0.021
160.000	-0.021
160.022	-0.021
160.044	-0.021
160.067	-0.020
160.089	-0.019
160.111	-0.019
160.133	-0.018
160.155	-0.017
160.178	-0.016
160.200	-0.016
160.222	-0.015
160.244	-0.015
160.267	-0.014
160.289	-0.014
160.311	-0.014
160.333	-0.014
160.356	-0.013
160.378	-0.013
160.400	-0.013
160.422	-0.013
160.444	-0.013
160.467	-0.013
160.489	-0.013
160.511	-0.013
160.533	-0.013
160.556	-0.013
160.578	-0.013
160.600	-0.013
160.622	-0.013
160.644	-0.013
160.667	-0.013
160.689	-0.013
160.711	-0.013
160.733	-0.013
160.756	-0.014
160.778	-0.014
160.800	-0.014

160.822	-0.014
160.845	-0.014
160.867	-0.014
160.889	-0.014
160.911	-0.014
160.933	-0.014
160.956	-0.014
160.978	-0.014
161.000	-0.014
161.022	-0.015
161.044	-0.015
161.067	-0.015
161.089	-0.015
161.111	-0.015
161.133	-0.015
161.155	-0.015
161.178	-0.015
161.200	-0.015
161.222	-0.015
161.244	-0.015
161.267	-0.015
161.289	-0.015
161.311	-0.015
161.333	-0.016
161.356	-0.016
161.378	-0.016
161.400	-0.016
161.422	-0.016
161.444	-0.016
161.467	-0.016
161.489	-0.016
161.511	-0.016
161.533	-0.016
161.556	-0.016
161.578	-0.016
161.600	-0.016
161.622	-0.016
161.644	-0.016
161.667	-0.016
161.689	-0.016
161.711	-0.016
161.733	-0.016
161.756	-0.016
161.778	-0.016
161.800	-0.016
161.822	-0.016
161.845	-0.016
161.867	-0.016
161.889	-0.016
161.911	-0.017
161.933	-0.017
161.956	-0.017
161.978	-0.017
162.000	-0.017
162.022	-0.017
162.044	-0.017
162.067	-0.017
162.089	-0.017
162.111	-0.017
162.133	-0.017
162.155	-0.017
162.178	-0.017
162.200	-0.017
162.222	-0.017
162.244	-0.017

162.267	-0.017
162.289	-0.017
162.311	-0.017
162.333	-0.017
162.356	-0.017
162.378	-0.017
162.400	-0.017
162.422	-0.017
162.444	-0.017
162.467	-0.017
162.489	-0.017
162.511	-0.017
162.533	-0.017
162.556	-0.017
162.578	-0.017
162.600	-0.017
162.622	-0.017
162.644	-0.017
162.667	-0.017
162.689	-0.017
162.711	-0.017
162.733	-0.017
162.756	-0.017
162.778	-0.017
162.800	-0.017
162.822	-0.017
162.845	-0.017
162.867	-0.017
162.889	-0.017
162.911	-0.017
162.933	-0.017
162.956	-0.017
162.978	-0.017
163.000	-0.017
163.022	-0.017
163.044	-0.017
163.067	-0.017
163.089	-0.017
163.111	-0.017
163.133	-0.017
163.155	-0.017
163.178	-0.017
163.200	-0.017
163.222	-0.018
163.244	-0.018
163.267	-0.018
163.289	-0.018
163.311	-0.018
163.333	-0.018
163.356	-0.018
163.378	-0.018
163.400	-0.018
163.422	-0.018
163.444	-0.018
163.467	-0.018
163.489	-0.018
163.511	-0.018
163.533	-0.018
163.556	-0.018
163.578	-0.018
163.600	-0.018
163.622	-0.018
163.644	-0.018
163.667	-0.018
163.689	-0.018

163.711	-0.018
163.733	-0.018
163.756	-0.018
163.778	-0.018
163.800	-0.018
163.822	-0.018
163.845	-0.018
163.867	-0.018
163.889	-0.018
163.911	-0.018
163.933	-0.018
163.956	-0.018
163.978	-0.018
164.000	-0.018
164.022	-0.018
164.044	-0.018
164.067	-0.018
164.089	-0.018
164.111	-0.018
164.133	-0.018
164.155	-0.018
164.178	-0.018
164.200	-0.018
164.222	-0.018
164.244	-0.018
164.267	-0.018
164.289	-0.018
164.311	-0.018
164.333	-0.018
164.356	-0.018
164.378	-0.018
164.400	-0.018
164.422	-0.018
164.444	-0.018
164.467	-0.018
164.489	-0.018
164.511	-0.018
164.533	-0.018
164.556	-0.018
164.578	-0.018
164.600	-0.018
164.622	-0.018
164.644	-0.018
164.667	-0.018
164.689	-0.018
164.711	-0.018
164.733	-0.018
164.756	-0.018
164.778	-0.018
164.800	-0.018
164.822	-0.018
164.845	-0.018
164.867	-0.018
164.889	-0.018
164.911	-0.018
164.933	-0.018
164.956	-0.018
164.978	-0.018
165.000	-0.018
165.022	-0.018
165.044	-0.018
165.067	-0.018
165.089	-0.018
165.111	-0.018
165.133	-0.018

165.155	-0.018
165.178	-0.018
165.200	-0.018
165.222	-0.018
165.244	-0.018
165.267	-0.018
165.289	-0.018
165.311	-0.018
165.333	-0.018
165.356	-0.018
165.378	-0.018
165.400	-0.018
165.422	-0.018
165.444	-0.018
165.467	-0.018
165.489	-0.018
165.511	-0.018
165.533	-0.018
165.556	-0.018
165.578	-0.018
165.600	-0.018
165.622	-0.018
165.644	-0.018
165.667	-0.018
165.689	-0.018
165.711	-0.018
165.733	-0.018
165.756	-0.018
165.778	-0.018
165.800	-0.018
165.822	-0.018
165.845	-0.018
165.867	-0.018
165.889	-0.018
165.911	-0.018
165.933	-0.018
165.956	-0.018
165.978	-0.018
166.000	-0.018
166.022	-0.018
166.044	-0.018
166.067	-0.018
166.089	-0.018
166.111	-0.018
166.133	-0.018
166.155	-0.018
166.178	-0.018
166.200	-0.018
166.222	-0.018
166.244	-0.018
166.267	-0.018
166.289	-0.018
166.311	-0.018
166.333	-0.018
166.356	-0.018
166.378	-0.018
166.400	-0.018
166.422	-0.018
166.444	-0.018
166.467	-0.018
166.489	-0.018
166.511	-0.018
166.533	-0.018
166.556	-0.018
166.578	-0.018

166.600	-0.018
166.622	-0.018
166.644	-0.018
166.667	-0.018
166.689	-0.018
166.711	-0.018
166.733	-0.018
166.756	-0.018
166.778	-0.018
166.800	-0.018
166.822	-0.018
166.845	-0.018
166.867	-0.018
166.889	-0.018
166.911	-0.018
166.933	-0.018
166.956	-0.018
166.978	-0.018
167.000	-0.018
167.022	-0.018
167.044	-0.018
167.067	-0.018
167.089	-0.018
167.111	-0.018
167.133	-0.018
167.155	-0.018
167.178	-0.018
167.200	-0.018
167.222	-0.018
167.244	-0.018
167.267	-0.018
167.289	-0.018
167.311	-0.018
167.333	-0.018
167.356	-0.018
167.378	-0.018
167.400	-0.018
167.422	-0.018
167.444	-0.018
167.467	-0.018
167.489	-0.018
167.511	-0.018
167.533	-0.018
167.556	-0.018
167.578	-0.018
167.600	-0.018
167.622	-0.018
167.644	-0.018
167.667	-0.018
167.689	-0.018
167.711	-0.018
167.733	-0.018
167.756	-0.018
167.778	-0.018
167.800	-0.018
167.822	-0.018
167.845	-0.018
167.867	-0.018
167.889	-0.018
167.911	-0.018
167.933	-0.018
167.956	-0.018
167.978	-0.018
168.000	-0.018
168.022	-0.018

168.044	-0.018
168.067	-0.018
168.089	-0.018
168.111	-0.018
168.133	-0.017
168.155	-0.017
168.178	-0.017
168.200	-0.017
168.222	-0.017
168.244	-0.017
168.267	-0.017
168.289	-0.016
168.311	-0.016
168.333	-0.016
168.356	-0.016
168.378	-0.016
168.400	-0.016
168.422	-0.016
168.444	-0.016
168.467	-0.016
168.489	-0.016
168.511	-0.016
168.533	-0.016
168.556	-0.016
168.578	-0.016
168.600	-0.016
168.622	-0.016
168.644	-0.016
168.667	-0.016
168.689	-0.016
168.711	-0.016
168.733	-0.016
168.756	-0.016
168.778	-0.016
168.800	-0.016
168.822	-0.016
168.845	-0.016
168.867	-0.016
168.889	-0.016
168.911	-0.015
288.911	-0.003
408.911	-0.001
504.911	-0.000
528.911	-0.000
648.911	0.000
768.911	0.000
888.911	0.000

Name: Hyd-7d Node: Node314 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000

0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000

1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
2.422	0.000
2.444	0.000
2.467	0.000
2.489	0.000
2.511	0.000
2.533	0.000
2.556	0.000
2.578	0.000
2.600	0.000
2.622	0.000
2.644	0.000
2.667	0.000
2.689	0.000
2.711	0.000
2.733	0.000
2.756	0.000
2.778	0.000
2.800	0.000
2.822	0.000
2.844	0.000
2.867	0.000
2.889	0.000
2.911	0.000
2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
3.067	0.000
3.089	0.000
3.111	0.000
3.133	0.000

3.156	0.000
3.178	0.000
3.200	0.000
3.222	0.000
3.244	0.000
3.267	0.000
3.289	0.000
3.311	0.000
3.333	0.000
3.356	0.000
3.378	0.000
3.400	0.000
3.422	0.000
3.444	0.000
3.467	0.000
3.489	0.000
3.511	0.000
3.533	0.000
3.556	0.000
3.578	0.000
3.600	0.000
3.622	0.000
3.644	0.000
3.667	0.000
3.689	0.000
3.711	0.000
3.733	0.000
3.756	0.000
3.778	0.000
3.800	0.000
3.822	0.000
3.844	0.000
3.867	0.000
3.889	0.000
3.911	0.000
3.933	0.000
3.956	0.000
3.978	0.000
4.000	0.000
4.022	0.000
4.044	0.000
4.067	0.000
4.089	0.000
4.111	0.000
4.133	0.000
4.156	0.000
4.178	-0.000
4.200	-0.000
4.222	-0.000
4.244	-0.000
4.267	-0.000
4.289	-0.000
4.311	-0.000
4.333	-0.000
4.356	-0.000
4.378	-0.000
4.400	-0.000
4.422	-0.000
4.444	-0.000
4.467	-0.001
4.489	-0.001
4.511	-0.001
4.533	-0.001
4.556	-0.001
4.578	-0.001

4.600	-0.001
4.622	-0.001
4.644	-0.001
4.667	-0.001
4.689	-0.001
4.711	-0.001
4.733	-0.001
4.756	-0.002
4.778	-0.002
4.800	-0.002
4.822	-0.002
4.844	-0.002
4.867	-0.002
4.889	-0.002
4.911	-0.002
4.933	-0.002
4.956	-0.002
4.978	-0.002
5.000	-0.002
5.022	-0.003
5.044	-0.003
5.067	-0.003
5.089	-0.003
5.111	-0.003
5.133	-0.003
5.156	-0.003
5.178	-0.003
5.200	-0.003
5.222	-0.003
5.244	-0.003
5.267	-0.003
5.289	-0.003
5.311	-0.004
5.333	-0.004
5.356	-0.004
5.378	-0.004
5.400	-0.004
5.422	-0.004
5.444	-0.004
5.467	-0.004
5.489	-0.004
5.511	-0.004
5.533	-0.004
5.556	-0.004
5.578	-0.005
5.600	-0.005
5.622	-0.005
5.644	-0.005
5.667	-0.005
5.689	-0.005
5.711	-0.005
5.733	-0.005
5.756	-0.005
5.778	-0.005
5.800	-0.005
5.822	-0.005
5.844	-0.005
5.867	-0.005
5.889	-0.006
5.911	-0.006
5.933	-0.006
5.956	-0.006
5.978	-0.006
6.000	-0.006
6.022	-0.006

6.044	-0.006
6.067	-0.006
6.089	-0.006
6.111	-0.006
6.133	-0.006
6.156	-0.006
6.178	-0.006
6.200	-0.007
6.222	-0.007
6.244	-0.007
6.267	-0.007
6.289	-0.007
6.311	-0.007
6.333	-0.007
6.356	-0.007
6.378	-0.007
6.400	-0.007
6.422	-0.007
6.444	-0.007
6.467	-0.007
6.489	-0.007
6.511	-0.008
6.533	-0.008
6.556	-0.008
6.578	-0.008
6.600	-0.008
6.622	-0.008
6.644	-0.008
6.667	-0.008
6.689	-0.008
6.711	-0.008
6.733	-0.008
6.756	-0.008
6.778	-0.008
6.800	-0.008
6.822	-0.008
6.844	-0.008
6.867	-0.009
6.889	-0.009
6.911	-0.009
6.933	-0.009
6.956	-0.009
6.978	-0.009
7.000	-0.009
7.022	-0.009
7.044	-0.009
7.067	-0.009
7.089	-0.009
7.111	-0.009
7.133	-0.009
7.156	-0.009
7.178	-0.009
7.200	-0.009
7.222	-0.010
7.244	-0.010
7.267	-0.010
7.289	-0.010
7.311	-0.010
7.333	-0.010
7.356	-0.010
7.378	-0.010
7.400	-0.010
7.422	-0.010
7.444	-0.010
7.467	-0.010

7.489	-0.010
7.511	-0.010
7.533	-0.010
7.556	-0.010
7.578	-0.011
7.600	-0.011
7.622	-0.011
7.644	-0.011
7.667	-0.011
7.689	-0.011
7.711	-0.011
7.733	-0.011
7.756	-0.011
7.778	-0.011
7.800	-0.011
7.822	-0.011
7.844	-0.011
7.867	-0.011
7.889	-0.011
7.911	-0.011
7.933	-0.011
7.956	-0.011
7.978	-0.012
8.000	-0.012
8.022	-0.012
8.044	-0.012
8.067	-0.012
8.089	-0.012
8.111	-0.012
8.133	-0.012
8.156	-0.012
8.178	-0.012
8.200	-0.012
8.222	-0.012
8.244	-0.012
8.267	-0.012
8.289	-0.012
8.311	-0.012
8.333	-0.012
8.356	-0.012
8.378	-0.012
8.400	-0.012
8.422	-0.012
8.444	-0.012
8.467	-0.012
8.489	-0.012
8.511	-0.012
8.533	-0.012
8.556	-0.012
8.578	-0.012
8.600	-0.013
8.622	-0.013
8.644	-0.013
8.667	-0.013
8.689	-0.013
8.711	-0.013
8.733	-0.013
8.756	-0.013
8.778	-0.013
8.800	-0.013
8.822	-0.013
8.844	-0.013
8.867	-0.013
8.889	-0.013
8.911	-0.013

8.933	-0.013
8.956	-0.013
8.978	-0.013
9.000	-0.013
9.022	-0.013
9.044	-0.013
9.067	-0.014
9.089	-0.014
9.111	-0.014
9.133	-0.014
9.156	-0.014
9.178	-0.014
9.200	-0.014
9.222	-0.014
9.244	-0.014
9.267	-0.014
9.289	-0.014
9.311	-0.014
9.333	-0.014
9.356	-0.014
9.378	-0.014
9.400	-0.014
9.422	-0.014
9.444	-0.014
9.467	-0.014
9.489	-0.014
9.511	-0.014
9.533	-0.014
9.556	-0.014
9.578	-0.015
9.600	-0.015
9.622	-0.015
9.644	-0.015
9.667	-0.015
9.689	-0.015
9.711	-0.015
9.733	-0.015
9.756	-0.015
9.778	-0.015
9.800	-0.015
9.822	-0.015
9.844	-0.015
9.867	-0.015
9.889	-0.015
9.911	-0.015
9.933	-0.015
9.956	-0.015
9.978	-0.015
10.000	-0.015
10.022	-0.015
10.044	-0.015
10.067	-0.015
10.089	-0.015
10.111	-0.016
10.133	-0.016
10.156	-0.016
10.178	-0.016
10.200	-0.016
10.222	-0.016
10.244	-0.016
10.267	-0.016
10.289	-0.016
10.311	-0.016
10.333	-0.016
10.356	-0.016

10.378	-0.016
10.400	-0.016
10.422	-0.016
10.444	-0.016
10.467	-0.016
10.489	-0.016
10.511	-0.016
10.533	-0.016
10.556	-0.016
10.578	-0.016
10.600	-0.016
10.622	-0.016
10.644	-0.016
10.667	-0.017
10.689	-0.017
10.711	-0.017
10.733	-0.017
10.756	-0.017
10.778	-0.017
10.800	-0.017
10.822	-0.017
10.844	-0.017
10.867	-0.017
10.889	-0.017
10.911	-0.017
10.933	-0.017
10.956	-0.017
10.978	-0.017
11.000	-0.017
11.022	-0.017
11.044	-0.017
11.067	-0.017
11.089	-0.017
11.111	-0.017
11.133	-0.017
11.156	-0.017
11.178	-0.017
11.200	-0.017
11.222	-0.017
11.244	-0.017
11.267	-0.018
11.289	-0.018
11.311	-0.018
11.333	-0.018
11.356	-0.018
11.378	-0.018
11.400	-0.018
11.422	-0.018
11.444	-0.018
11.467	-0.018
11.489	-0.018
11.511	-0.018
11.533	-0.018
11.556	-0.018
11.578	-0.018
11.600	-0.018
11.622	-0.018
11.644	-0.018
11.667	-0.018
11.689	-0.018
11.711	-0.018
11.733	-0.018
11.756	-0.018
11.778	-0.018
11.800	-0.018

11.822	-0.018
11.844	-0.018
11.867	-0.018
11.889	-0.018
11.911	-0.019
11.933	-0.019
11.956	-0.019
11.978	-0.019
12.000	-0.019
12.022	-0.019
12.044	-0.019
12.067	-0.019
12.089	-0.019
12.111	-0.019
12.133	-0.019
12.156	-0.019
12.178	-0.019
12.200	-0.019
12.222	-0.019
12.244	-0.019
12.267	-0.019
12.289	-0.019
12.311	-0.019
12.333	-0.019
12.356	-0.019
12.378	-0.019
12.400	-0.019
12.422	-0.019
12.444	-0.019
12.467	-0.019
12.489	-0.019
12.511	-0.019
12.533	-0.019
12.556	-0.019
12.578	-0.019
12.600	-0.020
12.622	-0.020
12.644	-0.020
12.667	-0.020
12.689	-0.020
12.711	-0.020
12.733	-0.020
12.756	-0.020
12.778	-0.020
12.800	-0.020
12.822	-0.020
12.844	-0.020
12.867	-0.020
12.889	-0.020
12.911	-0.020
12.933	-0.020
12.956	-0.020
12.978	-0.020
13.000	-0.020
13.022	-0.020
13.044	-0.020
13.067	-0.020
13.089	-0.020
13.111	-0.020
13.133	-0.020
13.156	-0.020
13.178	-0.020
13.200	-0.020
13.222	-0.020
13.244	-0.020

13.267	-0.020
13.289	-0.020
13.311	-0.020
13.333	-0.021
13.356	-0.021
13.378	-0.021
13.400	-0.021
13.422	-0.021
13.444	-0.021
13.467	-0.021
13.489	-0.021
13.511	-0.021
13.533	-0.021
13.556	-0.021
13.578	-0.021
13.600	-0.021
13.622	-0.021
13.644	-0.021
13.667	-0.021
13.689	-0.021
13.711	-0.021
13.733	-0.021
13.756	-0.021
13.778	-0.021
13.800	-0.021
13.822	-0.021
13.844	-0.021
13.867	-0.021
13.889	-0.021
13.911	-0.021
13.933	-0.021
13.956	-0.021
13.978	-0.021
14.000	-0.021
14.022	-0.021
14.044	-0.021
14.067	-0.021
14.089	-0.021
14.111	-0.021
14.133	-0.022
14.156	-0.022
14.178	-0.022
14.200	-0.022
14.222	-0.022
14.244	-0.022
14.267	-0.022
14.289	-0.022
14.311	-0.022
14.333	-0.022
14.356	-0.022
14.378	-0.022
14.400	-0.022
14.422	-0.022
14.444	-0.022
14.467	-0.022
14.489	-0.022
14.511	-0.022
14.533	-0.022
14.556	-0.022
14.578	-0.022
14.600	-0.022
14.622	-0.022
14.644	-0.022
14.667	-0.022
14.689	-0.022

14.711	-0.022
14.733	-0.022
14.756	-0.022
14.778	-0.022
14.800	-0.022
14.822	-0.022
14.844	-0.022
14.867	-0.022
14.889	-0.022
14.911	-0.022
14.933	-0.022
14.956	-0.022
14.978	-0.022
15.000	-0.023
15.022	-0.023
15.044	-0.023
15.067	-0.023
15.089	-0.023
15.111	-0.023
15.133	-0.023
15.156	-0.023
15.178	-0.023
15.200	-0.023
15.222	-0.023
15.244	-0.023
15.267	-0.023
15.289	-0.023
15.311	-0.023
15.333	-0.023
15.356	-0.023
15.378	-0.023
15.400	-0.023
15.422	-0.023
15.444	-0.023
15.467	-0.023
15.489	-0.023
15.511	-0.023
15.533	-0.023
15.556	-0.023
15.578	-0.023
15.600	-0.023
15.622	-0.023
15.644	-0.023
15.667	-0.023
15.689	-0.023
15.711	-0.023
15.733	-0.023
15.756	-0.023
15.778	-0.023
15.800	-0.023
15.822	-0.023
15.844	-0.023
15.867	-0.023
15.889	-0.023
15.911	-0.023
15.933	-0.024
15.956	-0.024
15.978	-0.024
16.000	-0.024
16.022	-0.024
16.044	-0.024
16.067	-0.024
16.089	-0.024
16.111	-0.024
16.133	-0.024

16.156	-0.024
16.178	-0.024
16.200	-0.024
16.222	-0.024
16.244	-0.024
16.267	-0.024
16.289	-0.025
16.311	-0.025
16.333	-0.025
16.356	-0.025
16.378	-0.025
16.400	-0.025
16.422	-0.025
16.444	-0.025
16.467	-0.025
16.489	-0.025
16.511	-0.025
16.533	-0.025
16.556	-0.025
16.578	-0.025
16.600	-0.025
16.622	-0.025
16.644	-0.025
16.667	-0.025
16.689	-0.025
16.711	-0.025
16.733	-0.025
16.756	-0.025
16.778	-0.025
16.800	-0.025
16.822	-0.025
16.844	-0.025
16.867	-0.025
16.889	-0.025
16.911	-0.025
16.933	-0.025
16.956	-0.025
16.978	-0.025
17.000	-0.025
17.022	-0.025
17.044	-0.026
17.067	-0.026
17.089	-0.026
17.111	-0.026
17.133	-0.026
17.156	-0.026
17.178	-0.026
17.200	-0.026
17.222	-0.026
17.244	-0.026
17.267	-0.026
17.289	-0.026
17.311	-0.026
17.333	-0.026
17.356	-0.026
17.378	-0.026
17.400	-0.026
17.422	-0.026
17.444	-0.026
17.467	-0.026
17.489	-0.026
17.511	-0.026
17.533	-0.026
17.556	-0.026
17.578	-0.026

17.600	-0.026
17.622	-0.026
17.644	-0.026
17.667	-0.026
17.689	-0.026
17.711	-0.026
17.733	-0.026
17.756	-0.026
17.778	-0.026
17.800	-0.026
17.822	-0.026
17.844	-0.026
17.867	-0.026
17.889	-0.026
17.911	-0.026
17.933	-0.026
17.956	-0.026
17.978	-0.026
18.000	-0.026
18.022	-0.026
18.044	-0.026
18.067	-0.026
18.089	-0.027
18.111	-0.027
18.133	-0.027
18.156	-0.027
18.178	-0.027
18.200	-0.027
18.222	-0.027
18.244	-0.027
18.267	-0.027
18.289	-0.027
18.311	-0.027
18.333	-0.027
18.356	-0.027
18.378	-0.027
18.400	-0.027
18.422	-0.027
18.444	-0.027
18.467	-0.027
18.489	-0.027
18.511	-0.027
18.533	-0.027
18.556	-0.027
18.578	-0.027
18.600	-0.027
18.622	-0.027
18.644	-0.027
18.667	-0.027
18.689	-0.027
18.711	-0.027
18.733	-0.027
18.756	-0.027
18.778	-0.027
18.800	-0.027
18.822	-0.027
18.844	-0.027
18.867	-0.027
18.889	-0.027
18.911	-0.027
18.933	-0.027
18.956	-0.027
18.978	-0.027
19.000	-0.027
19.022	-0.027

19.044	-0.027
19.067	-0.027
19.089	-0.027
19.111	-0.027
19.133	-0.027
19.156	-0.027
19.178	-0.027
19.200	-0.027
19.222	-0.027
19.244	-0.028
19.267	-0.028
19.289	-0.028
19.311	-0.028
19.333	-0.028
19.356	-0.028
19.378	-0.028
19.400	-0.028
19.422	-0.028
19.444	-0.028
19.467	-0.028
19.489	-0.028
19.511	-0.028
19.533	-0.028
19.556	-0.028
19.578	-0.028
19.600	-0.028
19.622	-0.028
19.644	-0.028
19.667	-0.028
19.689	-0.028
19.711	-0.028
19.733	-0.028
19.756	-0.028
19.778	-0.028
19.800	-0.028
19.822	-0.028
19.844	-0.028
19.867	-0.028
19.889	-0.028
19.911	-0.028
19.933	-0.028
19.956	-0.028
19.978	-0.028
20.000	-0.028
20.022	-0.028
20.044	-0.028
20.067	-0.028
20.089	-0.028
20.111	-0.028
20.133	-0.028
20.156	-0.028
20.178	-0.028
20.200	-0.028
20.222	-0.028
20.244	-0.028
20.267	-0.028
20.289	-0.028
20.311	-0.028
20.333	-0.028
20.356	-0.028
20.378	-0.028
20.400	-0.028
20.422	-0.028
20.444	-0.028
20.467	-0.028

20.489	-0.028
20.511	-0.028
20.533	-0.029
20.556	-0.029
20.578	-0.029
20.600	-0.029
20.622	-0.029
20.644	-0.029
20.667	-0.029
20.689	-0.029
20.711	-0.029
20.733	-0.029
20.756	-0.029
20.778	-0.029
20.800	-0.029
20.822	-0.029
20.844	-0.029
20.867	-0.029
20.889	-0.029
20.911	-0.029
20.933	-0.029
20.956	-0.029
20.978	-0.029
21.000	-0.029
21.022	-0.029
21.044	-0.029
21.067	-0.029
21.089	-0.029
21.111	-0.029
21.133	-0.029
21.156	-0.029
21.178	-0.029
21.200	-0.029
21.222	-0.029
21.244	-0.029
21.267	-0.029
21.289	-0.029
21.311	-0.029
21.333	-0.029
21.356	-0.029
21.378	-0.029
21.400	-0.029
21.422	-0.029
21.444	-0.029
21.467	-0.029
21.489	-0.029
21.511	-0.029
21.533	-0.029
21.556	-0.029
21.578	-0.029
21.600	-0.029
21.622	-0.029
21.644	-0.029
21.667	-0.029
21.689	-0.029
21.711	-0.029
21.733	-0.029
21.756	-0.029
21.778	-0.029
21.800	-0.029
21.822	-0.029
21.844	-0.029
21.867	-0.029
21.889	-0.029
21.911	-0.029

21.933	-0.029
21.956	-0.029
21.978	-0.030
22.000	-0.030
22.022	-0.030
22.044	-0.030
22.067	-0.030
22.089	-0.030
22.111	-0.030
22.133	-0.030
22.156	-0.030
22.178	-0.030
22.200	-0.030
22.222	-0.030
22.244	-0.030
22.267	-0.030
22.289	-0.030
22.311	-0.030
22.333	-0.030
22.356	-0.030
22.378	-0.030
22.400	-0.030
22.422	-0.030
22.444	-0.030
22.467	-0.030
22.489	-0.030
22.511	-0.030
22.533	-0.030
22.556	-0.030
22.578	-0.030
22.600	-0.030
22.622	-0.030
22.644	-0.030
22.667	-0.030
22.689	-0.030
22.711	-0.030
22.733	-0.030
22.756	-0.030
22.778	-0.030
22.800	-0.030
22.822	-0.030
22.844	-0.030
22.867	-0.030
22.889	-0.030
22.911	-0.030
22.933	-0.030
22.956	-0.030
22.978	-0.030
23.000	-0.030
23.022	-0.030
23.044	-0.030
23.067	-0.030
23.089	-0.030
23.111	-0.030
23.133	-0.030
23.156	-0.030
23.178	-0.030
23.200	-0.030
23.222	-0.030
23.244	-0.030
23.267	-0.030
23.289	-0.030
23.311	-0.030
23.333	-0.030
23.356	-0.030

23.378	-0.030
23.400	-0.030
23.422	-0.030
23.444	-0.030
23.467	-0.030
23.489	-0.030
23.511	-0.030
23.533	-0.030
23.556	-0.030
23.578	-0.030
23.600	-0.031
23.622	-0.031
23.644	-0.031
23.667	-0.031
23.689	-0.031
23.711	-0.031
23.733	-0.031
23.756	-0.031
23.778	-0.031
23.800	-0.031
23.822	-0.031
23.844	-0.031
23.867	-0.031
23.889	-0.031
23.911	-0.031
23.933	-0.031
23.956	-0.031
23.978	-0.031
24.000	-0.031
24.022	-0.031
24.044	-0.031
24.067	-0.032
24.089	-0.033
24.111	-0.034
24.133	-0.035
24.156	-0.035
24.178	-0.036
24.200	-0.037
24.222	-0.038
24.244	-0.038
24.267	-0.038
24.289	-0.039
24.311	-0.039
24.333	-0.039
24.356	-0.040
24.378	-0.040
24.400	-0.040
24.422	-0.040
24.444	-0.040
24.467	-0.041
24.489	-0.041
24.511	-0.041
24.533	-0.041
24.556	-0.041
24.578	-0.041
24.600	-0.041
24.622	-0.041
24.644	-0.041
24.667	-0.042
24.689	-0.042
24.711	-0.042
24.733	-0.042
24.756	-0.042
24.778	-0.042
24.800	-0.042

24.822	-0.042
24.844	-0.042
24.867	-0.042
24.889	-0.042
24.911	-0.042
24.933	-0.042
24.956	-0.042
24.978	-0.042
25.000	-0.042
25.022	-0.042
25.044	-0.042
25.067	-0.042
25.089	-0.042
25.111	-0.042
25.133	-0.042
25.156	-0.042
25.178	-0.042
25.200	-0.042
25.222	-0.042
25.244	-0.042
25.267	-0.042
25.289	-0.042
25.311	-0.042
25.333	-0.042
25.356	-0.042
25.378	-0.042
25.400	-0.042
25.422	-0.042
25.444	-0.042
25.467	-0.042
25.489	-0.042
25.511	-0.042
25.533	-0.042
25.556	-0.042
25.578	-0.042
25.600	-0.043
25.622	-0.043
25.644	-0.043
25.667	-0.043
25.689	-0.043
25.711	-0.043
25.733	-0.043
25.756	-0.043
25.778	-0.043
25.800	-0.043
25.822	-0.043
25.844	-0.043
25.867	-0.043
25.889	-0.043
25.911	-0.043
25.933	-0.043
25.956	-0.043
25.978	-0.043
26.000	-0.043
26.022	-0.043
26.044	-0.043
26.067	-0.043
26.089	-0.043
26.111	-0.043
26.133	-0.043
26.156	-0.043
26.178	-0.043
26.200	-0.043
26.222	-0.043
26.244	-0.043

26.267	-0.043
26.289	-0.043
26.311	-0.043
26.333	-0.043
26.356	-0.043
26.378	-0.043
26.400	-0.043
26.422	-0.043
26.444	-0.043
26.467	-0.043
26.489	-0.043
26.511	-0.043
26.533	-0.043
26.556	-0.043
26.578	-0.043
26.600	-0.043
26.622	-0.043
26.644	-0.043
26.667	-0.043
26.689	-0.043
26.711	-0.043
26.733	-0.043
26.756	-0.043
26.778	-0.043
26.800	-0.043
26.822	-0.044
26.844	-0.044
26.867	-0.044
26.889	-0.044
26.911	-0.044
26.933	-0.044
26.956	-0.044
26.978	-0.044
27.000	-0.044
27.022	-0.044
27.044	-0.044
27.067	-0.044
27.089	-0.044
27.111	-0.044
27.133	-0.044
27.156	-0.044
27.178	-0.044
27.200	-0.044
27.222	-0.044
27.244	-0.044
27.267	-0.044
27.289	-0.044
27.311	-0.044
27.333	-0.044
27.356	-0.044
27.378	-0.044
27.400	-0.044
27.422	-0.044
27.444	-0.044
27.467	-0.044
27.489	-0.044
27.511	-0.044
27.533	-0.044
27.556	-0.044
27.578	-0.044
27.600	-0.044
27.622	-0.044
27.644	-0.044
27.667	-0.044
27.689	-0.044

27.711	-0.044
27.733	-0.044
27.756	-0.044
27.778	-0.044
27.800	-0.044
27.822	-0.044
27.844	-0.044
27.867	-0.044
27.889	-0.044
27.911	-0.044
27.933	-0.044
27.956	-0.044
27.978	-0.044
28.000	-0.044
28.022	-0.044
28.044	-0.044
28.067	-0.044
28.089	-0.044
28.111	-0.044
28.133	-0.044
28.156	-0.044
28.178	-0.044
28.200	-0.045
28.222	-0.045
28.244	-0.045
28.267	-0.045
28.289	-0.045
28.311	-0.045
28.333	-0.045
28.356	-0.045
28.378	-0.045
28.400	-0.045
28.422	-0.045
28.444	-0.045
28.467	-0.045
28.489	-0.045
28.511	-0.045
28.533	-0.045
28.556	-0.045
28.578	-0.045
28.600	-0.045
28.622	-0.045
28.644	-0.045
28.667	-0.045
28.689	-0.045
28.711	-0.045
28.733	-0.045
28.756	-0.045
28.778	-0.045
28.800	-0.045
28.822	-0.045
28.844	-0.045
28.867	-0.045
28.889	-0.045
28.911	-0.045
28.933	-0.045
28.956	-0.045
28.978	-0.045
29.000	-0.045
29.022	-0.045
29.044	-0.045
29.067	-0.045
29.089	-0.045
29.111	-0.045
29.133	-0.045

29.156	-0.045
29.178	-0.045
29.200	-0.045
29.222	-0.045
29.244	-0.045
29.267	-0.045
29.289	-0.045
29.311	-0.045
29.333	-0.045
29.356	-0.045
29.378	-0.045
29.400	-0.045
29.422	-0.045
29.444	-0.045
29.467	-0.045
29.489	-0.045
29.511	-0.045
29.533	-0.045
29.556	-0.045
29.578	-0.045
29.600	-0.045
29.622	-0.045
29.644	-0.045
29.667	-0.045
29.689	-0.045
29.711	-0.045
29.733	-0.045
29.756	-0.045
29.778	-0.046
29.800	-0.046
29.822	-0.046
29.844	-0.046
29.867	-0.046
29.889	-0.046
29.911	-0.046
29.933	-0.046
29.956	-0.046
29.978	-0.046
30.000	-0.046
30.022	-0.046
30.044	-0.046
30.067	-0.046
30.089	-0.046
30.111	-0.046
30.133	-0.046
30.156	-0.046
30.178	-0.046
30.200	-0.046
30.222	-0.046
30.244	-0.046
30.267	-0.046
30.289	-0.046
30.311	-0.046
30.333	-0.046
30.356	-0.046
30.378	-0.046
30.400	-0.046
30.422	-0.046
30.444	-0.046
30.467	-0.046
30.489	-0.046
30.511	-0.046
30.533	-0.046
30.556	-0.046
30.578	-0.046

30.600	-0.046
30.622	-0.046
30.644	-0.046
30.667	-0.046
30.689	-0.046
30.711	-0.046
30.733	-0.046
30.756	-0.046
30.778	-0.046
30.800	-0.046
30.822	-0.046
30.844	-0.046
30.867	-0.046
30.889	-0.046
30.911	-0.046
30.933	-0.046
30.956	-0.046
30.978	-0.046
31.000	-0.046
31.022	-0.046
31.044	-0.046
31.067	-0.046
31.089	-0.046
31.111	-0.046
31.133	-0.046
31.156	-0.046
31.178	-0.046
31.200	-0.046
31.222	-0.046
31.244	-0.046
31.267	-0.046
31.289	-0.046
31.311	-0.046
31.333	-0.046
31.356	-0.046
31.378	-0.046
31.400	-0.046
31.422	-0.046
31.444	-0.046
31.467	-0.046
31.489	-0.046
31.511	-0.046
31.533	-0.046
31.556	-0.046
31.578	-0.047
31.600	-0.047
31.622	-0.047
31.644	-0.047
31.667	-0.047
31.689	-0.047
31.711	-0.047
31.733	-0.047
31.756	-0.047
31.778	-0.047
31.800	-0.047
31.822	-0.047
31.844	-0.047
31.867	-0.047
31.889	-0.047
31.911	-0.047
31.933	-0.047
31.956	-0.047
31.978	-0.047
32.000	-0.047
32.022	-0.049

32.044	-0.053
32.067	-0.060
32.089	-0.071
32.111	-0.084
32.133	-0.097
32.156	-0.108
32.178	-0.118
32.200	-0.126
32.222	-0.133
32.244	-0.139
32.267	-0.144
32.289	-0.148
32.311	-0.152
32.333	-0.156
32.356	-0.159
32.378	-0.162
32.400	-0.165
32.422	-0.151
32.444	-0.091
32.467	-0.047
32.489	-0.048
32.511	-0.050
32.533	-0.051
32.556	-0.052
32.578	-0.052
32.600	-0.053
32.622	-0.054
32.644	-0.055
32.667	-0.055
32.689	-0.056
32.711	-0.056
32.733	-0.057
32.756	-0.057
32.778	-0.058
32.800	-0.058
32.822	-0.058
32.844	-0.059
32.867	-0.059
32.889	-0.059
32.911	-0.060
32.933	-0.060
32.956	-0.060
32.978	-0.060
33.000	-0.060
33.022	-0.060
33.044	-0.061
33.067	-0.061
33.089	-0.061
33.111	-0.061
33.133	-0.061
33.156	-0.061
33.178	-0.062
33.200	-0.062
33.222	-0.062
33.244	-0.062
33.267	-0.062
33.289	-0.062
33.311	-0.062
33.333	-0.062
33.356	-0.062
33.378	-0.062
33.400	-0.062
33.422	-0.062
33.444	-0.062
33.467	-0.063

33.489	-0.063
33.511	-0.063
33.533	-0.063
33.556	-0.063
33.578	-0.063
33.600	-0.063
33.622	-0.063
33.644	-0.063
33.667	-0.063
33.689	-0.063
33.711	-0.063
33.733	-0.063
33.756	-0.063
33.778	-0.063
33.800	-0.063
33.822	-0.063
33.844	-0.063
33.867	-0.063
33.889	-0.063
33.911	-0.063
33.933	-0.063
33.956	-0.063
33.978	-0.063
34.000	-0.063
34.022	-0.063
34.044	-0.063
34.067	-0.063
34.089	-0.063
34.111	-0.063
34.133	-0.063
34.156	-0.063
34.178	-0.063
34.200	-0.063
34.222	-0.063
34.244	-0.063
34.267	-0.063
34.289	-0.063
34.311	-0.063
34.333	-0.063
34.356	-0.063
34.378	-0.063
34.400	-0.063
34.422	-0.063
34.444	-0.063
34.467	-0.063
34.489	-0.063
34.511	-0.063
34.533	-0.063
34.556	-0.063
34.578	-0.063
34.600	-0.063
34.622	-0.063
34.644	-0.063
34.667	-0.063
34.689	-0.063
34.711	-0.063
34.733	-0.063
34.756	-0.063
34.778	-0.063
34.800	-0.063
34.822	-0.063
34.844	-0.063
34.867	-0.063
34.889	-0.063
34.911	-0.063

34.933	-0.063
34.956	-0.063
34.978	-0.063
35.000	-0.063
35.022	-0.063
35.044	-0.063
35.067	-0.063
35.089	-0.063
35.111	-0.063
35.133	-0.063
35.156	-0.063
35.178	-0.063
35.200	-0.063
35.222	-0.063
35.244	-0.063
35.267	-0.063
35.289	-0.063
35.311	-0.063
35.333	-0.063
35.356	-0.063
35.378	-0.063
35.400	-0.063
35.422	-0.063
35.444	-0.063
35.467	-0.063
35.489	-0.063
35.511	-0.063
35.533	-0.063
35.556	-0.063
35.578	-0.063
35.600	-0.063
35.622	-0.063
35.644	-0.063
35.667	-0.063
35.689	-0.063
35.711	-0.063
35.733	-0.063
35.756	-0.063
35.778	-0.063
35.800	-0.063
35.822	-0.063
35.844	-0.063
35.867	-0.063
35.889	-0.063
35.911	-0.062
35.933	-0.062
35.956	-0.062
35.978	-0.062
36.000	-0.062
36.022	-0.062
36.044	-0.062
36.067	-0.062
36.089	-0.062
36.111	-0.062
36.133	-0.062
36.156	-0.062
36.178	-0.062
36.200	-0.062
36.222	-0.062
36.244	-0.062
36.267	-0.062
36.289	-0.062
36.311	-0.062
36.333	-0.062
36.356	-0.062

36.378	-0.062
36.400	-0.062
36.422	-0.062
36.444	-0.062
36.467	-0.062
36.489	-0.062
36.511	-0.062
36.533	-0.062
36.556	-0.062
36.578	-0.062
36.600	-0.062
36.622	-0.062
36.644	-0.062
36.667	-0.062
36.689	-0.062
36.711	-0.062
36.733	-0.062
36.756	-0.062
36.778	-0.062
36.800	-0.062
36.822	-0.062
36.844	-0.062
36.867	-0.062
36.889	-0.062
36.911	-0.062
36.933	-0.062
36.956	-0.062
36.978	-0.062
37.000	-0.062
37.022	-0.062
37.044	-0.062
37.067	-0.062
37.089	-0.062
37.111	-0.062
37.133	-0.062
37.156	-0.062
37.178	-0.062
37.200	-0.062
37.222	-0.062
37.244	-0.062
37.267	-0.062
37.289	-0.062
37.311	-0.062
37.333	-0.062
37.356	-0.062
37.378	-0.062
37.400	-0.062
37.422	-0.062
37.444	-0.062
37.467	-0.062
37.489	-0.062
37.511	-0.062
37.533	-0.062
37.556	-0.062
37.578	-0.062
37.600	-0.062
37.622	-0.062
37.644	-0.062
37.667	-0.062
37.689	-0.062
37.711	-0.062
37.733	-0.062
37.756	-0.062
37.778	-0.062
37.800	-0.062

37.822	-0.062
37.844	-0.062
37.867	-0.062
37.889	-0.062
37.911	-0.062
37.933	-0.062
37.956	-0.062
37.978	-0.062
38.000	-0.062
38.022	-0.062
38.044	-0.062
38.067	-0.062
38.089	-0.062
38.111	-0.062
38.133	-0.062
38.156	-0.062
38.178	-0.062
38.200	-0.062
38.222	-0.062
38.244	-0.062
38.267	-0.062
38.289	-0.062
38.311	-0.062
38.333	-0.062
38.356	-0.062
38.378	-0.062
38.400	-0.062
38.422	-0.062
38.444	-0.062
38.467	-0.062
38.489	-0.062
38.511	-0.062
38.533	-0.062
38.556	-0.062
38.578	-0.062
38.600	-0.062
38.622	-0.062
38.644	-0.062
38.667	-0.062
38.689	-0.062
38.711	-0.062
38.733	-0.062
38.756	-0.062
38.778	-0.062
38.800	-0.062
38.822	-0.062
38.844	-0.062
38.867	-0.062
38.889	-0.062
38.911	-0.062
38.933	-0.062
38.956	-0.062
38.978	-0.062
39.000	-0.062
39.022	-0.062
39.044	-0.062
39.067	-0.062
39.089	-0.062
39.111	-0.062
39.133	-0.062
39.156	-0.062
39.178	-0.062
39.200	-0.062
39.222	-0.062
39.244	-0.062

39.267	-0.062
39.289	-0.062
39.311	-0.062
39.333	-0.062
39.356	-0.062
39.378	-0.062
39.400	-0.062
39.422	-0.062
39.444	-0.062
39.467	-0.062
39.489	-0.062
39.511	-0.062
39.533	-0.062
39.556	-0.062
39.578	-0.062
39.600	-0.062
39.622	-0.062
39.644	-0.062
39.667	-0.062
39.689	-0.062
39.711	-0.062
39.733	-0.062
39.756	-0.062
39.778	-0.062
39.800	-0.062
39.822	-0.062
39.844	-0.062
39.867	-0.062
39.889	-0.062
39.911	-0.062
39.933	-0.062
39.956	-0.062
39.978	-0.062
40.000	-0.062
40.022	-0.062
40.044	-0.062
40.067	-0.062
40.089	-0.062
40.111	-0.062
40.133	-0.062
40.156	-0.062
40.178	-0.061
40.200	-0.061
40.222	-0.061
40.244	-0.061
40.267	-0.060
40.289	-0.060
40.311	-0.060
40.333	-0.059
40.356	-0.059
40.378	-0.059
40.400	-0.058
40.422	-0.058
40.444	-0.058
40.467	-0.058
40.489	-0.057
40.511	-0.057
40.533	-0.057
40.556	-0.056
40.578	-0.056
40.600	-0.056
40.622	-0.056
40.644	-0.055
40.667	-0.055
40.689	-0.055

40.711	-0.055
40.733	-0.054
40.756	-0.054
40.778	-0.054
40.800	-0.054
40.822	-0.054
40.844	-0.053
40.867	-0.053
40.889	-0.053
40.911	-0.053
40.933	-0.053
40.956	-0.052
40.978	-0.052
41.000	-0.052
41.022	-0.052
41.044	-0.052
41.067	-0.052
41.089	-0.051
41.111	-0.051
41.133	-0.051
41.156	-0.051
41.178	-0.051
41.200	-0.051
41.222	-0.051
41.244	-0.050
41.267	-0.050
41.289	-0.050
41.311	-0.050
41.333	-0.050
41.356	-0.050
41.378	-0.050
41.400	-0.049
41.422	-0.049
41.444	-0.049
41.467	-0.049
41.489	-0.049
41.511	-0.049
41.533	-0.049
41.556	-0.049
41.578	-0.049
41.600	-0.048
41.622	-0.048
41.644	-0.048
41.667	-0.048
41.689	-0.048
41.711	-0.048
41.733	-0.048
41.756	-0.048
41.778	-0.048
41.800	-0.047
41.822	-0.047
41.844	-0.047
41.867	-0.047
41.889	-0.047
41.911	-0.047
41.933	-0.047
41.956	-0.047
41.978	-0.047
42.000	-0.047
42.022	-0.047
42.044	-0.046
42.067	-0.046
42.089	-0.046
42.111	-0.046
42.133	-0.046

42.156	-0.046
42.178	-0.046
42.200	-0.046
42.222	-0.046
42.244	-0.046
42.267	-0.046
42.289	-0.045
42.311	-0.045
42.333	-0.045
42.356	-0.045
42.378	-0.045
42.400	-0.045
42.422	-0.045
42.444	-0.045
42.467	-0.045
42.489	-0.045
42.511	-0.045
42.533	-0.045
42.556	-0.045
42.578	-0.044
42.600	-0.044
42.622	-0.044
42.644	-0.044
42.667	-0.044
42.689	-0.044
42.711	-0.044
42.733	-0.044
42.756	-0.044
42.778	-0.044
42.800	-0.044
42.822	-0.044
42.844	-0.044
42.867	-0.044
42.889	-0.044
42.911	-0.043
42.933	-0.043
42.956	-0.043
42.978	-0.043
43.000	-0.043
43.022	-0.043
43.044	-0.043
43.067	-0.043
43.089	-0.043
43.111	-0.043
43.133	-0.043
43.156	-0.043
43.178	-0.043
43.200	-0.043
43.222	-0.043
43.244	-0.043
43.267	-0.042
43.289	-0.042
43.311	-0.042
43.333	-0.042
43.356	-0.042
43.378	-0.042
43.400	-0.042
43.422	-0.042
43.444	-0.042
43.467	-0.042
43.489	-0.042
43.511	-0.042
43.533	-0.042
43.556	-0.042
43.578	-0.042

43.600	-0.042
43.622	-0.042
43.644	-0.042
43.667	-0.041
43.689	-0.041
43.711	-0.041
43.733	-0.041
43.756	-0.041
43.778	-0.041
43.800	-0.041
43.822	-0.041
43.844	-0.041
43.867	-0.041
43.889	-0.041
43.911	-0.041
43.933	-0.041
43.956	-0.041
43.978	-0.041
44.000	-0.041
44.022	-0.041
44.044	-0.041
44.067	-0.041
44.089	-0.040
44.111	-0.040
44.133	-0.040
44.156	-0.040
44.178	-0.040
44.200	-0.040
44.222	-0.040
44.244	-0.040
44.267	-0.040
44.289	-0.040
44.311	-0.040
44.333	-0.040
44.356	-0.040
44.378	-0.040
44.400	-0.040
44.422	-0.040
44.444	-0.040
44.467	-0.040
44.489	-0.040
44.511	-0.040
44.533	-0.040
44.556	-0.040
44.578	-0.039
44.600	-0.039
44.622	-0.039
44.644	-0.039
44.667	-0.039
44.689	-0.039
44.711	-0.039
44.733	-0.039
44.756	-0.039
44.778	-0.039
44.800	-0.039
44.822	-0.039
44.844	-0.039
44.867	-0.039
44.889	-0.039
44.911	-0.039
44.933	-0.039
44.956	-0.039
44.978	-0.039
45.000	-0.039
45.022	-0.039

45.044	-0.039
45.067	-0.039
45.089	-0.039
45.111	-0.039
45.133	-0.038
45.156	-0.038
45.178	-0.038
45.200	-0.038
45.222	-0.038
45.244	-0.038
45.267	-0.038
45.289	-0.038
45.311	-0.038
45.333	-0.038
45.356	-0.038
45.378	-0.038
45.400	-0.038
45.422	-0.038
45.444	-0.038
45.467	-0.038
45.489	-0.038
45.511	-0.038
45.533	-0.038
45.556	-0.038
45.578	-0.038
45.600	-0.038
45.622	-0.038
45.644	-0.038
45.667	-0.038
45.689	-0.038
45.711	-0.038
45.733	-0.038
45.756	-0.037
45.778	-0.037
45.800	-0.037
45.822	-0.037
45.844	-0.037
45.867	-0.037
45.889	-0.037
45.911	-0.037
45.933	-0.037
45.956	-0.037
45.978	-0.037
46.000	-0.037
46.022	-0.037
46.044	-0.037
46.067	-0.037
46.089	-0.037
46.111	-0.037
46.133	-0.037
46.156	-0.037
46.178	-0.037
46.200	-0.037
46.222	-0.037
46.244	-0.037
46.267	-0.037
46.289	-0.037
46.311	-0.037
46.333	-0.037
46.356	-0.037
46.378	-0.037
46.400	-0.037
46.422	-0.037
46.444	-0.036
46.467	-0.036

46.489	-0.036
46.511	-0.036
46.533	-0.036
46.556	-0.036
46.578	-0.036
46.600	-0.036
46.622	-0.036
46.644	-0.036
46.667	-0.036
46.689	-0.036
46.711	-0.036
46.733	-0.036
46.756	-0.036
46.778	-0.036
46.800	-0.036
46.822	-0.036
46.844	-0.036
46.867	-0.036
46.889	-0.036
46.911	-0.036
46.933	-0.036
46.956	-0.036
46.978	-0.036
47.000	-0.036
47.022	-0.036
47.044	-0.036
47.067	-0.036
47.089	-0.036
47.111	-0.036
47.133	-0.036
47.156	-0.036
47.178	-0.036
47.200	-0.036
47.222	-0.036
47.244	-0.035
47.267	-0.035
47.289	-0.035
47.311	-0.035
47.333	-0.035
47.356	-0.035
47.378	-0.035
47.400	-0.035
47.422	-0.035
47.444	-0.035
47.467	-0.035
47.489	-0.035
47.511	-0.035
47.533	-0.035
47.556	-0.035
47.578	-0.035
47.600	-0.035
47.622	-0.035
47.644	-0.035
47.667	-0.035
47.689	-0.035
47.711	-0.035
47.733	-0.035
47.756	-0.035
47.778	-0.035
47.800	-0.035
47.822	-0.035
47.844	-0.035
47.867	-0.035
47.889	-0.035
47.911	-0.035

47.933	-0.035
47.956	-0.035
47.978	-0.035
48.000	-0.035
48.022	-0.035
48.044	-0.035
48.067	-0.035
48.089	-0.035
48.111	-0.035
48.133	-0.035
48.156	-0.035
48.178	-0.035
48.200	-0.035
48.222	-0.035
48.244	-0.035
48.267	-0.035
48.289	-0.035
48.311	-0.035
48.333	-0.035
48.356	-0.035
48.378	-0.035
48.400	-0.035
48.422	-0.035
48.444	-0.035
48.467	-0.035
48.489	-0.035
48.511	-0.035
48.533	-0.035
48.556	-0.035
48.578	-0.035
48.600	-0.035
48.622	-0.035
48.644	-0.035
48.667	-0.035
48.689	-0.035
48.711	-0.035
48.733	-0.035
48.756	-0.035
48.778	-0.035
48.800	-0.035
48.822	-0.035
48.844	-0.035
48.867	-0.035
48.889	-0.035
48.911	-0.035
48.933	-0.035
48.956	-0.035
48.978	-0.035
49.000	-0.035
49.022	-0.035
49.044	-0.035
49.067	-0.035
49.089	-0.035
49.111	-0.035
49.133	-0.035
49.156	-0.035
49.178	-0.035
49.200	-0.035
49.222	-0.035
49.244	-0.035
49.267	-0.035
49.289	-0.035
49.311	-0.035
49.333	-0.035
49.356	-0.035

49.378	-0.035
49.400	-0.035
49.422	-0.035
49.444	-0.035
49.467	-0.035
49.489	-0.035
49.511	-0.035
49.533	-0.035
49.556	-0.035
49.578	-0.035
49.600	-0.035
49.622	-0.035
49.644	-0.035
49.667	-0.035
49.689	-0.035
49.711	-0.035
49.733	-0.035
49.756	-0.035
49.778	-0.035
49.800	-0.035
49.822	-0.035
49.844	-0.035
49.867	-0.035
49.889	-0.035
49.911	-0.035
49.933	-0.035
49.956	-0.035
49.978	-0.035
50.000	-0.035
50.022	-0.035
50.044	-0.035
50.067	-0.035
50.089	-0.035
50.111	-0.035
50.133	-0.035
50.156	-0.035
50.178	-0.035
50.200	-0.035
50.222	-0.035
50.244	-0.035
50.267	-0.035
50.289	-0.035
50.311	-0.035
50.333	-0.035
50.356	-0.035
50.378	-0.035
50.400	-0.035
50.422	-0.035
50.444	-0.035
50.467	-0.035
50.489	-0.035
50.511	-0.035
50.533	-0.035
50.556	-0.035
50.578	-0.035
50.600	-0.035
50.622	-0.035
50.644	-0.035
50.667	-0.035
50.689	-0.035
50.711	-0.035
50.733	-0.035
50.756	-0.035
50.778	-0.035
50.800	-0.035

50.822	-0.035
50.844	-0.035
50.867	-0.035
50.889	-0.035
50.911	-0.035
50.933	-0.035
50.956	-0.035
50.978	-0.035
51.000	-0.035
51.022	-0.035
51.044	-0.035
51.067	-0.035
51.089	-0.035
51.111	-0.035
51.133	-0.035
51.156	-0.035
51.178	-0.035
51.200	-0.035
51.222	-0.035
51.244	-0.035
51.267	-0.035
51.289	-0.035
51.311	-0.035
51.333	-0.035
51.356	-0.035
51.378	-0.035
51.400	-0.035
51.422	-0.035
51.444	-0.035
51.467	-0.035
51.489	-0.035
51.511	-0.035
51.533	-0.034
51.556	-0.034
51.578	-0.034
51.600	-0.034
51.622	-0.034
51.644	-0.034
51.667	-0.034
51.689	-0.034
51.711	-0.034
51.733	-0.034
51.756	-0.034
51.778	-0.034
51.800	-0.034
51.822	-0.034
51.844	-0.034
51.867	-0.034
51.889	-0.034
51.911	-0.034
51.933	-0.034
51.956	-0.034
51.978	-0.034
52.000	-0.034
52.022	-0.034
52.044	-0.034
52.067	-0.034
52.089	-0.034
52.111	-0.034
52.133	-0.034
52.156	-0.034
52.178	-0.034
52.200	-0.034
52.222	-0.034
52.244	-0.034

52.267	-0.034
52.289	-0.034
52.311	-0.034
52.333	-0.034
52.356	-0.034
52.378	-0.034
52.400	-0.034
52.422	-0.034
52.444	-0.034
52.467	-0.034
52.489	-0.034
52.511	-0.034
52.533	-0.034
52.556	-0.034
52.578	-0.034
52.600	-0.034
52.622	-0.034
52.644	-0.034
52.667	-0.034
52.689	-0.034
52.711	-0.034
52.733	-0.034
52.756	-0.034
52.778	-0.034
52.800	-0.034
52.822	-0.034
52.844	-0.034
52.867	-0.034
52.889	-0.034
52.911	-0.034
52.933	-0.034
52.956	-0.034
52.978	-0.034
53.000	-0.034
53.022	-0.034
53.044	-0.034
53.067	-0.034
53.089	-0.034
53.111	-0.034
53.133	-0.034
53.156	-0.034
53.178	-0.034
53.200	-0.034
53.222	-0.034
53.244	-0.034
53.267	-0.034
53.289	-0.034
53.311	-0.034
53.333	-0.034
53.356	-0.034
53.378	-0.034
53.400	-0.034
53.422	-0.034
53.444	-0.034
53.467	-0.034
53.489	-0.034
53.511	-0.034
53.533	-0.034
53.556	-0.034
53.578	-0.034
53.600	-0.034
53.622	-0.034
53.644	-0.034
53.667	-0.034
53.689	-0.034

53.711	-0.034
53.733	-0.034
53.756	-0.034
53.778	-0.034
53.800	-0.034
53.822	-0.034
53.844	-0.034
53.867	-0.034
53.889	-0.034
53.911	-0.034
53.933	-0.034
53.956	-0.034
53.978	-0.034
54.000	-0.034
54.022	-0.034
54.044	-0.034
54.067	-0.034
54.089	-0.034
54.111	-0.034
54.133	-0.034
54.156	-0.034
54.178	-0.034
54.200	-0.034
54.222	-0.034
54.244	-0.034
54.267	-0.034
54.289	-0.034
54.311	-0.034
54.333	-0.034
54.356	-0.034
54.378	-0.034
54.400	-0.034
54.422	-0.034
54.444	-0.034
54.467	-0.034
54.489	-0.034
54.511	-0.034
54.533	-0.034
54.556	-0.034
54.578	-0.034
54.600	-0.034
54.622	-0.034
54.644	-0.034
54.667	-0.034
54.689	-0.034
54.711	-0.034
54.733	-0.034
54.756	-0.034
54.778	-0.034
54.800	-0.034
54.822	-0.034
54.844	-0.034
54.867	-0.034
54.889	-0.034
54.911	-0.034
54.933	-0.034
54.956	-0.034
54.978	-0.034
55.000	-0.034
55.022	-0.034
55.044	-0.034
55.067	-0.034
55.089	-0.034
55.111	-0.034
55.133	-0.034

55.156	-0.034
55.178	-0.034
55.200	-0.034
55.222	-0.034
55.244	-0.034
55.267	-0.034
55.289	-0.034
55.311	-0.034
55.333	-0.034
55.356	-0.034
55.378	-0.034
55.400	-0.034
55.422	-0.034
55.444	-0.034
55.467	-0.034
55.489	-0.034
55.511	-0.034
55.533	-0.033
55.556	-0.033
55.578	-0.033
55.600	-0.033
55.622	-0.033
55.644	-0.033
55.667	-0.033
55.689	-0.033
55.711	-0.033
55.733	-0.033
55.756	-0.033
55.778	-0.033
55.800	-0.033
55.822	-0.033
55.844	-0.033
55.867	-0.033
55.889	-0.033
55.911	-0.033
55.933	-0.033
55.956	-0.033
55.978	-0.033
56.000	-0.033
56.022	-0.033
56.044	-0.033
56.067	-0.033
56.089	-0.033
56.111	-0.033
56.133	-0.033
56.156	-0.033
56.178	-0.033
56.200	-0.033
56.222	-0.033
56.244	-0.033
56.267	-0.033
56.289	-0.033
56.311	-0.033
56.333	-0.033
56.356	-0.033
56.378	-0.033
56.400	-0.033
56.422	-0.033
56.444	-0.033
56.467	-0.033
56.489	-0.033
56.511	-0.033
56.533	-0.033
56.556	-0.033
56.578	-0.033

56.600	-0.033
56.622	-0.033
56.644	-0.033
56.667	-0.033
56.689	-0.033
56.711	-0.033
56.733	-0.033
56.756	-0.033
56.778	-0.033
56.800	-0.033
56.822	-0.033
56.844	-0.033
56.867	-0.033
56.889	-0.033
56.911	-0.033
56.933	-0.033
56.956	-0.033
56.978	-0.033
57.000	-0.033
57.022	-0.033
57.044	-0.033
57.067	-0.033
57.089	-0.033
57.111	-0.033
57.133	-0.033
57.156	-0.033
57.178	-0.033
57.200	-0.033
57.222	-0.033
57.244	-0.033
57.267	-0.033
57.289	-0.033
57.311	-0.033
57.333	-0.033
57.356	-0.033
57.378	-0.033
57.400	-0.033
57.422	-0.033
57.444	-0.033
57.467	-0.033
57.489	-0.033
57.511	-0.033
57.533	-0.033
57.556	-0.033
57.578	-0.033
57.600	-0.033
57.622	-0.033
57.644	-0.033
57.667	-0.033
57.689	-0.033
57.711	-0.033
57.733	-0.033
57.756	-0.033
57.778	-0.033
57.800	-0.033
57.822	-0.033
57.844	-0.033
57.867	-0.033
57.889	-0.033
57.911	-0.033
57.933	-0.033
57.956	-0.033
57.978	-0.033
58.000	-0.033
58.022	-0.033

58.044	-0.033
58.067	-0.033
58.089	-0.033
58.111	-0.033
58.133	-0.033
58.156	-0.033
58.178	-0.033
58.200	-0.033
58.222	-0.033
58.244	-0.033
58.267	-0.033
58.289	-0.033
58.311	-0.033
58.333	-0.033
58.356	-0.033
58.378	-0.033
58.400	-0.033
58.422	-0.033
58.444	-0.033
58.467	-0.033
58.489	-0.033
58.511	-0.033
58.533	-0.033
58.556	-0.033
58.578	-0.033
58.600	-0.033
58.622	-0.033
58.644	-0.033
58.667	-0.033
58.689	-0.033
58.711	-0.033
58.733	-0.033
58.756	-0.033
58.778	-0.033
58.800	-0.033
58.822	-0.033
58.844	-0.033
58.867	-0.033
58.889	-0.033
58.911	-0.033
58.933	-0.033
58.956	-0.033
58.978	-0.033
59.000	-0.033
59.022	-0.033
59.044	-0.033
59.067	-0.033
59.089	-0.033
59.111	-0.033
59.133	-0.033
59.156	-0.033
59.178	-0.033
59.200	-0.033
59.222	-0.033
59.244	-0.033
59.267	-0.033
59.289	-0.033
59.311	-0.033
59.333	-0.033
59.356	-0.033
59.378	-0.033
59.400	-0.033
59.422	-0.033
59.444	-0.033
59.467	-0.033

59.489	-0.033
59.511	-0.033
59.533	-0.033
59.556	-0.033
59.578	-0.033
59.600	-0.033
59.622	-0.033
59.644	-0.033
59.667	-0.033
59.689	-0.033
59.711	-0.033
59.733	-0.033
59.756	-0.033
59.778	-0.033
59.800	-0.033
59.822	-0.033
59.844	-0.033
59.867	-0.033
59.889	-0.033
59.911	-0.033
59.933	-0.033
59.956	-0.033
59.978	-0.033
60.000	-0.033
60.022	-0.033
60.044	-0.033
60.067	-0.033
60.089	-0.033
60.111	-0.033
60.133	-0.033
60.156	-0.033
60.178	-0.033
60.200	-0.033
60.222	-0.033
60.244	-0.033
60.267	-0.033
60.289	-0.033
60.311	-0.033
60.333	-0.033
60.356	-0.033
60.378	-0.033
60.400	-0.033
60.422	-0.033
60.444	-0.033
60.467	-0.033
60.489	-0.033
60.511	-0.033
60.533	-0.033
60.556	-0.033
60.578	-0.033
60.600	-0.033
60.622	-0.033
60.644	-0.033
60.667	-0.033
60.689	-0.033
60.711	-0.033
60.733	-0.033
60.756	-0.033
60.778	-0.033
60.800	-0.033
60.822	-0.033
60.844	-0.033
60.867	-0.033
60.889	-0.033
60.911	-0.033

60.933	-0.033
60.956	-0.033
60.978	-0.033
61.000	-0.033
61.022	-0.033
61.044	-0.033
61.067	-0.033
61.089	-0.033
61.111	-0.033
61.133	-0.033
61.156	-0.033
61.178	-0.033
61.200	-0.033
61.222	-0.033
61.244	-0.033
61.267	-0.033
61.289	-0.033
61.311	-0.033
61.333	-0.033
61.356	-0.033
61.378	-0.033
61.400	-0.033
61.422	-0.032
61.444	-0.032
61.467	-0.032
61.489	-0.032
61.511	-0.032
61.533	-0.032
61.556	-0.032
61.578	-0.032
61.600	-0.032
61.622	-0.032
61.644	-0.032
61.667	-0.032
61.689	-0.032
61.711	-0.032
61.733	-0.032
61.756	-0.032
61.778	-0.032
61.800	-0.032
61.822	-0.032
61.844	-0.032
61.867	-0.032
61.889	-0.032
61.911	-0.032
61.933	-0.032
61.956	-0.032
61.978	-0.032
62.000	-0.032
62.022	-0.032
62.044	-0.032
62.067	-0.032
62.089	-0.032
62.111	-0.032
62.133	-0.032
62.156	-0.032
62.178	-0.032
62.200	-0.032
62.222	-0.032
62.244	-0.032
62.267	-0.032
62.289	-0.032
62.311	-0.032
62.333	-0.032
62.356	-0.032

62.378	-0.032
62.400	-0.032
62.422	-0.032
62.444	-0.032
62.467	-0.032
62.489	-0.032
62.511	-0.032
62.533	-0.032
62.556	-0.032
62.578	-0.032
62.600	-0.032
62.622	-0.032
62.644	-0.032
62.667	-0.032
62.689	-0.031
62.711	-0.031
62.733	-0.031
62.756	-0.031
62.778	-0.031
62.800	-0.031
62.822	-0.031
62.844	-0.031
62.867	-0.031
62.889	-0.031
62.911	-0.031
62.933	-0.031
62.956	-0.031
62.978	-0.031
63.000	-0.031
63.022	-0.031
63.044	-0.031
63.067	-0.031
63.089	-0.031
63.111	-0.031
63.133	-0.031
63.156	-0.031
63.178	-0.031
63.200	-0.031
63.222	-0.031
63.244	-0.031
63.267	-0.031
63.289	-0.031
63.311	-0.031
63.333	-0.031
63.356	-0.031
63.378	-0.031
63.400	-0.031
63.422	-0.031
63.444	-0.031
63.467	-0.031
63.489	-0.031
63.511	-0.031
63.533	-0.031
63.556	-0.031
63.578	-0.030
63.600	-0.030
63.622	-0.030
63.644	-0.030
63.667	-0.030
63.689	-0.030
63.711	-0.030
63.733	-0.030
63.756	-0.030
63.778	-0.030
63.800	-0.030

63.822	-0.030
63.844	-0.030
63.867	-0.030
63.889	-0.030
63.911	-0.030
63.933	-0.030
63.956	-0.030
63.978	-0.030
64.000	-0.030
64.022	-0.030
64.044	-0.030
64.067	-0.030
64.089	-0.030
64.111	-0.030
64.133	-0.030
64.156	-0.030
64.178	-0.030
64.200	-0.030
64.222	-0.030
64.244	-0.030
64.267	-0.030
64.289	-0.030
64.311	-0.030
64.333	-0.030
64.356	-0.030
64.378	-0.030
64.400	-0.030
64.422	-0.030
64.444	-0.030
64.467	-0.030
64.489	-0.030
64.511	-0.030
64.533	-0.030
64.556	-0.030
64.578	-0.030
64.600	-0.029
64.622	-0.029
64.644	-0.029
64.667	-0.029
64.689	-0.029
64.711	-0.029
64.733	-0.029
64.756	-0.029
64.778	-0.029
64.800	-0.029
64.822	-0.029
64.844	-0.029
64.867	-0.029
64.889	-0.029
64.911	-0.029
64.933	-0.029
64.956	-0.029
64.978	-0.029
65.000	-0.029
65.022	-0.029
65.044	-0.029
65.067	-0.029
65.089	-0.029
65.111	-0.029
65.133	-0.029
65.156	-0.029
65.178	-0.029
65.200	-0.029
65.222	-0.029
65.244	-0.029

65.267	-0.029
65.289	-0.029
65.311	-0.029
65.333	-0.029
65.356	-0.029
65.378	-0.029
65.400	-0.029
65.422	-0.029
65.444	-0.029
65.467	-0.029
65.489	-0.029
65.511	-0.029
65.533	-0.029
65.556	-0.029
65.578	-0.029
65.600	-0.029
65.622	-0.029
65.644	-0.029
65.667	-0.029
65.689	-0.029
65.711	-0.029
65.733	-0.029
65.756	-0.029
65.778	-0.029
65.800	-0.029
65.822	-0.029
65.844	-0.029
65.867	-0.028
65.889	-0.028
65.911	-0.028
65.933	-0.028
65.956	-0.028
65.978	-0.028
66.000	-0.028
66.022	-0.028
66.044	-0.028
66.067	-0.028
66.089	-0.028
66.111	-0.028
66.133	-0.028
66.156	-0.028
66.178	-0.028
66.200	-0.028
66.222	-0.028
66.244	-0.028
66.267	-0.028
66.289	-0.028
66.311	-0.028
66.333	-0.028
66.356	-0.028
66.378	-0.028
66.400	-0.028
66.422	-0.028
66.444	-0.028
66.467	-0.028
66.489	-0.028
66.511	-0.028
66.533	-0.028
66.556	-0.028
66.578	-0.028
66.600	-0.028
66.622	-0.028
66.644	-0.028
66.667	-0.028
66.689	-0.028

66.711	-0.028
66.733	-0.028
66.756	-0.028
66.778	-0.028
66.800	-0.028
66.822	-0.028
66.844	-0.028
66.867	-0.028
66.889	-0.028
66.911	-0.028
66.933	-0.028
66.956	-0.028
66.978	-0.028
67.000	-0.028
67.022	-0.028
67.044	-0.028
67.067	-0.028
67.089	-0.028
67.111	-0.028
67.133	-0.028
67.156	-0.028
67.178	-0.028
67.200	-0.028
67.222	-0.028
67.244	-0.028
67.267	-0.028
67.289	-0.028
67.311	-0.028
67.333	-0.028
67.356	-0.028
67.378	-0.028
67.400	-0.028
67.422	-0.028
67.444	-0.027
67.467	-0.027
67.489	-0.027
67.511	-0.027
67.533	-0.027
67.556	-0.027
67.578	-0.027
67.600	-0.027
67.622	-0.027
67.644	-0.027
67.667	-0.027
67.689	-0.027
67.711	-0.027
67.733	-0.027
67.756	-0.027
67.778	-0.027
67.800	-0.027
67.822	-0.027
67.844	-0.027
67.867	-0.027
67.889	-0.027
67.911	-0.027
67.933	-0.027
67.956	-0.027
67.978	-0.027
68.000	-0.027
68.022	-0.027
68.044	-0.027
68.067	-0.027
68.089	-0.027
68.111	-0.027
68.133	-0.027

68.156	-0.027
68.178	-0.027
68.200	-0.027
68.222	-0.027
68.244	-0.027
68.267	-0.027
68.289	-0.027
68.311	-0.027
68.333	-0.027
68.356	-0.027
68.378	-0.027
68.400	-0.027
68.422	-0.027
68.444	-0.027
68.467	-0.027
68.489	-0.027
68.511	-0.027
68.533	-0.027
68.556	-0.027
68.578	-0.027
68.600	-0.027
68.622	-0.027
68.644	-0.027
68.667	-0.027
68.689	-0.027
68.711	-0.027
68.733	-0.027
68.756	-0.027
68.778	-0.027
68.800	-0.027
68.822	-0.027
68.844	-0.027
68.867	-0.027
68.889	-0.027
68.911	-0.027
68.933	-0.027
68.956	-0.027
68.978	-0.027
69.000	-0.027
69.022	-0.027
69.044	-0.027
69.067	-0.027
69.089	-0.027
69.111	-0.027
69.133	-0.027
69.156	-0.027
69.178	-0.027
69.200	-0.027
69.222	-0.027
69.244	-0.027
69.267	-0.027
69.289	-0.027
69.311	-0.027
69.333	-0.027
69.356	-0.026
69.378	-0.026
69.400	-0.026
69.422	-0.026
69.444	-0.026
69.467	-0.026
69.489	-0.026
69.511	-0.026
69.533	-0.026
69.556	-0.026
69.578	-0.026

69.600	-0.026
69.622	-0.026
69.644	-0.026
69.667	-0.026
69.689	-0.026
69.711	-0.026
69.733	-0.026
69.756	-0.026
69.778	-0.026
69.800	-0.026
69.822	-0.026
69.844	-0.026
69.867	-0.026
69.889	-0.026
69.911	-0.026
69.933	-0.026
69.956	-0.026
69.978	-0.026
70.000	-0.026
70.022	-0.026
70.044	-0.026
70.067	-0.026
70.089	-0.026
70.111	-0.026
70.133	-0.026
70.156	-0.026
70.178	-0.026
70.200	-0.026
70.222	-0.026
70.244	-0.026
70.267	-0.026
70.289	-0.026
70.311	-0.026
70.333	-0.026
70.356	-0.026
70.378	-0.026
70.400	-0.026
70.422	-0.026
70.444	-0.026
70.467	-0.026
70.489	-0.026
70.511	-0.026
70.533	-0.026
70.556	-0.026
70.578	-0.026
70.600	-0.026
70.622	-0.026
70.644	-0.026
70.667	-0.026
70.689	-0.026
70.711	-0.026
70.733	-0.026
70.756	-0.026
70.778	-0.026
70.800	-0.026
70.822	-0.026
70.844	-0.026
70.867	-0.026
70.889	-0.026
70.911	-0.026
70.933	-0.026
70.956	-0.026
70.978	-0.026
71.000	-0.026
71.022	-0.026

71.044	-0.026
71.067	-0.026
71.089	-0.026
71.111	-0.026
71.133	-0.026
71.156	-0.026
71.178	-0.026
71.200	-0.026
71.222	-0.026
71.244	-0.026
71.267	-0.026
71.289	-0.026
71.311	-0.026
71.333	-0.026
71.356	-0.026
71.378	-0.026
71.400	-0.026
71.422	-0.026
71.444	-0.026
71.467	-0.026
71.489	-0.026
71.511	-0.026
71.533	-0.026
71.556	-0.026
71.578	-0.026
71.600	-0.026
71.622	-0.025
71.644	-0.025
71.667	-0.025
71.689	-0.025
71.711	-0.025
71.733	-0.025
71.756	-0.025
71.778	-0.025
71.800	-0.025
71.822	-0.025
71.844	-0.025
71.867	-0.025
71.889	-0.025
71.911	-0.025
71.933	-0.025
71.956	-0.025
71.978	-0.025
72.000	-0.025
72.022	-0.025
72.044	-0.025
72.067	-0.025
72.089	-0.025
72.111	-0.025
72.133	-0.025
72.156	-0.025
72.178	-0.025
72.200	-0.025
72.222	-0.025
72.244	-0.025
72.267	-0.025
72.289	-0.024
72.311	-0.024
72.333	-0.024
72.356	-0.024
72.378	-0.024
72.400	-0.024
72.422	-0.024
72.444	-0.024
72.467	-0.024

72.489	-0.024
72.511	-0.024
72.533	-0.024
72.556	-0.024
72.578	-0.024
72.600	-0.024
72.622	-0.024
72.644	-0.024
72.667	-0.024
72.689	-0.024
72.711	-0.024
72.733	-0.024
72.756	-0.024
72.778	-0.024
72.800	-0.024
72.822	-0.024
72.844	-0.023
72.867	-0.023
72.889	-0.023
72.911	-0.023
72.933	-0.023
72.956	-0.023
72.978	-0.023
73.000	-0.023
73.022	-0.023
73.044	-0.023
73.067	-0.023
73.089	-0.023
73.111	-0.023
73.133	-0.023
73.156	-0.023
73.178	-0.023
73.200	-0.023
73.222	-0.023
73.244	-0.023
73.267	-0.023
73.289	-0.023
73.311	-0.023
73.333	-0.023
73.356	-0.023
73.378	-0.023
73.400	-0.023
73.422	-0.023
73.444	-0.023
73.467	-0.023
73.489	-0.023
73.511	-0.023
73.533	-0.023
73.556	-0.023
73.578	-0.023
73.600	-0.023
73.622	-0.023
73.644	-0.023
73.667	-0.023
73.689	-0.023
73.711	-0.023
73.733	-0.023
73.756	-0.023
73.778	-0.023
73.800	-0.023
73.822	-0.023
73.844	-0.023
73.867	-0.023
73.889	-0.023
73.911	-0.023

73.933	-0.023
73.956	-0.023
73.978	-0.023
74.000	-0.023
74.022	-0.023
74.044	-0.023
74.067	-0.023
74.089	-0.023
74.111	-0.023
74.133	-0.023
74.156	-0.023
74.178	-0.023
74.200	-0.023
74.222	-0.023
74.244	-0.023
74.267	-0.023
74.289	-0.023
74.311	-0.023
74.333	-0.023
74.356	-0.023
74.378	-0.023
74.400	-0.023
74.422	-0.023
74.444	-0.023
74.467	-0.023
74.489	-0.023
74.511	-0.023
74.533	-0.023
74.556	-0.023
74.578	-0.023
74.600	-0.023
74.622	-0.023
74.644	-0.023
74.667	-0.023
74.689	-0.023
74.711	-0.023
74.733	-0.023
74.756	-0.023
74.778	-0.023
74.800	-0.023
74.822	-0.023
74.844	-0.023
74.867	-0.023
74.889	-0.023
74.911	-0.023
74.933	-0.023
74.956	-0.023
74.978	-0.023
75.000	-0.023
75.022	-0.023
75.044	-0.023
75.067	-0.023
75.089	-0.023
75.111	-0.023
75.133	-0.023
75.156	-0.023
75.178	-0.023
75.200	-0.023
75.222	-0.023
75.244	-0.023
75.267	-0.023
75.289	-0.023
75.311	-0.023
75.333	-0.023
75.356	-0.023

75.378	-0.023
75.400	-0.023
75.422	-0.023
75.444	-0.023
75.467	-0.023
75.489	-0.023
75.511	-0.023
75.533	-0.023
75.556	-0.023
75.578	-0.023
75.600	-0.023
75.622	-0.023
75.644	-0.023
75.667	-0.023
75.689	-0.023
75.711	-0.023
75.733	-0.023
75.756	-0.023
75.778	-0.023
75.800	-0.023
75.822	-0.023
75.844	-0.023
75.867	-0.023
75.889	-0.023
75.911	-0.023
75.933	-0.023
75.956	-0.023
75.978	-0.023
76.000	-0.023
76.022	-0.023
76.044	-0.023
76.067	-0.023
76.089	-0.023
76.111	-0.023
76.133	-0.023
76.156	-0.023
76.178	-0.023
76.200	-0.023
76.222	-0.023
76.244	-0.023
76.267	-0.023
76.289	-0.023
76.311	-0.023
76.333	-0.023
76.356	-0.023
76.378	-0.023
76.400	-0.023
76.422	-0.023
76.444	-0.023
76.467	-0.023
76.489	-0.023
76.511	-0.023
76.533	-0.023
76.556	-0.023
76.578	-0.023
76.600	-0.023
76.622	-0.023
76.644	-0.023
76.667	-0.023
76.689	-0.023
76.711	-0.022
76.733	-0.022
76.756	-0.022
76.778	-0.022
76.800	-0.022

76.822	-0.022
76.844	-0.022
76.867	-0.022
76.889	-0.022
76.911	-0.022
76.933	-0.022
76.956	-0.022
76.978	-0.022
77.000	-0.022
77.022	-0.022
77.044	-0.022
77.067	-0.022
77.089	-0.022
77.111	-0.022
77.133	-0.022
77.156	-0.022
77.178	-0.022
77.200	-0.022
77.222	-0.022
77.244	-0.022
77.267	-0.022
77.289	-0.022
77.311	-0.022
77.333	-0.022
77.356	-0.022
77.378	-0.022
77.400	-0.022
77.422	-0.022
77.444	-0.022
77.467	-0.022
77.489	-0.022
77.511	-0.022
77.533	-0.022
77.556	-0.022
77.578	-0.022
77.600	-0.022
77.622	-0.022
77.644	-0.022
77.667	-0.022
77.689	-0.022
77.711	-0.022
77.733	-0.022
77.756	-0.022
77.778	-0.022
77.800	-0.022
77.822	-0.022
77.844	-0.022
77.867	-0.022
77.889	-0.022
77.911	-0.022
77.933	-0.022
77.956	-0.022
77.978	-0.022
78.000	-0.022
78.022	-0.022
78.044	-0.022
78.067	-0.022
78.089	-0.022
78.111	-0.022
78.133	-0.022
78.156	-0.022
78.178	-0.022
78.200	-0.022
78.222	-0.022
78.244	-0.022

78.267	-0.022
78.289	-0.022
78.311	-0.022
78.333	-0.022
78.356	-0.022
78.378	-0.022
78.400	-0.022
78.422	-0.022
78.444	-0.022
78.467	-0.022
78.489	-0.022
78.511	-0.022
78.533	-0.022
78.556	-0.022
78.578	-0.022
78.600	-0.022
78.622	-0.022
78.644	-0.022
78.667	-0.022
78.689	-0.022
78.711	-0.022
78.733	-0.022
78.756	-0.022
78.778	-0.022
78.800	-0.022
78.822	-0.022
78.844	-0.022
78.867	-0.022
78.889	-0.022
78.911	-0.022
78.933	-0.022
78.956	-0.022
78.978	-0.022
79.000	-0.022
79.022	-0.022
79.044	-0.022
79.067	-0.022
79.089	-0.022
79.111	-0.022
79.133	-0.022
79.156	-0.022
79.178	-0.022
79.200	-0.022
79.222	-0.022
79.244	-0.022
79.267	-0.022
79.289	-0.022
79.311	-0.022
79.333	-0.022
79.356	-0.022
79.378	-0.022
79.400	-0.022
79.422	-0.022
79.444	-0.022
79.467	-0.022
79.489	-0.022
79.511	-0.022
79.533	-0.022
79.556	-0.022
79.578	-0.022
79.600	-0.022
79.622	-0.022
79.644	-0.022
79.667	-0.022
79.689	-0.022

79.711	-0.022
79.733	-0.022
79.756	-0.022
79.778	-0.022
79.800	-0.022
79.822	-0.022
79.844	-0.022
79.867	-0.022
79.889	-0.022
79.911	-0.022
79.933	-0.022
79.956	-0.022
79.978	-0.022
80.000	-0.022
80.022	-0.022
80.044	-0.022
80.067	-0.022
80.089	-0.022
80.111	-0.022
80.133	-0.022
80.156	-0.022
80.178	-0.022
80.200	-0.022
80.222	-0.022
80.244	-0.022
80.267	-0.022
80.289	-0.022
80.311	-0.022
80.333	-0.022
80.356	-0.022
80.378	-0.022
80.400	-0.022
80.422	-0.022
80.444	-0.022
80.467	-0.022
80.489	-0.022
80.511	-0.022
80.533	-0.022
80.556	-0.022
80.578	-0.022
80.600	-0.022
80.622	-0.022
80.644	-0.022
80.667	-0.022
80.689	-0.022
80.711	-0.022
80.733	-0.022
80.756	-0.022
80.778	-0.022
80.800	-0.022
80.822	-0.022
80.844	-0.022
80.867	-0.022
80.889	-0.022
80.911	-0.022
80.933	-0.022
80.956	-0.022
80.978	-0.022
81.000	-0.022
81.022	-0.022
81.044	-0.022
81.067	-0.022
81.089	-0.022
81.111	-0.022
81.133	-0.022

81.156	-0.022
81.178	-0.022
81.200	-0.022
81.222	-0.022
81.244	-0.022
81.267	-0.021
81.289	-0.021
81.311	-0.021
81.333	-0.021
81.356	-0.021
81.378	-0.021
81.400	-0.021
81.422	-0.021
81.444	-0.021
81.467	-0.021
81.489	-0.021
81.511	-0.021
81.533	-0.021
81.556	-0.021
81.578	-0.021
81.600	-0.021
81.622	-0.021
81.644	-0.021
81.667	-0.021
81.689	-0.021
81.711	-0.021
81.733	-0.021
81.756	-0.021
81.778	-0.021
81.800	-0.021
81.822	-0.021
81.844	-0.021
81.867	-0.021
81.889	-0.021
81.911	-0.021
81.933	-0.021
81.956	-0.021
81.978	-0.021
82.000	-0.021
82.022	-0.021
82.044	-0.021
82.067	-0.021
82.089	-0.021
82.111	-0.021
82.133	-0.021
82.156	-0.021
82.178	-0.021
82.200	-0.021
82.222	-0.021
82.244	-0.021
82.267	-0.021
82.289	-0.021
82.311	-0.021
82.333	-0.021
82.356	-0.021
82.378	-0.021
82.400	-0.021
82.422	-0.021
82.444	-0.021
82.467	-0.021
82.489	-0.021
82.511	-0.021
82.533	-0.021
82.556	-0.021
82.578	-0.021

82.600	-0.021
82.622	-0.021
82.644	-0.021
82.667	-0.021
82.689	-0.021
82.711	-0.021
82.733	-0.021
82.756	-0.021
82.778	-0.021
82.800	-0.021
82.822	-0.021
82.844	-0.021
82.867	-0.021
82.889	-0.021
82.911	-0.021
82.933	-0.021
82.956	-0.021
82.978	-0.021
83.000	-0.021
83.022	-0.021
83.044	-0.021
83.067	-0.021
83.089	-0.021
83.111	-0.021
83.133	-0.021
83.156	-0.021
83.178	-0.021
83.200	-0.021
83.222	-0.021
83.244	-0.021
83.267	-0.021
83.289	-0.021
83.311	-0.021
83.333	-0.021
83.356	-0.021
83.378	-0.021
83.400	-0.021
83.422	-0.021
83.444	-0.021
83.467	-0.021
83.489	-0.021
83.511	-0.021
83.533	-0.021
83.556	-0.021
83.578	-0.021
83.600	-0.021
83.622	-0.021
83.644	-0.021
83.667	-0.021
83.689	-0.021
83.711	-0.021
83.733	-0.021
83.756	-0.021
83.778	-0.021
83.800	-0.021
83.822	-0.021
83.844	-0.021
83.867	-0.021
83.889	-0.021
83.911	-0.021
83.933	-0.021
83.956	-0.021
83.978	-0.021
84.000	-0.021
84.022	-0.021

84.044	-0.021
84.067	-0.021
84.089	-0.021
84.111	-0.021
84.133	-0.021
84.156	-0.021
84.178	-0.021
84.200	-0.021
84.222	-0.021
84.244	-0.021
84.267	-0.021
84.289	-0.021
84.311	-0.021
84.333	-0.021
84.356	-0.021
84.378	-0.021
84.400	-0.021
84.422	-0.021
84.444	-0.021
84.467	-0.021
84.489	-0.021
84.511	-0.021
84.533	-0.021
84.556	-0.021
84.578	-0.021
84.600	-0.021
84.622	-0.021
84.644	-0.021
84.667	-0.021
84.689	-0.021
84.711	-0.021
84.733	-0.021
84.756	-0.021
84.778	-0.021
84.800	-0.021
84.822	-0.021
84.844	-0.021
84.867	-0.021
84.889	-0.021
84.911	-0.021
84.933	-0.021
84.956	-0.021
84.978	-0.021
85.000	-0.021
85.022	-0.021
85.044	-0.021
85.067	-0.021
85.089	-0.021
85.111	-0.021
85.133	-0.021
85.156	-0.021
85.178	-0.021
85.200	-0.021
85.222	-0.021
85.244	-0.021
85.267	-0.021
85.289	-0.021
85.311	-0.021
85.333	-0.021
85.356	-0.021
85.378	-0.021
85.400	-0.021
85.422	-0.021
85.444	-0.021
85.467	-0.021

85.489	-0.021
85.511	-0.021
85.533	-0.021
85.556	-0.021
85.578	-0.021
85.600	-0.021
85.622	-0.021
85.644	-0.021
85.667	-0.021
85.689	-0.021
85.711	-0.021
85.733	-0.021
85.756	-0.021
85.778	-0.021
85.800	-0.021
85.822	-0.021
85.844	-0.021
85.867	-0.021
85.889	-0.021
85.911	-0.021
85.933	-0.021
85.956	-0.021
85.978	-0.021
86.000	-0.021
86.022	-0.021
86.044	-0.021
86.067	-0.021
86.089	-0.021
86.111	-0.021
86.133	-0.021
86.156	-0.021
86.178	-0.021
86.200	-0.021
86.222	-0.021
86.244	-0.021
86.267	-0.021
86.289	-0.021
86.311	-0.021
86.333	-0.021
86.356	-0.021
86.378	-0.021
86.400	-0.021
86.422	-0.021
86.444	-0.021
86.467	-0.021
86.489	-0.021
86.511	-0.021
86.533	-0.021
86.556	-0.021
86.578	-0.021
86.600	-0.021
86.622	-0.021
86.644	-0.021
86.667	-0.021
86.689	-0.021
86.711	-0.021
86.733	-0.021
86.756	-0.021
86.778	-0.021
86.800	-0.021
86.822	-0.021
86.844	-0.021
86.867	-0.021
86.889	-0.021
86.911	-0.021

86.933	-0.021
86.956	-0.021
86.978	-0.021
87.000	-0.021
87.022	-0.021
87.044	-0.021
87.067	-0.020
87.089	-0.020
87.111	-0.020
87.133	-0.020
87.156	-0.020
87.178	-0.020
87.200	-0.020
87.222	-0.020
87.244	-0.020
87.267	-0.020
87.289	-0.020
87.311	-0.020
87.333	-0.020
87.356	-0.020
87.378	-0.020
87.400	-0.020
87.422	-0.020
87.444	-0.020
87.467	-0.020
87.489	-0.020
87.511	-0.020
87.533	-0.020
87.556	-0.020
87.578	-0.020
87.600	-0.020
87.622	-0.020
87.644	-0.020
87.667	-0.020
87.689	-0.020
87.711	-0.020
87.733	-0.020
87.756	-0.020
87.778	-0.020
87.800	-0.020
87.822	-0.020
87.844	-0.020
87.867	-0.020
87.889	-0.020
87.911	-0.020
87.933	-0.020
87.956	-0.020
87.978	-0.020
88.000	-0.020
88.022	-0.020
88.044	-0.020
88.067	-0.020
88.089	-0.020
88.111	-0.020
88.133	-0.020
88.156	-0.020
88.178	-0.020
88.200	-0.020
88.222	-0.020
88.244	-0.020
88.267	-0.020
88.289	-0.020
88.311	-0.020
88.333	-0.020
88.356	-0.020

88.378	-0.020
88.400	-0.020
88.422	-0.020
88.444	-0.020
88.467	-0.020
88.489	-0.020
88.511	-0.020
88.533	-0.020
88.556	-0.020
88.578	-0.020
88.600	-0.020
88.622	-0.020
88.644	-0.020
88.667	-0.020
88.689	-0.020
88.711	-0.020
88.733	-0.020
88.756	-0.020
88.778	-0.020
88.800	-0.020
88.822	-0.020
88.844	-0.020
88.867	-0.020
88.889	-0.020
88.911	-0.020
88.933	-0.020
88.956	-0.020
88.978	-0.020
89.000	-0.020
89.022	-0.020
89.044	-0.020
89.067	-0.020
89.089	-0.020
89.111	-0.020
89.133	-0.020
89.156	-0.020
89.178	-0.020
89.200	-0.020
89.222	-0.020
89.244	-0.020
89.267	-0.020
89.289	-0.020
89.311	-0.020
89.333	-0.020
89.356	-0.020
89.378	-0.020
89.400	-0.020
89.422	-0.020
89.444	-0.020
89.467	-0.020
89.489	-0.020
89.511	-0.020
89.533	-0.020
89.556	-0.020
89.578	-0.020
89.600	-0.020
89.622	-0.020
89.644	-0.020
89.667	-0.020
89.689	-0.020
89.711	-0.020
89.733	-0.020
89.756	-0.020
89.778	-0.020
89.800	-0.020

89.822	-0.020
89.844	-0.020
89.867	-0.020
89.889	-0.020
89.911	-0.020
89.933	-0.020
89.956	-0.020
89.978	-0.020
90.000	-0.020
90.022	-0.020
90.044	-0.020
90.067	-0.020
90.089	-0.020
90.111	-0.020
90.133	-0.020
90.156	-0.020
90.178	-0.020
90.200	-0.020
90.222	-0.020
90.244	-0.020
90.267	-0.020
90.289	-0.020
90.311	-0.020
90.333	-0.020
90.356	-0.020
90.378	-0.020
90.400	-0.020
90.422	-0.020
90.444	-0.020
90.467	-0.020
90.489	-0.020
90.511	-0.020
90.533	-0.020
90.556	-0.020
90.578	-0.020
90.600	-0.020
90.622	-0.020
90.644	-0.020
90.667	-0.020
90.689	-0.020
90.711	-0.020
90.733	-0.020
90.756	-0.020
90.778	-0.020
90.800	-0.020
90.822	-0.020
90.844	-0.020
90.867	-0.020
90.889	-0.020
90.911	-0.020
90.933	-0.020
90.956	-0.020
90.978	-0.020
91.000	-0.020
91.022	-0.020
91.044	-0.020
91.067	-0.020
91.089	-0.020
91.111	-0.020
91.133	-0.020
91.156	-0.020
91.178	-0.020
91.200	-0.020
91.222	-0.020
91.244	-0.020

91.267	-0.020
91.289	-0.020
91.311	-0.020
91.333	-0.020
91.356	-0.020
91.378	-0.020
91.400	-0.020
91.422	-0.020
91.444	-0.020
91.467	-0.020
91.489	-0.020
91.511	-0.020
91.533	-0.020
91.556	-0.020
91.578	-0.020
91.600	-0.020
91.622	-0.020
91.644	-0.020
91.667	-0.020
91.689	-0.020
91.711	-0.020
91.733	-0.020
91.756	-0.020
91.778	-0.020
91.800	-0.020
91.822	-0.020
91.844	-0.020
91.867	-0.020
91.889	-0.020
91.911	-0.020
91.933	-0.020
91.956	-0.020
91.978	-0.020
92.000	-0.020
92.022	-0.020
92.044	-0.020
92.067	-0.020
92.089	-0.020
92.111	-0.020
92.133	-0.020
92.156	-0.020
92.178	-0.020
92.200	-0.020
92.222	-0.020
92.244	-0.020
92.267	-0.020
92.289	-0.020
92.311	-0.020
92.333	-0.020
92.356	-0.020
92.378	-0.020
92.400	-0.020
92.422	-0.020
92.444	-0.020
92.467	-0.020
92.489	-0.020
92.511	-0.020
92.533	-0.020
92.556	-0.020
92.578	-0.020
92.600	-0.019
92.622	-0.019
92.644	-0.019
92.667	-0.019
92.689	-0.019

92.711	-0.019
92.733	-0.019
92.756	-0.019
92.778	-0.019
92.800	-0.019
92.822	-0.019
92.844	-0.019
92.867	-0.019
92.889	-0.019
92.911	-0.019
92.933	-0.019
92.956	-0.019
92.978	-0.019
93.000	-0.019
93.022	-0.019
93.044	-0.019
93.067	-0.019
93.089	-0.019
93.111	-0.019
93.133	-0.019
93.156	-0.019
93.178	-0.019
93.200	-0.019
93.222	-0.019
93.244	-0.019
93.267	-0.019
93.289	-0.019
93.311	-0.019
93.333	-0.019
93.356	-0.019
93.378	-0.019
93.400	-0.019
93.422	-0.019
93.444	-0.019
93.467	-0.019
93.489	-0.019
93.511	-0.019
93.533	-0.019
93.556	-0.019
93.578	-0.019
93.600	-0.019
93.622	-0.019
93.644	-0.019
93.667	-0.019
93.689	-0.019
93.711	-0.019
93.733	-0.019
93.756	-0.019
93.778	-0.019
93.800	-0.019
93.822	-0.019
93.844	-0.019
93.867	-0.019
93.889	-0.019
93.911	-0.019
93.933	-0.019
93.956	-0.019
93.978	-0.019
94.000	-0.019
94.022	-0.019
94.044	-0.019
94.067	-0.019
94.089	-0.019
94.111	-0.019
94.133	-0.019

94.156	-0.019
94.178	-0.019
94.200	-0.019
94.222	-0.019
94.244	-0.019
94.267	-0.019
94.289	-0.019
94.311	-0.019
94.333	-0.019
94.356	-0.019
94.378	-0.019
94.400	-0.019
94.422	-0.019
94.444	-0.019
94.467	-0.019
94.489	-0.019
94.511	-0.019
94.533	-0.019
94.556	-0.019
94.578	-0.019
94.600	-0.019
94.622	-0.019
94.644	-0.019
94.667	-0.019
94.689	-0.019
94.711	-0.019
94.733	-0.019
94.756	-0.019
94.778	-0.019
94.800	-0.019
94.822	-0.019
94.844	-0.019
94.867	-0.019
94.889	-0.019
94.911	-0.019
94.933	-0.019
94.956	-0.019
94.978	-0.019
95.000	-0.019
95.022	-0.019
95.044	-0.019
95.067	-0.019
95.089	-0.019
95.111	-0.019
95.133	-0.019
95.156	-0.019
95.178	-0.019
95.200	-0.019
95.222	-0.019
95.244	-0.019
95.267	-0.019
95.289	-0.019
95.311	-0.019
95.333	-0.019
95.356	-0.019
95.378	-0.019
95.400	-0.019
95.422	-0.019
95.444	-0.019
95.467	-0.019
95.489	-0.019
95.511	-0.019
95.533	-0.019
95.556	-0.019
95.578	-0.019

95.600	-0.019
95.622	-0.019
95.644	-0.019
95.667	-0.019
95.689	-0.019
95.711	-0.019
95.733	-0.019
95.756	-0.019
95.778	-0.019
95.800	-0.019
95.822	-0.019
95.844	-0.019
95.867	-0.019
95.889	-0.019
95.911	-0.019
95.933	-0.019
95.956	-0.019
95.978	-0.019
96.000	-0.019
96.022	-0.019
96.044	-0.019
96.067	-0.019
96.089	-0.019
96.111	-0.019
96.133	-0.019
96.156	-0.019
96.178	-0.019
96.200	-0.019
96.222	-0.019
96.244	-0.019
96.267	-0.019
96.289	-0.019
96.311	-0.019
96.333	-0.019
96.356	-0.019
96.378	-0.019
96.400	-0.019
96.422	-0.019
96.444	-0.019
96.467	-0.019
96.489	-0.019
96.511	-0.019
96.533	-0.019
96.556	-0.019
96.578	-0.019
96.600	-0.019
96.622	-0.019
96.644	-0.019
96.667	-0.019
96.689	-0.019
96.711	-0.019
96.733	-0.019
96.756	-0.019
96.778	-0.019
96.800	-0.019
96.822	-0.019
96.844	-0.019
96.867	-0.019
96.889	-0.019
96.911	-0.019
96.933	-0.019
96.956	-0.019
96.978	-0.019
97.000	-0.019
97.022	-0.019

97.044	-0.019
97.067	-0.019
97.089	-0.019
97.111	-0.020
97.133	-0.020
97.156	-0.020
97.178	-0.020
97.200	-0.020
97.222	-0.020
97.244	-0.020
97.267	-0.020
97.289	-0.020
97.311	-0.020
97.333	-0.020
97.356	-0.020
97.378	-0.020
97.400	-0.020
97.422	-0.020
97.444	-0.020
97.467	-0.020
97.489	-0.020
97.511	-0.020
97.533	-0.020
97.556	-0.020
97.578	-0.020
97.600	-0.020
97.622	-0.020
97.644	-0.020
97.667	-0.020
97.689	-0.020
97.711	-0.020
97.733	-0.020
97.756	-0.020
97.778	-0.020
97.800	-0.020
97.822	-0.020
97.844	-0.020
97.867	-0.020
97.889	-0.020
97.911	-0.020
97.933	-0.020
97.956	-0.020
97.978	-0.020
98.000	-0.020
98.022	-0.020
98.044	-0.020
98.067	-0.020
98.089	-0.020
98.111	-0.020
98.133	-0.020
98.156	-0.020
98.178	-0.020
98.200	-0.019
98.222	-0.019
98.244	-0.019
98.267	-0.019
98.289	-0.019
98.311	-0.019
98.333	-0.019
98.356	-0.019
98.378	-0.019
98.400	-0.019
98.422	-0.019
98.444	-0.019
98.467	-0.019

98.489	-0.019
98.511	-0.019
98.533	-0.019
98.556	-0.019
98.578	-0.019
98.600	-0.019
98.622	-0.019
98.644	-0.019
98.667	-0.019
98.689	-0.019
98.711	-0.019
98.733	-0.019
98.756	-0.019
98.778	-0.019
98.800	-0.019
98.822	-0.019
98.844	-0.019
98.867	-0.019
98.889	-0.019
98.911	-0.019
98.933	-0.019
98.956	-0.019
98.978	-0.019
99.000	-0.019
99.022	-0.019
99.044	-0.019
99.067	-0.019
99.089	-0.019
99.111	-0.019
99.133	-0.019
99.156	-0.019
99.178	-0.019
99.200	-0.019
99.222	-0.019
99.244	-0.019
99.267	-0.019
99.289	-0.019
99.311	-0.019
99.333	-0.019
99.356	-0.019
99.378	-0.019
99.400	-0.019
99.422	-0.019
99.444	-0.019
99.467	-0.019
99.489	-0.019
99.511	-0.019
99.533	-0.019
99.556	-0.019
99.578	-0.019
99.600	-0.019
99.622	-0.019
99.644	-0.019
99.667	-0.019
99.689	-0.019
99.711	-0.019
99.733	-0.019
99.756	-0.019
99.778	-0.019
99.800	-0.019
99.822	-0.019
99.844	-0.019
99.867	-0.019
99.889	-0.019
99.911	-0.019

99.933	-0.019
99.956	-0.019
99.978	-0.019
100.000	-0.019
100.022	-0.019
100.044	-0.019
100.067	-0.019
100.089	-0.019
100.111	-0.019
100.133	-0.019
100.156	-0.019
100.178	-0.019
100.200	-0.019
100.222	-0.019
100.244	-0.019
100.267	-0.019
100.289	-0.019
100.311	-0.019
100.333	-0.019
100.356	-0.019
100.378	-0.019
100.400	-0.019
100.422	-0.019
100.444	-0.019
100.467	-0.019
100.489	-0.019
100.511	-0.019
100.533	-0.019
100.556	-0.019
100.578	-0.019
100.600	-0.019
100.622	-0.019
100.644	-0.019
100.667	-0.019
100.689	-0.019
100.711	-0.019
100.733	-0.019
100.756	-0.019
100.778	-0.019
100.800	-0.019
100.822	-0.019
100.844	-0.019
100.867	-0.019
100.889	-0.019
100.911	-0.019
100.933	-0.019
100.956	-0.019
100.978	-0.019
101.000	-0.019
101.022	-0.019
101.044	-0.019
101.067	-0.019
101.089	-0.019
101.111	-0.019
101.133	-0.019
101.156	-0.019
101.178	-0.019
101.200	-0.019
101.222	-0.019
101.244	-0.019
101.267	-0.019
101.289	-0.019
101.311	-0.019
101.333	-0.019
101.356	-0.019

101.378	-0.019
101.400	-0.019
101.422	-0.019
101.444	-0.019
101.467	-0.019
101.489	-0.019
101.511	-0.019
101.533	-0.019
101.556	-0.019
101.578	-0.019
101.600	-0.019
101.622	-0.019
101.644	-0.019
101.667	-0.019
101.689	-0.019
101.711	-0.019
101.733	-0.019
101.756	-0.019
101.778	-0.019
101.800	-0.019
101.822	-0.019
101.844	-0.019
101.867	-0.019
101.889	-0.019
101.911	-0.019
101.933	-0.019
101.956	-0.019
101.978	-0.019
102.000	-0.019
102.022	-0.019
102.044	-0.019
102.067	-0.019
102.089	-0.019
102.111	-0.019
102.133	-0.019
102.156	-0.019
102.178	-0.019
102.200	-0.019
102.222	-0.019
102.244	-0.019
102.267	-0.019
102.289	-0.019
102.311	-0.019
102.333	-0.019
102.356	-0.019
102.378	-0.019
102.400	-0.019
102.422	-0.019
102.444	-0.019
102.467	-0.019
102.489	-0.019
102.511	-0.019
102.533	-0.019
102.556	-0.019
102.578	-0.019
102.600	-0.019
102.622	-0.019
102.644	-0.019
102.667	-0.019
102.689	-0.019
102.711	-0.019
102.733	-0.019
102.756	-0.019
102.778	-0.019
102.800	-0.019

102.822	-0.019
102.844	-0.019
102.867	-0.019
102.889	-0.019
102.911	-0.019
102.933	-0.019
102.956	-0.019
102.978	-0.019
103.000	-0.018
103.022	-0.018
103.044	-0.018
103.067	-0.018
103.089	-0.018
103.111	-0.018
103.133	-0.018
103.156	-0.018
103.178	-0.018
103.200	-0.018
103.222	-0.018
103.244	-0.018
103.267	-0.018
103.289	-0.018
103.311	-0.018
103.333	-0.018
103.356	-0.018
103.378	-0.018
103.400	-0.018
103.422	-0.018
103.444	-0.018
103.467	-0.018
103.489	-0.018
103.511	-0.018
103.533	-0.018
103.556	-0.018
103.578	-0.018
103.600	-0.018
103.622	-0.018
103.644	-0.018
103.667	-0.018
103.689	-0.018
103.711	-0.018
103.733	-0.018
103.756	-0.018
103.778	-0.018
103.800	-0.018
103.822	-0.018
103.844	-0.018
103.867	-0.018
103.889	-0.018
103.911	-0.018
103.933	-0.018
103.956	-0.018
103.978	-0.018
104.000	-0.018
104.022	-0.018
104.044	-0.018
104.067	-0.018
104.089	-0.018
104.111	-0.018
104.133	-0.018
104.156	-0.018
104.178	-0.018
104.200	-0.018
104.222	-0.018
104.244	-0.018

104.267	-0.018
104.289	-0.018
104.311	-0.018
104.333	-0.018
104.356	-0.018
104.378	-0.018
104.400	-0.018
104.422	-0.018
104.444	-0.018
104.467	-0.018
104.489	-0.018
104.511	-0.018
104.533	-0.018
104.556	-0.018
104.578	-0.018
104.600	-0.018
104.622	-0.018
104.644	-0.018
104.667	-0.018
104.689	-0.018
104.711	-0.018
104.733	-0.018
104.756	-0.018
104.778	-0.018
104.800	-0.018
104.822	-0.018
104.844	-0.018
104.867	-0.018
104.889	-0.018
104.911	-0.018
104.933	-0.018
104.956	-0.018
104.978	-0.018
105.000	-0.018
105.022	-0.018
105.044	-0.018
105.067	-0.018
105.089	-0.018
105.111	-0.018
105.133	-0.018
105.156	-0.018
105.178	-0.018
105.200	-0.018
105.222	-0.018
105.244	-0.018
105.267	-0.018
105.289	-0.018
105.311	-0.018
105.333	-0.018
105.356	-0.018
105.378	-0.018
105.400	-0.018
105.422	-0.018
105.444	-0.018
105.467	-0.018
105.489	-0.018
105.511	-0.018
105.533	-0.018
105.556	-0.018
105.578	-0.018
105.600	-0.018
105.622	-0.018
105.644	-0.018
105.667	-0.018
105.689	-0.018

105.711	-0.018
105.733	-0.018
105.756	-0.018
105.778	-0.018
105.800	-0.018
105.822	-0.018
105.844	-0.018
105.867	-0.018
105.889	-0.018
105.911	-0.018
105.933	-0.018
105.956	-0.018
105.978	-0.018
106.000	-0.018
106.022	-0.018
106.044	-0.018
106.067	-0.018
106.089	-0.018
106.111	-0.018
106.133	-0.018
106.156	-0.018
106.178	-0.018
106.200	-0.018
106.222	-0.018
106.244	-0.018
106.267	-0.018
106.289	-0.018
106.311	-0.018
106.333	-0.018
106.356	-0.018
106.378	-0.018
106.400	-0.018
106.422	-0.018
106.444	-0.018
106.467	-0.018
106.489	-0.018
106.511	-0.018
106.533	-0.018
106.556	-0.018
106.578	-0.018
106.600	-0.018
106.622	-0.018
106.644	-0.018
106.667	-0.018
106.689	-0.018
106.711	-0.018
106.733	-0.018
106.756	-0.018
106.778	-0.018
106.800	-0.018
106.822	-0.018
106.844	-0.018
106.867	-0.018
106.889	-0.018
106.911	-0.018
106.933	-0.018
106.956	-0.018
106.978	-0.018
107.000	-0.018
107.022	-0.018
107.044	-0.018
107.067	-0.018
107.089	-0.018
107.111	-0.018
107.133	-0.018

107.156	-0.018
107.178	-0.018
107.200	-0.018
107.222	-0.018
107.244	-0.018
107.267	-0.018
107.289	-0.018
107.311	-0.018
107.333	-0.018
107.356	-0.018
107.378	-0.018
107.400	-0.018
107.422	-0.018
107.444	-0.018
107.467	-0.018
107.489	-0.018
107.511	-0.018
107.533	-0.018
107.556	-0.018
107.578	-0.018
107.600	-0.018
107.622	-0.018
107.644	-0.018
107.667	-0.018
107.689	-0.018
107.711	-0.018
107.733	-0.018
107.756	-0.018
107.778	-0.018
107.800	-0.018
107.822	-0.018
107.844	-0.018
107.867	-0.018
107.889	-0.018
107.911	-0.018
107.933	-0.018
107.956	-0.018
107.978	-0.018
108.000	-0.018
108.022	-0.018
108.044	-0.018
108.067	-0.018
108.089	-0.018
108.111	-0.018
108.133	-0.018
108.156	-0.018
108.178	-0.018
108.200	-0.018
108.222	-0.018
108.244	-0.018
108.267	-0.018
108.289	-0.018
108.311	-0.018
108.333	-0.018
108.356	-0.018
108.378	-0.018
108.400	-0.018
108.422	-0.018
108.444	-0.018
108.467	-0.018
108.489	-0.018
108.511	-0.018
108.533	-0.018
108.556	-0.018
108.578	-0.018

108.600	-0.018
108.622	-0.018
108.644	-0.018
108.667	-0.018
108.689	-0.018
108.711	-0.018
108.733	-0.018
108.756	-0.018
108.778	-0.018
108.800	-0.018
108.822	-0.018
108.844	-0.018
108.867	-0.018
108.889	-0.018
108.911	-0.018
108.933	-0.018
108.956	-0.018
108.978	-0.018
109.000	-0.018
109.022	-0.018
109.044	-0.018
109.067	-0.018
109.089	-0.018
109.111	-0.018
109.133	-0.018
109.156	-0.018
109.178	-0.018
109.200	-0.018
109.222	-0.018
109.244	-0.018
109.267	-0.018
109.289	-0.018
109.311	-0.018
109.333	-0.018
109.356	-0.018
109.378	-0.018
109.400	-0.018
109.422	-0.018
109.444	-0.018
109.467	-0.018
109.489	-0.018
109.511	-0.018
109.533	-0.018
109.556	-0.018
109.578	-0.018
109.600	-0.018
109.622	-0.018
109.644	-0.018
109.667	-0.018
109.689	-0.018
109.711	-0.018
109.733	-0.018
109.756	-0.018
109.778	-0.018
109.800	-0.018
109.822	-0.018
109.844	-0.018
109.867	-0.018
109.889	-0.018
109.911	-0.018
109.933	-0.018
109.956	-0.018
109.978	-0.018
110.000	-0.018
110.022	-0.018

110.044	-0.018
110.067	-0.017
110.089	-0.017
110.111	-0.017
110.133	-0.017
110.156	-0.017
110.178	-0.017
110.200	-0.017
110.222	-0.017
110.244	-0.017
110.267	-0.017
110.289	-0.017
110.311	-0.017
110.333	-0.017
110.356	-0.017
110.378	-0.017
110.400	-0.017
110.422	-0.017
110.444	-0.017
110.467	-0.017
110.489	-0.017
110.511	-0.017
110.533	-0.017
110.556	-0.017
110.578	-0.017
110.600	-0.017
110.622	-0.017
110.644	-0.017
110.667	-0.017
110.689	-0.017
110.711	-0.017
110.733	-0.017
110.756	-0.017
110.778	-0.017
110.800	-0.017
110.822	-0.017
110.844	-0.017
110.867	-0.017
110.889	-0.017
110.911	-0.017
110.933	-0.017
110.956	-0.017
110.978	-0.017
111.000	-0.017
111.022	-0.017
111.044	-0.017
111.067	-0.017
111.089	-0.017
111.111	-0.017
111.133	-0.017
111.156	-0.017
111.178	-0.017
111.200	-0.017
111.222	-0.017
111.244	-0.017
111.267	-0.017
111.289	-0.017
111.311	-0.017
111.333	-0.017
111.356	-0.017
111.378	-0.017
111.400	-0.017
111.422	-0.017
111.444	-0.017
111.467	-0.017

111.489	-0.017
111.511	-0.017
111.533	-0.017
111.556	-0.017
111.578	-0.017
111.600	-0.017
111.622	-0.017
111.644	-0.017
111.667	-0.017
111.689	-0.017
111.711	-0.017
111.733	-0.017
111.756	-0.017
111.778	-0.017
111.800	-0.017
111.822	-0.017
111.844	-0.017
111.867	-0.017
111.889	-0.017
111.911	-0.017
111.933	-0.017
111.956	-0.017
111.978	-0.017
112.000	-0.017
112.022	-0.017
112.044	-0.017
112.067	-0.017
112.089	-0.017
112.111	-0.017
112.133	-0.017
112.156	-0.017
112.178	-0.017
112.200	-0.017
112.222	-0.017
112.244	-0.017
112.267	-0.017
112.289	-0.017
112.311	-0.017
112.333	-0.017
112.356	-0.017
112.378	-0.017
112.400	-0.017
112.422	-0.017
112.444	-0.017
112.467	-0.017
112.489	-0.017
112.511	-0.017
112.533	-0.017
112.556	-0.017
112.578	-0.017
112.600	-0.017
112.622	-0.017
112.644	-0.017
112.667	-0.017
112.689	-0.017
112.711	-0.017
112.733	-0.017
112.756	-0.017
112.778	-0.017
112.800	-0.017
112.822	-0.017
112.844	-0.017
112.867	-0.017
112.889	-0.017
112.911	-0.017

112.933	-0.017
112.956	-0.017
112.978	-0.017
113.000	-0.017
113.022	-0.017
113.044	-0.017
113.067	-0.017
113.089	-0.017
113.111	-0.017
113.133	-0.017
113.156	-0.017
113.178	-0.017
113.200	-0.017
113.222	-0.017
113.244	-0.017
113.267	-0.017
113.289	-0.017
113.311	-0.017
113.333	-0.017
113.356	-0.017
113.378	-0.017
113.400	-0.017
113.422	-0.017
113.444	-0.017
113.467	-0.017
113.489	-0.017
113.511	-0.017
113.533	-0.017
113.556	-0.017
113.578	-0.017
113.600	-0.017
113.622	-0.017
113.644	-0.017
113.667	-0.017
113.689	-0.017
113.711	-0.017
113.733	-0.017
113.756	-0.017
113.778	-0.017
113.800	-0.017
113.822	-0.017
113.844	-0.017
113.867	-0.017
113.889	-0.017
113.911	-0.017
113.933	-0.017
113.956	-0.017
113.978	-0.017
114.000	-0.017
114.022	-0.017
114.044	-0.017
114.067	-0.017
114.089	-0.017
114.111	-0.017
114.133	-0.017
114.156	-0.017
114.178	-0.017
114.200	-0.017
114.222	-0.017
114.244	-0.017
114.267	-0.017
114.289	-0.017
114.311	-0.017
114.333	-0.017
114.356	-0.017

114.378	-0.017
114.400	-0.017
114.422	-0.017
114.444	-0.017
114.467	-0.017
114.489	-0.017
114.511	-0.017
114.533	-0.017
114.556	-0.017
114.578	-0.017
114.600	-0.017
114.622	-0.017
114.644	-0.017
114.667	-0.017
114.689	-0.017
114.711	-0.017
114.733	-0.017
114.756	-0.017
114.778	-0.017
114.800	-0.017
114.822	-0.017
114.844	-0.017
114.867	-0.017
114.889	-0.017
114.911	-0.017
114.933	-0.017
114.956	-0.017
114.978	-0.017
115.000	-0.017
115.022	-0.017
115.044	-0.017
115.067	-0.017
115.089	-0.017
115.111	-0.017
115.133	-0.017
115.156	-0.017
115.178	-0.017
115.200	-0.017
115.222	-0.017
115.244	-0.017
115.267	-0.017
115.289	-0.017
115.311	-0.017
115.333	-0.017
115.356	-0.017
115.378	-0.017
115.400	-0.017
115.422	-0.017
115.444	-0.017
115.467	-0.017
115.489	-0.017
115.511	-0.017
115.533	-0.017
115.556	-0.017
115.578	-0.017
115.600	-0.017
115.622	-0.017
115.644	-0.017
115.667	-0.017
115.689	-0.017
115.711	-0.017
115.733	-0.017
115.756	-0.017
115.778	-0.017
115.800	-0.017

115.822	-0.017
115.844	-0.017
115.867	-0.017
115.889	-0.017
115.911	-0.017
115.933	-0.017
115.956	-0.017
115.978	-0.017
116.000	-0.017
116.022	-0.017
116.044	-0.017
116.067	-0.017
116.089	-0.017
116.111	-0.017
116.133	-0.017
116.156	-0.017
116.178	-0.017
116.200	-0.017
116.222	-0.017
116.244	-0.017
116.267	-0.017
116.289	-0.017
116.311	-0.017
116.333	-0.017
116.356	-0.017
116.378	-0.017
116.400	-0.017
116.422	-0.017
116.444	-0.017
116.467	-0.017
116.489	-0.017
116.511	-0.017
116.533	-0.017
116.556	-0.017
116.578	-0.017
116.600	-0.017
116.622	-0.017
116.644	-0.017
116.667	-0.017
116.689	-0.017
116.711	-0.017
116.733	-0.017
116.756	-0.017
116.778	-0.017
116.800	-0.017
116.822	-0.017
116.844	-0.017
116.867	-0.017
116.889	-0.017
116.911	-0.017
116.933	-0.017
116.956	-0.017
116.978	-0.017
117.000	-0.017
117.022	-0.017
117.044	-0.017
117.067	-0.017
117.089	-0.017
117.111	-0.017
117.133	-0.017
117.156	-0.017
117.178	-0.017
117.200	-0.017
117.222	-0.017
117.244	-0.017

117.267	-0.017
117.289	-0.017
117.311	-0.017
117.333	-0.017
117.356	-0.017
117.378	-0.017
117.400	-0.017
117.422	-0.017
117.444	-0.017
117.467	-0.017
117.489	-0.017
117.511	-0.017
117.533	-0.017
117.556	-0.017
117.578	-0.017
117.600	-0.017
117.622	-0.017
117.644	-0.017
117.667	-0.017
117.689	-0.017
117.711	-0.017
117.733	-0.017
117.756	-0.017
117.778	-0.017
117.800	-0.017
117.822	-0.017
117.844	-0.017
117.867	-0.017
117.889	-0.017
117.911	-0.017
117.933	-0.017
117.956	-0.017
117.978	-0.017
118.000	-0.017
118.022	-0.017
118.044	-0.017
118.067	-0.017
118.089	-0.017
118.111	-0.017
118.133	-0.017
118.156	-0.017
118.178	-0.017
118.200	-0.017
118.222	-0.017
118.244	-0.017
118.267	-0.017
118.289	-0.017
118.311	-0.017
118.333	-0.017
118.356	-0.017
118.378	-0.017
118.400	-0.017
118.422	-0.017
118.444	-0.017
118.467	-0.017
118.489	-0.017
118.511	-0.017
118.533	-0.017
118.556	-0.017
118.578	-0.017
118.600	-0.017
118.622	-0.017
118.644	-0.017
118.667	-0.017
118.689	-0.017

118.711	-0.017
118.733	-0.017
118.756	-0.017
118.778	-0.017
118.800	-0.017
118.822	-0.017
118.844	-0.017
118.867	-0.017
118.889	-0.017
118.911	-0.017
118.933	-0.017
118.956	-0.017
118.978	-0.017
119.000	-0.017
119.022	-0.017
119.044	-0.017
119.067	-0.017
119.089	-0.017
119.111	-0.017
119.133	-0.017
119.156	-0.017
119.178	-0.017
119.200	-0.017
119.222	-0.017
119.244	-0.017
119.267	-0.017
119.289	-0.017
119.311	-0.017
119.333	-0.017
119.356	-0.017
119.378	-0.016
119.400	-0.016
119.422	-0.016
119.444	-0.016
119.467	-0.016
119.489	-0.016
119.511	-0.016
119.533	-0.016
119.556	-0.016
119.578	-0.016
119.600	-0.016
119.622	-0.016
119.644	-0.016
119.667	-0.016
119.689	-0.016
119.711	-0.016
119.733	-0.016
119.756	-0.016
119.778	-0.016
119.800	-0.016
119.822	-0.016
119.844	-0.016
119.867	-0.016
119.889	-0.016
119.911	-0.016
119.933	-0.016
119.956	-0.016
119.978	-0.016
120.000	-0.016
120.022	-0.016
120.044	-0.016
120.067	-0.017
120.089	-0.017
120.111	-0.017
120.133	-0.017

120.156	-0.017
120.178	-0.017
120.200	-0.017
120.222	-0.017
120.244	-0.017
120.267	-0.017
120.289	-0.017
120.311	-0.017
120.333	-0.017
120.356	-0.018
120.378	-0.018
120.400	-0.018
120.422	-0.018
120.444	-0.018
120.467	-0.018
120.489	-0.018
120.511	-0.018
120.533	-0.018
120.556	-0.018
120.578	-0.018
120.600	-0.018
120.622	-0.018
120.644	-0.018
120.667	-0.018
120.689	-0.018
120.711	-0.018
120.733	-0.018
120.756	-0.018
120.778	-0.018
120.800	-0.018
120.822	-0.018
120.844	-0.018
120.867	-0.018
120.889	-0.018
120.911	-0.018
120.933	-0.018
120.956	-0.018
120.978	-0.018
121.000	-0.018
121.022	-0.018
121.044	-0.018
121.067	-0.018
121.089	-0.018
121.111	-0.018
121.133	-0.018
121.156	-0.018
121.178	-0.018
121.200	-0.018
121.222	-0.018
121.244	-0.018
121.267	-0.018
121.289	-0.018
121.311	-0.018
121.333	-0.018
121.356	-0.018
121.378	-0.018
121.400	-0.018
121.422	-0.018
121.444	-0.018
121.467	-0.018
121.489	-0.018
121.511	-0.018
121.533	-0.018
121.556	-0.018
121.578	-0.018

121.600	-0.018
121.622	-0.018
121.644	-0.018
121.667	-0.018
121.689	-0.018
121.711	-0.018
121.733	-0.018
121.756	-0.018
121.778	-0.018
121.800	-0.018
121.822	-0.018
121.844	-0.018
121.867	-0.018
121.889	-0.018
121.911	-0.018
121.933	-0.018
121.956	-0.018
121.978	-0.018
122.000	-0.018
122.022	-0.018
122.044	-0.018
122.067	-0.018
122.089	-0.018
122.111	-0.018
122.133	-0.018
122.156	-0.018
122.178	-0.018
122.200	-0.018
122.222	-0.018
122.244	-0.018
122.267	-0.018
122.289	-0.018
122.311	-0.018
122.333	-0.018
122.356	-0.018
122.378	-0.018
122.400	-0.018
122.422	-0.018
122.444	-0.018
122.467	-0.018
122.489	-0.018
122.511	-0.018
122.533	-0.018
122.556	-0.018
122.578	-0.018
122.600	-0.017
122.622	-0.017
122.644	-0.017
122.667	-0.017
122.689	-0.017
122.711	-0.017
122.733	-0.017
122.756	-0.017
122.778	-0.017
122.800	-0.017
122.822	-0.017
122.844	-0.017
122.867	-0.017
122.889	-0.017
122.911	-0.017
122.933	-0.017
122.956	-0.017
122.978	-0.017
123.000	-0.017
123.022	-0.017

123.044	-0.017
123.067	-0.017
123.089	-0.017
123.111	-0.017
123.133	-0.017
123.156	-0.017
123.178	-0.017
123.200	-0.017
123.222	-0.017
123.244	-0.017
123.267	-0.017
123.289	-0.017
123.311	-0.017
123.333	-0.017
123.356	-0.017
123.378	-0.017
123.400	-0.017
123.422	-0.017
123.444	-0.017
123.467	-0.017
123.489	-0.017
123.511	-0.017
123.533	-0.017
123.556	-0.017
123.578	-0.017
123.600	-0.017
123.622	-0.017
123.644	-0.017
123.667	-0.017
123.689	-0.017
123.711	-0.017
123.733	-0.017
123.756	-0.017
123.778	-0.017
123.800	-0.017
123.822	-0.017
123.844	-0.017
123.867	-0.017
123.889	-0.017
123.911	-0.017
123.933	-0.017
123.956	-0.017
123.978	-0.017
124.000	-0.017
124.022	-0.017
124.044	-0.017
124.067	-0.017
124.089	-0.017
124.111	-0.017
124.133	-0.017
124.156	-0.017
124.178	-0.017
124.200	-0.017
124.222	-0.017
124.244	-0.017
124.267	-0.017
124.289	-0.017
124.311	-0.017
124.333	-0.017
124.356	-0.017
124.378	-0.017
124.400	-0.017
124.422	-0.017
124.444	-0.017
124.467	-0.017

124.489	-0.017
124.511	-0.017
124.533	-0.017
124.556	-0.017
124.578	-0.017
124.600	-0.017
124.622	-0.017
124.644	-0.017
124.667	-0.017
124.689	-0.017
124.711	-0.017
124.733	-0.017
124.756	-0.017
124.778	-0.017
124.800	-0.017
124.822	-0.017
124.844	-0.017
124.867	-0.017
124.889	-0.017
124.911	-0.017
124.933	-0.017
124.956	-0.017
124.978	-0.017
125.000	-0.017
125.022	-0.017
125.044	-0.017
125.067	-0.017
125.089	-0.017
125.111	-0.017
125.133	-0.017
125.156	-0.017
125.178	-0.017
125.200	-0.017
125.222	-0.017
125.244	-0.017
125.267	-0.017
125.289	-0.017
125.311	-0.017
125.333	-0.017
125.356	-0.017
125.378	-0.017
125.400	-0.017
125.422	-0.017
125.444	-0.017
125.467	-0.017
125.489	-0.017
125.511	-0.017
125.533	-0.017
125.556	-0.017
125.578	-0.017
125.600	-0.017
125.622	-0.017
125.644	-0.017
125.667	-0.017
125.689	-0.017
125.711	-0.017
125.733	-0.017
125.756	-0.017
125.778	-0.017
125.800	-0.017
125.822	-0.017
125.844	-0.017
125.867	-0.017
125.889	-0.017
125.911	-0.017

125.933	-0.017
125.956	-0.017
125.978	-0.017
126.000	-0.017
126.022	-0.017
126.044	-0.017
126.067	-0.017
126.089	-0.017
126.111	-0.017
126.133	-0.017
126.156	-0.017
126.178	-0.017
126.200	-0.017
126.222	-0.017
126.244	-0.017
126.267	-0.017
126.289	-0.017
126.311	-0.017
126.333	-0.017
126.356	-0.017
126.378	-0.017
126.400	-0.017
126.422	-0.017
126.444	-0.017
126.467	-0.017
126.489	-0.017
126.511	-0.017
126.533	-0.017
126.556	-0.017
126.578	-0.017
126.600	-0.017
126.622	-0.017
126.644	-0.017
126.667	-0.017
126.689	-0.017
126.711	-0.017
126.733	-0.016
126.756	-0.016
126.778	-0.016
126.800	-0.016
126.822	-0.016
126.844	-0.016
126.867	-0.016
126.889	-0.016
126.911	-0.016
126.933	-0.016
126.956	-0.016
126.978	-0.016
127.000	-0.016
127.022	-0.016
127.044	-0.016
127.067	-0.016
127.089	-0.016
127.111	-0.016
127.133	-0.016
127.156	-0.016
127.178	-0.016
127.200	-0.016
127.222	-0.016
127.244	-0.016
127.267	-0.016
127.289	-0.016
127.311	-0.016
127.333	-0.016
127.356	-0.016

127.378	-0.016
127.400	-0.016
127.422	-0.016
127.444	-0.016
127.467	-0.016
127.489	-0.016
127.511	-0.016
127.533	-0.016
127.556	-0.016
127.578	-0.016
127.600	-0.016
127.622	-0.016
127.644	-0.016
127.667	-0.016
127.689	-0.016
127.711	-0.016
127.733	-0.016
127.756	-0.016
127.778	-0.016
127.800	-0.016
127.822	-0.016
127.844	-0.016
127.867	-0.016
127.889	-0.016
127.911	-0.016
127.933	-0.016
127.956	-0.016
127.978	-0.016
128.000	-0.016
128.022	-0.016
128.044	-0.016
128.067	-0.016
128.089	-0.016
128.111	-0.016
128.133	-0.016
128.155	-0.016
128.178	-0.016
128.200	-0.016
128.222	-0.016
128.244	-0.016
128.267	-0.016
128.289	-0.016
128.311	-0.016
128.333	-0.016
128.356	-0.016
128.378	-0.016
128.400	-0.016
128.422	-0.016
128.444	-0.016
128.467	-0.016
128.489	-0.016
128.511	-0.016
128.533	-0.016
128.556	-0.016
128.578	-0.016
128.600	-0.016
128.622	-0.016
128.644	-0.016
128.667	-0.016
128.689	-0.016
128.711	-0.016
128.733	-0.016
128.756	-0.016
128.778	-0.016
128.800	-0.016

128.822	-0.016
128.845	-0.016
128.867	-0.016
128.889	-0.016
128.911	-0.016
128.933	-0.016
128.956	-0.016
128.978	-0.016
129.000	-0.016
129.022	-0.016
129.044	-0.016
129.067	-0.016
129.089	-0.016
129.111	-0.016
129.133	-0.016
129.155	-0.016
129.178	-0.016
129.200	-0.016
129.222	-0.016
129.244	-0.016
129.267	-0.016
129.289	-0.016
129.311	-0.016
129.333	-0.016
129.356	-0.016
129.378	-0.016
129.400	-0.016
129.422	-0.016
129.444	-0.016
129.467	-0.016
129.489	-0.016
129.511	-0.016
129.533	-0.016
129.556	-0.016
129.578	-0.016
129.600	-0.016
129.622	-0.016
129.644	-0.016
129.667	-0.016
129.689	-0.016
129.711	-0.016
129.733	-0.016
129.756	-0.016
129.778	-0.016
129.800	-0.016
129.822	-0.016
129.845	-0.016
129.867	-0.016
129.889	-0.016
129.911	-0.016
129.933	-0.016
129.956	-0.016
129.978	-0.016
130.000	-0.016
130.022	-0.016
130.044	-0.016
130.067	-0.016
130.089	-0.016
130.111	-0.016
130.133	-0.016
130.155	-0.016
130.178	-0.016
130.200	-0.016
130.222	-0.016
130.244	-0.016

130.267	-0.016
130.289	-0.016
130.311	-0.016
130.333	-0.016
130.356	-0.016
130.378	-0.016
130.400	-0.016
130.422	-0.016
130.444	-0.016
130.467	-0.016
130.489	-0.016
130.511	-0.016
130.533	-0.016
130.556	-0.016
130.578	-0.016
130.600	-0.016
130.622	-0.016
130.644	-0.016
130.667	-0.016
130.689	-0.016
130.711	-0.016
130.733	-0.016
130.756	-0.016
130.778	-0.016
130.800	-0.016
130.822	-0.016
130.845	-0.016
130.867	-0.016
130.889	-0.016
130.911	-0.016
130.933	-0.016
130.956	-0.016
130.978	-0.016
131.000	-0.016
131.022	-0.016
131.044	-0.016
131.067	-0.016
131.089	-0.016
131.111	-0.016
131.133	-0.016
131.155	-0.016
131.178	-0.016
131.200	-0.016
131.222	-0.016
131.244	-0.016
131.267	-0.016
131.289	-0.016
131.311	-0.016
131.333	-0.016
131.356	-0.016
131.378	-0.016
131.400	-0.016
131.422	-0.016
131.444	-0.016
131.467	-0.016
131.489	-0.016
131.511	-0.016
131.533	-0.016
131.556	-0.016
131.578	-0.016
131.600	-0.016
131.622	-0.016
131.644	-0.016
131.667	-0.016
131.689	-0.016

131.711	-0.016
131.733	-0.016
131.756	-0.016
131.778	-0.016
131.800	-0.016
131.822	-0.016
131.845	-0.016
131.867	-0.016
131.889	-0.016
131.911	-0.016
131.933	-0.016
131.956	-0.016
131.978	-0.016
132.000	-0.016
132.022	-0.016
132.044	-0.016
132.067	-0.016
132.089	-0.016
132.111	-0.016
132.133	-0.016
132.155	-0.016
132.178	-0.016
132.200	-0.016
132.222	-0.016
132.244	-0.016
132.267	-0.016
132.289	-0.016
132.311	-0.016
132.333	-0.016
132.356	-0.016
132.378	-0.016
132.400	-0.016
132.422	-0.016
132.444	-0.016
132.467	-0.016
132.489	-0.016
132.511	-0.016
132.533	-0.016
132.556	-0.016
132.578	-0.016
132.600	-0.016
132.622	-0.016
132.644	-0.016
132.667	-0.016
132.689	-0.016
132.711	-0.016
132.733	-0.016
132.756	-0.016
132.778	-0.016
132.800	-0.016
132.822	-0.016
132.845	-0.016
132.867	-0.016
132.889	-0.016
132.911	-0.016
132.933	-0.016
132.956	-0.016
132.978	-0.016
133.000	-0.016
133.022	-0.016
133.044	-0.016
133.067	-0.016
133.089	-0.016
133.111	-0.016
133.133	-0.016

133.155	-0.016
133.178	-0.016
133.200	-0.016
133.222	-0.016
133.244	-0.016
133.267	-0.016
133.289	-0.016
133.311	-0.016
133.333	-0.016
133.356	-0.016
133.378	-0.016
133.400	-0.016
133.422	-0.016
133.444	-0.016
133.467	-0.016
133.489	-0.016
133.511	-0.016
133.533	-0.016
133.556	-0.016
133.578	-0.016
133.600	-0.016
133.622	-0.016
133.644	-0.016
133.667	-0.016
133.689	-0.016
133.711	-0.016
133.733	-0.016
133.756	-0.016
133.778	-0.016
133.800	-0.016
133.822	-0.016
133.845	-0.016
133.867	-0.016
133.889	-0.016
133.911	-0.016
133.933	-0.016
133.956	-0.016
133.978	-0.016
134.000	-0.016
134.022	-0.016
134.044	-0.016
134.067	-0.016
134.089	-0.016
134.111	-0.016
134.133	-0.016
134.155	-0.016
134.178	-0.016
134.200	-0.016
134.222	-0.016
134.244	-0.016
134.267	-0.016
134.289	-0.016
134.311	-0.016
134.333	-0.016
134.356	-0.016
134.378	-0.016
134.400	-0.016
134.422	-0.016
134.444	-0.016
134.467	-0.016
134.489	-0.016
134.511	-0.016
134.533	-0.016
134.556	-0.016
134.578	-0.016

134.600	-0.016
134.622	-0.016
134.644	-0.016
134.667	-0.016
134.689	-0.016
134.711	-0.016
134.733	-0.016
134.756	-0.016
134.778	-0.016
134.800	-0.016
134.822	-0.016
134.845	-0.016
134.867	-0.016
134.889	-0.016
134.911	-0.016
134.933	-0.016
134.956	-0.016
134.978	-0.016
135.000	-0.016
135.022	-0.016
135.044	-0.016
135.067	-0.016
135.089	-0.016
135.111	-0.016
135.133	-0.016
135.155	-0.016
135.178	-0.016
135.200	-0.016
135.222	-0.016
135.244	-0.016
135.267	-0.016
135.289	-0.016
135.311	-0.016
135.333	-0.016
135.356	-0.016
135.378	-0.016
135.400	-0.016
135.422	-0.016
135.444	-0.016
135.467	-0.016
135.489	-0.016
135.511	-0.016
135.533	-0.016
135.556	-0.016
135.578	-0.016
135.600	-0.016
135.622	-0.016
135.644	-0.016
135.667	-0.016
135.689	-0.016
135.711	-0.016
135.733	-0.016
135.756	-0.016
135.778	-0.016
135.800	-0.016
135.822	-0.016
135.845	-0.016
135.867	-0.016
135.889	-0.016
135.911	-0.016
135.933	-0.016
135.956	-0.016
135.978	-0.016
136.000	-0.016
136.022	-0.016

136.044	-0.016
136.067	-0.016
136.089	-0.016
136.111	-0.016
136.133	-0.016
136.155	-0.016
136.178	-0.016
136.200	-0.016
136.222	-0.015
136.244	-0.015
136.267	-0.015
136.289	-0.015
136.311	-0.015
136.333	-0.015
136.356	-0.015
136.378	-0.015
136.400	-0.015
136.422	-0.015
136.444	-0.015
136.467	-0.015
136.489	-0.015
136.511	-0.015
136.533	-0.015
136.556	-0.015
136.578	-0.015
136.600	-0.015
136.622	-0.015
136.644	-0.015
136.667	-0.015
136.689	-0.015
136.711	-0.015
136.733	-0.015
136.756	-0.015
136.778	-0.015
136.800	-0.015
136.822	-0.015
136.845	-0.015
136.867	-0.015
136.889	-0.015
136.911	-0.015
136.933	-0.015
136.956	-0.015
136.978	-0.015
137.000	-0.015
137.022	-0.015
137.044	-0.015
137.067	-0.015
137.089	-0.015
137.111	-0.015
137.133	-0.015
137.155	-0.015
137.178	-0.015
137.200	-0.015
137.222	-0.015
137.244	-0.015
137.267	-0.015
137.289	-0.015
137.311	-0.015
137.333	-0.015
137.356	-0.015
137.378	-0.015
137.400	-0.015
137.422	-0.015
137.444	-0.015
137.467	-0.015

137.489	-0.015
137.511	-0.015
137.533	-0.015
137.556	-0.015
137.578	-0.015
137.600	-0.015
137.622	-0.015
137.644	-0.015
137.667	-0.015
137.689	-0.015
137.711	-0.015
137.733	-0.015
137.756	-0.015
137.778	-0.015
137.800	-0.015
137.822	-0.015
137.845	-0.015
137.867	-0.015
137.889	-0.015
137.911	-0.015
137.933	-0.015
137.956	-0.015
137.978	-0.015
138.000	-0.015
138.022	-0.015
138.044	-0.015
138.067	-0.015
138.089	-0.015
138.111	-0.015
138.133	-0.015
138.155	-0.015
138.178	-0.015
138.200	-0.015
138.222	-0.015
138.244	-0.015
138.267	-0.015
138.289	-0.015
138.311	-0.015
138.333	-0.015
138.356	-0.015
138.378	-0.015
138.400	-0.015
138.422	-0.015
138.444	-0.015
138.467	-0.015
138.489	-0.015
138.511	-0.015
138.533	-0.015
138.556	-0.015
138.578	-0.015
138.600	-0.015
138.622	-0.015
138.644	-0.015
138.667	-0.015
138.689	-0.015
138.711	-0.015
138.733	-0.015
138.756	-0.015
138.778	-0.015
138.800	-0.015
138.822	-0.015
138.845	-0.015
138.867	-0.015
138.889	-0.015
138.911	-0.015

138.933	-0.015
138.956	-0.015
138.978	-0.015
139.000	-0.015
139.022	-0.015
139.044	-0.015
139.067	-0.015
139.089	-0.015
139.111	-0.015
139.133	-0.015
139.155	-0.015
139.178	-0.015
139.200	-0.015
139.222	-0.015
139.244	-0.015
139.267	-0.015
139.289	-0.015
139.311	-0.015
139.333	-0.015
139.356	-0.015
139.378	-0.015
139.400	-0.015
139.422	-0.015
139.444	-0.015
139.467	-0.015
139.489	-0.015
139.511	-0.015
139.533	-0.015
139.556	-0.015
139.578	-0.015
139.600	-0.015
139.622	-0.015
139.644	-0.015
139.667	-0.015
139.689	-0.015
139.711	-0.015
139.733	-0.015
139.756	-0.015
139.778	-0.015
139.800	-0.015
139.822	-0.015
139.845	-0.015
139.867	-0.015
139.889	-0.015
139.911	-0.015
139.933	-0.015
139.956	-0.015
139.978	-0.015
140.000	-0.015
140.022	-0.015
140.044	-0.015
140.067	-0.015
140.089	-0.015
140.111	-0.015
140.133	-0.015
140.155	-0.015
140.178	-0.015
140.200	-0.015
140.222	-0.015
140.244	-0.015
140.267	-0.015
140.289	-0.015
140.311	-0.015
140.333	-0.015
140.356	-0.015

140.378	-0.015
140.400	-0.015
140.422	-0.015
140.444	-0.015
140.467	-0.015
140.489	-0.015
140.511	-0.015
140.533	-0.015
140.556	-0.015
140.578	-0.015
140.600	-0.015
140.622	-0.015
140.644	-0.015
140.667	-0.015
140.689	-0.015
140.711	-0.015
140.733	-0.015
140.756	-0.015
140.778	-0.015
140.800	-0.015
140.822	-0.015
140.845	-0.015
140.867	-0.015
140.889	-0.015
140.911	-0.015
140.933	-0.015
140.956	-0.015
140.978	-0.015
141.000	-0.015
141.022	-0.015
141.044	-0.015
141.067	-0.015
141.089	-0.015
141.111	-0.015
141.133	-0.015
141.155	-0.015
141.178	-0.015
141.200	-0.015
141.222	-0.015
141.244	-0.015
141.267	-0.015
141.289	-0.015
141.311	-0.015
141.333	-0.015
141.356	-0.015
141.378	-0.015
141.400	-0.015
141.422	-0.015
141.444	-0.015
141.467	-0.015
141.489	-0.015
141.511	-0.015
141.533	-0.015
141.556	-0.015
141.578	-0.015
141.600	-0.015
141.622	-0.015
141.644	-0.015
141.667	-0.015
141.689	-0.015
141.711	-0.015
141.733	-0.015
141.756	-0.015
141.778	-0.015
141.800	-0.015

141.822	-0.015
141.845	-0.015
141.867	-0.015
141.889	-0.015
141.911	-0.015
141.933	-0.015
141.956	-0.015
141.978	-0.015
142.000	-0.015
142.022	-0.015
142.044	-0.015
142.067	-0.015
142.089	-0.015
142.111	-0.015
142.133	-0.015
142.155	-0.015
142.178	-0.015
142.200	-0.015
142.222	-0.015
142.244	-0.015
142.267	-0.015
142.289	-0.015
142.311	-0.015
142.333	-0.015
142.356	-0.015
142.378	-0.015
142.400	-0.015
142.422	-0.015
142.444	-0.015
142.467	-0.015
142.489	-0.015
142.511	-0.015
142.533	-0.015
142.556	-0.015
142.578	-0.015
142.600	-0.015
142.622	-0.015
142.644	-0.015
142.667	-0.015
142.689	-0.015
142.711	-0.015
142.733	-0.015
142.756	-0.015
142.778	-0.015
142.800	-0.015
142.822	-0.015
142.845	-0.015
142.867	-0.015
142.889	-0.015
142.911	-0.015
142.933	-0.015
142.956	-0.015
142.978	-0.015
143.000	-0.015
143.022	-0.015
143.044	-0.015
143.067	-0.015
143.089	-0.015
143.111	-0.015
143.133	-0.015
143.155	-0.015
143.178	-0.015
143.200	-0.015
143.222	-0.015
143.244	-0.015

143.267	-0.015
143.289	-0.015
143.311	-0.015
143.333	-0.015
143.356	-0.015
143.378	-0.015
143.400	-0.015
143.422	-0.015
143.444	-0.015
143.467	-0.015
143.489	-0.015
143.511	-0.015
143.533	-0.015
143.556	-0.015
143.578	-0.015
143.600	-0.015
143.622	-0.015
143.644	-0.015
143.667	-0.015
143.689	-0.015
143.711	-0.015
143.733	-0.015
143.756	-0.015
143.778	-0.015
143.800	-0.015
143.822	-0.015
143.845	-0.015
143.867	-0.015
143.889	-0.015
143.911	-0.015
143.933	-0.015
143.956	-0.015
143.978	-0.015
144.000	-0.015
144.022	-0.015
144.044	-0.015
144.067	-0.015
144.089	-0.015
144.111	-0.015
144.133	-0.015
144.155	-0.015
144.178	-0.015
144.200	-0.015
144.222	-0.015
144.244	-0.015
144.267	-0.015
144.289	-0.015
144.311	-0.015
144.333	-0.015
144.356	-0.015
144.378	-0.015
144.400	-0.015
144.422	-0.015
144.444	-0.015
144.467	-0.015
144.489	-0.015
144.511	-0.015
144.533	-0.015
144.556	-0.015
144.578	-0.015
144.600	-0.015
144.622	-0.015
144.644	-0.015
144.667	-0.015
144.689	-0.015

144.711	-0.015
144.733	-0.015
144.756	-0.015
144.778	-0.015
144.800	-0.015
144.822	-0.015
144.845	-0.015
144.867	-0.015
144.889	-0.015
144.911	-0.015
144.933	-0.015
144.956	-0.015
144.978	-0.015
145.000	-0.015
145.022	-0.015
145.044	-0.015
145.067	-0.015
145.089	-0.015
145.111	-0.015
145.133	-0.015
145.155	-0.015
145.178	-0.015
145.200	-0.015
145.222	-0.015
145.244	-0.015
145.267	-0.015
145.289	-0.015
145.311	-0.015
145.333	-0.015
145.356	-0.015
145.378	-0.015
145.400	-0.015
145.422	-0.015
145.444	-0.015
145.467	-0.015
145.489	-0.015
145.511	-0.015
145.533	-0.015
145.556	-0.015
145.578	-0.015
145.600	-0.015
145.622	-0.015
145.644	-0.015
145.667	-0.015
145.689	-0.015
145.711	-0.015
145.733	-0.015
145.756	-0.015
145.778	-0.015
145.800	-0.015
145.822	-0.015
145.845	-0.015
145.867	-0.015
145.889	-0.015
145.911	-0.015
145.933	-0.015
145.956	-0.015
145.978	-0.015
146.000	-0.015
146.022	-0.015
146.044	-0.015
146.067	-0.015
146.089	-0.015
146.111	-0.015
146.133	-0.015

146.155	-0.015
146.178	-0.015
146.200	-0.015
146.222	-0.015
146.244	-0.015
146.267	-0.015
146.289	-0.015
146.311	-0.015
146.333	-0.015
146.356	-0.015
146.378	-0.015
146.400	-0.015
146.422	-0.015
146.444	-0.015
146.467	-0.015
146.489	-0.015
146.511	-0.015
146.533	-0.015
146.556	-0.015
146.578	-0.015
146.600	-0.015
146.622	-0.015
146.644	-0.015
146.667	-0.015
146.689	-0.015
146.711	-0.015
146.733	-0.015
146.756	-0.015
146.778	-0.015
146.800	-0.015
146.822	-0.015
146.845	-0.015
146.867	-0.015
146.889	-0.015
146.911	-0.015
146.933	-0.015
146.956	-0.015
146.978	-0.015
147.000	-0.015
147.022	-0.015
147.044	-0.015
147.067	-0.015
147.089	-0.015
147.111	-0.015
147.133	-0.015
147.155	-0.015
147.178	-0.015
147.200	-0.015
147.222	-0.015
147.244	-0.015
147.267	-0.015
147.289	-0.015
147.311	-0.015
147.333	-0.015
147.356	-0.015
147.378	-0.015
147.400	-0.015
147.422	-0.015
147.444	-0.015
147.467	-0.015
147.489	-0.015
147.511	-0.015
147.533	-0.015
147.556	-0.015
147.578	-0.015

147.600	-0.015
147.622	-0.015
147.644	-0.015
147.667	-0.015
147.689	-0.015
147.711	-0.015
147.733	-0.015
147.756	-0.015
147.778	-0.015
147.800	-0.015
147.822	-0.015
147.845	-0.015
147.867	-0.015
147.889	-0.015
147.911	-0.015
147.933	-0.015
147.956	-0.015
147.978	-0.015
148.000	-0.015
148.022	-0.015
148.044	-0.015
148.067	-0.015
148.089	-0.015
148.111	-0.015
148.133	-0.015
148.155	-0.015
148.178	-0.015
148.200	-0.015
148.222	-0.015
148.244	-0.015
148.267	-0.015
148.289	-0.015
148.311	-0.015
148.333	-0.015
148.356	-0.015
148.378	-0.015
148.400	-0.015
148.422	-0.015
148.444	-0.015
148.467	-0.015
148.489	-0.015
148.511	-0.015
148.533	-0.015
148.556	-0.015
148.578	-0.015
148.600	-0.015
148.622	-0.015
148.644	-0.015
148.667	-0.015
148.689	-0.015
148.711	-0.015
148.733	-0.015
148.756	-0.015
148.778	-0.015
148.800	-0.015
148.822	-0.015
148.845	-0.015
148.867	-0.015
148.889	-0.015
148.911	-0.015
148.933	-0.015
148.956	-0.015
148.978	-0.015
149.000	-0.015
149.022	-0.015

149.044	-0.015
149.067	-0.015
149.089	-0.015
149.111	-0.015
149.133	-0.015
149.155	-0.015
149.178	-0.015
149.200	-0.015
149.222	-0.015
149.244	-0.015
149.267	-0.015
149.289	-0.015
149.311	-0.015
149.333	-0.015
149.356	-0.015
149.378	-0.015
149.400	-0.015
149.422	-0.015
149.444	-0.015
149.467	-0.015
149.489	-0.015
149.511	-0.015
149.533	-0.015
149.556	-0.015
149.578	-0.015
149.600	-0.015
149.622	-0.015
149.644	-0.015
149.667	-0.015
149.689	-0.015
149.711	-0.015
149.733	-0.015
149.756	-0.015
149.778	-0.015
149.800	-0.015
149.822	-0.015
149.845	-0.015
149.867	-0.015
149.889	-0.015
149.911	-0.015
149.933	-0.015
149.956	-0.015
149.978	-0.015
150.000	-0.015
150.022	-0.015
150.044	-0.015
150.067	-0.015
150.089	-0.015
150.111	-0.015
150.133	-0.015
150.155	-0.015
150.178	-0.015
150.200	-0.015
150.222	-0.015
150.244	-0.015
150.267	-0.015
150.289	-0.015
150.311	-0.015
150.333	-0.015
150.356	-0.015
150.378	-0.015
150.400	-0.015
150.422	-0.015
150.444	-0.015
150.467	-0.015

150.489	-0.015
150.511	-0.015
150.533	-0.015
150.556	-0.015
150.578	-0.015
150.600	-0.015
150.622	-0.015
150.644	-0.015
150.667	-0.015
150.689	-0.015
150.711	-0.015
150.733	-0.015
150.756	-0.015
150.778	-0.015
150.800	-0.015
150.822	-0.015
150.845	-0.015
150.867	-0.015
150.889	-0.015
150.911	-0.015
150.933	-0.015
150.956	-0.015
150.978	-0.015
151.000	-0.015
151.022	-0.015
151.044	-0.015
151.067	-0.015
151.089	-0.015
151.111	-0.015
151.133	-0.015
151.155	-0.015
151.178	-0.015
151.200	-0.015
151.222	-0.015
151.244	-0.015
151.267	-0.015
151.289	-0.015
151.311	-0.015
151.333	-0.015
151.356	-0.015
151.378	-0.015
151.400	-0.015
151.422	-0.015
151.444	-0.015
151.467	-0.015
151.489	-0.015
151.511	-0.015
151.533	-0.015
151.556	-0.015
151.578	-0.015
151.600	-0.015
151.622	-0.015
151.644	-0.015
151.667	-0.015
151.689	-0.015
151.711	-0.015
151.733	-0.015
151.756	-0.015
151.778	-0.015
151.800	-0.015
151.822	-0.015
151.845	-0.015
151.867	-0.014
151.889	-0.014
151.911	-0.014

151.933	-0.014
151.956	-0.014
151.978	-0.014
152.000	-0.015
152.022	-0.015
152.044	-0.015
152.067	-0.015
152.089	-0.015
152.111	-0.016
152.133	-0.017
152.155	-0.017
152.178	-0.018
152.200	-0.018
152.222	-0.019
152.244	-0.020
152.267	-0.020
152.289	-0.020
152.311	-0.021
152.333	-0.021
152.356	-0.021
152.378	-0.022
152.400	-0.022
152.422	-0.022
152.444	-0.022
152.467	-0.023
152.489	-0.023
152.511	-0.023
152.533	-0.023
152.556	-0.023
152.578	-0.023
152.600	-0.023
152.622	-0.023
152.644	-0.023
152.667	-0.023
152.689	-0.023
152.711	-0.023
152.733	-0.023
152.756	-0.023
152.778	-0.023
152.800	-0.023
152.822	-0.023
152.845	-0.023
152.867	-0.023
152.889	-0.023
152.911	-0.023
152.933	-0.023
152.956	-0.023
152.978	-0.022
153.000	-0.022
153.022	-0.022
153.044	-0.022
153.067	-0.022
153.089	-0.022
153.111	-0.022
153.133	-0.022
153.155	-0.022
153.178	-0.021
153.200	-0.021
153.222	-0.021
153.244	-0.021
153.267	-0.021
153.289	-0.021
153.311	-0.021
153.333	-0.021
153.356	-0.021

153.378	-0.021
153.400	-0.021
153.422	-0.021
153.444	-0.020
153.467	-0.020
153.489	-0.020
153.511	-0.020
153.533	-0.020
153.556	-0.020
153.578	-0.020
153.600	-0.020
153.622	-0.020
153.644	-0.020
153.667	-0.020
153.689	-0.020
153.711	-0.020
153.733	-0.020
153.756	-0.019
153.778	-0.019
153.800	-0.019
153.822	-0.019
153.845	-0.019
153.867	-0.019
153.889	-0.019
153.911	-0.019
153.933	-0.019
153.956	-0.019
153.978	-0.019
154.000	-0.019
154.022	-0.019
154.044	-0.019
154.067	-0.019
154.089	-0.019
154.111	-0.019
154.133	-0.019
154.155	-0.019
154.178	-0.019
154.200	-0.019
154.222	-0.019
154.244	-0.018
154.267	-0.018
154.289	-0.018
154.311	-0.018
154.333	-0.018
154.356	-0.018
154.378	-0.018
154.400	-0.018
154.422	-0.018
154.444	-0.018
154.467	-0.018
154.489	-0.018
154.511	-0.018
154.533	-0.018
154.556	-0.018
154.578	-0.018
154.600	-0.018
154.622	-0.018
154.644	-0.018
154.667	-0.018
154.689	-0.018
154.711	-0.018
154.733	-0.018
154.756	-0.018
154.778	-0.018
154.800	-0.018

154.822	-0.018
154.845	-0.018
154.867	-0.018
154.889	-0.018
154.911	-0.018
154.933	-0.018
154.956	-0.018
154.978	-0.018
155.000	-0.018
155.022	-0.018
155.044	-0.018
155.067	-0.018
155.089	-0.017
155.111	-0.017
155.133	-0.017
155.155	-0.017
155.178	-0.017
155.200	-0.017
155.222	-0.017
155.244	-0.017
155.267	-0.017
155.289	-0.017
155.311	-0.017
155.333	-0.017
155.356	-0.017
155.378	-0.017
155.400	-0.017
155.422	-0.017
155.444	-0.017
155.467	-0.017
155.489	-0.017
155.511	-0.017
155.533	-0.017
155.556	-0.017
155.578	-0.017
155.600	-0.017
155.622	-0.017
155.644	-0.017
155.667	-0.017
155.689	-0.017
155.711	-0.017
155.733	-0.017
155.756	-0.017
155.778	-0.017
155.800	-0.017
155.822	-0.017
155.845	-0.017
155.867	-0.017
155.889	-0.017
155.911	-0.017
155.933	-0.017
155.956	-0.017
155.978	-0.017
156.000	-0.017
156.022	-0.017
156.044	-0.017
156.067	-0.017
156.089	-0.017
156.111	-0.017
156.133	-0.017
156.155	-0.017
156.178	-0.017
156.200	-0.017
156.222	-0.017
156.244	-0.017

156.267	-0.017
156.289	-0.017
156.311	-0.017
156.333	-0.017
156.356	-0.017
156.378	-0.017
156.400	-0.017
156.422	-0.017
156.444	-0.017
156.467	-0.017
156.489	-0.017
156.511	-0.017
156.533	-0.017
156.556	-0.017
156.578	-0.017
156.600	-0.017
156.622	-0.017
156.644	-0.017
156.667	-0.017
156.689	-0.017
156.711	-0.017
156.733	-0.017
156.756	-0.017
156.778	-0.017
156.800	-0.017
156.822	-0.017
156.845	-0.017
156.867	-0.017
156.889	-0.017
156.911	-0.017
156.933	-0.017
156.956	-0.017
156.978	-0.017
157.000	-0.017
157.022	-0.016
157.044	-0.016
157.067	-0.016
157.089	-0.016
157.111	-0.016
157.133	-0.016
157.155	-0.016
157.178	-0.016
157.200	-0.016
157.222	-0.016
157.244	-0.016
157.267	-0.016
157.289	-0.016
157.311	-0.016
157.333	-0.016
157.356	-0.016
157.378	-0.016
157.400	-0.016
157.422	-0.016
157.444	-0.016
157.467	-0.016
157.489	-0.016
157.511	-0.016
157.533	-0.016
157.556	-0.016
157.578	-0.016
157.600	-0.016
157.622	-0.016
157.644	-0.016
157.667	-0.016
157.689	-0.016

157.711	-0.016
157.733	-0.016
157.756	-0.016
157.778	-0.016
157.800	-0.016
157.822	-0.016
157.845	-0.016
157.867	-0.016
157.889	-0.016
157.911	-0.016
157.933	-0.016
157.956	-0.016
157.978	-0.016
158.000	-0.016
158.022	-0.016
158.044	-0.016
158.067	-0.016
158.089	-0.016
158.111	-0.016
158.133	-0.016
158.155	-0.016
158.178	-0.016
158.200	-0.016
158.222	-0.016
158.244	-0.016
158.267	-0.016
158.289	-0.016
158.311	-0.016
158.333	-0.016
158.356	-0.016
158.378	-0.016
158.400	-0.016
158.422	-0.016
158.444	-0.016
158.467	-0.016
158.489	-0.016
158.511	-0.016
158.533	-0.016
158.556	-0.016
158.578	-0.016
158.600	-0.016
158.622	-0.016
158.644	-0.016
158.667	-0.016
158.689	-0.016
158.711	-0.016
158.733	-0.016
158.756	-0.016
158.778	-0.016
158.800	-0.016
158.822	-0.016
158.845	-0.016
158.867	-0.016
158.889	-0.016
158.911	-0.016
158.933	-0.016
158.956	-0.016
158.978	-0.016
159.000	-0.016
159.022	-0.016
159.044	-0.016
159.067	-0.016
159.089	-0.016
159.111	-0.016
159.133	-0.016

159.155	-0.016
159.178	-0.016
159.200	-0.016
159.222	-0.016
159.244	-0.016
159.267	-0.016
159.289	-0.016
159.311	-0.016
159.333	-0.016
159.356	-0.016
159.378	-0.016
159.400	-0.016
159.422	-0.016
159.444	-0.016
159.467	-0.016
159.489	-0.016
159.511	-0.016
159.533	-0.016
159.556	-0.016
159.578	-0.016
159.600	-0.016
159.622	-0.016
159.644	-0.016
159.667	-0.016
159.689	-0.016
159.711	-0.016
159.733	-0.016
159.756	-0.016
159.778	-0.016
159.800	-0.016
159.822	-0.016
159.845	-0.016
159.867	-0.016
159.889	-0.016
159.911	-0.016
159.933	-0.016
159.956	-0.016
159.978	-0.016
160.000	-0.016
160.022	-0.016
160.044	-0.015
160.067	-0.015
160.089	-0.014
160.111	-0.013
160.133	-0.012
160.155	-0.012
160.178	-0.011
160.200	-0.010
160.222	-0.010
160.244	-0.010
160.267	-0.009
160.289	-0.009
160.311	-0.009
160.333	-0.008
160.356	-0.008
160.378	-0.008
160.400	-0.008
160.422	-0.008
160.444	-0.007
160.467	-0.007
160.489	-0.007
160.511	-0.007
160.533	-0.007
160.556	-0.007
160.578	-0.007

160.600	-0.007
160.622	-0.007
160.644	-0.007
160.667	-0.007
160.689	-0.007
160.711	-0.007
160.733	-0.007
160.756	-0.007
160.778	-0.007
160.800	-0.007
160.822	-0.007
160.845	-0.007
160.867	-0.007
160.889	-0.007
160.911	-0.008
160.933	-0.008
160.956	-0.008
160.978	-0.008
161.000	-0.008
161.022	-0.008
161.044	-0.008
161.067	-0.008
161.089	-0.008
161.111	-0.008
161.133	-0.008
161.155	-0.008
161.178	-0.008
161.200	-0.008
161.222	-0.009
161.244	-0.009
161.267	-0.009
161.289	-0.009
161.311	-0.009
161.333	-0.009
161.356	-0.009
161.378	-0.009
161.400	-0.009
161.422	-0.009
161.444	-0.009
161.467	-0.009
161.489	-0.009
161.511	-0.009
161.533	-0.009
161.556	-0.009
161.578	-0.009
161.600	-0.009
161.622	-0.010
161.644	-0.010
161.667	-0.010
161.689	-0.010
161.711	-0.010
161.733	-0.010
161.756	-0.010
161.778	-0.010
161.800	-0.010
161.822	-0.010
161.845	-0.010
161.867	-0.010
161.889	-0.010
161.911	-0.010
161.933	-0.010
161.956	-0.010
161.978	-0.010
162.000	-0.010
162.022	-0.010

162.044	-0.010
162.067	-0.010
162.089	-0.010
162.111	-0.010
162.133	-0.010
162.155	-0.011
162.178	-0.011
162.200	-0.011
162.222	-0.011
162.244	-0.011
162.267	-0.011
162.289	-0.011
162.311	-0.011
162.333	-0.011
162.356	-0.011
162.378	-0.011
162.400	-0.011
162.422	-0.011
162.444	-0.011
162.467	-0.011
162.489	-0.011
162.511	-0.011
162.533	-0.011
162.556	-0.011
162.578	-0.011
162.600	-0.011
162.622	-0.011
162.644	-0.011
162.667	-0.011
162.689	-0.011
162.711	-0.011
162.733	-0.011
162.756	-0.011
162.778	-0.011
162.800	-0.011
162.822	-0.011
162.845	-0.011
162.867	-0.011
162.889	-0.011
162.911	-0.011
162.933	-0.011
162.956	-0.011
162.978	-0.011
163.000	-0.011
163.022	-0.011
163.044	-0.011
163.067	-0.012
163.089	-0.012
163.111	-0.012
163.133	-0.012
163.155	-0.012
163.178	-0.012
163.200	-0.012
163.222	-0.012
163.244	-0.012
163.267	-0.012
163.289	-0.012
163.311	-0.012
163.333	-0.012
163.356	-0.012
163.378	-0.012
163.400	-0.012
163.422	-0.012
163.444	-0.012
163.467	-0.012

163.489	-0.012
163.511	-0.012
163.533	-0.012
163.556	-0.012
163.578	-0.012
163.600	-0.012
163.622	-0.012
163.644	-0.012
163.667	-0.012
163.689	-0.012
163.711	-0.012
163.733	-0.012
163.756	-0.012
163.778	-0.012
163.800	-0.012
163.822	-0.012
163.845	-0.012
163.867	-0.012
163.889	-0.012
163.911	-0.012
163.933	-0.012
163.956	-0.012
163.978	-0.012
164.000	-0.012
164.022	-0.012
164.044	-0.012
164.067	-0.012
164.089	-0.012
164.111	-0.012
164.133	-0.012
164.155	-0.012
164.178	-0.012
164.200	-0.012
164.222	-0.012
164.244	-0.012
164.267	-0.012
164.289	-0.012
164.311	-0.012
164.333	-0.012
164.356	-0.012
164.378	-0.012
164.400	-0.012
164.422	-0.012
164.444	-0.012
164.467	-0.012
164.489	-0.012
164.511	-0.012
164.533	-0.012
164.556	-0.012
164.578	-0.012
164.600	-0.012
164.622	-0.012
164.644	-0.012
164.667	-0.012
164.689	-0.012
164.711	-0.012
164.733	-0.012
164.756	-0.012
164.778	-0.012
164.800	-0.012
164.822	-0.012
164.845	-0.012
164.867	-0.012
164.889	-0.012
164.911	-0.012

164.933	-0.012
164.956	-0.012
164.978	-0.012
165.000	-0.012
165.022	-0.012
165.044	-0.012
165.067	-0.012
165.089	-0.012
165.111	-0.012
165.133	-0.012
165.155	-0.012
165.178	-0.012
165.200	-0.012
165.222	-0.012
165.244	-0.012
165.267	-0.012
165.289	-0.012
165.311	-0.012
165.333	-0.012
165.356	-0.012
165.378	-0.012
165.400	-0.012
165.422	-0.012
165.444	-0.012
165.467	-0.012
165.489	-0.012
165.511	-0.012
165.533	-0.012
165.556	-0.012
165.578	-0.012
165.600	-0.013
165.622	-0.013
165.644	-0.013
165.667	-0.013
165.689	-0.013
165.711	-0.013
165.733	-0.013
165.756	-0.013
165.778	-0.013
165.800	-0.013
165.822	-0.013
165.845	-0.013
165.867	-0.013
165.889	-0.013
165.911	-0.013
165.933	-0.013
165.956	-0.013
165.978	-0.013
166.000	-0.013
166.022	-0.013
166.044	-0.013
166.067	-0.013
166.089	-0.013
166.111	-0.013
166.133	-0.013
166.155	-0.013
166.178	-0.013
166.200	-0.013
166.222	-0.013
166.244	-0.013
166.267	-0.013
166.289	-0.013
166.311	-0.013
166.333	-0.013
166.356	-0.013

166.378	-0.013
166.400	-0.013
166.422	-0.013
166.444	-0.013
166.467	-0.013
166.489	-0.013
166.511	-0.013
166.533	-0.013
166.556	-0.013
166.578	-0.013
166.600	-0.013
166.622	-0.013
166.644	-0.013
166.667	-0.013
166.689	-0.013
166.711	-0.013
166.733	-0.013
166.756	-0.013
166.778	-0.013
166.800	-0.013
166.822	-0.013
166.845	-0.013
166.867	-0.013
166.889	-0.013
166.911	-0.013
166.933	-0.013
166.956	-0.013
166.978	-0.013
167.000	-0.013
167.022	-0.013
167.044	-0.013
167.067	-0.013
167.089	-0.013
167.111	-0.013
167.133	-0.013
167.155	-0.013
167.178	-0.013
167.200	-0.013
167.222	-0.013
167.244	-0.013
167.267	-0.013
167.289	-0.013
167.311	-0.013
167.333	-0.013
167.356	-0.013
167.378	-0.013
167.400	-0.013
167.422	-0.013
167.444	-0.013
167.467	-0.013
167.489	-0.013
167.511	-0.013
167.533	-0.013
167.556	-0.013
167.578	-0.013
167.600	-0.013
167.622	-0.013
167.644	-0.013
167.667	-0.013
167.689	-0.013
167.711	-0.013
167.733	-0.013
167.756	-0.013
167.778	-0.013
167.800	-0.013

167.822	-0.013
167.845	-0.013
167.867	-0.013
167.889	-0.013
167.911	-0.013
167.933	-0.013
167.956	-0.013
167.978	-0.013
168.000	-0.013
168.022	-0.013
168.044	-0.013
168.067	-0.013
168.089	-0.012
168.111	-0.012
168.133	-0.012
168.155	-0.012
168.178	-0.012
168.200	-0.012
168.222	-0.012
168.244	-0.012
168.267	-0.012
168.289	-0.011
168.311	-0.011
168.333	-0.011
168.356	-0.011
168.378	-0.011
168.400	-0.011
168.422	-0.011
168.444	-0.011
168.467	-0.011
168.489	-0.011
168.511	-0.011
168.533	-0.011
168.556	-0.011
168.578	-0.011
168.600	-0.011
168.622	-0.011
168.644	-0.011
168.667	-0.011
168.689	-0.010
168.711	-0.010
168.733	-0.010
168.756	-0.010
168.778	-0.010
168.800	-0.010
168.822	-0.010
168.845	-0.010
168.867	-0.010
168.889	-0.010
168.911	-0.010
288.911	0.001
408.911	-0.002
504.911	-0.001
528.911	-0.001
552.911	-0.001
648.911	-0.001
768.911	-0.000
888.911	0.000

Name: Hyd-7d Node: Node318 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000

0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000

1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
2.422	0.000
2.444	0.000
2.467	0.000
2.489	0.000
2.511	0.000
2.533	0.000
2.556	0.000
2.578	0.000
2.600	0.000
2.622	0.000
2.644	0.000
2.667	0.000
2.689	0.000
2.711	0.000
2.733	0.000
2.756	0.000
2.778	0.000
2.800	0.000
2.822	0.000
2.844	0.000
2.867	0.000
2.889	0.000

2.911	0.000
2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
3.067	0.000
3.089	0.000
3.111	0.000
3.133	0.000
3.156	0.000
3.178	0.000
3.200	0.000
3.222	0.000
3.244	0.000
3.267	0.000
3.289	0.000
3.311	0.000
3.333	0.000
3.356	0.000
3.378	0.000
3.400	0.000
3.422	0.000
3.444	0.000
3.467	0.000
3.489	0.000
3.511	0.000
3.533	0.000
3.556	0.000
3.578	0.000
3.600	0.000
3.622	0.000
3.644	0.000
3.667	0.000
3.689	0.000
3.711	0.000
3.733	0.000
3.756	0.000
3.778	0.000
3.800	0.000
3.822	0.000
3.844	0.000
3.867	0.000
3.889	0.000
3.911	0.000
3.933	0.000
3.956	0.000
3.978	0.000
4.000	0.000
4.022	0.000
4.044	0.000
4.067	0.000
4.089	0.000
4.111	0.000
4.133	0.000
4.156	0.000
4.178	0.000
4.200	-0.000
4.222	-0.000
4.244	-0.000
4.267	-0.000
4.289	-0.000
4.311	-0.000
4.333	-0.000

4.356	-0.000
4.378	-0.000
4.400	-0.000
4.422	-0.000
4.444	-0.000
4.467	-0.000
4.489	-0.000
4.511	-0.000
4.533	-0.000
4.556	-0.000
4.578	-0.000
4.600	-0.000
4.622	-0.000
4.644	-0.000
4.667	-0.000
4.689	-0.000
4.711	-0.000
4.733	-0.000
4.756	-0.000
4.778	-0.000
4.800	-0.000
4.822	-0.001
4.844	-0.001
4.867	-0.001
4.889	-0.001
4.911	-0.001
4.933	-0.001
4.956	-0.001
4.978	-0.001
5.000	-0.001
5.022	-0.001
5.044	-0.001
5.067	-0.001
5.089	-0.001
5.111	-0.001
5.133	-0.001
5.156	-0.001
5.178	-0.001
5.200	-0.001
5.222	-0.001
5.244	-0.001
5.267	-0.001
5.289	-0.001
5.311	-0.001
5.333	-0.001
5.356	-0.001
5.378	-0.001
5.400	-0.001
5.422	-0.001
5.444	-0.001
5.467	-0.001
5.489	-0.001
5.511	-0.001
5.533	-0.001
5.556	-0.001
5.578	-0.001
5.600	-0.001
5.622	-0.001
5.644	-0.001
5.667	-0.001
5.689	-0.001
5.711	-0.001
5.733	-0.001
5.756	-0.001
5.778	-0.002

5.800	-0.002
5.822	-0.002
5.844	-0.002
5.867	-0.002
5.889	-0.002
5.911	-0.002
5.933	-0.002
5.956	-0.002
5.978	-0.002
6.000	-0.002
6.022	-0.002
6.044	-0.002
6.067	-0.002
6.089	-0.002
6.111	-0.002
6.133	-0.002
6.156	-0.002
6.178	-0.002
6.200	-0.002
6.222	-0.002
6.244	-0.002
6.267	-0.002
6.289	-0.002
6.311	-0.002
6.333	-0.002
6.356	-0.002
6.378	-0.002
6.400	-0.002
6.422	-0.002
6.444	-0.002
6.467	-0.002
6.489	-0.002
6.511	-0.002
6.533	-0.002
6.556	-0.002
6.578	-0.002
6.600	-0.002
6.622	-0.002
6.644	-0.002
6.667	-0.002
6.689	-0.002
6.711	-0.002
6.733	-0.002
6.756	-0.002
6.778	-0.002
6.800	-0.002
6.822	-0.002
6.844	-0.002
6.867	-0.002
6.889	-0.003
6.911	-0.003
6.933	-0.003
6.956	-0.003
6.978	-0.003
7.000	-0.003
7.022	-0.003
7.044	-0.003
7.067	-0.003
7.089	-0.003
7.111	-0.003
7.133	-0.003
7.156	-0.003
7.178	-0.003
7.200	-0.003
7.222	-0.003

7.244	-0.003
7.267	-0.003
7.289	-0.003
7.311	-0.003
7.333	-0.003
7.356	-0.003
7.378	-0.003
7.400	-0.003
7.422	-0.003
7.444	-0.003
7.467	-0.003
7.489	-0.003
7.511	-0.003
7.533	-0.003
7.556	-0.003
7.578	-0.003
7.600	-0.003
7.622	-0.003
7.644	-0.003
7.667	-0.003
7.689	-0.003
7.711	-0.003
7.733	-0.003
7.756	-0.003
7.778	-0.003
7.800	-0.003
7.822	-0.003
7.844	-0.003
7.867	-0.003
7.889	-0.003
7.911	-0.003
7.933	-0.003
7.956	-0.003
7.978	-0.003
8.000	-0.003
8.022	-0.003
8.044	-0.003
8.067	-0.003
8.089	-0.003
8.111	-0.003
8.133	-0.003
8.156	-0.003
8.178	-0.003
8.200	-0.003
8.222	-0.003
8.244	-0.003
8.267	-0.003
8.289	-0.003
8.311	-0.003
8.333	-0.004
8.356	-0.004
8.378	-0.004
8.400	-0.004
8.422	-0.004
8.444	-0.004
8.467	-0.004
8.489	-0.004
8.511	-0.004
8.533	-0.004
8.556	-0.004
8.578	-0.004
8.600	-0.004
8.622	-0.004
8.644	-0.004
8.667	-0.004

8.689	-0.004
8.711	-0.004
8.733	-0.004
8.756	-0.004
8.778	-0.004
8.800	-0.004
8.822	-0.004
8.844	-0.004
8.867	-0.004
8.889	-0.004
8.911	-0.004
8.933	-0.004
8.956	-0.004
8.978	-0.004
9.000	-0.004
9.022	-0.004
9.044	-0.004
9.067	-0.004
9.089	-0.004
9.111	-0.004
9.133	-0.004
9.156	-0.004
9.178	-0.004
9.200	-0.004
9.222	-0.004
9.244	-0.004
9.267	-0.004
9.289	-0.004
9.311	-0.004
9.333	-0.004
9.356	-0.004
9.378	-0.004
9.400	-0.004
9.422	-0.004
9.444	-0.004
9.467	-0.004
9.489	-0.004
9.511	-0.004
9.533	-0.004
9.556	-0.004
9.578	-0.004
9.600	-0.004
9.622	-0.004
9.644	-0.004
9.667	-0.004
9.689	-0.004
9.711	-0.004
9.733	-0.004
9.756	-0.004
9.778	-0.004
9.800	-0.004
9.822	-0.004
9.844	-0.004
9.867	-0.004
9.889	-0.004
9.911	-0.004
9.933	-0.004
9.956	-0.004
9.978	-0.004
10.000	-0.004
10.022	-0.004
10.044	-0.004
10.067	-0.005
10.089	-0.005
10.111	-0.005

10.133	-0.005
10.156	-0.005
10.178	-0.005
10.200	-0.005
10.222	-0.005
10.244	-0.005
10.267	-0.005
10.289	-0.005
10.311	-0.005
10.333	-0.005
10.356	-0.005
10.378	-0.005
10.400	-0.005
10.422	-0.005
10.444	-0.005
10.467	-0.005
10.489	-0.005
10.511	-0.005
10.533	-0.005
10.556	-0.005
10.578	-0.005
10.600	-0.005
10.622	-0.005
10.644	-0.005
10.667	-0.005
10.689	-0.005
10.711	-0.005
10.733	-0.005
10.756	-0.005
10.778	-0.005
10.800	-0.005
10.822	-0.005
10.844	-0.005
10.867	-0.005
10.889	-0.005
10.911	-0.005
10.933	-0.005
10.956	-0.005
10.978	-0.005
11.000	-0.005
11.022	-0.005
11.044	-0.005
11.067	-0.005
11.089	-0.005
11.111	-0.005
11.133	-0.005
11.156	-0.005
11.178	-0.005
11.200	-0.005
11.222	-0.005
11.244	-0.005
11.267	-0.005
11.289	-0.005
11.311	-0.005
11.333	-0.005
11.356	-0.005
11.378	-0.005
11.400	-0.005
11.422	-0.005
11.444	-0.005
11.467	-0.005
11.489	-0.005
11.511	-0.005
11.533	-0.005
11.556	-0.005

11.578	-0.005
11.600	-0.005
11.622	-0.005
11.644	-0.005
11.667	-0.005
11.689	-0.005
11.711	-0.005
11.733	-0.005
11.756	-0.005
11.778	-0.005
11.800	-0.005
11.822	-0.005
11.844	-0.005
11.867	-0.005
11.889	-0.005
11.911	-0.005
11.933	-0.005
11.956	-0.005
11.978	-0.005
12.000	-0.005
12.022	-0.005
12.044	-0.005
12.067	-0.005
12.089	-0.005
12.111	-0.005
12.133	-0.005
12.156	-0.006
12.178	-0.006
12.200	-0.006
12.222	-0.006
12.244	-0.006
12.267	-0.006
12.289	-0.006
12.311	-0.006
12.333	-0.006
12.356	-0.006
12.378	-0.006
12.400	-0.006
12.422	-0.006
12.444	-0.006
12.467	-0.006
12.489	-0.006
12.511	-0.006
12.533	-0.006
12.556	-0.006
12.578	-0.006
12.600	-0.006
12.622	-0.006
12.644	-0.006
12.667	-0.006
12.689	-0.006
12.711	-0.006
12.733	-0.006
12.756	-0.006
12.778	-0.006
12.800	-0.006
12.822	-0.006
12.844	-0.006
12.867	-0.006
12.889	-0.006
12.911	-0.006
12.933	-0.006
12.956	-0.006
12.978	-0.006
13.000	-0.006

13.022	-0.006
13.044	-0.006
13.067	-0.006
13.089	-0.006
13.111	-0.006
13.133	-0.006
13.156	-0.006
13.178	-0.006
13.200	-0.006
13.222	-0.006
13.244	-0.006
13.267	-0.006
13.289	-0.006
13.311	-0.006
13.333	-0.006
13.356	-0.006
13.378	-0.006
13.400	-0.006
13.422	-0.006
13.444	-0.006
13.467	-0.006
13.489	-0.006
13.511	-0.006
13.533	-0.006
13.556	-0.006
13.578	-0.006
13.600	-0.006
13.622	-0.006
13.644	-0.006
13.667	-0.006
13.689	-0.006
13.711	-0.006
13.733	-0.006
13.756	-0.006
13.778	-0.006
13.800	-0.006
13.822	-0.006
13.844	-0.006
13.867	-0.006
13.889	-0.006
13.911	-0.006
13.933	-0.006
13.956	-0.006
13.978	-0.006
14.000	-0.006
14.022	-0.006
14.044	-0.006
14.067	-0.006
14.089	-0.006
14.111	-0.006
14.133	-0.006
14.156	-0.006
14.178	-0.006
14.200	-0.006
14.222	-0.006
14.244	-0.006
14.267	-0.006
14.289	-0.006
14.311	-0.006
14.333	-0.006
14.356	-0.006
14.378	-0.006
14.400	-0.006
14.422	-0.006
14.444	-0.006

14.467	-0.006
14.489	-0.006
14.511	-0.006
14.533	-0.006
14.556	-0.006
14.578	-0.006
14.600	-0.006
14.622	-0.006
14.644	-0.006
14.667	-0.006
14.689	-0.006
14.711	-0.006
14.733	-0.006
14.756	-0.006
14.778	-0.006
14.800	-0.007
14.822	-0.007
14.844	-0.007
14.867	-0.007
14.889	-0.007
14.911	-0.007
14.933	-0.007
14.956	-0.007
14.978	-0.007
15.000	-0.007
15.022	-0.007
15.044	-0.007
15.067	-0.007
15.089	-0.007
15.111	-0.007
15.133	-0.007
15.156	-0.007
15.178	-0.007
15.200	-0.007
15.222	-0.007
15.244	-0.007
15.267	-0.007
15.289	-0.007
15.311	-0.007
15.333	-0.007
15.356	-0.007
15.378	-0.007
15.400	-0.007
15.422	-0.007
15.444	-0.007
15.467	-0.007
15.489	-0.007
15.511	-0.007
15.533	-0.007
15.556	-0.007
15.578	-0.007
15.600	-0.007
15.622	-0.007
15.644	-0.007
15.667	-0.007
15.689	-0.007
15.711	-0.007
15.733	-0.007
15.756	-0.007
15.778	-0.007
15.800	-0.007
15.822	-0.007
15.844	-0.007
15.867	-0.007
15.889	-0.007

15.911	-0.007
15.933	-0.007
15.956	-0.007
15.978	-0.007
16.000	-0.007
16.022	-0.007
16.044	-0.007
16.067	-0.007
16.089	-0.007
16.111	-0.007
16.133	-0.007
16.156	-0.007
16.178	-0.007
16.200	-0.007
16.222	-0.007
16.244	-0.007
16.267	-0.007
16.289	-0.007
16.311	-0.007
16.333	-0.007
16.356	-0.007
16.378	-0.007
16.400	-0.007
16.422	-0.007
16.444	-0.007
16.467	-0.007
16.489	-0.007
16.511	-0.007
16.533	-0.007
16.556	-0.007
16.578	-0.007
16.600	-0.007
16.622	-0.007
16.644	-0.007
16.667	-0.007
16.689	-0.007
16.711	-0.007
16.733	-0.007
16.756	-0.007
16.778	-0.007
16.800	-0.007
16.822	-0.007
16.844	-0.007
16.867	-0.007
16.889	-0.007
16.911	-0.007
16.933	-0.007
16.956	-0.007
16.978	-0.007
17.000	-0.007
17.022	-0.007
17.044	-0.007
17.067	-0.007
17.089	-0.007
17.111	-0.007
17.133	-0.007
17.156	-0.007
17.178	-0.007
17.200	-0.007
17.222	-0.007
17.244	-0.008
17.267	-0.008
17.289	-0.008
17.311	-0.008
17.333	-0.008

17.356	-0.008
17.378	-0.008
17.400	-0.008
17.422	-0.008
17.444	-0.008
17.467	-0.008
17.489	-0.008
17.511	-0.008
17.533	-0.008
17.556	-0.008
17.578	-0.008
17.600	-0.008
17.622	-0.008
17.644	-0.008
17.667	-0.008
17.689	-0.008
17.711	-0.008
17.733	-0.008
17.756	-0.008
17.778	-0.008
17.800	-0.008
17.822	-0.008
17.844	-0.008
17.867	-0.008
17.889	-0.008
17.911	-0.008
17.933	-0.008
17.956	-0.008
17.978	-0.008
18.000	-0.008
18.022	-0.008
18.044	-0.008
18.067	-0.008
18.089	-0.008
18.111	-0.008
18.133	-0.008
18.156	-0.008
18.178	-0.008
18.200	-0.008
18.222	-0.008
18.244	-0.008
18.267	-0.008
18.289	-0.008
18.311	-0.008
18.333	-0.008
18.356	-0.008
18.378	-0.008
18.400	-0.008
18.422	-0.008
18.444	-0.008
18.467	-0.008
18.489	-0.008
18.511	-0.008
18.533	-0.008
18.556	-0.008
18.578	-0.008
18.600	-0.008
18.622	-0.008
18.644	-0.008
18.667	-0.008
18.689	-0.008
18.711	-0.008
18.733	-0.008
18.756	-0.008
18.778	-0.008

18.800	-0.008
18.822	-0.008
18.844	-0.008
18.867	-0.008
18.889	-0.008
18.911	-0.008
18.933	-0.008
18.956	-0.008
18.978	-0.008
19.000	-0.008
19.022	-0.008
19.044	-0.008
19.067	-0.008
19.089	-0.008
19.111	-0.008
19.133	-0.008
19.156	-0.008
19.178	-0.008
19.200	-0.008
19.222	-0.008
19.244	-0.008
19.267	-0.008
19.289	-0.008
19.311	-0.008
19.333	-0.008
19.356	-0.008
19.378	-0.008
19.400	-0.008
19.422	-0.008
19.444	-0.008
19.467	-0.008
19.489	-0.008
19.511	-0.008
19.533	-0.008
19.556	-0.008
19.578	-0.008
19.600	-0.008
19.622	-0.008
19.644	-0.008
19.667	-0.008
19.689	-0.008
19.711	-0.008
19.733	-0.008
19.756	-0.008
19.778	-0.008
19.800	-0.008
19.822	-0.008
19.844	-0.008
19.867	-0.008
19.889	-0.008
19.911	-0.008
19.933	-0.008
19.956	-0.008
19.978	-0.008
20.000	-0.008
20.022	-0.008
20.044	-0.008
20.067	-0.008
20.089	-0.008
20.111	-0.008
20.133	-0.008
20.156	-0.008
20.178	-0.008
20.200	-0.008
20.222	-0.008

20.244	-0.008
20.267	-0.008
20.289	-0.008
20.311	-0.008
20.333	-0.008
20.356	-0.008
20.378	-0.008
20.400	-0.008
20.422	-0.008
20.444	-0.008
20.467	-0.008
20.489	-0.008
20.511	-0.008
20.533	-0.008
20.556	-0.008
20.578	-0.008
20.600	-0.008
20.622	-0.008
20.644	-0.008
20.667	-0.008
20.689	-0.008
20.711	-0.008
20.733	-0.008
20.756	-0.008
20.778	-0.008
20.800	-0.008
20.822	-0.008
20.844	-0.008
20.867	-0.008
20.889	-0.008
20.911	-0.008
20.933	-0.008
20.956	-0.008
20.978	-0.008
21.000	-0.008
21.022	-0.008
21.044	-0.008
21.067	-0.008
21.089	-0.008
21.111	-0.008
21.133	-0.008
21.156	-0.008
21.178	-0.008
21.200	-0.008
21.222	-0.008
21.244	-0.008
21.267	-0.008
21.289	-0.008
21.311	-0.008
21.333	-0.008
21.356	-0.008
21.378	-0.008
21.400	-0.008
21.422	-0.009
21.444	-0.009
21.467	-0.009
21.489	-0.009
21.511	-0.009
21.533	-0.009
21.556	-0.009
21.578	-0.009
21.600	-0.009
21.622	-0.009
21.644	-0.009
21.667	-0.009

21.689	-0.009
21.711	-0.009
21.733	-0.009
21.756	-0.009
21.778	-0.009
21.800	-0.009
21.822	-0.009
21.844	-0.009
21.867	-0.009
21.889	-0.009
21.911	-0.009
21.933	-0.009
21.956	-0.009
21.978	-0.009
22.000	-0.009
22.022	-0.009
22.044	-0.009
22.067	-0.009
22.089	-0.009
22.111	-0.009
22.133	-0.009
22.156	-0.009
22.178	-0.009
22.200	-0.009
22.222	-0.009
22.244	-0.009
22.267	-0.009
22.289	-0.009
22.311	-0.009
22.333	-0.009
22.356	-0.009
22.378	-0.009
22.400	-0.009
22.422	-0.009
22.444	-0.009
22.467	-0.009
22.489	-0.009
22.511	-0.009
22.533	-0.009
22.556	-0.009
22.578	-0.009
22.600	-0.009
22.622	-0.009
22.644	-0.009
22.667	-0.009
22.689	-0.009
22.711	-0.009
22.733	-0.009
22.756	-0.009
22.778	-0.009
22.800	-0.009
22.822	-0.009
22.844	-0.009
22.867	-0.009
22.889	-0.009
22.911	-0.009
22.933	-0.009
22.956	-0.009
22.978	-0.009
23.000	-0.009
23.022	-0.009
23.044	-0.009
23.067	-0.009
23.089	-0.009
23.111	-0.009

23.133	-0.009
23.156	-0.009
23.178	-0.009
23.200	-0.009
23.222	-0.009
23.244	-0.009
23.267	-0.009
23.289	-0.009
23.311	-0.009
23.333	-0.009
23.356	-0.009
23.378	-0.009
23.400	-0.009
23.422	-0.009
23.444	-0.009
23.467	-0.009
23.489	-0.009
23.511	-0.009
23.533	-0.009
23.556	-0.009
23.578	-0.009
23.600	-0.009
23.622	-0.009
23.644	-0.009
23.667	-0.009
23.689	-0.009
23.711	-0.009
23.733	-0.009
23.756	-0.009
23.778	-0.009
23.800	-0.009
23.822	-0.009
23.844	-0.009
23.867	-0.009
23.889	-0.009
23.911	-0.009
23.933	-0.009
23.956	-0.009
23.978	-0.009
24.000	-0.009
24.022	-0.009
24.044	-0.009
24.067	-0.009
24.089	-0.010
24.111	-0.010
24.133	-0.010
24.156	-0.010
24.178	-0.011
24.200	-0.011
24.222	-0.011
24.244	-0.011
24.267	-0.011
24.289	-0.011
24.311	-0.011
24.333	-0.012
24.356	-0.012
24.378	-0.012
24.400	-0.012
24.422	-0.012
24.444	-0.012
24.467	-0.012
24.489	-0.012
24.511	-0.012
24.533	-0.012
24.556	-0.012

24.578	-0.012
24.600	-0.012
24.622	-0.012
24.644	-0.012
24.667	-0.012
24.689	-0.012
24.711	-0.012
24.733	-0.012
24.756	-0.012
24.778	-0.012
24.800	-0.012
24.822	-0.012
24.844	-0.012
24.867	-0.012
24.889	-0.012
24.911	-0.012
24.933	-0.012
24.956	-0.012
24.978	-0.012
25.000	-0.012
25.022	-0.012
25.044	-0.012
25.067	-0.012
25.089	-0.012
25.111	-0.012
25.133	-0.012
25.156	-0.012
25.178	-0.012
25.200	-0.012
25.222	-0.012
25.244	-0.012
25.267	-0.012
25.289	-0.012
25.311	-0.012
25.333	-0.012
25.356	-0.012
25.378	-0.012
25.400	-0.012
25.422	-0.012
25.444	-0.012
25.467	-0.012
25.489	-0.012
25.511	-0.012
25.533	-0.012
25.556	-0.012
25.578	-0.012
25.600	-0.012
25.622	-0.012
25.644	-0.012
25.667	-0.012
25.689	-0.012
25.711	-0.012
25.733	-0.012
25.756	-0.012
25.778	-0.012
25.800	-0.012
25.822	-0.012
25.844	-0.012
25.867	-0.012
25.889	-0.012
25.911	-0.012
25.933	-0.012
25.956	-0.012
25.978	-0.012
26.000	-0.013

26.022	-0.013
26.044	-0.013
26.067	-0.013
26.089	-0.013
26.111	-0.013
26.133	-0.013
26.156	-0.013
26.178	-0.013
26.200	-0.013
26.222	-0.013
26.244	-0.013
26.267	-0.013
26.289	-0.013
26.311	-0.013
26.333	-0.013
26.356	-0.013
26.378	-0.013
26.400	-0.013
26.422	-0.013
26.444	-0.013
26.467	-0.013
26.489	-0.013
26.511	-0.013
26.533	-0.013
26.556	-0.013
26.578	-0.013
26.600	-0.013
26.622	-0.013
26.644	-0.013
26.667	-0.013
26.689	-0.013
26.711	-0.013
26.733	-0.013
26.756	-0.013
26.778	-0.013
26.800	-0.013
26.822	-0.013
26.844	-0.013
26.867	-0.013
26.889	-0.013
26.911	-0.013
26.933	-0.013
26.956	-0.013
26.978	-0.013
27.000	-0.013
27.022	-0.013
27.044	-0.013
27.067	-0.013
27.089	-0.013
27.111	-0.013
27.133	-0.013
27.156	-0.013
27.178	-0.013
27.200	-0.013
27.222	-0.013
27.244	-0.013
27.267	-0.013
27.289	-0.013
27.311	-0.013
27.333	-0.013
27.356	-0.013
27.378	-0.013
27.400	-0.013
27.422	-0.013
27.444	-0.013

27.467	-0.013
27.489	-0.013
27.511	-0.013
27.533	-0.013
27.556	-0.013
27.578	-0.013
27.600	-0.013
27.622	-0.013
27.644	-0.013
27.667	-0.013
27.689	-0.013
27.711	-0.013
27.733	-0.013
27.756	-0.013
27.778	-0.013
27.800	-0.013
27.822	-0.013
27.844	-0.013
27.867	-0.013
27.889	-0.013
27.911	-0.013
27.933	-0.013
27.956	-0.013
27.978	-0.013
28.000	-0.013
28.022	-0.013
28.044	-0.013
28.067	-0.013
28.089	-0.013
28.111	-0.013
28.133	-0.013
28.156	-0.013
28.178	-0.013
28.200	-0.013
28.222	-0.013
28.244	-0.013
28.267	-0.013
28.289	-0.013
28.311	-0.013
28.333	-0.013
28.356	-0.013
28.378	-0.013
28.400	-0.013
28.422	-0.013
28.444	-0.013
28.467	-0.013
28.489	-0.013
28.511	-0.013
28.533	-0.013
28.556	-0.013
28.578	-0.013
28.600	-0.013
28.622	-0.013
28.644	-0.013
28.667	-0.013
28.689	-0.013
28.711	-0.013
28.733	-0.013
28.756	-0.013
28.778	-0.013
28.800	-0.013
28.822	-0.013
28.844	-0.013
28.867	-0.013
28.889	-0.013

28.911	-0.013
28.933	-0.013
28.956	-0.013
28.978	-0.013
29.000	-0.013
29.022	-0.013
29.044	-0.013
29.067	-0.013
29.089	-0.013
29.111	-0.013
29.133	-0.013
29.156	-0.013
29.178	-0.013
29.200	-0.013
29.222	-0.013
29.244	-0.013
29.267	-0.013
29.289	-0.013
29.311	-0.013
29.333	-0.013
29.356	-0.013
29.378	-0.013
29.400	-0.013
29.422	-0.013
29.444	-0.013
29.467	-0.013
29.489	-0.013
29.511	-0.013
29.533	-0.013
29.556	-0.013
29.578	-0.013
29.600	-0.013
29.622	-0.013
29.644	-0.013
29.667	-0.013
29.689	-0.013
29.711	-0.013
29.733	-0.013
29.756	-0.013
29.778	-0.013
29.800	-0.013
29.822	-0.013
29.844	-0.013
29.867	-0.013
29.889	-0.013
29.911	-0.013
29.933	-0.013
29.956	-0.013
29.978	-0.013
30.000	-0.013
30.022	-0.013
30.044	-0.013
30.067	-0.013
30.089	-0.013
30.111	-0.013
30.133	-0.013
30.156	-0.013
30.178	-0.013
30.200	-0.013
30.222	-0.013
30.244	-0.013
30.267	-0.013
30.289	-0.013
30.311	-0.013
30.333	-0.013

30.356	-0.013
30.378	-0.013
30.400	-0.013
30.422	-0.013
30.444	-0.013
30.467	-0.013
30.489	-0.013
30.511	-0.013
30.533	-0.013
30.556	-0.013
30.578	-0.013
30.600	-0.013
30.622	-0.013
30.644	-0.013
30.667	-0.013
30.689	-0.013
30.711	-0.013
30.733	-0.013
30.756	-0.013
30.778	-0.013
30.800	-0.013
30.822	-0.013
30.844	-0.013
30.867	-0.013
30.889	-0.013
30.911	-0.013
30.933	-0.013
30.956	-0.013
30.978	-0.013
31.000	-0.013
31.022	-0.013
31.044	-0.013
31.067	-0.013
31.089	-0.013
31.111	-0.014
31.133	-0.014
31.156	-0.014
31.178	-0.014
31.200	-0.014
31.222	-0.014
31.244	-0.014
31.267	-0.014
31.289	-0.014
31.311	-0.014
31.333	-0.014
31.356	-0.014
31.378	-0.014
31.400	-0.014
31.422	-0.014
31.444	-0.014
31.467	-0.014
31.489	-0.014
31.511	-0.014
31.533	-0.014
31.556	-0.014
31.578	-0.014
31.600	-0.014
31.622	-0.014
31.644	-0.014
31.667	-0.014
31.689	-0.014
31.711	-0.014
31.733	-0.014
31.756	-0.014
31.778	-0.014

31.800	-0.014
31.822	-0.014
31.844	-0.014
31.867	-0.014
31.889	-0.014
31.911	-0.014
31.933	-0.014
31.956	-0.014
31.978	-0.014
32.000	-0.014
32.022	-0.014
32.044	-0.015
32.067	-0.018
32.089	-0.021
32.111	-0.025
32.133	-0.028
32.156	-0.032
32.178	-0.034
32.200	-0.037
32.222	-0.039
32.244	-0.039
32.267	-0.025
32.289	-0.011
32.311	-0.011
32.333	-0.012
32.356	-0.012
32.378	-0.012
32.400	-0.013
32.422	-0.013
32.444	-0.013
32.467	-0.013
32.489	-0.013
32.511	-0.014
32.533	-0.014
32.556	-0.014
32.578	-0.014
32.600	-0.014
32.622	-0.014
32.644	-0.015
32.667	-0.015
32.689	-0.015
32.711	-0.015
32.733	-0.015
32.756	-0.015
32.778	-0.015
32.800	-0.015
32.822	-0.015
32.844	-0.016
32.867	-0.016
32.889	-0.016
32.911	-0.016
32.933	-0.016
32.956	-0.016
32.978	-0.016
33.000	-0.016
33.022	-0.016
33.044	-0.016
33.067	-0.016
33.089	-0.016
33.111	-0.016
33.133	-0.016
33.156	-0.016
33.178	-0.016
33.200	-0.016
33.222	-0.016

33.244	-0.016
33.267	-0.017
33.289	-0.017
33.311	-0.017
33.333	-0.017
33.356	-0.017
33.378	-0.017
33.400	-0.017
33.422	-0.017
33.444	-0.017
33.467	-0.017
33.489	-0.017
33.511	-0.017
33.533	-0.017
33.556	-0.017
33.578	-0.017
33.600	-0.017
33.622	-0.017
33.644	-0.017
33.667	-0.017
33.689	-0.017
33.711	-0.017
33.733	-0.017
33.756	-0.017
33.778	-0.017
33.800	-0.017
33.822	-0.017
33.844	-0.017
33.867	-0.017
33.889	-0.017
33.911	-0.017
33.933	-0.017
33.956	-0.017
33.978	-0.017
34.000	-0.017
34.022	-0.017
34.044	-0.017
34.067	-0.017
34.089	-0.017
34.111	-0.017
34.133	-0.017
34.156	-0.017
34.178	-0.017
34.200	-0.017
34.222	-0.017
34.244	-0.017
34.267	-0.017
34.289	-0.017
34.311	-0.017
34.333	-0.017
34.356	-0.017
34.378	-0.017
34.400	-0.017
34.422	-0.017
34.444	-0.017
34.467	-0.017
34.489	-0.017
34.511	-0.017
34.533	-0.017
34.556	-0.017
34.578	-0.017
34.600	-0.017
34.622	-0.017
34.644	-0.017
34.667	-0.017

34.689	-0.017
34.711	-0.017
34.733	-0.017
34.756	-0.017
34.778	-0.017
34.800	-0.017
34.822	-0.017
34.844	-0.017
34.867	-0.017
34.889	-0.017
34.911	-0.017
34.933	-0.017
34.956	-0.017
34.978	-0.017
35.000	-0.017
35.022	-0.017
35.044	-0.017
35.067	-0.017
35.089	-0.017
35.111	-0.017
35.133	-0.017
35.156	-0.017
35.178	-0.017
35.200	-0.017
35.222	-0.017
35.244	-0.017
35.267	-0.017
35.289	-0.017
35.311	-0.017
35.333	-0.017
35.356	-0.017
35.378	-0.017
35.400	-0.017
35.422	-0.017
35.444	-0.017
35.467	-0.017
35.489	-0.017
35.511	-0.017
35.533	-0.017
35.556	-0.018
35.578	-0.018
35.600	-0.018
35.622	-0.018
35.644	-0.018
35.667	-0.018
35.689	-0.018
35.711	-0.018
35.733	-0.018
35.756	-0.018
35.778	-0.018
35.800	-0.018
35.822	-0.018
35.844	-0.018
35.867	-0.018
35.889	-0.018
35.911	-0.018
35.933	-0.018
35.956	-0.018
35.978	-0.018
36.000	-0.018
36.022	-0.018
36.044	-0.018
36.067	-0.018
36.089	-0.018
36.111	-0.018

36.133	-0.018
36.156	-0.018
36.178	-0.018
36.200	-0.018
36.222	-0.018
36.244	-0.018
36.267	-0.018
36.289	-0.018
36.311	-0.018
36.333	-0.018
36.356	-0.018
36.378	-0.018
36.400	-0.018
36.422	-0.018
36.444	-0.018
36.467	-0.018
36.489	-0.018
36.511	-0.018
36.533	-0.018
36.556	-0.018
36.578	-0.018
36.600	-0.018
36.622	-0.018
36.644	-0.018
36.667	-0.018
36.689	-0.018
36.711	-0.018
36.733	-0.018
36.756	-0.018
36.778	-0.018
36.800	-0.018
36.822	-0.018
36.844	-0.018
36.867	-0.018
36.889	-0.018
36.911	-0.018
36.933	-0.018
36.956	-0.018
36.978	-0.018
37.000	-0.018
37.022	-0.018
37.044	-0.018
37.067	-0.018
37.089	-0.018
37.111	-0.018
37.133	-0.018
37.156	-0.018
37.178	-0.018
37.200	-0.018
37.222	-0.018
37.244	-0.018
37.267	-0.018
37.289	-0.018
37.311	-0.018
37.333	-0.018
37.356	-0.018
37.378	-0.018
37.400	-0.018
37.422	-0.018
37.444	-0.018
37.467	-0.018
37.489	-0.018
37.511	-0.018
37.533	-0.018
37.556	-0.018

37.578	-0.018
37.600	-0.018
37.622	-0.018
37.644	-0.018
37.667	-0.018
37.689	-0.018
37.711	-0.018
37.733	-0.018
37.756	-0.018
37.778	-0.018
37.800	-0.018
37.822	-0.018
37.844	-0.018
37.867	-0.018
37.889	-0.018
37.911	-0.018
37.933	-0.018
37.956	-0.018
37.978	-0.018
38.000	-0.018
38.022	-0.018
38.044	-0.018
38.067	-0.018
38.089	-0.018
38.111	-0.018
38.133	-0.018
38.156	-0.018
38.178	-0.018
38.200	-0.018
38.222	-0.018
38.244	-0.018
38.267	-0.018
38.289	-0.018
38.311	-0.018
38.333	-0.018
38.356	-0.018
38.378	-0.018
38.400	-0.018
38.422	-0.018
38.444	-0.018
38.467	-0.018
38.489	-0.018
38.511	-0.018
38.533	-0.018
38.556	-0.018
38.578	-0.018
38.600	-0.018
38.622	-0.018
38.644	-0.018
38.667	-0.018
38.689	-0.018
38.711	-0.018
38.733	-0.018
38.756	-0.018
38.778	-0.018
38.800	-0.018
38.822	-0.018
38.844	-0.018
38.867	-0.018
38.889	-0.018
38.911	-0.018
38.933	-0.018
38.956	-0.018
38.978	-0.018
39.000	-0.018

39.022	-0.018
39.044	-0.018
39.067	-0.018
39.089	-0.018
39.111	-0.018
39.133	-0.018
39.156	-0.018
39.178	-0.018
39.200	-0.018
39.222	-0.018
39.244	-0.018
39.267	-0.018
39.289	-0.018
39.311	-0.018
39.333	-0.018
39.356	-0.018
39.378	-0.018
39.400	-0.018
39.422	-0.018
39.444	-0.018
39.467	-0.018
39.489	-0.018
39.511	-0.018
39.533	-0.018
39.556	-0.018
39.578	-0.018
39.600	-0.018
39.622	-0.018
39.644	-0.018
39.667	-0.018
39.689	-0.018
39.711	-0.018
39.733	-0.018
39.756	-0.018
39.778	-0.018
39.800	-0.018
39.822	-0.018
39.844	-0.018
39.867	-0.018
39.889	-0.018
39.911	-0.018
39.933	-0.018
39.956	-0.018
39.978	-0.018
40.000	-0.018
40.022	-0.018
40.044	-0.018
40.067	-0.018
40.089	-0.018
40.111	-0.018
40.133	-0.018
40.156	-0.018
40.178	-0.018
40.200	-0.018
40.222	-0.018
40.244	-0.017
40.267	-0.017
40.289	-0.017
40.311	-0.017
40.333	-0.017
40.356	-0.017
40.378	-0.017
40.400	-0.017
40.422	-0.017
40.444	-0.017

40.467	-0.017
40.489	-0.017
40.511	-0.017
40.533	-0.016
40.556	-0.016
40.578	-0.016
40.600	-0.016
40.622	-0.016
40.644	-0.016
40.667	-0.016
40.689	-0.016
40.711	-0.016
40.733	-0.016
40.756	-0.016
40.778	-0.016
40.800	-0.016
40.822	-0.016
40.844	-0.016
40.867	-0.015
40.889	-0.015
40.911	-0.015
40.933	-0.015
40.956	-0.015
40.978	-0.015
41.000	-0.015
41.022	-0.015
41.044	-0.015
41.067	-0.015
41.089	-0.015
41.111	-0.015
41.133	-0.015
41.156	-0.015
41.178	-0.015
41.200	-0.015
41.222	-0.015
41.244	-0.015
41.267	-0.015
41.289	-0.015
41.311	-0.015
41.333	-0.015
41.356	-0.015
41.378	-0.014
41.400	-0.014
41.422	-0.014
41.444	-0.014
41.467	-0.014
41.489	-0.014
41.511	-0.014
41.533	-0.014
41.556	-0.014
41.578	-0.014
41.600	-0.014
41.622	-0.014
41.644	-0.014
41.667	-0.014
41.689	-0.014
41.711	-0.014
41.733	-0.014
41.756	-0.014
41.778	-0.014
41.800	-0.014
41.822	-0.014
41.844	-0.014
41.867	-0.014
41.889	-0.014

41.911	-0.014
41.933	-0.014
41.956	-0.014
41.978	-0.014
42.000	-0.014
42.022	-0.014
42.044	-0.014
42.067	-0.014
42.089	-0.014
42.111	-0.013
42.133	-0.013
42.156	-0.013
42.178	-0.013
42.200	-0.013
42.222	-0.013
42.244	-0.013
42.267	-0.013
42.289	-0.013
42.311	-0.013
42.333	-0.013
42.356	-0.013
42.378	-0.013
42.400	-0.013
42.422	-0.013
42.444	-0.013
42.467	-0.013
42.489	-0.013
42.511	-0.013
42.533	-0.013
42.556	-0.013
42.578	-0.013
42.600	-0.013
42.622	-0.013
42.644	-0.013
42.667	-0.013
42.689	-0.013
42.711	-0.013
42.733	-0.013
42.756	-0.013
42.778	-0.013
42.800	-0.013
42.822	-0.013
42.844	-0.013
42.867	-0.013
42.889	-0.013
42.911	-0.013
42.933	-0.013
42.956	-0.013
42.978	-0.013
43.000	-0.013
43.022	-0.013
43.044	-0.013
43.067	-0.013
43.089	-0.013
43.111	-0.013
43.133	-0.013
43.156	-0.013
43.178	-0.012
43.200	-0.012
43.222	-0.012
43.244	-0.012
43.267	-0.012
43.289	-0.012
43.311	-0.012
43.333	-0.012

43.356	-0.012
43.378	-0.012
43.400	-0.012
43.422	-0.012
43.444	-0.012
43.467	-0.012
43.489	-0.012
43.511	-0.012
43.533	-0.012
43.556	-0.012
43.578	-0.012
43.600	-0.012
43.622	-0.012
43.644	-0.012
43.667	-0.012
43.689	-0.012
43.711	-0.012
43.733	-0.012
43.756	-0.012
43.778	-0.012
43.800	-0.012
43.822	-0.012
43.844	-0.012
43.867	-0.012
43.889	-0.012
43.911	-0.012
43.933	-0.012
43.956	-0.012
43.978	-0.012
44.000	-0.012
44.022	-0.012
44.044	-0.012
44.067	-0.012
44.089	-0.012
44.111	-0.012
44.133	-0.012
44.156	-0.012
44.178	-0.012
44.200	-0.012
44.222	-0.012
44.244	-0.012
44.267	-0.012
44.289	-0.012
44.311	-0.012
44.333	-0.012
44.356	-0.012
44.378	-0.012
44.400	-0.012
44.422	-0.012
44.444	-0.012
44.467	-0.012
44.489	-0.012
44.511	-0.012
44.533	-0.012
44.556	-0.012
44.578	-0.012
44.600	-0.012
44.622	-0.012
44.644	-0.012
44.667	-0.012
44.689	-0.012
44.711	-0.012
44.733	-0.012
44.756	-0.011
44.778	-0.011

44.800	-0.011
44.822	-0.011
44.844	-0.011
44.867	-0.011
44.889	-0.011
44.911	-0.011
44.933	-0.011
44.956	-0.011
44.978	-0.011
45.000	-0.011
45.022	-0.011
45.044	-0.011
45.067	-0.011
45.089	-0.011
45.111	-0.011
45.133	-0.011
45.156	-0.011
45.178	-0.011
45.200	-0.011
45.222	-0.011
45.244	-0.011
45.267	-0.011
45.289	-0.011
45.311	-0.011
45.333	-0.011
45.356	-0.011
45.378	-0.011
45.400	-0.011
45.422	-0.011
45.444	-0.011
45.467	-0.011
45.489	-0.011
45.511	-0.011
45.533	-0.011
45.556	-0.011
45.578	-0.011
45.600	-0.011
45.622	-0.011
45.644	-0.011
45.667	-0.011
45.689	-0.011
45.711	-0.011
45.733	-0.011
45.756	-0.011
45.778	-0.011
45.800	-0.011
45.822	-0.011
45.844	-0.011
45.867	-0.011
45.889	-0.011
45.911	-0.011
45.933	-0.011
45.956	-0.011
45.978	-0.011
46.000	-0.011
46.022	-0.011
46.044	-0.011
46.067	-0.011
46.089	-0.011
46.111	-0.011
46.133	-0.011
46.156	-0.011
46.178	-0.011
46.200	-0.011
46.222	-0.011

46.244	-0.011
46.267	-0.011
46.289	-0.011
46.311	-0.011
46.333	-0.011
46.356	-0.011
46.378	-0.011
46.400	-0.011
46.422	-0.011
46.444	-0.011
46.467	-0.011
46.489	-0.011
46.511	-0.011
46.533	-0.011
46.556	-0.011
46.578	-0.011
46.600	-0.011
46.622	-0.011
46.644	-0.011
46.667	-0.011
46.689	-0.011
46.711	-0.011
46.733	-0.011
46.756	-0.011
46.778	-0.011
46.800	-0.011
46.822	-0.011
46.844	-0.011
46.867	-0.011
46.889	-0.011
46.911	-0.011
46.933	-0.011
46.956	-0.011
46.978	-0.011
47.000	-0.011
47.022	-0.011
47.044	-0.011
47.067	-0.011
47.089	-0.011
47.111	-0.010
47.133	-0.010
47.156	-0.010
47.178	-0.010
47.200	-0.010
47.222	-0.010
47.244	-0.010
47.267	-0.010
47.289	-0.010
47.311	-0.010
47.333	-0.010
47.356	-0.010
47.378	-0.010
47.400	-0.010
47.422	-0.010
47.444	-0.010
47.467	-0.010
47.489	-0.010
47.511	-0.010
47.533	-0.010
47.556	-0.010
47.578	-0.010
47.600	-0.010
47.622	-0.010
47.644	-0.010
47.667	-0.010

47.689	-0.010
47.711	-0.010
47.733	-0.010
47.756	-0.010
47.778	-0.010
47.800	-0.010
47.822	-0.010
47.844	-0.010
47.867	-0.010
47.889	-0.010
47.911	-0.010
47.933	-0.010
47.956	-0.010
47.978	-0.010
48.000	-0.010
48.022	-0.010
48.044	-0.010
48.067	-0.010
48.089	-0.010
48.111	-0.010
48.133	-0.010
48.156	-0.010
48.178	-0.010
48.200	-0.010
48.222	-0.010
48.244	-0.010
48.267	-0.010
48.289	-0.010
48.311	-0.010
48.333	-0.010
48.356	-0.010
48.378	-0.010
48.400	-0.010
48.422	-0.010
48.444	-0.010
48.467	-0.010
48.489	-0.010
48.511	-0.010
48.533	-0.010
48.556	-0.010
48.578	-0.010
48.600	-0.010
48.622	-0.010
48.644	-0.010
48.667	-0.010
48.689	-0.010
48.711	-0.010
48.733	-0.010
48.756	-0.010
48.778	-0.010
48.800	-0.010
48.822	-0.010
48.844	-0.010
48.867	-0.010
48.889	-0.010
48.911	-0.010
48.933	-0.010
48.956	-0.010
48.978	-0.010
49.000	-0.010
49.022	-0.010
49.044	-0.010
49.067	-0.010
49.089	-0.010
49.111	-0.010

49.133	-0.010
49.156	-0.010
49.178	-0.010
49.200	-0.010
49.222	-0.010
49.244	-0.010
49.267	-0.010
49.289	-0.010
49.311	-0.010
49.333	-0.010
49.356	-0.010
49.378	-0.010
49.400	-0.010
49.422	-0.010
49.444	-0.010
49.467	-0.010
49.489	-0.010
49.511	-0.010
49.533	-0.010
49.556	-0.010
49.578	-0.010
49.600	-0.010
49.622	-0.010
49.644	-0.010
49.667	-0.010
49.689	-0.010
49.711	-0.010
49.733	-0.010
49.756	-0.010
49.778	-0.010
49.800	-0.010
49.822	-0.010
49.844	-0.010
49.867	-0.010
49.889	-0.010
49.911	-0.010
49.933	-0.010
49.956	-0.010
49.978	-0.010
50.000	-0.010
50.022	-0.010
50.044	-0.010
50.067	-0.010
50.089	-0.010
50.111	-0.010
50.133	-0.010
50.156	-0.010
50.178	-0.010
50.200	-0.010
50.222	-0.010
50.244	-0.010
50.267	-0.010
50.289	-0.010
50.311	-0.010
50.333	-0.010
50.356	-0.010
50.378	-0.010
50.400	-0.010
50.422	-0.010
50.444	-0.010
50.467	-0.010
50.489	-0.010
50.511	-0.010
50.533	-0.010
50.556	-0.010

50.578	-0.010
50.600	-0.010
50.622	-0.010
50.644	-0.010
50.667	-0.010
50.689	-0.010
50.711	-0.010
50.733	-0.010
50.756	-0.010
50.778	-0.010
50.800	-0.010
50.822	-0.010
50.844	-0.010
50.867	-0.010
50.889	-0.010
50.911	-0.010
50.933	-0.010
50.956	-0.010
50.978	-0.010
51.000	-0.010
51.022	-0.010
51.044	-0.010
51.067	-0.010
51.089	-0.010
51.111	-0.010
51.133	-0.010
51.156	-0.010
51.178	-0.010
51.200	-0.010
51.222	-0.010
51.244	-0.010
51.267	-0.010
51.289	-0.010
51.311	-0.010
51.333	-0.010
51.356	-0.010
51.378	-0.010
51.400	-0.010
51.422	-0.010
51.444	-0.010
51.467	-0.010
51.489	-0.010
51.511	-0.010
51.533	-0.010
51.556	-0.010
51.578	-0.010
51.600	-0.010
51.622	-0.010
51.644	-0.010
51.667	-0.010
51.689	-0.010
51.711	-0.010
51.733	-0.010
51.756	-0.010
51.778	-0.010
51.800	-0.010
51.822	-0.010
51.844	-0.010
51.867	-0.010
51.889	-0.010
51.911	-0.010
51.933	-0.010
51.956	-0.010
51.978	-0.010
52.000	-0.010

52.022	-0.010
52.044	-0.010
52.067	-0.010
52.089	-0.010
52.111	-0.010
52.133	-0.010
52.156	-0.010
52.178	-0.010
52.200	-0.010
52.222	-0.010
52.244	-0.010
52.267	-0.010
52.289	-0.010
52.311	-0.010
52.333	-0.010
52.356	-0.010
52.378	-0.010
52.400	-0.010
52.422	-0.010
52.444	-0.010
52.467	-0.010
52.489	-0.010
52.511	-0.010
52.533	-0.010
52.556	-0.010
52.578	-0.010
52.600	-0.010
52.622	-0.010
52.644	-0.010
52.667	-0.010
52.689	-0.010
52.711	-0.010
52.733	-0.010
52.756	-0.010
52.778	-0.010
52.800	-0.010
52.822	-0.010
52.844	-0.010
52.867	-0.010
52.889	-0.010
52.911	-0.010
52.933	-0.010
52.956	-0.010
52.978	-0.010
53.000	-0.010
53.022	-0.010
53.044	-0.010
53.067	-0.010
53.089	-0.010
53.111	-0.010
53.133	-0.010
53.156	-0.010
53.178	-0.010
53.200	-0.010
53.222	-0.010
53.244	-0.010
53.267	-0.010
53.289	-0.010
53.311	-0.010
53.333	-0.010
53.356	-0.010
53.378	-0.010
53.400	-0.010
53.422	-0.010
53.444	-0.010

53.467	-0.010
53.489	-0.010
53.511	-0.010
53.533	-0.010
53.556	-0.010
53.578	-0.010
53.600	-0.010
53.622	-0.010
53.644	-0.010
53.667	-0.010
53.689	-0.010
53.711	-0.010
53.733	-0.010
53.756	-0.010
53.778	-0.010
53.800	-0.010
53.822	-0.010
53.844	-0.010
53.867	-0.010
53.889	-0.010
53.911	-0.010
53.933	-0.010
53.956	-0.010
53.978	-0.010
54.000	-0.010
54.022	-0.010
54.044	-0.010
54.067	-0.010
54.089	-0.010
54.111	-0.010
54.133	-0.010
54.156	-0.010
54.178	-0.010
54.200	-0.010
54.222	-0.010
54.244	-0.010
54.267	-0.010
54.289	-0.010
54.311	-0.010
54.333	-0.010
54.356	-0.010
54.378	-0.010
54.400	-0.010
54.422	-0.010
54.444	-0.010
54.467	-0.010
54.489	-0.010
54.511	-0.010
54.533	-0.010
54.556	-0.010
54.578	-0.010
54.600	-0.010
54.622	-0.010
54.644	-0.010
54.667	-0.010
54.689	-0.010
54.711	-0.010
54.733	-0.010
54.756	-0.010
54.778	-0.010
54.800	-0.010
54.822	-0.010
54.844	-0.010
54.867	-0.010
54.889	-0.010

54.911	-0.010
54.933	-0.010
54.956	-0.010
54.978	-0.010
55.000	-0.010
55.022	-0.010
55.044	-0.010
55.067	-0.010
55.089	-0.010
55.111	-0.010
55.133	-0.010
55.156	-0.010
55.178	-0.010
55.200	-0.010
55.222	-0.010
55.244	-0.010
55.267	-0.010
55.289	-0.010
55.311	-0.010
55.333	-0.010
55.356	-0.010
55.378	-0.010
55.400	-0.010
55.422	-0.010
55.444	-0.010
55.467	-0.010
55.489	-0.010
55.511	-0.010
55.533	-0.010
55.556	-0.010
55.578	-0.010
55.600	-0.010
55.622	-0.010
55.644	-0.010
55.667	-0.010
55.689	-0.010
55.711	-0.010
55.733	-0.010
55.756	-0.010
55.778	-0.010
55.800	-0.010
55.822	-0.010
55.844	-0.010
55.867	-0.010
55.889	-0.010
55.911	-0.010
55.933	-0.010
55.956	-0.010
55.978	-0.010
56.000	-0.010
56.022	-0.010
56.044	-0.010
56.067	-0.010
56.089	-0.010
56.111	-0.010
56.133	-0.010
56.156	-0.010
56.178	-0.010
56.200	-0.010
56.222	-0.010
56.244	-0.010
56.267	-0.010
56.289	-0.010
56.311	-0.010
56.333	-0.010

56.356	-0.010
56.378	-0.010
56.400	-0.010
56.422	-0.010
56.444	-0.010
56.467	-0.010
56.489	-0.010
56.511	-0.010
56.533	-0.010
56.556	-0.010
56.578	-0.010
56.600	-0.010
56.622	-0.010
56.644	-0.010
56.667	-0.010
56.689	-0.010
56.711	-0.010
56.733	-0.010
56.756	-0.010
56.778	-0.010
56.800	-0.010
56.822	-0.010
56.844	-0.010
56.867	-0.010
56.889	-0.010
56.911	-0.010
56.933	-0.010
56.956	-0.010
56.978	-0.010
57.000	-0.010
57.022	-0.010
57.044	-0.010
57.067	-0.010
57.089	-0.010
57.111	-0.010
57.133	-0.010
57.156	-0.010
57.178	-0.010
57.200	-0.010
57.222	-0.010
57.244	-0.010
57.267	-0.010
57.289	-0.010
57.311	-0.010
57.333	-0.010
57.356	-0.010
57.378	-0.010
57.400	-0.010
57.422	-0.010
57.444	-0.010
57.467	-0.010
57.489	-0.010
57.511	-0.010
57.533	-0.010
57.556	-0.010
57.578	-0.010
57.600	-0.010
57.622	-0.010
57.644	-0.010
57.667	-0.010
57.689	-0.010
57.711	-0.010
57.733	-0.010
57.756	-0.010
57.778	-0.010

57.800	-0.010
57.822	-0.010
57.844	-0.010
57.867	-0.010
57.889	-0.010
57.911	-0.010
57.933	-0.010
57.956	-0.010
57.978	-0.010
58.000	-0.010
58.022	-0.010
58.044	-0.010
58.067	-0.010
58.089	-0.010
58.111	-0.010
58.133	-0.010
58.156	-0.010
58.178	-0.010
58.200	-0.010
58.222	-0.010
58.244	-0.010
58.267	-0.010
58.289	-0.010
58.311	-0.010
58.333	-0.010
58.356	-0.010
58.378	-0.010
58.400	-0.010
58.422	-0.010
58.444	-0.010
58.467	-0.010
58.489	-0.010
58.511	-0.010
58.533	-0.010
58.556	-0.010
58.578	-0.010
58.600	-0.010
58.622	-0.010
58.644	-0.010
58.667	-0.010
58.689	-0.010
58.711	-0.010
58.733	-0.010
58.756	-0.010
58.778	-0.010
58.800	-0.010
58.822	-0.010
58.844	-0.010
58.867	-0.010
58.889	-0.010
58.911	-0.010
58.933	-0.010
58.956	-0.010
58.978	-0.010
59.000	-0.010
59.022	-0.010
59.044	-0.010
59.067	-0.010
59.089	-0.010
59.111	-0.010
59.133	-0.010
59.156	-0.010
59.178	-0.010
59.200	-0.010
59.222	-0.010

59.244	-0.010
59.267	-0.010
59.289	-0.010
59.311	-0.010
59.333	-0.010
59.356	-0.010
59.378	-0.010
59.400	-0.010
59.422	-0.010
59.444	-0.010
59.467	-0.010
59.489	-0.010
59.511	-0.010
59.533	-0.010
59.556	-0.010
59.578	-0.010
59.600	-0.010
59.622	-0.010
59.644	-0.010
59.667	-0.010
59.689	-0.010
59.711	-0.010
59.733	-0.010
59.756	-0.010
59.778	-0.010
59.800	-0.010
59.822	-0.010
59.844	-0.010
59.867	-0.010
59.889	-0.010
59.911	-0.010
59.933	-0.010
59.956	-0.010
59.978	-0.010
60.000	-0.010
60.022	-0.010
60.044	-0.010
60.067	-0.010
60.089	-0.009
60.111	-0.009
60.133	-0.009
60.156	-0.009
60.178	-0.009
60.200	-0.009
60.222	-0.009
60.244	-0.009
60.267	-0.009
60.289	-0.009
60.311	-0.009
60.333	-0.009
60.356	-0.009
60.378	-0.009
60.400	-0.009
60.422	-0.009
60.444	-0.009
60.467	-0.009
60.489	-0.009
60.511	-0.009
60.533	-0.009
60.556	-0.009
60.578	-0.009
60.600	-0.009
60.622	-0.009
60.644	-0.009
60.667	-0.009

60.689	-0.009
60.711	-0.009
60.733	-0.009
60.756	-0.009
60.778	-0.009
60.800	-0.009
60.822	-0.009
60.844	-0.009
60.867	-0.009
60.889	-0.009
60.911	-0.009
60.933	-0.009
60.956	-0.009
60.978	-0.009
61.000	-0.009
61.022	-0.009
61.044	-0.009
61.067	-0.009
61.089	-0.009
61.111	-0.009
61.133	-0.009
61.156	-0.009
61.178	-0.009
61.200	-0.009
61.222	-0.009
61.244	-0.009
61.267	-0.009
61.289	-0.009
61.311	-0.009
61.333	-0.009
61.356	-0.009
61.378	-0.009
61.400	-0.009
61.422	-0.009
61.444	-0.009
61.467	-0.009
61.489	-0.009
61.511	-0.009
61.533	-0.009
61.556	-0.009
61.578	-0.009
61.600	-0.009
61.622	-0.009
61.644	-0.009
61.667	-0.009
61.689	-0.009
61.711	-0.009
61.733	-0.009
61.756	-0.009
61.778	-0.009
61.800	-0.009
61.822	-0.009
61.844	-0.009
61.867	-0.009
61.889	-0.009
61.911	-0.009
61.933	-0.009
61.956	-0.009
61.978	-0.009
62.000	-0.009
62.022	-0.009
62.044	-0.009
62.067	-0.009
62.089	-0.009
62.111	-0.009

62.133	-0.009
62.156	-0.009
62.178	-0.009
62.200	-0.009
62.222	-0.009
62.244	-0.009
62.267	-0.009
62.289	-0.009
62.311	-0.009
62.333	-0.009
62.356	-0.009
62.378	-0.009
62.400	-0.009
62.422	-0.009
62.444	-0.009
62.467	-0.009
62.489	-0.009
62.511	-0.009
62.533	-0.009
62.556	-0.009
62.578	-0.009
62.600	-0.009
62.622	-0.009
62.644	-0.009
62.667	-0.009
62.689	-0.009
62.711	-0.009
62.733	-0.009
62.756	-0.009
62.778	-0.009
62.800	-0.009
62.822	-0.009
62.844	-0.009
62.867	-0.009
62.889	-0.009
62.911	-0.009
62.933	-0.009
62.956	-0.009
62.978	-0.009
63.000	-0.009
63.022	-0.009
63.044	-0.009
63.067	-0.009
63.089	-0.009
63.111	-0.009
63.133	-0.009
63.156	-0.009
63.178	-0.009
63.200	-0.009
63.222	-0.009
63.244	-0.009
63.267	-0.009
63.289	-0.009
63.311	-0.009
63.333	-0.009
63.356	-0.009
63.378	-0.009
63.400	-0.009
63.422	-0.009
63.444	-0.009
63.467	-0.009
63.489	-0.009
63.511	-0.009
63.533	-0.009
63.556	-0.009

63.578	-0.009
63.600	-0.009
63.622	-0.008
63.644	-0.008
63.667	-0.008
63.689	-0.008
63.711	-0.008
63.733	-0.008
63.756	-0.008
63.778	-0.008
63.800	-0.008
63.822	-0.008
63.844	-0.008
63.867	-0.008
63.889	-0.008
63.911	-0.008
63.933	-0.008
63.956	-0.008
63.978	-0.008
64.000	-0.008
64.022	-0.008
64.044	-0.008
64.067	-0.008
64.089	-0.008
64.111	-0.008
64.133	-0.008
64.156	-0.008
64.178	-0.008
64.200	-0.008
64.222	-0.008
64.244	-0.008
64.267	-0.008
64.289	-0.008
64.311	-0.008
64.333	-0.008
64.356	-0.008
64.378	-0.008
64.400	-0.008
64.422	-0.008
64.444	-0.008
64.467	-0.008
64.489	-0.008
64.511	-0.008
64.533	-0.008
64.556	-0.008
64.578	-0.008
64.600	-0.008
64.622	-0.008
64.644	-0.008
64.667	-0.008
64.689	-0.008
64.711	-0.008
64.733	-0.008
64.756	-0.008
64.778	-0.008
64.800	-0.008
64.822	-0.008
64.844	-0.008
64.867	-0.008
64.889	-0.008
64.911	-0.008
64.933	-0.008
64.956	-0.008
64.978	-0.008
65.000	-0.008

65.022	-0.008
65.044	-0.008
65.067	-0.008
65.089	-0.008
65.111	-0.008
65.133	-0.008
65.156	-0.008
65.178	-0.008
65.200	-0.008
65.222	-0.008
65.244	-0.008
65.267	-0.008
65.289	-0.008
65.311	-0.008
65.333	-0.008
65.356	-0.008
65.378	-0.008
65.400	-0.008
65.422	-0.008
65.444	-0.008
65.467	-0.008
65.489	-0.008
65.511	-0.008
65.533	-0.008
65.556	-0.008
65.578	-0.008
65.600	-0.008
65.622	-0.008
65.644	-0.008
65.667	-0.008
65.689	-0.008
65.711	-0.008
65.733	-0.008
65.756	-0.008
65.778	-0.008
65.800	-0.008
65.822	-0.008
65.844	-0.008
65.867	-0.008
65.889	-0.008
65.911	-0.008
65.933	-0.008
65.956	-0.008
65.978	-0.008
66.000	-0.008
66.022	-0.008
66.044	-0.008
66.067	-0.008
66.089	-0.008
66.111	-0.008
66.133	-0.008
66.156	-0.008
66.178	-0.008
66.200	-0.008
66.222	-0.008
66.244	-0.008
66.267	-0.008
66.289	-0.008
66.311	-0.008
66.333	-0.008
66.356	-0.008
66.378	-0.008
66.400	-0.008
66.422	-0.008
66.444	-0.008

66.467	-0.008
66.489	-0.008
66.511	-0.008
66.533	-0.008
66.556	-0.008
66.578	-0.008
66.600	-0.008
66.622	-0.008
66.644	-0.008
66.667	-0.008
66.689	-0.008
66.711	-0.008
66.733	-0.008
66.756	-0.008
66.778	-0.008
66.800	-0.008
66.822	-0.008
66.844	-0.008
66.867	-0.008
66.889	-0.008
66.911	-0.008
66.933	-0.008
66.956	-0.008
66.978	-0.008
67.000	-0.008
67.022	-0.008
67.044	-0.008
67.067	-0.008
67.089	-0.008
67.111	-0.008
67.133	-0.008
67.156	-0.008
67.178	-0.008
67.200	-0.008
67.222	-0.008
67.244	-0.008
67.267	-0.008
67.289	-0.008
67.311	-0.008
67.333	-0.008
67.356	-0.008
67.378	-0.008
67.400	-0.008
67.422	-0.008
67.444	-0.008
67.467	-0.008
67.489	-0.008
67.511	-0.008
67.533	-0.008
67.556	-0.008
67.578	-0.008
67.600	-0.008
67.622	-0.008
67.644	-0.008
67.667	-0.008
67.689	-0.008
67.711	-0.008
67.733	-0.008
67.756	-0.008
67.778	-0.008
67.800	-0.008
67.822	-0.008
67.844	-0.008
67.867	-0.008
67.889	-0.008

67.911	-0.008
67.933	-0.008
67.956	-0.008
67.978	-0.008
68.000	-0.008
68.022	-0.008
68.044	-0.008
68.067	-0.008
68.089	-0.008
68.111	-0.008
68.133	-0.008
68.156	-0.008
68.178	-0.008
68.200	-0.008
68.222	-0.008
68.244	-0.008
68.267	-0.008
68.289	-0.008
68.311	-0.008
68.333	-0.008
68.356	-0.008
68.378	-0.008
68.400	-0.008
68.422	-0.008
68.444	-0.008
68.467	-0.008
68.489	-0.008
68.511	-0.008
68.533	-0.008
68.556	-0.008
68.578	-0.008
68.600	-0.008
68.622	-0.008
68.644	-0.008
68.667	-0.008
68.689	-0.008
68.711	-0.008
68.733	-0.008
68.756	-0.008
68.778	-0.008
68.800	-0.008
68.822	-0.008
68.844	-0.008
68.867	-0.008
68.889	-0.008
68.911	-0.008
68.933	-0.008
68.956	-0.008
68.978	-0.008
69.000	-0.008
69.022	-0.008
69.044	-0.008
69.067	-0.008
69.089	-0.008
69.111	-0.008
69.133	-0.008
69.156	-0.008
69.178	-0.008
69.200	-0.008
69.222	-0.008
69.244	-0.008
69.267	-0.008
69.289	-0.008
69.311	-0.008
69.333	-0.008

69.356	-0.008
69.378	-0.008
69.400	-0.008
69.422	-0.008
69.444	-0.008
69.467	-0.008
69.489	-0.008
69.511	-0.008
69.533	-0.008
69.556	-0.008
69.578	-0.008
69.600	-0.008
69.622	-0.008
69.644	-0.008
69.667	-0.008
69.689	-0.008
69.711	-0.008
69.733	-0.008
69.756	-0.008
69.778	-0.008
69.800	-0.008
69.822	-0.008
69.844	-0.008
69.867	-0.008
69.889	-0.008
69.911	-0.008
69.933	-0.008
69.956	-0.008
69.978	-0.008
70.000	-0.008
70.022	-0.008
70.044	-0.008
70.067	-0.008
70.089	-0.008
70.111	-0.008
70.133	-0.008
70.156	-0.008
70.178	-0.008
70.200	-0.008
70.222	-0.008
70.244	-0.008
70.267	-0.008
70.289	-0.008
70.311	-0.008
70.333	-0.008
70.356	-0.008
70.378	-0.008
70.400	-0.008
70.422	-0.008
70.444	-0.008
70.467	-0.008
70.489	-0.008
70.511	-0.008
70.533	-0.008
70.556	-0.008
70.578	-0.008
70.600	-0.008
70.622	-0.008
70.644	-0.008
70.667	-0.008
70.689	-0.008
70.711	-0.008
70.733	-0.008
70.756	-0.008
70.778	-0.008

70.800	-0.008
70.822	-0.008
70.844	-0.008
70.867	-0.008
70.889	-0.008
70.911	-0.008
70.933	-0.008
70.956	-0.007
70.978	-0.007
71.000	-0.007
71.022	-0.007
71.044	-0.007
71.067	-0.007
71.089	-0.007
71.111	-0.007
71.133	-0.007
71.156	-0.007
71.178	-0.007
71.200	-0.007
71.222	-0.007
71.244	-0.007
71.267	-0.007
71.289	-0.007
71.311	-0.007
71.333	-0.007
71.356	-0.007
71.378	-0.007
71.400	-0.007
71.422	-0.007
71.444	-0.007
71.467	-0.007
71.489	-0.007
71.511	-0.007
71.533	-0.007
71.556	-0.007
71.578	-0.007
71.600	-0.007
71.622	-0.007
71.644	-0.007
71.667	-0.007
71.689	-0.007
71.711	-0.007
71.733	-0.007
71.756	-0.007
71.778	-0.007
71.800	-0.007
71.822	-0.007
71.844	-0.007
71.867	-0.007
71.889	-0.007
71.911	-0.007
71.933	-0.007
71.956	-0.007
71.978	-0.007
72.000	-0.007
72.022	-0.007
72.044	-0.007
72.067	-0.007
72.089	-0.007
72.111	-0.007
72.133	-0.007
72.156	-0.007
72.178	-0.007
72.200	-0.007
72.222	-0.007

72.244	-0.007
72.267	-0.007
72.289	-0.007
72.311	-0.007
72.333	-0.007
72.356	-0.007
72.378	-0.007
72.400	-0.007
72.422	-0.007
72.444	-0.007
72.467	-0.007
72.489	-0.007
72.511	-0.007
72.533	-0.007
72.556	-0.007
72.578	-0.007
72.600	-0.007
72.622	-0.007
72.644	-0.007
72.667	-0.007
72.689	-0.007
72.711	-0.007
72.733	-0.007
72.756	-0.007
72.778	-0.007
72.800	-0.007
72.822	-0.007
72.844	-0.007
72.867	-0.007
72.889	-0.007
72.911	-0.007
72.933	-0.007
72.956	-0.007
72.978	-0.007
73.000	-0.007
73.022	-0.007
73.044	-0.007
73.067	-0.007
73.089	-0.007
73.111	-0.007
73.133	-0.007
73.156	-0.007
73.178	-0.007
73.200	-0.007
73.222	-0.007
73.244	-0.007
73.267	-0.007
73.289	-0.007
73.311	-0.007
73.333	-0.007
73.356	-0.007
73.378	-0.007
73.400	-0.007
73.422	-0.007
73.444	-0.007
73.467	-0.007
73.489	-0.007
73.511	-0.007
73.533	-0.007
73.556	-0.007
73.578	-0.007
73.600	-0.007
73.622	-0.007
73.644	-0.007
73.667	-0.007

73.689	-0.007
73.711	-0.007
73.733	-0.007
73.756	-0.007
73.778	-0.007
73.800	-0.007
73.822	-0.007
73.844	-0.007
73.867	-0.007
73.889	-0.007
73.911	-0.007
73.933	-0.007
73.956	-0.007
73.978	-0.007
74.000	-0.007
74.022	-0.007
74.044	-0.007
74.067	-0.007
74.089	-0.007
74.111	-0.007
74.133	-0.007
74.156	-0.007
74.178	-0.007
74.200	-0.007
74.222	-0.007
74.244	-0.007
74.267	-0.007
74.289	-0.007
74.311	-0.007
74.333	-0.007
74.356	-0.007
74.378	-0.007
74.400	-0.007
74.422	-0.007
74.444	-0.007
74.467	-0.007
74.489	-0.007
74.511	-0.007
74.533	-0.007
74.556	-0.007
74.578	-0.007
74.600	-0.007
74.622	-0.007
74.644	-0.007
74.667	-0.007
74.689	-0.007
74.711	-0.007
74.733	-0.007
74.756	-0.007
74.778	-0.007
74.800	-0.007
74.822	-0.007
74.844	-0.007
74.867	-0.007
74.889	-0.007
74.911	-0.007
74.933	-0.007
74.956	-0.007
74.978	-0.007
75.000	-0.007
75.022	-0.007
75.044	-0.007
75.067	-0.007
75.089	-0.007
75.111	-0.007

75.133	-0.007
75.156	-0.007
75.178	-0.007
75.200	-0.007
75.222	-0.007
75.244	-0.007
75.267	-0.007
75.289	-0.007
75.311	-0.007
75.333	-0.007
75.356	-0.007
75.378	-0.007
75.400	-0.007
75.422	-0.007
75.444	-0.007
75.467	-0.007
75.489	-0.007
75.511	-0.007
75.533	-0.007
75.556	-0.007
75.578	-0.007
75.600	-0.007
75.622	-0.007
75.644	-0.007
75.667	-0.007
75.689	-0.007
75.711	-0.007
75.733	-0.007
75.756	-0.007
75.778	-0.007
75.800	-0.007
75.822	-0.007
75.844	-0.007
75.867	-0.007
75.889	-0.007
75.911	-0.007
75.933	-0.007
75.956	-0.007
75.978	-0.007
76.000	-0.007
76.022	-0.007
76.044	-0.007
76.067	-0.007
76.089	-0.007
76.111	-0.007
76.133	-0.007
76.156	-0.007
76.178	-0.007
76.200	-0.007
76.222	-0.007
76.244	-0.007
76.267	-0.007
76.289	-0.007
76.311	-0.007
76.333	-0.007
76.356	-0.007
76.378	-0.007
76.400	-0.007
76.422	-0.007
76.444	-0.007
76.467	-0.007
76.489	-0.007
76.511	-0.007
76.533	-0.007
76.556	-0.007

76.578	-0.007
76.600	-0.007
76.622	-0.007
76.644	-0.007
76.667	-0.007
76.689	-0.007
76.711	-0.007
76.733	-0.007
76.756	-0.007
76.778	-0.007
76.800	-0.007
76.822	-0.007
76.844	-0.007
76.867	-0.007
76.889	-0.007
76.911	-0.007
76.933	-0.007
76.956	-0.007
76.978	-0.007
77.000	-0.007
77.022	-0.007
77.044	-0.007
77.067	-0.007
77.089	-0.007
77.111	-0.007
77.133	-0.007
77.156	-0.007
77.178	-0.007
77.200	-0.007
77.222	-0.007
77.244	-0.007
77.267	-0.007
77.289	-0.007
77.311	-0.007
77.333	-0.007
77.356	-0.007
77.378	-0.007
77.400	-0.007
77.422	-0.007
77.444	-0.007
77.467	-0.007
77.489	-0.007
77.511	-0.007
77.533	-0.007
77.556	-0.007
77.578	-0.007
77.600	-0.007
77.622	-0.007
77.644	-0.007
77.667	-0.007
77.689	-0.007
77.711	-0.007
77.733	-0.007
77.756	-0.007
77.778	-0.007
77.800	-0.007
77.822	-0.007
77.844	-0.007
77.867	-0.007
77.889	-0.007
77.911	-0.007
77.933	-0.007
77.956	-0.007
77.978	-0.007
78.000	-0.007

78.022	-0.007
78.044	-0.007
78.067	-0.007
78.089	-0.007
78.111	-0.007
78.133	-0.007
78.156	-0.007
78.178	-0.007
78.200	-0.007
78.222	-0.007
78.244	-0.007
78.267	-0.007
78.289	-0.007
78.311	-0.007
78.333	-0.007
78.356	-0.007
78.378	-0.007
78.400	-0.007
78.422	-0.007
78.444	-0.007
78.467	-0.007
78.489	-0.007
78.511	-0.007
78.533	-0.007
78.556	-0.007
78.578	-0.007
78.600	-0.007
78.622	-0.007
78.644	-0.007
78.667	-0.007
78.689	-0.007
78.711	-0.007
78.733	-0.007
78.756	-0.007
78.778	-0.007
78.800	-0.007
78.822	-0.007
78.844	-0.007
78.867	-0.007
78.889	-0.007
78.911	-0.007
78.933	-0.007
78.956	-0.007
78.978	-0.007
79.000	-0.007
79.022	-0.007
79.044	-0.007
79.067	-0.007
79.089	-0.007
79.111	-0.007
79.133	-0.007
79.156	-0.007
79.178	-0.007
79.200	-0.007
79.222	-0.007
79.244	-0.007
79.267	-0.007
79.289	-0.007
79.311	-0.007
79.333	-0.007
79.356	-0.007
79.378	-0.007
79.400	-0.007
79.422	-0.007
79.444	-0.007

79.467	-0.007
79.489	-0.007
79.511	-0.007
79.533	-0.007
79.556	-0.007
79.578	-0.007
79.600	-0.007
79.622	-0.006
79.644	-0.006
79.667	-0.006
79.689	-0.006
79.711	-0.006
79.733	-0.006
79.756	-0.006
79.778	-0.006
79.800	-0.006
79.822	-0.006
79.844	-0.006
79.867	-0.006
79.889	-0.006
79.911	-0.006
79.933	-0.006
79.956	-0.006
79.978	-0.006
80.000	-0.006
80.022	-0.006
80.044	-0.006
80.067	-0.006
80.089	-0.006
80.111	-0.006
80.133	-0.006
80.156	-0.006
80.178	-0.006
80.200	-0.006
80.222	-0.006
80.244	-0.006
80.267	-0.006
80.289	-0.006
80.311	-0.006
80.333	-0.006
80.356	-0.006
80.378	-0.006
80.400	-0.006
80.422	-0.006
80.444	-0.006
80.467	-0.006
80.489	-0.006
80.511	-0.006
80.533	-0.006
80.556	-0.006
80.578	-0.006
80.600	-0.006
80.622	-0.006
80.644	-0.006
80.667	-0.006
80.689	-0.006
80.711	-0.006
80.733	-0.006
80.756	-0.006
80.778	-0.006
80.800	-0.006
80.822	-0.006
80.844	-0.006
80.867	-0.006
80.889	-0.006

80.911	-0.006
80.933	-0.006
80.956	-0.006
80.978	-0.006
81.000	-0.006
81.022	-0.006
81.044	-0.006
81.067	-0.006
81.089	-0.006
81.111	-0.006
81.133	-0.006
81.156	-0.006
81.178	-0.006
81.200	-0.006
81.222	-0.006
81.244	-0.006
81.267	-0.006
81.289	-0.006
81.311	-0.006
81.333	-0.006
81.356	-0.006
81.378	-0.006
81.400	-0.006
81.422	-0.006
81.444	-0.006
81.467	-0.006
81.489	-0.006
81.511	-0.006
81.533	-0.006
81.556	-0.006
81.578	-0.006
81.600	-0.006
81.622	-0.006
81.644	-0.006
81.667	-0.006
81.689	-0.006
81.711	-0.006
81.733	-0.006
81.756	-0.006
81.778	-0.006
81.800	-0.006
81.822	-0.006
81.844	-0.006
81.867	-0.006
81.889	-0.006
81.911	-0.006
81.933	-0.006
81.956	-0.006
81.978	-0.006
82.000	-0.006
82.022	-0.006
82.044	-0.006
82.067	-0.006
82.089	-0.006
82.111	-0.006
82.133	-0.006
82.156	-0.006
82.178	-0.006
82.200	-0.006
82.222	-0.006
82.244	-0.006
82.267	-0.006
82.289	-0.006
82.311	-0.006
82.333	-0.006

82.356	-0.006
82.378	-0.006
82.400	-0.006
82.422	-0.006
82.444	-0.006
82.467	-0.006
82.489	-0.006
82.511	-0.006
82.533	-0.006
82.556	-0.006
82.578	-0.006
82.600	-0.006
82.622	-0.006
82.644	-0.006
82.667	-0.006
82.689	-0.006
82.711	-0.006
82.733	-0.006
82.756	-0.006
82.778	-0.006
82.800	-0.006
82.822	-0.006
82.844	-0.006
82.867	-0.006
82.889	-0.006
82.911	-0.006
82.933	-0.006
82.956	-0.006
82.978	-0.006
83.000	-0.006
83.022	-0.006
83.044	-0.006
83.067	-0.006
83.089	-0.006
83.111	-0.006
83.133	-0.006
83.156	-0.006
83.178	-0.006
83.200	-0.006
83.222	-0.006
83.244	-0.006
83.267	-0.006
83.289	-0.006
83.311	-0.006
83.333	-0.006
83.356	-0.006
83.378	-0.006
83.400	-0.006
83.422	-0.006
83.444	-0.006
83.467	-0.006
83.489	-0.006
83.511	-0.006
83.533	-0.006
83.556	-0.006
83.578	-0.006
83.600	-0.006
83.622	-0.006
83.644	-0.006
83.667	-0.006
83.689	-0.006
83.711	-0.006
83.733	-0.006
83.756	-0.006
83.778	-0.006

83.800	-0.006
83.822	-0.006
83.844	-0.006
83.867	-0.006
83.889	-0.006
83.911	-0.006
83.933	-0.006
83.956	-0.006
83.978	-0.006
84.000	-0.006
84.022	-0.006
84.044	-0.006
84.067	-0.006
84.089	-0.006
84.111	-0.006
84.133	-0.006
84.156	-0.006
84.178	-0.006
84.200	-0.006
84.222	-0.006
84.244	-0.006
84.267	-0.006
84.289	-0.006
84.311	-0.006
84.333	-0.006
84.356	-0.006
84.378	-0.006
84.400	-0.006
84.422	-0.006
84.444	-0.006
84.467	-0.006
84.489	-0.006
84.511	-0.006
84.533	-0.006
84.556	-0.006
84.578	-0.006
84.600	-0.006
84.622	-0.006
84.644	-0.006
84.667	-0.006
84.689	-0.006
84.711	-0.006
84.733	-0.006
84.756	-0.006
84.778	-0.006
84.800	-0.006
84.822	-0.006
84.844	-0.006
84.867	-0.006
84.889	-0.006
84.911	-0.006
84.933	-0.006
84.956	-0.006
84.978	-0.006
85.000	-0.006
85.022	-0.006
85.044	-0.006
85.067	-0.006
85.089	-0.006
85.111	-0.006
85.133	-0.006
85.156	-0.006
85.178	-0.006
85.200	-0.006
85.222	-0.006

85.244	-0.006
85.267	-0.006
85.289	-0.006
85.311	-0.006
85.333	-0.006
85.356	-0.006
85.378	-0.006
85.400	-0.006
85.422	-0.006
85.444	-0.006
85.467	-0.006
85.489	-0.006
85.511	-0.006
85.533	-0.006
85.556	-0.006
85.578	-0.006
85.600	-0.006
85.622	-0.006
85.644	-0.006
85.667	-0.006
85.689	-0.006
85.711	-0.006
85.733	-0.006
85.756	-0.006
85.778	-0.006
85.800	-0.006
85.822	-0.006
85.844	-0.006
85.867	-0.006
85.889	-0.006
85.911	-0.006
85.933	-0.006
85.956	-0.006
85.978	-0.006
86.000	-0.006
86.022	-0.006
86.044	-0.006
86.067	-0.006
86.089	-0.006
86.111	-0.006
86.133	-0.006
86.156	-0.006
86.178	-0.006
86.200	-0.006
86.222	-0.006
86.244	-0.006
86.267	-0.006
86.289	-0.006
86.311	-0.006
86.333	-0.006
86.356	-0.006
86.378	-0.006
86.400	-0.006
86.422	-0.006
86.444	-0.006
86.467	-0.006
86.489	-0.006
86.511	-0.006
86.533	-0.006
86.556	-0.006
86.578	-0.006
86.600	-0.006
86.622	-0.006
86.644	-0.006
86.667	-0.006

86.689	-0.006
86.711	-0.006
86.733	-0.006
86.756	-0.006
86.778	-0.006
86.800	-0.006
86.822	-0.006
86.844	-0.006
86.867	-0.006
86.889	-0.006
86.911	-0.006
86.933	-0.006
86.956	-0.006
86.978	-0.006
87.000	-0.006
87.022	-0.006
87.044	-0.006
87.067	-0.006
87.089	-0.006
87.111	-0.006
87.133	-0.006
87.156	-0.006
87.178	-0.006
87.200	-0.006
87.222	-0.006
87.244	-0.006
87.267	-0.006
87.289	-0.006
87.311	-0.006
87.333	-0.006
87.356	-0.006
87.378	-0.006
87.400	-0.006
87.422	-0.006
87.444	-0.006
87.467	-0.006
87.489	-0.006
87.511	-0.006
87.533	-0.006
87.556	-0.006
87.578	-0.006
87.600	-0.006
87.622	-0.006
87.644	-0.006
87.667	-0.006
87.689	-0.006
87.711	-0.006
87.733	-0.006
87.756	-0.006
87.778	-0.006
87.800	-0.006
87.822	-0.006
87.844	-0.006
87.867	-0.006
87.889	-0.006
87.911	-0.006
87.933	-0.006
87.956	-0.006
87.978	-0.006
88.000	-0.006
88.022	-0.006
88.044	-0.006
88.067	-0.006
88.089	-0.006
88.111	-0.006

88.133	-0.006
88.156	-0.006
88.178	-0.006
88.200	-0.006
88.222	-0.006
88.244	-0.006
88.267	-0.006
88.289	-0.006
88.311	-0.006
88.333	-0.006
88.356	-0.006
88.378	-0.006
88.400	-0.006
88.422	-0.006
88.444	-0.006
88.467	-0.006
88.489	-0.006
88.511	-0.006
88.533	-0.006
88.556	-0.006
88.578	-0.006
88.600	-0.006
88.622	-0.006
88.644	-0.006
88.667	-0.006
88.689	-0.006
88.711	-0.006
88.733	-0.006
88.756	-0.006
88.778	-0.006
88.800	-0.006
88.822	-0.006
88.844	-0.006
88.867	-0.006
88.889	-0.006
88.911	-0.006
88.933	-0.006
88.956	-0.006
88.978	-0.006
89.000	-0.006
89.022	-0.006
89.044	-0.006
89.067	-0.006
89.089	-0.006
89.111	-0.006
89.133	-0.006
89.156	-0.006
89.178	-0.006
89.200	-0.006
89.222	-0.006
89.244	-0.006
89.267	-0.006
89.289	-0.006
89.311	-0.006
89.333	-0.006
89.356	-0.006
89.378	-0.006
89.400	-0.006
89.422	-0.006
89.444	-0.006
89.467	-0.006
89.489	-0.006
89.511	-0.006
89.533	-0.006
89.556	-0.006

89.578	-0.006
89.600	-0.006
89.622	-0.006
89.644	-0.006
89.667	-0.006
89.689	-0.006
89.711	-0.006
89.733	-0.006
89.756	-0.006
89.778	-0.006
89.800	-0.006
89.822	-0.006
89.844	-0.006
89.867	-0.006
89.889	-0.006
89.911	-0.006
89.933	-0.006
89.956	-0.006
89.978	-0.006
90.000	-0.006
90.022	-0.006
90.044	-0.006
90.067	-0.006
90.089	-0.006
90.111	-0.006
90.133	-0.006
90.156	-0.006
90.178	-0.006
90.200	-0.006
90.222	-0.006
90.244	-0.006
90.267	-0.006
90.289	-0.006
90.311	-0.006
90.333	-0.006
90.356	-0.006
90.378	-0.006
90.400	-0.006
90.422	-0.006
90.444	-0.006
90.467	-0.006
90.489	-0.006
90.511	-0.006
90.533	-0.006
90.556	-0.006
90.578	-0.006
90.600	-0.006
90.622	-0.006
90.644	-0.006
90.667	-0.006
90.689	-0.006
90.711	-0.006
90.733	-0.006
90.756	-0.006
90.778	-0.006
90.800	-0.006
90.822	-0.006
90.844	-0.006
90.867	-0.006
90.889	-0.006
90.911	-0.006
90.933	-0.006
90.956	-0.006
90.978	-0.006
91.000	-0.006

91.022	-0.006
91.044	-0.006
91.067	-0.006
91.089	-0.006
91.111	-0.006
91.133	-0.006
91.156	-0.006
91.178	-0.006
91.200	-0.006
91.222	-0.006
91.244	-0.006
91.267	-0.006
91.289	-0.006
91.311	-0.006
91.333	-0.006
91.356	-0.006
91.378	-0.006
91.400	-0.006
91.422	-0.006
91.444	-0.006
91.467	-0.006
91.489	-0.006
91.511	-0.006
91.533	-0.006
91.556	-0.006
91.578	-0.006
91.600	-0.006
91.622	-0.006
91.644	-0.006
91.667	-0.006
91.689	-0.006
91.711	-0.006
91.733	-0.006
91.756	-0.006
91.778	-0.006
91.800	-0.006
91.822	-0.006
91.844	-0.006
91.867	-0.006
91.889	-0.006
91.911	-0.006
91.933	-0.006
91.956	-0.006
91.978	-0.006
92.000	-0.006
92.022	-0.006
92.044	-0.006
92.067	-0.006
92.089	-0.006
92.111	-0.006
92.133	-0.006
92.156	-0.006
92.178	-0.006
92.200	-0.006
92.222	-0.006
92.244	-0.006
92.267	-0.006
92.289	-0.006
92.311	-0.006
92.333	-0.006
92.356	-0.006
92.378	-0.006
92.400	-0.006
92.422	-0.006
92.444	-0.006

92.467	-0.006
92.489	-0.006
92.511	-0.006
92.533	-0.006
92.556	-0.006
92.578	-0.006
92.600	-0.006
92.622	-0.006
92.644	-0.006
92.667	-0.006
92.689	-0.006
92.711	-0.006
92.733	-0.006
92.756	-0.006
92.778	-0.006
92.800	-0.006
92.822	-0.006
92.844	-0.006
92.867	-0.006
92.889	-0.006
92.911	-0.006
92.933	-0.006
92.956	-0.006
92.978	-0.006
93.000	-0.006
93.022	-0.006
93.044	-0.006
93.067	-0.006
93.089	-0.006
93.111	-0.006
93.133	-0.006
93.156	-0.006
93.178	-0.006
93.200	-0.006
93.222	-0.006
93.244	-0.006
93.267	-0.006
93.289	-0.006
93.311	-0.006
93.333	-0.006
93.356	-0.006
93.378	-0.006
93.400	-0.006
93.422	-0.006
93.444	-0.006
93.467	-0.006
93.489	-0.006
93.511	-0.006
93.533	-0.006
93.556	-0.006
93.578	-0.006
93.600	-0.006
93.622	-0.006
93.644	-0.006
93.667	-0.006
93.689	-0.006
93.711	-0.006
93.733	-0.006
93.756	-0.006
93.778	-0.006
93.800	-0.006
93.822	-0.006
93.844	-0.006
93.867	-0.006
93.889	-0.006

93.911	-0.006
93.933	-0.006
93.956	-0.006
93.978	-0.006
94.000	-0.006
94.022	-0.006
94.044	-0.006
94.067	-0.006
94.089	-0.006
94.111	-0.006
94.133	-0.006
94.156	-0.006
94.178	-0.006
94.200	-0.006
94.222	-0.006
94.244	-0.006
94.267	-0.006
94.289	-0.006
94.311	-0.006
94.333	-0.006
94.356	-0.006
94.378	-0.006
94.400	-0.006
94.422	-0.006
94.444	-0.006
94.467	-0.006
94.489	-0.006
94.511	-0.006
94.533	-0.006
94.556	-0.006
94.578	-0.006
94.600	-0.006
94.622	-0.006
94.644	-0.006
94.667	-0.006
94.689	-0.006
94.711	-0.006
94.733	-0.006
94.756	-0.006
94.778	-0.006
94.800	-0.006
94.822	-0.006
94.844	-0.006
94.867	-0.006
94.889	-0.006
94.911	-0.006
94.933	-0.006
94.956	-0.006
94.978	-0.006
95.000	-0.006
95.022	-0.006
95.044	-0.006
95.067	-0.006
95.089	-0.006
95.111	-0.006
95.133	-0.006
95.156	-0.006
95.178	-0.006
95.200	-0.006
95.222	-0.006
95.244	-0.006
95.267	-0.006
95.289	-0.006
95.311	-0.006
95.333	-0.006

95.356	-0.006
95.378	-0.006
95.400	-0.006
95.422	-0.006
95.444	-0.006
95.467	-0.006
95.489	-0.006
95.511	-0.006
95.533	-0.006
95.556	-0.006
95.578	-0.006
95.600	-0.006
95.622	-0.006
95.644	-0.006
95.667	-0.006
95.689	-0.006
95.711	-0.006
95.733	-0.006
95.756	-0.006
95.778	-0.006
95.800	-0.006
95.822	-0.006
95.844	-0.006
95.867	-0.006
95.889	-0.006
95.911	-0.006
95.933	-0.006
95.956	-0.006
95.978	-0.006
96.000	-0.006
96.022	-0.006
96.044	-0.006
96.067	-0.006
96.089	-0.006
96.111	-0.006
96.133	-0.006
96.156	-0.006
96.178	-0.006
96.200	-0.006
96.222	-0.006
96.244	-0.006
96.267	-0.006
96.289	-0.006
96.311	-0.006
96.333	-0.006
96.356	-0.006
96.378	-0.006
96.400	-0.006
96.422	-0.006
96.444	-0.006
96.467	-0.006
96.489	-0.006
96.511	-0.006
96.533	-0.006
96.556	-0.006
96.578	-0.006
96.600	-0.006
96.622	-0.006
96.644	-0.006
96.667	-0.006
96.689	-0.006
96.711	-0.006
96.733	-0.006
96.756	-0.006
96.778	-0.006

96.800	-0.006
96.822	-0.006
96.844	-0.006
96.867	-0.006
96.889	-0.006
96.911	-0.006
96.933	-0.006
96.956	-0.006
96.978	-0.006
97.000	-0.006
97.022	-0.006
97.044	-0.006
97.067	-0.006
97.089	-0.006
97.111	-0.006
97.133	-0.006
97.156	-0.006
97.178	-0.006
97.200	-0.006
97.222	-0.006
97.244	-0.006
97.267	-0.006
97.289	-0.006
97.311	-0.006
97.333	-0.006
97.356	-0.006
97.378	-0.006
97.400	-0.006
97.422	-0.006
97.444	-0.006
97.467	-0.006
97.489	-0.006
97.511	-0.006
97.533	-0.006
97.556	-0.006
97.578	-0.006
97.600	-0.006
97.622	-0.006
97.644	-0.006
97.667	-0.006
97.689	-0.006
97.711	-0.006
97.733	-0.006
97.756	-0.006
97.778	-0.006
97.800	-0.006
97.822	-0.006
97.844	-0.006
97.867	-0.006
97.889	-0.006
97.911	-0.006
97.933	-0.006
97.956	-0.006
97.978	-0.006
98.000	-0.006
98.022	-0.006
98.044	-0.006
98.067	-0.006
98.089	-0.006
98.111	-0.006
98.133	-0.006
98.156	-0.006
98.178	-0.006
98.200	-0.006
98.222	-0.006

98.244	-0.006
98.267	-0.006
98.289	-0.006
98.311	-0.006
98.333	-0.006
98.356	-0.006
98.378	-0.006
98.400	-0.006
98.422	-0.006
98.444	-0.006
98.467	-0.006
98.489	-0.006
98.511	-0.006
98.533	-0.006
98.556	-0.006
98.578	-0.006
98.600	-0.006
98.622	-0.006
98.644	-0.006
98.667	-0.006
98.689	-0.006
98.711	-0.006
98.733	-0.006
98.756	-0.006
98.778	-0.006
98.800	-0.006
98.822	-0.006
98.844	-0.006
98.867	-0.006
98.889	-0.006
98.911	-0.006
98.933	-0.006
98.956	-0.006
98.978	-0.006
99.000	-0.006
99.022	-0.006
99.044	-0.006
99.067	-0.006
99.089	-0.006
99.111	-0.006
99.133	-0.006
99.156	-0.006
99.178	-0.006
99.200	-0.006
99.222	-0.006
99.244	-0.006
99.267	-0.006
99.289	-0.006
99.311	-0.006
99.333	-0.006
99.356	-0.006
99.378	-0.006
99.400	-0.006
99.422	-0.006
99.444	-0.006
99.467	-0.006
99.489	-0.006
99.511	-0.006
99.533	-0.006
99.556	-0.006
99.578	-0.006
99.600	-0.006
99.622	-0.006
99.644	-0.006
99.667	-0.006

99.689	-0.006
99.711	-0.006
99.733	-0.006
99.756	-0.006
99.778	-0.006
99.800	-0.006
99.822	-0.006
99.844	-0.006
99.867	-0.006
99.889	-0.006
99.911	-0.006
99.933	-0.006
99.956	-0.006
99.978	-0.006
100.000	-0.006
100.022	-0.006
100.044	-0.006
100.067	-0.006
100.089	-0.006
100.111	-0.006
100.133	-0.006
100.156	-0.006
100.178	-0.006
100.200	-0.006
100.222	-0.006
100.244	-0.006
100.267	-0.006
100.289	-0.006
100.311	-0.006
100.333	-0.006
100.356	-0.006
100.378	-0.006
100.400	-0.006
100.422	-0.006
100.444	-0.006
100.467	-0.006
100.489	-0.006
100.511	-0.006
100.533	-0.006
100.556	-0.006
100.578	-0.006
100.600	-0.006
100.622	-0.006
100.644	-0.006
100.667	-0.006
100.689	-0.006
100.711	-0.006
100.733	-0.006
100.756	-0.006
100.778	-0.006
100.800	-0.006
100.822	-0.006
100.844	-0.006
100.867	-0.006
100.889	-0.006
100.911	-0.006
100.933	-0.006
100.956	-0.006
100.978	-0.006
101.000	-0.006
101.022	-0.006
101.044	-0.006
101.067	-0.006
101.089	-0.006
101.111	-0.006

101.133	-0.006
101.156	-0.006
101.178	-0.006
101.200	-0.006
101.222	-0.006
101.244	-0.006
101.267	-0.006
101.289	-0.006
101.311	-0.006
101.333	-0.006
101.356	-0.006
101.378	-0.006
101.400	-0.006
101.422	-0.006
101.444	-0.006
101.467	-0.006
101.489	-0.006
101.511	-0.006
101.533	-0.006
101.556	-0.006
101.578	-0.006
101.600	-0.006
101.622	-0.006
101.644	-0.006
101.667	-0.006
101.689	-0.006
101.711	-0.006
101.733	-0.006
101.756	-0.006
101.778	-0.006
101.800	-0.006
101.822	-0.006
101.844	-0.006
101.867	-0.006
101.889	-0.006
101.911	-0.006
101.933	-0.006
101.956	-0.006
101.978	-0.006
102.000	-0.006
102.022	-0.006
102.044	-0.006
102.067	-0.006
102.089	-0.006
102.111	-0.006
102.133	-0.006
102.156	-0.006
102.178	-0.006
102.200	-0.006
102.222	-0.006
102.244	-0.006
102.267	-0.006
102.289	-0.006
102.311	-0.006
102.333	-0.006
102.356	-0.006
102.378	-0.006
102.400	-0.006
102.422	-0.006
102.444	-0.006
102.467	-0.006
102.489	-0.006
102.511	-0.006
102.533	-0.006
102.556	-0.006

102.578	-0.006
102.600	-0.006
102.622	-0.006
102.644	-0.006
102.667	-0.006
102.689	-0.006
102.711	-0.006
102.733	-0.006
102.756	-0.006
102.778	-0.006
102.800	-0.006
102.822	-0.006
102.844	-0.006
102.867	-0.006
102.889	-0.006
102.911	-0.006
102.933	-0.006
102.956	-0.006
102.978	-0.006
103.000	-0.006
103.022	-0.006
103.044	-0.006
103.067	-0.006
103.089	-0.006
103.111	-0.006
103.133	-0.006
103.156	-0.006
103.178	-0.006
103.200	-0.006
103.222	-0.006
103.244	-0.006
103.267	-0.006
103.289	-0.006
103.311	-0.006
103.333	-0.006
103.356	-0.006
103.378	-0.006
103.400	-0.006
103.422	-0.006
103.444	-0.006
103.467	-0.006
103.489	-0.006
103.511	-0.006
103.533	-0.006
103.556	-0.006
103.578	-0.006
103.600	-0.006
103.622	-0.006
103.644	-0.006
103.667	-0.006
103.689	-0.006
103.711	-0.006
103.733	-0.006
103.756	-0.006
103.778	-0.006
103.800	-0.006
103.822	-0.006
103.844	-0.006
103.867	-0.006
103.889	-0.006
103.911	-0.006
103.933	-0.006
103.956	-0.006
103.978	-0.006
104.000	-0.006

104.022	-0.006
104.044	-0.006
104.067	-0.006
104.089	-0.006
104.111	-0.006
104.133	-0.006
104.156	-0.006
104.178	-0.006
104.200	-0.006
104.222	-0.006
104.244	-0.006
104.267	-0.006
104.289	-0.006
104.311	-0.006
104.333	-0.006
104.356	-0.006
104.378	-0.006
104.400	-0.006
104.422	-0.006
104.444	-0.006
104.467	-0.006
104.489	-0.006
104.511	-0.006
104.533	-0.006
104.556	-0.006
104.578	-0.006
104.600	-0.006
104.622	-0.006
104.644	-0.006
104.667	-0.006
104.689	-0.006
104.711	-0.006
104.733	-0.006
104.756	-0.006
104.778	-0.006
104.800	-0.006
104.822	-0.006
104.844	-0.006
104.867	-0.006
104.889	-0.006
104.911	-0.006
104.933	-0.006
104.956	-0.006
104.978	-0.006
105.000	-0.006
105.022	-0.006
105.044	-0.006
105.067	-0.006
105.089	-0.006
105.111	-0.006
105.133	-0.006
105.156	-0.006
105.178	-0.006
105.200	-0.006
105.222	-0.006
105.244	-0.006
105.267	-0.006
105.289	-0.006
105.311	-0.006
105.333	-0.006
105.356	-0.006
105.378	-0.006
105.400	-0.006
105.422	-0.006
105.444	-0.006

105.467	-0.006
105.489	-0.006
105.511	-0.006
105.533	-0.006
105.556	-0.006
105.578	-0.006
105.600	-0.006
105.622	-0.006
105.644	-0.006
105.667	-0.006
105.689	-0.006
105.711	-0.006
105.733	-0.006
105.756	-0.006
105.778	-0.006
105.800	-0.006
105.822	-0.006
105.844	-0.006
105.867	-0.006
105.889	-0.006
105.911	-0.006
105.933	-0.006
105.956	-0.006
105.978	-0.006
106.000	-0.006
106.022	-0.006
106.044	-0.006
106.067	-0.006
106.089	-0.006
106.111	-0.006
106.133	-0.006
106.156	-0.006
106.178	-0.006
106.200	-0.006
106.222	-0.006
106.244	-0.005
106.267	-0.005
106.289	-0.005
106.311	-0.005
106.333	-0.005
106.356	-0.005
106.378	-0.005
106.400	-0.005
106.422	-0.005
106.444	-0.005
106.467	-0.005
106.489	-0.005
106.511	-0.005
106.533	-0.005
106.556	-0.005
106.578	-0.005
106.600	-0.005
106.622	-0.005
106.644	-0.005
106.667	-0.005
106.689	-0.005
106.711	-0.005
106.733	-0.005
106.756	-0.005
106.778	-0.005
106.800	-0.005
106.822	-0.005
106.844	-0.005
106.867	-0.005
106.889	-0.005

106.911	-0.005
106.933	-0.005
106.956	-0.005
106.978	-0.005
107.000	-0.005
107.022	-0.005
107.044	-0.005
107.067	-0.005
107.089	-0.005
107.111	-0.005
107.133	-0.005
107.156	-0.005
107.178	-0.005
107.200	-0.005
107.222	-0.005
107.244	-0.005
107.267	-0.005
107.289	-0.005
107.311	-0.005
107.333	-0.005
107.356	-0.005
107.378	-0.005
107.400	-0.005
107.422	-0.005
107.444	-0.005
107.467	-0.005
107.489	-0.005
107.511	-0.005
107.533	-0.005
107.556	-0.005
107.578	-0.005
107.600	-0.005
107.622	-0.005
107.644	-0.005
107.667	-0.005
107.689	-0.005
107.711	-0.005
107.733	-0.005
107.756	-0.005
107.778	-0.005
107.800	-0.005
107.822	-0.005
107.844	-0.005
107.867	-0.005
107.889	-0.005
107.911	-0.005
107.933	-0.005
107.956	-0.005
107.978	-0.005
108.000	-0.005
108.022	-0.005
108.044	-0.005
108.067	-0.005
108.089	-0.005
108.111	-0.005
108.133	-0.005
108.156	-0.005
108.178	-0.005
108.200	-0.005
108.222	-0.005
108.244	-0.005
108.267	-0.005
108.289	-0.005
108.311	-0.005
108.333	-0.005

108.356	-0.005
108.378	-0.005
108.400	-0.005
108.422	-0.005
108.444	-0.005
108.467	-0.005
108.489	-0.005
108.511	-0.005
108.533	-0.005
108.556	-0.005
108.578	-0.005
108.600	-0.005
108.622	-0.005
108.644	-0.005
108.667	-0.005
108.689	-0.005
108.711	-0.005
108.733	-0.005
108.756	-0.005
108.778	-0.005
108.800	-0.005
108.822	-0.005
108.844	-0.005
108.867	-0.005
108.889	-0.005
108.911	-0.005
108.933	-0.005
108.956	-0.005
108.978	-0.005
109.000	-0.005
109.022	-0.005
109.044	-0.005
109.067	-0.005
109.089	-0.005
109.111	-0.005
109.133	-0.005
109.156	-0.005
109.178	-0.005
109.200	-0.005
109.222	-0.005
109.244	-0.005
109.267	-0.005
109.289	-0.005
109.311	-0.005
109.333	-0.005
109.356	-0.005
109.378	-0.005
109.400	-0.005
109.422	-0.005
109.444	-0.005
109.467	-0.005
109.489	-0.005
109.511	-0.005
109.533	-0.005
109.556	-0.005
109.578	-0.005
109.600	-0.005
109.622	-0.005
109.644	-0.005
109.667	-0.005
109.689	-0.005
109.711	-0.005
109.733	-0.005
109.756	-0.005
109.778	-0.005

109.800	-0.005
109.822	-0.005
109.844	-0.005
109.867	-0.005
109.889	-0.005
109.911	-0.005
109.933	-0.005
109.956	-0.005
109.978	-0.005
110.000	-0.005
110.022	-0.005
110.044	-0.005
110.067	-0.005
110.089	-0.005
110.111	-0.005
110.133	-0.005
110.156	-0.005
110.178	-0.005
110.200	-0.005
110.222	-0.005
110.244	-0.005
110.267	-0.005
110.289	-0.005
110.311	-0.005
110.333	-0.005
110.356	-0.005
110.378	-0.005
110.400	-0.005
110.422	-0.005
110.444	-0.005
110.467	-0.005
110.489	-0.005
110.511	-0.005
110.533	-0.005
110.556	-0.005
110.578	-0.005
110.600	-0.005
110.622	-0.005
110.644	-0.005
110.667	-0.005
110.689	-0.005
110.711	-0.005
110.733	-0.005
110.756	-0.005
110.778	-0.005
110.800	-0.005
110.822	-0.005
110.844	-0.005
110.867	-0.005
110.889	-0.005
110.911	-0.005
110.933	-0.005
110.956	-0.005
110.978	-0.005
111.000	-0.005
111.022	-0.005
111.044	-0.005
111.067	-0.005
111.089	-0.005
111.111	-0.005
111.133	-0.005
111.156	-0.005
111.178	-0.005
111.200	-0.005
111.222	-0.005

111.244	-0.005
111.267	-0.005
111.289	-0.005
111.311	-0.005
111.333	-0.005
111.356	-0.005
111.378	-0.005
111.400	-0.005
111.422	-0.005
111.444	-0.005
111.467	-0.005
111.489	-0.005
111.511	-0.005
111.533	-0.005
111.556	-0.005
111.578	-0.005
111.600	-0.005
111.622	-0.005
111.644	-0.005
111.667	-0.005
111.689	-0.005
111.711	-0.005
111.733	-0.005
111.756	-0.005
111.778	-0.005
111.800	-0.005
111.822	-0.005
111.844	-0.005
111.867	-0.005
111.889	-0.005
111.911	-0.005
111.933	-0.005
111.956	-0.005
111.978	-0.005
112.000	-0.005
112.022	-0.005
112.044	-0.005
112.067	-0.005
112.089	-0.005
112.111	-0.005
112.133	-0.005
112.156	-0.005
112.178	-0.005
112.200	-0.005
112.222	-0.005
112.244	-0.005
112.267	-0.005
112.289	-0.005
112.311	-0.005
112.333	-0.005
112.356	-0.005
112.378	-0.005
112.400	-0.005
112.422	-0.005
112.444	-0.005
112.467	-0.005
112.489	-0.005
112.511	-0.005
112.533	-0.005
112.556	-0.005
112.578	-0.005
112.600	-0.005
112.622	-0.005
112.644	-0.005
112.667	-0.005

112.689	-0.005
112.711	-0.005
112.733	-0.005
112.756	-0.005
112.778	-0.005
112.800	-0.005
112.822	-0.005
112.844	-0.005
112.867	-0.005
112.889	-0.005
112.911	-0.005
112.933	-0.005
112.956	-0.005
112.978	-0.005
113.000	-0.005
113.022	-0.005
113.044	-0.005
113.067	-0.005
113.089	-0.005
113.111	-0.005
113.133	-0.005
113.156	-0.005
113.178	-0.005
113.200	-0.005
113.222	-0.005
113.244	-0.005
113.267	-0.005
113.289	-0.005
113.311	-0.005
113.333	-0.005
113.356	-0.005
113.378	-0.005
113.400	-0.005
113.422	-0.005
113.444	-0.005
113.467	-0.005
113.489	-0.005
113.511	-0.005
113.533	-0.005
113.556	-0.005
113.578	-0.005
113.600	-0.005
113.622	-0.005
113.644	-0.005
113.667	-0.005
113.689	-0.005
113.711	-0.005
113.733	-0.005
113.756	-0.005
113.778	-0.005
113.800	-0.005
113.822	-0.005
113.844	-0.005
113.867	-0.005
113.889	-0.005
113.911	-0.005
113.933	-0.005
113.956	-0.005
113.978	-0.005
114.000	-0.005
114.022	-0.005
114.044	-0.005
114.067	-0.005
114.089	-0.005
114.111	-0.005

114.133	-0.005
114.156	-0.005
114.178	-0.005
114.200	-0.005
114.222	-0.005
114.244	-0.005
114.267	-0.005
114.289	-0.005
114.311	-0.005
114.333	-0.005
114.356	-0.005
114.378	-0.005
114.400	-0.005
114.422	-0.005
114.444	-0.005
114.467	-0.005
114.489	-0.005
114.511	-0.005
114.533	-0.005
114.556	-0.005
114.578	-0.005
114.600	-0.005
114.622	-0.005
114.644	-0.005
114.667	-0.005
114.689	-0.005
114.711	-0.005
114.733	-0.005
114.756	-0.005
114.778	-0.005
114.800	-0.005
114.822	-0.005
114.844	-0.005
114.867	-0.005
114.889	-0.005
114.911	-0.005
114.933	-0.005
114.956	-0.005
114.978	-0.005
115.000	-0.005
115.022	-0.005
115.044	-0.005
115.067	-0.005
115.089	-0.005
115.111	-0.005
115.133	-0.005
115.156	-0.005
115.178	-0.005
115.200	-0.005
115.222	-0.005
115.244	-0.005
115.267	-0.005
115.289	-0.005
115.311	-0.005
115.333	-0.005
115.356	-0.005
115.378	-0.005
115.400	-0.005
115.422	-0.005
115.444	-0.005
115.467	-0.005
115.489	-0.005
115.511	-0.005
115.533	-0.005
115.556	-0.005

115.578	-0.005
115.600	-0.005
115.622	-0.005
115.644	-0.005
115.667	-0.005
115.689	-0.005
115.711	-0.005
115.733	-0.005
115.756	-0.005
115.778	-0.005
115.800	-0.005
115.822	-0.005
115.844	-0.005
115.867	-0.005
115.889	-0.005
115.911	-0.005
115.933	-0.005
115.956	-0.005
115.978	-0.005
116.000	-0.005
116.022	-0.005
116.044	-0.005
116.067	-0.005
116.089	-0.005
116.111	-0.005
116.133	-0.005
116.156	-0.005
116.178	-0.005
116.200	-0.005
116.222	-0.005
116.244	-0.005
116.267	-0.005
116.289	-0.005
116.311	-0.005
116.333	-0.005
116.356	-0.005
116.378	-0.005
116.400	-0.005
116.422	-0.005
116.444	-0.005
116.467	-0.005
116.489	-0.005
116.511	-0.005
116.533	-0.005
116.556	-0.005
116.578	-0.005
116.600	-0.005
116.622	-0.005
116.644	-0.005
116.667	-0.005
116.689	-0.005
116.711	-0.005
116.733	-0.005
116.756	-0.005
116.778	-0.005
116.800	-0.005
116.822	-0.005
116.844	-0.005
116.867	-0.005
116.889	-0.005
116.911	-0.005
116.933	-0.005
116.956	-0.005
116.978	-0.005
117.000	-0.005

117.022	-0.005
117.044	-0.005
117.067	-0.005
117.089	-0.005
117.111	-0.005
117.133	-0.005
117.156	-0.005
117.178	-0.005
117.200	-0.005
117.222	-0.005
117.244	-0.005
117.267	-0.005
117.289	-0.005
117.311	-0.005
117.333	-0.005
117.356	-0.005
117.378	-0.005
117.400	-0.005
117.422	-0.005
117.444	-0.005
117.467	-0.005
117.489	-0.005
117.511	-0.005
117.533	-0.005
117.556	-0.005
117.578	-0.005
117.600	-0.005
117.622	-0.005
117.644	-0.005
117.667	-0.005
117.689	-0.005
117.711	-0.005
117.733	-0.005
117.756	-0.005
117.778	-0.005
117.800	-0.005
117.822	-0.005
117.844	-0.005
117.867	-0.005
117.889	-0.005
117.911	-0.005
117.933	-0.005
117.956	-0.005
117.978	-0.005
118.000	-0.005
118.022	-0.005
118.044	-0.005
118.067	-0.005
118.089	-0.005
118.111	-0.005
118.133	-0.005
118.156	-0.005
118.178	-0.005
118.200	-0.005
118.222	-0.005
118.244	-0.005
118.267	-0.005
118.289	-0.005
118.311	-0.005
118.333	-0.005
118.356	-0.005
118.378	-0.005
118.400	-0.005
118.422	-0.005
118.444	-0.005

118.467	-0.005
118.489	-0.005
118.511	-0.005
118.533	-0.005
118.556	-0.005
118.578	-0.005
118.600	-0.005
118.622	-0.005
118.644	-0.005
118.667	-0.005
118.689	-0.005
118.711	-0.005
118.733	-0.005
118.756	-0.005
118.778	-0.005
118.800	-0.005
118.822	-0.005
118.844	-0.005
118.867	-0.005
118.889	-0.005
118.911	-0.005
118.933	-0.005
118.956	-0.005
118.978	-0.005
119.000	-0.005
119.022	-0.005
119.044	-0.005
119.067	-0.005
119.089	-0.005
119.111	-0.005
119.133	-0.005
119.156	-0.005
119.178	-0.005
119.200	-0.005
119.222	-0.005
119.244	-0.005
119.267	-0.005
119.289	-0.005
119.311	-0.005
119.333	-0.005
119.356	-0.005
119.378	-0.005
119.400	-0.005
119.422	-0.005
119.444	-0.005
119.467	-0.005
119.489	-0.005
119.511	-0.005
119.533	-0.005
119.556	-0.005
119.578	-0.005
119.600	-0.005
119.622	-0.005
119.644	-0.005
119.667	-0.005
119.689	-0.005
119.711	-0.005
119.733	-0.005
119.756	-0.005
119.778	-0.005
119.800	-0.005
119.822	-0.005
119.844	-0.005
119.867	-0.005
119.889	-0.005

119.911	-0.005
119.933	-0.005
119.956	-0.005
119.978	-0.005
120.000	-0.005
120.022	-0.005
120.044	-0.005
120.067	-0.005
120.089	-0.005
120.111	-0.005
120.133	-0.005
120.156	-0.005
120.178	-0.005
120.200	-0.005
120.222	-0.005
120.244	-0.005
120.267	-0.005
120.289	-0.005
120.311	-0.005
120.333	-0.005
120.356	-0.005
120.378	-0.005
120.400	-0.005
120.422	-0.005
120.444	-0.005
120.467	-0.005
120.489	-0.005
120.511	-0.005
120.533	-0.005
120.556	-0.005
120.578	-0.005
120.600	-0.005
120.622	-0.005
120.644	-0.005
120.667	-0.005
120.689	-0.005
120.711	-0.005
120.733	-0.005
120.756	-0.005
120.778	-0.005
120.800	-0.005
120.822	-0.005
120.844	-0.005
120.867	-0.005
120.889	-0.005
120.911	-0.005
120.933	-0.005
120.956	-0.005
120.978	-0.005
121.000	-0.005
121.022	-0.005
121.044	-0.005
121.067	-0.005
121.089	-0.005
121.111	-0.005
121.133	-0.005
121.156	-0.005
121.178	-0.005
121.200	-0.005
121.222	-0.005
121.244	-0.005
121.267	-0.005
121.289	-0.005
121.311	-0.005
121.333	-0.005

121.356	-0.005
121.378	-0.005
121.400	-0.005
121.422	-0.005
121.444	-0.005
121.467	-0.005
121.489	-0.005
121.511	-0.005
121.533	-0.005
121.556	-0.005
121.578	-0.005
121.600	-0.005
121.622	-0.005
121.644	-0.005
121.667	-0.005
121.689	-0.005
121.711	-0.005
121.733	-0.005
121.756	-0.005
121.778	-0.005
121.800	-0.005
121.822	-0.005
121.844	-0.005
121.867	-0.005
121.889	-0.005
121.911	-0.005
121.933	-0.005
121.956	-0.005
121.978	-0.005
122.000	-0.005
122.022	-0.005
122.044	-0.005
122.067	-0.005
122.089	-0.005
122.111	-0.005
122.133	-0.005
122.156	-0.005
122.178	-0.005
122.200	-0.005
122.222	-0.005
122.244	-0.005
122.267	-0.005
122.289	-0.005
122.311	-0.005
122.333	-0.005
122.356	-0.005
122.378	-0.005
122.400	-0.005
122.422	-0.005
122.444	-0.005
122.467	-0.005
122.489	-0.005
122.511	-0.005
122.533	-0.005
122.556	-0.005
122.578	-0.005
122.600	-0.005
122.622	-0.005
122.644	-0.005
122.667	-0.005
122.689	-0.005
122.711	-0.005
122.733	-0.005
122.756	-0.005
122.778	-0.005

122.800	-0.005
122.822	-0.005
122.844	-0.005
122.867	-0.005
122.889	-0.005
122.911	-0.005
122.933	-0.005
122.956	-0.005
122.978	-0.005
123.000	-0.005
123.022	-0.005
123.044	-0.005
123.067	-0.005
123.089	-0.005
123.111	-0.005
123.133	-0.005
123.156	-0.005
123.178	-0.005
123.200	-0.005
123.222	-0.005
123.244	-0.005
123.267	-0.005
123.289	-0.005
123.311	-0.005
123.333	-0.005
123.356	-0.005
123.378	-0.005
123.400	-0.005
123.422	-0.005
123.444	-0.005
123.467	-0.005
123.489	-0.005
123.511	-0.005
123.533	-0.005
123.556	-0.005
123.578	-0.005
123.600	-0.005
123.622	-0.005
123.644	-0.005
123.667	-0.005
123.689	-0.005
123.711	-0.005
123.733	-0.005
123.756	-0.005
123.778	-0.005
123.800	-0.005
123.822	-0.005
123.844	-0.005
123.867	-0.005
123.889	-0.005
123.911	-0.005
123.933	-0.005
123.956	-0.005
123.978	-0.005
124.000	-0.005
124.022	-0.005
124.044	-0.005
124.067	-0.005
124.089	-0.005
124.111	-0.005
124.133	-0.005
124.156	-0.005
124.178	-0.005
124.200	-0.005
124.222	-0.005

124.244	-0.005
124.267	-0.005
124.289	-0.005
124.311	-0.005
124.333	-0.005
124.356	-0.005
124.378	-0.005
124.400	-0.005
124.422	-0.005
124.444	-0.005
124.467	-0.005
124.489	-0.005
124.511	-0.005
124.533	-0.005
124.556	-0.005
124.578	-0.005
124.600	-0.005
124.622	-0.005
124.644	-0.005
124.667	-0.005
124.689	-0.005
124.711	-0.005
124.733	-0.005
124.756	-0.005
124.778	-0.005
124.800	-0.005
124.822	-0.005
124.844	-0.005
124.867	-0.005
124.889	-0.005
124.911	-0.005
124.933	-0.005
124.956	-0.005
124.978	-0.005
125.000	-0.005
125.022	-0.005
125.044	-0.005
125.067	-0.005
125.089	-0.005
125.111	-0.005
125.133	-0.005
125.156	-0.005
125.178	-0.005
125.200	-0.005
125.222	-0.005
125.244	-0.005
125.267	-0.005
125.289	-0.005
125.311	-0.005
125.333	-0.005
125.356	-0.005
125.378	-0.005
125.400	-0.005
125.422	-0.005
125.444	-0.005
125.467	-0.005
125.489	-0.005
125.511	-0.005
125.533	-0.005
125.556	-0.005
125.578	-0.005
125.600	-0.005
125.622	-0.005
125.644	-0.005
125.667	-0.005

125.689	-0.005
125.711	-0.005
125.733	-0.005
125.756	-0.005
125.778	-0.005
125.800	-0.005
125.822	-0.005
125.844	-0.005
125.867	-0.005
125.889	-0.005
125.911	-0.005
125.933	-0.005
125.956	-0.005
125.978	-0.005
126.000	-0.005
126.022	-0.005
126.044	-0.005
126.067	-0.005
126.089	-0.005
126.111	-0.005
126.133	-0.005
126.156	-0.005
126.178	-0.005
126.200	-0.005
126.222	-0.005
126.244	-0.005
126.267	-0.005
126.289	-0.005
126.311	-0.005
126.333	-0.005
126.356	-0.005
126.378	-0.005
126.400	-0.005
126.422	-0.005
126.444	-0.005
126.467	-0.005
126.489	-0.005
126.511	-0.005
126.533	-0.005
126.556	-0.005
126.578	-0.005
126.600	-0.005
126.622	-0.005
126.644	-0.005
126.667	-0.005
126.689	-0.005
126.711	-0.005
126.733	-0.005
126.756	-0.005
126.778	-0.005
126.800	-0.005
126.822	-0.005
126.844	-0.005
126.867	-0.005
126.889	-0.005
126.911	-0.005
126.933	-0.005
126.956	-0.005
126.978	-0.005
127.000	-0.005
127.022	-0.005
127.044	-0.005
127.067	-0.005
127.089	-0.005
127.111	-0.005

127.133	-0.005
127.156	-0.005
127.178	-0.005
127.200	-0.005
127.222	-0.005
127.244	-0.005
127.267	-0.005
127.289	-0.005
127.311	-0.005
127.333	-0.005
127.356	-0.005
127.378	-0.005
127.400	-0.005
127.422	-0.005
127.444	-0.005
127.467	-0.005
127.489	-0.005
127.511	-0.005
127.533	-0.005
127.556	-0.005
127.578	-0.005
127.600	-0.005
127.622	-0.005
127.644	-0.005
127.667	-0.005
127.689	-0.005
127.711	-0.005
127.733	-0.005
127.756	-0.005
127.778	-0.005
127.800	-0.005
127.822	-0.005
127.844	-0.005
127.867	-0.005
127.889	-0.005
127.911	-0.005
127.933	-0.005
127.956	-0.005
127.978	-0.005
128.000	-0.005
128.022	-0.005
128.044	-0.005
128.067	-0.005
128.089	-0.005
128.111	-0.005
128.133	-0.005
128.155	-0.005
128.178	-0.005
128.200	-0.005
128.222	-0.005
128.244	-0.005
128.267	-0.005
128.289	-0.005
128.311	-0.005
128.333	-0.005
128.356	-0.005
128.378	-0.005
128.400	-0.005
128.422	-0.005
128.444	-0.005
128.467	-0.005
128.489	-0.005
128.511	-0.005
128.533	-0.005
128.556	-0.005

128.578	-0.005
128.600	-0.005
128.622	-0.005
128.644	-0.005
128.667	-0.005
128.689	-0.005
128.711	-0.005
128.733	-0.005
128.756	-0.005
128.778	-0.005
128.800	-0.005
128.822	-0.005
128.845	-0.005
128.867	-0.005
128.889	-0.005
128.911	-0.005
128.933	-0.005
128.956	-0.005
128.978	-0.005
129.000	-0.005
129.022	-0.005
129.044	-0.005
129.067	-0.005
129.089	-0.005
129.111	-0.005
129.133	-0.005
129.155	-0.005
129.178	-0.005
129.200	-0.005
129.222	-0.005
129.244	-0.005
129.267	-0.005
129.289	-0.005
129.311	-0.005
129.333	-0.005
129.356	-0.005
129.378	-0.005
129.400	-0.005
129.422	-0.005
129.444	-0.005
129.467	-0.005
129.489	-0.005
129.511	-0.005
129.533	-0.005
129.556	-0.005
129.578	-0.005
129.600	-0.005
129.622	-0.005
129.644	-0.005
129.667	-0.005
129.689	-0.005
129.711	-0.005
129.733	-0.005
129.756	-0.005
129.778	-0.005
129.800	-0.005
129.822	-0.005
129.845	-0.005
129.867	-0.005
129.889	-0.005
129.911	-0.005
129.933	-0.005
129.956	-0.005
129.978	-0.005
130.000	-0.005

130.022	-0.005
130.044	-0.005
130.067	-0.005
130.089	-0.005
130.111	-0.005
130.133	-0.005
130.155	-0.005
130.178	-0.005
130.200	-0.005
130.222	-0.005
130.244	-0.005
130.267	-0.005
130.289	-0.005
130.311	-0.005
130.333	-0.005
130.356	-0.005
130.378	-0.005
130.400	-0.005
130.422	-0.005
130.444	-0.005
130.467	-0.005
130.489	-0.005
130.511	-0.005
130.533	-0.005
130.556	-0.005
130.578	-0.005
130.600	-0.005
130.622	-0.005
130.644	-0.005
130.667	-0.005
130.689	-0.005
130.711	-0.005
130.733	-0.005
130.756	-0.005
130.778	-0.005
130.800	-0.005
130.822	-0.005
130.845	-0.005
130.867	-0.005
130.889	-0.005
130.911	-0.005
130.933	-0.005
130.956	-0.005
130.978	-0.005
131.000	-0.005
131.022	-0.005
131.044	-0.005
131.067	-0.005
131.089	-0.005
131.111	-0.005
131.133	-0.005
131.155	-0.005
131.178	-0.005
131.200	-0.005
131.222	-0.005
131.244	-0.005
131.267	-0.005
131.289	-0.005
131.311	-0.005
131.333	-0.005
131.356	-0.005
131.378	-0.005
131.400	-0.005
131.422	-0.005
131.444	-0.005

131.467	-0.005
131.489	-0.005
131.511	-0.005
131.533	-0.005
131.556	-0.005
131.578	-0.005
131.600	-0.005
131.622	-0.005
131.644	-0.005
131.667	-0.005
131.689	-0.005
131.711	-0.005
131.733	-0.005
131.756	-0.005
131.778	-0.005
131.800	-0.005
131.822	-0.005
131.845	-0.005
131.867	-0.005
131.889	-0.005
131.911	-0.005
131.933	-0.005
131.956	-0.005
131.978	-0.005
132.000	-0.005
132.022	-0.005
132.044	-0.005
132.067	-0.005
132.089	-0.005
132.111	-0.005
132.133	-0.005
132.155	-0.005
132.178	-0.005
132.200	-0.005
132.222	-0.005
132.244	-0.005
132.267	-0.005
132.289	-0.005
132.311	-0.005
132.333	-0.005
132.356	-0.005
132.378	-0.005
132.400	-0.005
132.422	-0.005
132.444	-0.005
132.467	-0.005
132.489	-0.005
132.511	-0.005
132.533	-0.005
132.556	-0.005
132.578	-0.005
132.600	-0.005
132.622	-0.005
132.644	-0.005
132.667	-0.005
132.689	-0.005
132.711	-0.005
132.733	-0.005
132.756	-0.005
132.778	-0.005
132.800	-0.005
132.822	-0.005
132.845	-0.005
132.867	-0.005
132.889	-0.005

132.911	-0.005
132.933	-0.005
132.956	-0.005
132.978	-0.005
133.000	-0.005
133.022	-0.005
133.044	-0.005
133.067	-0.005
133.089	-0.005
133.111	-0.005
133.133	-0.005
133.155	-0.005
133.178	-0.005
133.200	-0.005
133.222	-0.005
133.244	-0.005
133.267	-0.005
133.289	-0.005
133.311	-0.005
133.333	-0.005
133.356	-0.005
133.378	-0.005
133.400	-0.005
133.422	-0.005
133.444	-0.005
133.467	-0.005
133.489	-0.005
133.511	-0.005
133.533	-0.005
133.556	-0.005
133.578	-0.005
133.600	-0.005
133.622	-0.005
133.644	-0.005
133.667	-0.005
133.689	-0.005
133.711	-0.005
133.733	-0.005
133.756	-0.005
133.778	-0.005
133.800	-0.005
133.822	-0.005
133.845	-0.005
133.867	-0.005
133.889	-0.005
133.911	-0.005
133.933	-0.005
133.956	-0.005
133.978	-0.005
134.000	-0.005
134.022	-0.005
134.044	-0.005
134.067	-0.005
134.089	-0.005
134.111	-0.005
134.133	-0.005
134.155	-0.005
134.178	-0.005
134.200	-0.005
134.222	-0.005
134.244	-0.005
134.267	-0.005
134.289	-0.005
134.311	-0.005
134.333	-0.005

134.356	-0.005
134.378	-0.005
134.400	-0.005
134.422	-0.005
134.444	-0.005
134.467	-0.005
134.489	-0.005
134.511	-0.005
134.533	-0.005
134.556	-0.005
134.578	-0.005
134.600	-0.005
134.622	-0.005
134.644	-0.005
134.667	-0.005
134.689	-0.005
134.711	-0.005
134.733	-0.005
134.756	-0.005
134.778	-0.005
134.800	-0.005
134.822	-0.005
134.845	-0.005
134.867	-0.005
134.889	-0.005
134.911	-0.005
134.933	-0.005
134.956	-0.005
134.978	-0.005
135.000	-0.005
135.022	-0.005
135.044	-0.005
135.067	-0.005
135.089	-0.005
135.111	-0.005
135.133	-0.005
135.155	-0.005
135.178	-0.005
135.200	-0.005
135.222	-0.005
135.244	-0.005
135.267	-0.005
135.289	-0.005
135.311	-0.005
135.333	-0.005
135.356	-0.005
135.378	-0.005
135.400	-0.005
135.422	-0.005
135.444	-0.005
135.467	-0.005
135.489	-0.005
135.511	-0.005
135.533	-0.005
135.556	-0.005
135.578	-0.005
135.600	-0.005
135.622	-0.005
135.644	-0.005
135.667	-0.005
135.689	-0.005
135.711	-0.005
135.733	-0.005
135.756	-0.005
135.778	-0.005

135.800	-0.005
135.822	-0.005
135.845	-0.005
135.867	-0.005
135.889	-0.005
135.911	-0.005
135.933	-0.005
135.956	-0.005
135.978	-0.005
136.000	-0.005
136.022	-0.005
136.044	-0.005
136.067	-0.005
136.089	-0.005
136.111	-0.005
136.133	-0.005
136.155	-0.005
136.178	-0.005
136.200	-0.005
136.222	-0.005
136.244	-0.005
136.267	-0.005
136.289	-0.005
136.311	-0.005
136.333	-0.005
136.356	-0.005
136.378	-0.005
136.400	-0.005
136.422	-0.005
136.444	-0.005
136.467	-0.005
136.489	-0.005
136.511	-0.005
136.533	-0.005
136.556	-0.005
136.578	-0.005
136.600	-0.005
136.622	-0.005
136.644	-0.005
136.667	-0.005
136.689	-0.005
136.711	-0.005
136.733	-0.005
136.756	-0.005
136.778	-0.005
136.800	-0.005
136.822	-0.005
136.845	-0.005
136.867	-0.005
136.889	-0.005
136.911	-0.005
136.933	-0.005
136.956	-0.005
136.978	-0.005
137.000	-0.005
137.022	-0.005
137.044	-0.005
137.067	-0.005
137.089	-0.005
137.111	-0.005
137.133	-0.005
137.155	-0.005
137.178	-0.005
137.200	-0.005
137.222	-0.005

137.244	-0.005
137.267	-0.005
137.289	-0.005
137.311	-0.005
137.333	-0.005
137.356	-0.005
137.378	-0.005
137.400	-0.005
137.422	-0.005
137.444	-0.005
137.467	-0.005
137.489	-0.005
137.511	-0.005
137.533	-0.005
137.556	-0.005
137.578	-0.005
137.600	-0.005
137.622	-0.005
137.644	-0.005
137.667	-0.005
137.689	-0.005
137.711	-0.005
137.733	-0.005
137.756	-0.005
137.778	-0.005
137.800	-0.005
137.822	-0.005
137.845	-0.005
137.867	-0.005
137.889	-0.005
137.911	-0.005
137.933	-0.005
137.956	-0.005
137.978	-0.005
138.000	-0.005
138.022	-0.005
138.044	-0.005
138.067	-0.005
138.089	-0.005
138.111	-0.005
138.133	-0.005
138.155	-0.005
138.178	-0.005
138.200	-0.005
138.222	-0.005
138.244	-0.005
138.267	-0.005
138.289	-0.005
138.311	-0.005
138.333	-0.005
138.356	-0.005
138.378	-0.005
138.400	-0.005
138.422	-0.005
138.444	-0.005
138.467	-0.005
138.489	-0.005
138.511	-0.005
138.533	-0.005
138.556	-0.005
138.578	-0.005
138.600	-0.005
138.622	-0.005
138.644	-0.005
138.667	-0.005

138.689	-0.005
138.711	-0.005
138.733	-0.005
138.756	-0.005
138.778	-0.005
138.800	-0.005
138.822	-0.005
138.845	-0.005
138.867	-0.005
138.889	-0.005
138.911	-0.005
138.933	-0.005
138.956	-0.005
138.978	-0.005
139.000	-0.005
139.022	-0.005
139.044	-0.005
139.067	-0.005
139.089	-0.005
139.111	-0.005
139.133	-0.005
139.155	-0.005
139.178	-0.005
139.200	-0.005
139.222	-0.005
139.244	-0.005
139.267	-0.005
139.289	-0.005
139.311	-0.005
139.333	-0.005
139.356	-0.005
139.378	-0.005
139.400	-0.005
139.422	-0.005
139.444	-0.005
139.467	-0.005
139.489	-0.005
139.511	-0.005
139.533	-0.005
139.556	-0.005
139.578	-0.005
139.600	-0.005
139.622	-0.005
139.644	-0.005
139.667	-0.005
139.689	-0.005
139.711	-0.005
139.733	-0.005
139.756	-0.005
139.778	-0.005
139.800	-0.005
139.822	-0.005
139.845	-0.005
139.867	-0.005
139.889	-0.005
139.911	-0.005
139.933	-0.005
139.956	-0.005
139.978	-0.005
140.000	-0.005
140.022	-0.005
140.044	-0.005
140.067	-0.005
140.089	-0.005
140.111	-0.005

140.133	-0.005
140.155	-0.005
140.178	-0.005
140.200	-0.005
140.222	-0.005
140.244	-0.005
140.267	-0.005
140.289	-0.005
140.311	-0.005
140.333	-0.005
140.356	-0.005
140.378	-0.005
140.400	-0.005
140.422	-0.005
140.444	-0.005
140.467	-0.005
140.489	-0.005
140.511	-0.005
140.533	-0.005
140.556	-0.005
140.578	-0.005
140.600	-0.005
140.622	-0.005
140.644	-0.005
140.667	-0.005
140.689	-0.005
140.711	-0.005
140.733	-0.005
140.756	-0.005
140.778	-0.005
140.800	-0.005
140.822	-0.005
140.845	-0.005
140.867	-0.005
140.889	-0.005
140.911	-0.005
140.933	-0.005
140.956	-0.005
140.978	-0.005
141.000	-0.005
141.022	-0.005
141.044	-0.005
141.067	-0.005
141.089	-0.005
141.111	-0.005
141.133	-0.005
141.155	-0.005
141.178	-0.005
141.200	-0.005
141.222	-0.005
141.244	-0.005
141.267	-0.005
141.289	-0.005
141.311	-0.005
141.333	-0.005
141.356	-0.005
141.378	-0.005
141.400	-0.005
141.422	-0.005
141.444	-0.005
141.467	-0.005
141.489	-0.005
141.511	-0.005
141.533	-0.005
141.556	-0.005

141.578	-0.005
141.600	-0.005
141.622	-0.005
141.644	-0.005
141.667	-0.005
141.689	-0.005
141.711	-0.005
141.733	-0.005
141.756	-0.005
141.778	-0.005
141.800	-0.005
141.822	-0.005
141.845	-0.005
141.867	-0.005
141.889	-0.005
141.911	-0.005
141.933	-0.005
141.956	-0.005
141.978	-0.005
142.000	-0.005
142.022	-0.005
142.044	-0.005
142.067	-0.005
142.089	-0.005
142.111	-0.005
142.133	-0.005
142.155	-0.005
142.178	-0.005
142.200	-0.005
142.222	-0.005
142.244	-0.005
142.267	-0.005
142.289	-0.005
142.311	-0.005
142.333	-0.005
142.356	-0.005
142.378	-0.005
142.400	-0.005
142.422	-0.005
142.444	-0.005
142.467	-0.005
142.489	-0.005
142.511	-0.005
142.533	-0.005
142.556	-0.005
142.578	-0.005
142.600	-0.005
142.622	-0.005
142.644	-0.005
142.667	-0.005
142.689	-0.005
142.711	-0.005
142.733	-0.005
142.756	-0.005
142.778	-0.005
142.800	-0.005
142.822	-0.005
142.845	-0.005
142.867	-0.005
142.889	-0.005
142.911	-0.005
142.933	-0.005
142.956	-0.005
142.978	-0.005
143.000	-0.005

143.022	-0.005
143.044	-0.005
143.067	-0.005
143.089	-0.005
143.111	-0.005
143.133	-0.005
143.155	-0.005
143.178	-0.005
143.200	-0.005
143.222	-0.005
143.244	-0.005
143.267	-0.005
143.289	-0.005
143.311	-0.005
143.333	-0.005
143.356	-0.005
143.378	-0.005
143.400	-0.005
143.422	-0.005
143.444	-0.005
143.467	-0.005
143.489	-0.005
143.511	-0.005
143.533	-0.005
143.556	-0.005
143.578	-0.005
143.600	-0.005
143.622	-0.005
143.644	-0.005
143.667	-0.005
143.689	-0.005
143.711	-0.005
143.733	-0.005
143.756	-0.005
143.778	-0.005
143.800	-0.005
143.822	-0.005
143.845	-0.005
143.867	-0.005
143.889	-0.005
143.911	-0.005
143.933	-0.005
143.956	-0.005
143.978	-0.005
144.000	-0.005
144.022	-0.005
144.044	-0.005
144.067	-0.005
144.089	-0.005
144.111	-0.005
144.133	-0.005
144.155	-0.005
144.178	-0.005
144.200	-0.005
144.222	-0.005
144.244	-0.005
144.267	-0.005
144.289	-0.005
144.311	-0.005
144.333	-0.005
144.356	-0.005
144.378	-0.005
144.400	-0.005
144.422	-0.005
144.444	-0.005

144.467	-0.005
144.489	-0.005
144.511	-0.005
144.533	-0.005
144.556	-0.005
144.578	-0.005
144.600	-0.005
144.622	-0.005
144.644	-0.005
144.667	-0.005
144.689	-0.005
144.711	-0.005
144.733	-0.005
144.756	-0.005
144.778	-0.005
144.800	-0.005
144.822	-0.005
144.845	-0.005
144.867	-0.005
144.889	-0.005
144.911	-0.005
144.933	-0.005
144.956	-0.005
144.978	-0.005
145.000	-0.005
145.022	-0.005
145.044	-0.005
145.067	-0.005
145.089	-0.005
145.111	-0.005
145.133	-0.005
145.155	-0.005
145.178	-0.005
145.200	-0.005
145.222	-0.005
145.244	-0.005
145.267	-0.005
145.289	-0.005
145.311	-0.005
145.333	-0.005
145.356	-0.005
145.378	-0.005
145.400	-0.005
145.422	-0.005
145.444	-0.005
145.467	-0.005
145.489	-0.005
145.511	-0.005
145.533	-0.005
145.556	-0.005
145.578	-0.005
145.600	-0.005
145.622	-0.005
145.644	-0.005
145.667	-0.005
145.689	-0.005
145.711	-0.005
145.733	-0.005
145.756	-0.005
145.778	-0.005
145.800	-0.005
145.822	-0.005
145.845	-0.005
145.867	-0.005
145.889	-0.005

145.911	-0.005
145.933	-0.005
145.956	-0.005
145.978	-0.005
146.000	-0.005
146.022	-0.005
146.044	-0.005
146.067	-0.005
146.089	-0.005
146.111	-0.005
146.133	-0.005
146.155	-0.005
146.178	-0.005
146.200	-0.005
146.222	-0.005
146.244	-0.005
146.267	-0.005
146.289	-0.005
146.311	-0.005
146.333	-0.005
146.356	-0.005
146.378	-0.005
146.400	-0.005
146.422	-0.005
146.444	-0.005
146.467	-0.005
146.489	-0.005
146.511	-0.005
146.533	-0.005
146.556	-0.005
146.578	-0.005
146.600	-0.005
146.622	-0.005
146.644	-0.005
146.667	-0.005
146.689	-0.005
146.711	-0.005
146.733	-0.005
146.756	-0.005
146.778	-0.005
146.800	-0.005
146.822	-0.005
146.845	-0.005
146.867	-0.005
146.889	-0.005
146.911	-0.005
146.933	-0.005
146.956	-0.005
146.978	-0.005
147.000	-0.005
147.022	-0.005
147.044	-0.005
147.067	-0.005
147.089	-0.005
147.111	-0.005
147.133	-0.005
147.155	-0.005
147.178	-0.005
147.200	-0.005
147.222	-0.005
147.244	-0.005
147.267	-0.005
147.289	-0.005
147.311	-0.005
147.333	-0.005

147.356	-0.005
147.378	-0.005
147.400	-0.005
147.422	-0.005
147.444	-0.005
147.467	-0.005
147.489	-0.005
147.511	-0.005
147.533	-0.005
147.556	-0.005
147.578	-0.005
147.600	-0.005
147.622	-0.005
147.644	-0.005
147.667	-0.005
147.689	-0.005
147.711	-0.005
147.733	-0.005
147.756	-0.005
147.778	-0.005
147.800	-0.005
147.822	-0.005
147.845	-0.005
147.867	-0.005
147.889	-0.005
147.911	-0.005
147.933	-0.005
147.956	-0.005
147.978	-0.005
148.000	-0.005
148.022	-0.005
148.044	-0.005
148.067	-0.005
148.089	-0.005
148.111	-0.005
148.133	-0.005
148.155	-0.005
148.178	-0.005
148.200	-0.005
148.222	-0.005
148.244	-0.005
148.267	-0.005
148.289	-0.005
148.311	-0.005
148.333	-0.005
148.356	-0.005
148.378	-0.005
148.400	-0.005
148.422	-0.005
148.444	-0.005
148.467	-0.005
148.489	-0.005
148.511	-0.005
148.533	-0.005
148.556	-0.005
148.578	-0.005
148.600	-0.005
148.622	-0.005
148.644	-0.005
148.667	-0.005
148.689	-0.005
148.711	-0.005
148.733	-0.005
148.756	-0.005
148.778	-0.005

148.800	-0.005
148.822	-0.005
148.845	-0.005
148.867	-0.005
148.889	-0.005
148.911	-0.005
148.933	-0.005
148.956	-0.005
148.978	-0.005
149.000	-0.005
149.022	-0.005
149.044	-0.005
149.067	-0.005
149.089	-0.005
149.111	-0.005
149.133	-0.005
149.155	-0.005
149.178	-0.005
149.200	-0.005
149.222	-0.005
149.244	-0.005
149.267	-0.005
149.289	-0.005
149.311	-0.005
149.333	-0.005
149.356	-0.005
149.378	-0.005
149.400	-0.005
149.422	-0.005
149.444	-0.005
149.467	-0.005
149.489	-0.005
149.511	-0.005
149.533	-0.005
149.556	-0.005
149.578	-0.005
149.600	-0.005
149.622	-0.005
149.644	-0.005
149.667	-0.005
149.689	-0.005
149.711	-0.005
149.733	-0.005
149.756	-0.005
149.778	-0.005
149.800	-0.005
149.822	-0.005
149.845	-0.005
149.867	-0.005
149.889	-0.005
149.911	-0.005
149.933	-0.005
149.956	-0.005
149.978	-0.005
150.000	-0.005
150.022	-0.005
150.044	-0.005
150.067	-0.005
150.089	-0.005
150.111	-0.005
150.133	-0.005
150.155	-0.005
150.178	-0.005
150.200	-0.005
150.222	-0.005

150.244	-0.005
150.267	-0.005
150.289	-0.005
150.311	-0.005
150.333	-0.005
150.356	-0.005
150.378	-0.005
150.400	-0.005
150.422	-0.005
150.444	-0.005
150.467	-0.005
150.489	-0.004
150.511	-0.004
150.533	-0.004
150.556	-0.004
150.578	-0.004
150.600	-0.004
150.622	-0.004
150.644	-0.004
150.667	-0.004
150.689	-0.004
150.711	-0.004
150.733	-0.004
150.756	-0.004
150.778	-0.004
150.800	-0.004
150.822	-0.004
150.845	-0.004
150.867	-0.004
150.889	-0.004
150.911	-0.004
150.933	-0.004
150.956	-0.004
150.978	-0.004
151.000	-0.004
151.022	-0.004
151.044	-0.004
151.067	-0.004
151.089	-0.004
151.111	-0.004
151.133	-0.004
151.155	-0.004
151.178	-0.004
151.200	-0.004
151.222	-0.004
151.244	-0.004
151.267	-0.004
151.289	-0.004
151.311	-0.004
151.333	-0.004
151.356	-0.004
151.378	-0.004
151.400	-0.004
151.422	-0.004
151.444	-0.004
151.467	-0.004
151.489	-0.004
151.511	-0.004
151.533	-0.004
151.556	-0.004
151.578	-0.004
151.600	-0.004
151.622	-0.004
151.644	-0.004
151.667	-0.004

151.689	-0.004
151.711	-0.004
151.733	-0.004
151.756	-0.004
151.778	-0.004
151.800	-0.004
151.822	-0.004
151.845	-0.004
151.867	-0.004
151.889	-0.004
151.911	-0.004
151.933	-0.004
151.956	-0.004
151.978	-0.004
152.000	-0.004
152.022	-0.005
152.044	-0.005
152.067	-0.005
152.089	-0.005
152.111	-0.005
152.133	-0.006
152.155	-0.006
152.178	-0.006
152.200	-0.006
152.222	-0.006
152.244	-0.007
152.267	-0.007
152.289	-0.007
152.311	-0.007
152.333	-0.007
152.356	-0.007
152.378	-0.007
152.400	-0.007
152.422	-0.007
152.444	-0.007
152.467	-0.007
152.489	-0.007
152.511	-0.007
152.533	-0.006
152.556	-0.006
152.578	-0.006
152.600	-0.006
152.622	-0.006
152.644	-0.006
152.667	-0.006
152.689	-0.006
152.711	-0.006
152.733	-0.006
152.756	-0.006
152.778	-0.006
152.800	-0.006
152.822	-0.006
152.845	-0.006
152.867	-0.006
152.889	-0.006
152.911	-0.006
152.933	-0.005
152.956	-0.005
152.978	-0.005
153.000	-0.005
153.022	-0.005
153.044	-0.005
153.067	-0.005
153.089	-0.005
153.111	-0.005

153.133	-0.005
153.155	-0.005
153.178	-0.005
153.200	-0.005
153.222	-0.005
153.244	-0.005
153.267	-0.005
153.289	-0.005
153.311	-0.005
153.333	-0.005
153.356	-0.005
153.378	-0.005
153.400	-0.005
153.422	-0.005
153.444	-0.005
153.467	-0.005
153.489	-0.005
153.511	-0.005
153.533	-0.005
153.556	-0.005
153.578	-0.005
153.600	-0.005
153.622	-0.005
153.644	-0.005
153.667	-0.005
153.689	-0.005
153.711	-0.005
153.733	-0.005
153.756	-0.005
153.778	-0.005
153.800	-0.005
153.822	-0.005
153.845	-0.005
153.867	-0.005
153.889	-0.005
153.911	-0.005
153.933	-0.005
153.956	-0.005
153.978	-0.005
154.000	-0.005
154.022	-0.005
154.044	-0.005
154.067	-0.005
154.089	-0.005
154.111	-0.005
154.133	-0.005
154.155	-0.005
154.178	-0.005
154.200	-0.005
154.222	-0.005
154.244	-0.005
154.267	-0.005
154.289	-0.005
154.311	-0.005
154.333	-0.005
154.356	-0.005
154.378	-0.005
154.400	-0.005
154.422	-0.005
154.444	-0.005
154.467	-0.005
154.489	-0.005
154.511	-0.005
154.533	-0.005
154.556	-0.005

154.578	-0.005
154.600	-0.005
154.622	-0.005
154.644	-0.005
154.667	-0.005
154.689	-0.005
154.711	-0.005
154.733	-0.005
154.756	-0.005
154.778	-0.005
154.800	-0.005
154.822	-0.005
154.845	-0.005
154.867	-0.005
154.889	-0.005
154.911	-0.005
154.933	-0.005
154.956	-0.005
154.978	-0.005
155.000	-0.005
155.022	-0.005
155.044	-0.005
155.067	-0.005
155.089	-0.005
155.111	-0.005
155.133	-0.005
155.155	-0.005
155.178	-0.005
155.200	-0.005
155.222	-0.005
155.244	-0.005
155.267	-0.005
155.289	-0.005
155.311	-0.005
155.333	-0.005
155.356	-0.005
155.378	-0.005
155.400	-0.005
155.422	-0.005
155.444	-0.005
155.467	-0.005
155.489	-0.005
155.511	-0.005
155.533	-0.005
155.556	-0.005
155.578	-0.005
155.600	-0.005
155.622	-0.005
155.644	-0.005
155.667	-0.005
155.689	-0.005
155.711	-0.005
155.733	-0.005
155.756	-0.005
155.778	-0.005
155.800	-0.005
155.822	-0.005
155.845	-0.005
155.867	-0.005
155.889	-0.005
155.911	-0.005
155.933	-0.005
155.956	-0.005
155.978	-0.005
156.000	-0.005

156.022	-0.005
156.044	-0.005
156.067	-0.005
156.089	-0.005
156.111	-0.005
156.133	-0.005
156.155	-0.005
156.178	-0.005
156.200	-0.005
156.222	-0.005
156.244	-0.005
156.267	-0.005
156.289	-0.005
156.311	-0.005
156.333	-0.005
156.356	-0.005
156.378	-0.005
156.400	-0.005
156.422	-0.005
156.444	-0.005
156.467	-0.005
156.489	-0.005
156.511	-0.005
156.533	-0.005
156.556	-0.005
156.578	-0.005
156.600	-0.005
156.622	-0.005
156.644	-0.005
156.667	-0.005
156.689	-0.005
156.711	-0.005
156.733	-0.005
156.756	-0.005
156.778	-0.005
156.800	-0.005
156.822	-0.005
156.845	-0.005
156.867	-0.005
156.889	-0.005
156.911	-0.005
156.933	-0.005
156.956	-0.005
156.978	-0.005
157.000	-0.005
157.022	-0.005
157.044	-0.005
157.067	-0.005
157.089	-0.005
157.111	-0.005
157.133	-0.005
157.155	-0.005
157.178	-0.005
157.200	-0.005
157.222	-0.005
157.244	-0.005
157.267	-0.005
157.289	-0.005
157.311	-0.005
157.333	-0.005
157.356	-0.005
157.378	-0.005
157.400	-0.005
157.422	-0.005
157.444	-0.005

157.467	-0.005
157.489	-0.005
157.511	-0.005
157.533	-0.005
157.556	-0.005
157.578	-0.005
157.600	-0.005
157.622	-0.005
157.644	-0.005
157.667	-0.005
157.689	-0.005
157.711	-0.005
157.733	-0.005
157.756	-0.005
157.778	-0.005
157.800	-0.005
157.822	-0.005
157.845	-0.005
157.867	-0.005
157.889	-0.005
157.911	-0.005
157.933	-0.005
157.956	-0.005
157.978	-0.005
158.000	-0.005
158.022	-0.005
158.044	-0.005
158.067	-0.005
158.089	-0.005
158.111	-0.005
158.133	-0.005
158.155	-0.005
158.178	-0.005
158.200	-0.005
158.222	-0.005
158.244	-0.005
158.267	-0.005
158.289	-0.005
158.311	-0.005
158.333	-0.005
158.356	-0.005
158.378	-0.005
158.400	-0.005
158.422	-0.005
158.444	-0.005
158.467	-0.005
158.489	-0.005
158.511	-0.005
158.533	-0.005
158.556	-0.005
158.578	-0.005
158.600	-0.005
158.622	-0.005
158.644	-0.005
158.667	-0.005
158.689	-0.005
158.711	-0.005
158.733	-0.005
158.756	-0.005
158.778	-0.005
158.800	-0.005
158.822	-0.005
158.845	-0.005
158.867	-0.005
158.889	-0.005

158.911	-0.005
158.933	-0.005
158.956	-0.005
158.978	-0.005
159.000	-0.005
159.022	-0.005
159.044	-0.005
159.067	-0.005
159.089	-0.005
159.111	-0.005
159.133	-0.005
159.155	-0.005
159.178	-0.005
159.200	-0.005
159.222	-0.005
159.244	-0.005
159.267	-0.005
159.289	-0.005
159.311	-0.005
159.333	-0.005
159.356	-0.005
159.378	-0.005
159.400	-0.005
159.422	-0.005
159.444	-0.005
159.467	-0.005
159.489	-0.005
159.511	-0.005
159.533	-0.005
159.556	-0.005
159.578	-0.005
159.600	-0.005
159.622	-0.005
159.644	-0.005
159.667	-0.005
159.689	-0.005
159.711	-0.005
159.733	-0.005
159.756	-0.005
159.778	-0.005
159.800	-0.005
159.822	-0.005
159.845	-0.005
159.867	-0.005
159.889	-0.005
159.911	-0.005
159.933	-0.005
159.956	-0.005
159.978	-0.005
160.000	-0.005
160.022	-0.005
160.044	-0.004
160.067	-0.004
160.089	-0.004
160.111	-0.003
160.133	-0.003
160.155	-0.003
160.178	-0.002
160.200	-0.002
160.222	-0.002
160.244	-0.002
160.267	-0.002
160.289	-0.002
160.311	-0.002
160.333	-0.002

160.356	-0.002
160.378	-0.002
160.400	-0.002
160.422	-0.002
160.444	-0.002
160.467	-0.003
160.489	-0.003
160.511	-0.003
160.533	-0.003
160.556	-0.003
160.578	-0.003
160.600	-0.003
160.622	-0.003
160.644	-0.003
160.667	-0.003
160.689	-0.003
160.711	-0.003
160.733	-0.003
160.756	-0.003
160.778	-0.003
160.800	-0.003
160.822	-0.003
160.845	-0.003
160.867	-0.003
160.889	-0.003
160.911	-0.003
160.933	-0.003
160.956	-0.003
160.978	-0.003
161.000	-0.003
161.022	-0.003
161.044	-0.003
161.067	-0.004
161.089	-0.004
161.111	-0.004
161.133	-0.004
161.155	-0.004
161.178	-0.004
161.200	-0.004
161.222	-0.004
161.244	-0.004
161.267	-0.004
161.289	-0.004
161.311	-0.004
161.333	-0.004
161.356	-0.004
161.378	-0.004
161.400	-0.004
161.422	-0.004
161.444	-0.004
161.467	-0.004
161.489	-0.004
161.511	-0.004
161.533	-0.004
161.556	-0.004
161.578	-0.004
161.600	-0.004
161.622	-0.004
161.644	-0.004
161.667	-0.004
161.689	-0.004
161.711	-0.004
161.733	-0.004
161.756	-0.004
161.778	-0.004

161.800	-0.004
161.822	-0.004
161.845	-0.004
161.867	-0.004
161.889	-0.004
161.911	-0.004
161.933	-0.004
161.956	-0.004
161.978	-0.004
162.000	-0.004
162.022	-0.004
162.044	-0.004
162.067	-0.004
162.089	-0.004
162.111	-0.004
162.133	-0.004
162.155	-0.004
162.178	-0.004
162.200	-0.004
162.222	-0.004
162.244	-0.004
162.267	-0.004
162.289	-0.004
162.311	-0.004
162.333	-0.004
162.356	-0.004
162.378	-0.004
162.400	-0.004
162.422	-0.004
162.444	-0.004
162.467	-0.004
162.489	-0.004
162.511	-0.004
162.533	-0.004
162.556	-0.004
162.578	-0.004
162.600	-0.004
162.622	-0.004
162.644	-0.004
162.667	-0.004
162.689	-0.004
162.711	-0.004
162.733	-0.004
162.756	-0.004
162.778	-0.004
162.800	-0.004
162.822	-0.004
162.845	-0.004
162.867	-0.004
162.889	-0.004
162.911	-0.004
162.933	-0.004
162.956	-0.004
162.978	-0.004
163.000	-0.004
163.022	-0.004
163.044	-0.004
163.067	-0.004
163.089	-0.004
163.111	-0.004
163.133	-0.004
163.155	-0.004
163.178	-0.004
163.200	-0.004
163.222	-0.004

163.244	-0.004
163.267	-0.004
163.289	-0.004
163.311	-0.004
163.333	-0.004
163.356	-0.004
163.378	-0.004
163.400	-0.004
163.422	-0.004
163.444	-0.004
163.467	-0.004
163.489	-0.004
163.511	-0.004
163.533	-0.004
163.556	-0.004
163.578	-0.004
163.600	-0.004
163.622	-0.004
163.644	-0.004
163.667	-0.004
163.689	-0.004
163.711	-0.004
163.733	-0.004
163.756	-0.004
163.778	-0.004
163.800	-0.004
163.822	-0.004
163.845	-0.004
163.867	-0.004
163.889	-0.004
163.911	-0.004
163.933	-0.004
163.956	-0.004
163.978	-0.004
164.000	-0.004
164.022	-0.004
164.044	-0.004
164.067	-0.004
164.089	-0.004
164.111	-0.004
164.133	-0.004
164.155	-0.004
164.178	-0.004
164.200	-0.004
164.222	-0.004
164.244	-0.004
164.267	-0.004
164.289	-0.004
164.311	-0.004
164.333	-0.004
164.356	-0.004
164.378	-0.004
164.400	-0.004
164.422	-0.004
164.444	-0.004
164.467	-0.004
164.489	-0.004
164.511	-0.004
164.533	-0.004
164.556	-0.004
164.578	-0.004
164.600	-0.004
164.622	-0.004
164.644	-0.004
164.667	-0.004

164.689	-0.004
164.711	-0.004
164.733	-0.004
164.756	-0.004
164.778	-0.004
164.800	-0.004
164.822	-0.004
164.845	-0.004
164.867	-0.004
164.889	-0.004
164.911	-0.004
164.933	-0.004
164.956	-0.004
164.978	-0.004
165.000	-0.004
165.022	-0.004
165.044	-0.004
165.067	-0.004
165.089	-0.004
165.111	-0.004
165.133	-0.004
165.155	-0.004
165.178	-0.004
165.200	-0.004
165.222	-0.004
165.244	-0.004
165.267	-0.004
165.289	-0.004
165.311	-0.004
165.333	-0.004
165.356	-0.004
165.378	-0.004
165.400	-0.004
165.422	-0.004
165.444	-0.004
165.467	-0.004
165.489	-0.004
165.511	-0.004
165.533	-0.004
165.556	-0.004
165.578	-0.004
165.600	-0.004
165.622	-0.004
165.644	-0.004
165.667	-0.004
165.689	-0.004
165.711	-0.004
165.733	-0.004
165.756	-0.004
165.778	-0.004
165.800	-0.004
165.822	-0.004
165.845	-0.004
165.867	-0.004
165.889	-0.004
165.911	-0.004
165.933	-0.004
165.956	-0.004
165.978	-0.004
166.000	-0.004
166.022	-0.004
166.044	-0.004
166.067	-0.004
166.089	-0.004
166.111	-0.004

166.133	-0.004
166.155	-0.004
166.178	-0.004
166.200	-0.004
166.222	-0.004
166.244	-0.004
166.267	-0.004
166.289	-0.004
166.311	-0.004
166.333	-0.004
166.356	-0.004
166.378	-0.004
166.400	-0.004
166.422	-0.004
166.444	-0.004
166.467	-0.004
166.489	-0.004
166.511	-0.004
166.533	-0.004
166.556	-0.004
166.578	-0.004
166.600	-0.004
166.622	-0.004
166.644	-0.004
166.667	-0.004
166.689	-0.004
166.711	-0.004
166.733	-0.004
166.756	-0.004
166.778	-0.004
166.800	-0.004
166.822	-0.004
166.845	-0.004
166.867	-0.004
166.889	-0.004
166.911	-0.004
166.933	-0.004
166.956	-0.004
166.978	-0.004
167.000	-0.004
167.022	-0.004
167.044	-0.004
167.067	-0.004
167.089	-0.004
167.111	-0.004
167.133	-0.004
167.155	-0.004
167.178	-0.004
167.200	-0.004
167.222	-0.004
167.244	-0.004
167.267	-0.004
167.289	-0.004
167.311	-0.004
167.333	-0.004
167.356	-0.004
167.378	-0.004
167.400	-0.004
167.422	-0.004
167.444	-0.004
167.467	-0.004
167.489	-0.004
167.511	-0.004
167.533	-0.004
167.556	-0.004

167.578	-0.004
167.600	-0.004
167.622	-0.004
167.644	-0.004
167.667	-0.004
167.689	-0.004
167.711	-0.004
167.733	-0.004
167.756	-0.004
167.778	-0.004
167.800	-0.004
167.822	-0.004
167.845	-0.004
167.867	-0.004
167.889	-0.004
167.911	-0.004
167.933	-0.004
167.956	-0.004
167.978	-0.004
168.000	-0.004
168.022	-0.004
168.044	-0.004
168.067	-0.004
168.089	-0.004
168.111	-0.004
168.133	-0.004
168.155	-0.004
168.178	-0.004
168.200	-0.004
168.222	-0.004
168.244	-0.004
168.267	-0.004
168.289	-0.004
168.311	-0.004
168.333	-0.004
168.356	-0.004
168.378	-0.004
168.400	-0.004
168.422	-0.004
168.444	-0.004
168.467	-0.004
168.489	-0.004
168.511	-0.004
168.533	-0.004
168.556	-0.004
168.578	-0.004
168.600	-0.004
168.622	-0.004
168.644	-0.004
168.667	-0.004
168.689	-0.004
168.711	-0.004
168.733	-0.004
168.756	-0.004
168.778	-0.004
168.800	-0.004
168.822	-0.004
168.845	-0.004
168.867	-0.004
168.889	-0.004
168.911	-0.004
288.911	-0.001
408.911	-0.001
504.911	-0.000
528.911	-0.000

648.911	-0.000
768.911	-0.000
888.911	0.000

Name: Hyd-10d Node: Node312 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000

1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
2.422	0.000
2.444	0.000
2.467	0.000
2.489	0.000
2.511	0.000
2.533	0.000
2.556	0.000
2.578	0.000
2.600	0.000
2.622	0.000
2.644	0.000
2.667	0.000

2.689	0.000
2.711	0.000
2.733	0.000
2.756	0.000
2.778	0.000
2.800	0.000
2.822	0.000
2.844	0.000
2.867	0.000
2.889	0.000
2.911	0.000
2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
3.067	0.000
3.089	0.000
3.111	0.000
3.133	0.000
3.156	0.000
3.178	0.000
3.200	0.000
3.222	0.000
3.244	0.000
3.267	0.000
3.289	0.000
3.311	0.000
3.333	0.000
3.356	0.000
3.378	0.000
3.400	0.000
3.422	0.000
3.444	0.000
3.467	0.000
3.489	0.000
3.511	0.000
3.533	0.000
3.556	0.000
3.578	0.000
3.600	0.000
3.622	0.000
3.644	0.000
3.667	0.000
3.689	0.000
3.711	0.000
3.733	0.000
3.756	0.000
3.778	0.000
3.800	0.000
3.822	0.000
3.844	0.000
3.867	0.000
3.889	0.000
3.911	0.000
3.933	0.000
3.956	0.000
3.978	0.000
4.000	0.000
4.022	0.000
4.044	0.000
4.067	0.000
4.089	0.000
4.111	0.000

4.133	0.000
4.156	0.000
4.178	0.000
4.200	0.000
4.222	0.000
4.244	0.000
4.267	0.000
4.289	0.000
4.311	0.000
4.333	0.000
4.356	0.000
4.378	0.000
4.400	0.000
4.422	0.000
4.444	0.000
4.467	0.000
4.489	0.000
4.511	0.000
4.533	0.000
4.556	0.000
4.578	0.000
4.600	0.000
4.622	0.000
4.644	0.000
4.667	0.000
4.689	0.000
4.711	0.000
4.733	0.000
4.756	0.000
4.778	0.000
4.800	0.000
4.822	0.000
4.844	0.000
4.867	0.000
4.889	0.000
4.911	0.000
4.933	0.000
4.956	0.000
4.978	0.000
5.000	0.000
5.022	0.000
5.044	0.000
5.067	0.000
5.089	0.000
5.111	0.000
5.133	0.000
5.156	0.000
5.178	0.000
5.200	0.000
5.222	0.000
5.244	0.000
5.267	0.000
5.289	0.000
5.311	0.000
5.333	0.000
5.356	0.000
5.378	0.000
5.400	0.000
5.422	0.000
5.444	0.000
5.467	0.000
5.489	0.000
5.511	0.000
5.533	0.000
5.556	0.000

5.578	0.000
5.600	0.000
5.622	0.000
5.644	0.000
5.667	0.000
5.689	0.000
5.711	0.000
5.733	0.000
5.756	0.000
5.778	0.000
5.800	0.000
5.822	0.000
5.844	0.000
5.867	0.000
5.889	0.000
5.911	0.000
5.933	0.000
5.956	0.000
5.978	0.000
6.000	0.000
6.022	0.000
6.044	0.000
6.067	0.000
6.089	0.000
6.111	0.000
6.133	0.000
6.156	0.000
6.178	0.000
6.200	0.000
6.222	0.000
6.244	0.000
6.267	0.000
6.289	0.000
6.311	0.000
6.333	0.000
6.356	0.000
6.378	0.000
6.400	0.000
6.422	0.000
6.444	0.000
6.467	0.000
6.489	0.000
6.511	0.000
6.533	0.000
6.556	0.000
6.578	0.000
6.600	0.000
6.622	0.000
6.644	0.000
6.667	0.000
6.689	0.000
6.711	0.000
6.733	0.000
6.756	0.000
6.778	0.000
6.800	0.000
6.822	0.000
6.844	0.000
6.867	0.000
6.889	0.000
6.911	0.000
6.933	0.000
6.956	0.000
6.978	0.000
7.000	0.000

7.022	0.000
7.044	0.000
7.067	0.000
7.089	0.000
7.111	0.000
7.133	0.000
7.156	0.000
7.178	0.000
7.200	0.000
7.222	0.000
7.244	0.000
7.267	0.000
7.289	0.000
7.311	0.000
7.333	0.000
7.356	0.000
7.378	0.000
7.400	0.000
7.422	0.000
7.444	0.000
7.467	0.000
7.489	0.000
7.511	0.000
7.533	0.000
7.556	0.000
7.578	0.000
7.600	0.000
7.622	0.000
7.644	0.000
7.667	0.000
7.689	0.000
7.711	0.000
7.733	-0.000
7.756	-0.000
7.778	-0.000
7.800	-0.000
7.822	-0.000
7.844	-0.000
7.867	-0.000
7.889	-0.000
7.911	-0.000
7.933	-0.000
7.956	-0.000
7.978	-0.000
8.000	-0.000
8.022	-0.000
8.044	-0.000
8.067	-0.000
8.089	-0.000
8.111	-0.000
8.133	-0.000
8.156	-0.000
8.178	-0.000
8.200	-0.000
8.222	-0.000
8.244	-0.000
8.267	-0.000
8.289	-0.000
8.311	-0.000
8.333	-0.000
8.356	-0.000
8.378	-0.000
8.400	-0.000
8.422	-0.000
8.444	-0.000

8.467	-0.000
8.489	-0.000
8.511	-0.001
8.533	-0.001
8.556	-0.001
8.578	-0.001
8.600	-0.001
8.622	-0.001
8.644	-0.001
8.667	-0.001
8.689	-0.001
8.711	-0.001
8.733	-0.001
8.756	-0.001
8.778	-0.001
8.800	-0.001
8.822	-0.001
8.844	-0.001
8.867	-0.001
8.889	-0.001
8.911	-0.001
8.933	-0.001
8.956	-0.001
8.978	-0.001
9.000	-0.001
9.022	-0.001
9.044	-0.001
9.067	-0.001
9.089	-0.001
9.111	-0.001
9.133	-0.001
9.156	-0.001
9.178	-0.001
9.200	-0.001
9.222	-0.001
9.244	-0.001
9.267	-0.001
9.289	-0.001
9.311	-0.001
9.333	-0.001
9.356	-0.001
9.378	-0.001
9.400	-0.001
9.422	-0.001
9.444	-0.001
9.467	-0.001
9.489	-0.001
9.511	-0.001
9.533	-0.001
9.556	-0.001
9.578	-0.001
9.600	-0.001
9.622	-0.001
9.644	-0.001
9.667	-0.001
9.689	-0.001
9.711	-0.001
9.733	-0.001
9.756	-0.001
9.778	-0.001
9.800	-0.002
9.822	-0.002
9.844	-0.002
9.867	-0.002
9.889	-0.002

9.911	-0.002
9.933	-0.002
9.956	-0.002
9.978	-0.002
10.000	-0.002
10.022	-0.002
10.044	-0.002
10.067	-0.002
10.089	-0.002
10.111	-0.002
10.133	-0.002
10.156	-0.002
10.178	-0.002
10.200	-0.002
10.222	-0.002
10.244	-0.002
10.267	-0.002
10.289	-0.002
10.311	-0.002
10.333	-0.002
10.356	-0.002
10.378	-0.002
10.400	-0.002
10.422	-0.002
10.444	-0.002
10.467	-0.002
10.489	-0.002
10.511	-0.002
10.533	-0.002
10.556	-0.002
10.578	-0.002
10.600	-0.002
10.622	-0.002
10.644	-0.002
10.667	-0.002
10.689	-0.002
10.711	-0.002
10.733	-0.002
10.756	-0.002
10.778	-0.002
10.800	-0.002
10.822	-0.002
10.844	-0.002
10.867	-0.002
10.889	-0.002
10.911	-0.002
10.933	-0.002
10.956	-0.002
10.978	-0.002
11.000	-0.002
11.022	-0.002
11.044	-0.002
11.067	-0.002
11.089	-0.002
11.111	-0.002
11.133	-0.002
11.156	-0.002
11.178	-0.002
11.200	-0.002
11.222	-0.002
11.244	-0.003
11.267	-0.003
11.289	-0.003
11.311	-0.003
11.333	-0.003

11.356	-0.003
11.378	-0.003
11.400	-0.003
11.422	-0.003
11.444	-0.003
11.467	-0.003
11.489	-0.003
11.511	-0.003
11.533	-0.003
11.556	-0.003
11.578	-0.003
11.600	-0.003
11.622	-0.003
11.644	-0.003
11.667	-0.003
11.689	-0.003
11.711	-0.003
11.733	-0.003
11.756	-0.003
11.778	-0.003
11.800	-0.003
11.822	-0.003
11.844	-0.003
11.867	-0.003
11.889	-0.003
11.911	-0.003
11.933	-0.003
11.956	-0.003
11.978	-0.003
12.000	-0.003
12.022	-0.003
12.044	-0.003
12.067	-0.003
12.089	-0.003
12.111	-0.003
12.133	-0.003
12.156	-0.003
12.178	-0.003
12.200	-0.003
12.222	-0.003
12.244	-0.003
12.267	-0.003
12.289	-0.003
12.311	-0.003
12.333	-0.003
12.356	-0.003
12.378	-0.003
12.400	-0.003
12.422	-0.003
12.444	-0.003
12.467	-0.003
12.489	-0.003
12.511	-0.003
12.533	-0.003
12.556	-0.003
12.578	-0.003
12.600	-0.003
12.622	-0.003
12.644	-0.003
12.667	-0.003
12.689	-0.003
12.711	-0.003
12.733	-0.003
12.756	-0.003
12.778	-0.003

12.800	-0.003
12.822	-0.003
12.844	-0.003
12.867	-0.004
12.889	-0.004
12.911	-0.004
12.933	-0.004
12.956	-0.004
12.978	-0.004
13.000	-0.004
13.022	-0.004
13.044	-0.004
13.067	-0.004
13.089	-0.004
13.111	-0.004
13.133	-0.004
13.156	-0.004
13.178	-0.004
13.200	-0.004
13.222	-0.004
13.244	-0.004
13.267	-0.004
13.289	-0.004
13.311	-0.004
13.333	-0.004
13.356	-0.004
13.378	-0.004
13.400	-0.004
13.422	-0.004
13.444	-0.004
13.467	-0.004
13.489	-0.004
13.511	-0.004
13.533	-0.004
13.556	-0.004
13.578	-0.004
13.600	-0.004
13.622	-0.004
13.644	-0.004
13.667	-0.004
13.689	-0.004
13.711	-0.004
13.733	-0.004
13.756	-0.004
13.778	-0.004
13.800	-0.004
13.822	-0.004
13.844	-0.004
13.867	-0.004
13.889	-0.004
13.911	-0.004
13.933	-0.004
13.956	-0.004
13.978	-0.004
14.000	-0.004
14.022	-0.004
14.044	-0.004
14.067	-0.004
14.089	-0.004
14.111	-0.004
14.133	-0.004
14.156	-0.004
14.178	-0.004
14.200	-0.004
14.222	-0.004

14.244	-0.004
14.267	-0.004
14.289	-0.004
14.311	-0.004
14.333	-0.004
14.356	-0.004
14.378	-0.004
14.400	-0.004
14.422	-0.004
14.444	-0.004
14.467	-0.004
14.489	-0.004
14.511	-0.004
14.533	-0.004
14.556	-0.004
14.578	-0.004
14.600	-0.004
14.622	-0.004
14.644	-0.004
14.667	-0.004
14.689	-0.004
14.711	-0.005
14.733	-0.005
14.756	-0.005
14.778	-0.005
14.800	-0.005
14.822	-0.005
14.844	-0.005
14.867	-0.005
14.889	-0.005
14.911	-0.005
14.933	-0.005
14.956	-0.005
14.978	-0.005
15.000	-0.005
15.022	-0.005
15.044	-0.005
15.067	-0.005
15.089	-0.005
15.111	-0.005
15.133	-0.005
15.156	-0.005
15.178	-0.005
15.200	-0.005
15.222	-0.005
15.244	-0.005
15.267	-0.005
15.289	-0.005
15.311	-0.005
15.333	-0.005
15.356	-0.005
15.378	-0.005
15.400	-0.005
15.422	-0.005
15.444	-0.005
15.467	-0.005
15.489	-0.005
15.511	-0.005
15.533	-0.005
15.556	-0.005
15.578	-0.005
15.600	-0.005
15.622	-0.005
15.644	-0.005
15.667	-0.005

15.689	-0.005
15.711	-0.005
15.733	-0.005
15.756	-0.005
15.778	-0.005
15.800	-0.005
15.822	-0.005
15.844	-0.005
15.867	-0.005
15.889	-0.005
15.911	-0.005
15.933	-0.005
15.956	-0.005
15.978	-0.005
16.000	-0.005
16.022	-0.005
16.044	-0.005
16.067	-0.005
16.089	-0.005
16.111	-0.005
16.133	-0.005
16.156	-0.005
16.178	-0.005
16.200	-0.005
16.222	-0.005
16.244	-0.005
16.267	-0.005
16.289	-0.005
16.311	-0.005
16.333	-0.005
16.356	-0.005
16.378	-0.005
16.400	-0.005
16.422	-0.005
16.444	-0.005
16.467	-0.005
16.489	-0.005
16.511	-0.005
16.533	-0.005
16.556	-0.005
16.578	-0.005
16.600	-0.005
16.622	-0.005
16.644	-0.005
16.667	-0.005
16.689	-0.005
16.711	-0.005
16.733	-0.005
16.756	-0.005
16.778	-0.005
16.800	-0.005
16.822	-0.005
16.844	-0.005
16.867	-0.005
16.889	-0.005
16.911	-0.005
16.933	-0.005
16.956	-0.005
16.978	-0.005
17.000	-0.005
17.022	-0.005
17.044	-0.005
17.067	-0.005
17.089	-0.005
17.111	-0.005

17.133	-0.005
17.156	-0.005
17.178	-0.005
17.200	-0.005
17.222	-0.005
17.244	-0.005
17.267	-0.005
17.289	-0.005
17.311	-0.005
17.333	-0.005
17.356	-0.005
17.378	-0.005
17.400	-0.005
17.422	-0.005
17.444	-0.005
17.467	-0.005
17.489	-0.005
17.511	-0.005
17.533	-0.005
17.556	-0.005
17.578	-0.005
17.600	-0.005
17.622	-0.005
17.644	-0.005
17.667	-0.005
17.689	-0.005
17.711	-0.005
17.733	-0.005
17.756	-0.005
17.778	-0.005
17.800	-0.005
17.822	-0.005
17.844	-0.005
17.867	-0.006
17.889	-0.006
17.911	-0.006
17.933	-0.006
17.956	-0.006
17.978	-0.006
18.000	-0.006
18.022	-0.006
18.044	-0.006
18.067	-0.006
18.089	-0.006
18.111	-0.006
18.133	-0.006
18.156	-0.006
18.178	-0.006
18.200	-0.006
18.222	-0.006
18.244	-0.006
18.267	-0.006
18.289	-0.006
18.311	-0.006
18.333	-0.006
18.356	-0.006
18.378	-0.006
18.400	-0.006
18.422	-0.006
18.444	-0.006
18.467	-0.006
18.489	-0.006
18.511	-0.006
18.533	-0.006
18.556	-0.006

18.578	-0.006
18.600	-0.006
18.622	-0.006
18.644	-0.006
18.667	-0.006
18.689	-0.006
18.711	-0.006
18.733	-0.006
18.756	-0.006
18.778	-0.006
18.800	-0.006
18.822	-0.006
18.844	-0.006
18.867	-0.006
18.889	-0.006
18.911	-0.006
18.933	-0.006
18.956	-0.006
18.978	-0.006
19.000	-0.006
19.022	-0.006
19.044	-0.006
19.067	-0.006
19.089	-0.006
19.111	-0.006
19.133	-0.006
19.156	-0.006
19.178	-0.006
19.200	-0.006
19.222	-0.006
19.244	-0.006
19.267	-0.006
19.289	-0.006
19.311	-0.006
19.333	-0.006
19.356	-0.006
19.378	-0.006
19.400	-0.006
19.422	-0.006
19.444	-0.006
19.467	-0.006
19.489	-0.006
19.511	-0.006
19.533	-0.006
19.556	-0.006
19.578	-0.006
19.600	-0.006
19.622	-0.006
19.644	-0.006
19.667	-0.006
19.689	-0.006
19.711	-0.006
19.733	-0.006
19.756	-0.006
19.778	-0.006
19.800	-0.006
19.822	-0.006
19.844	-0.006
19.867	-0.006
19.889	-0.006
19.911	-0.006
19.933	-0.006
19.956	-0.006
19.978	-0.006
20.000	-0.006

20.022	-0.006
20.044	-0.006
20.067	-0.006
20.089	-0.006
20.111	-0.006
20.133	-0.006
20.156	-0.006
20.178	-0.006
20.200	-0.006
20.222	-0.006
20.244	-0.006
20.267	-0.006
20.289	-0.006
20.311	-0.006
20.333	-0.006
20.356	-0.006
20.378	-0.006
20.400	-0.006
20.422	-0.006
20.444	-0.006
20.467	-0.006
20.489	-0.006
20.511	-0.006
20.533	-0.006
20.556	-0.006
20.578	-0.006
20.600	-0.006
20.622	-0.006
20.644	-0.006
20.667	-0.006
20.689	-0.006
20.711	-0.006
20.733	-0.006
20.756	-0.006
20.778	-0.006
20.800	-0.006
20.822	-0.006
20.844	-0.006
20.867	-0.006
20.889	-0.006
20.911	-0.006
20.933	-0.007
20.956	-0.007
20.978	-0.007
21.000	-0.007
21.022	-0.007
21.044	-0.007
21.067	-0.007
21.089	-0.007
21.111	-0.007
21.133	-0.007
21.156	-0.007
21.178	-0.007
21.200	-0.007
21.222	-0.007
21.244	-0.007
21.267	-0.007
21.289	-0.007
21.311	-0.007
21.333	-0.007
21.356	-0.007
21.378	-0.007
21.400	-0.007
21.422	-0.007
21.444	-0.007

21.467	-0.007
21.489	-0.007
21.511	-0.007
21.533	-0.007
21.556	-0.007
21.578	-0.007
21.600	-0.007
21.622	-0.007
21.644	-0.007
21.667	-0.007
21.689	-0.007
21.711	-0.007
21.733	-0.007
21.756	-0.007
21.778	-0.007
21.800	-0.007
21.822	-0.007
21.844	-0.007
21.867	-0.007
21.889	-0.007
21.911	-0.007
21.933	-0.007
21.956	-0.007
21.978	-0.007
22.000	-0.007
22.022	-0.007
22.044	-0.007
22.067	-0.007
22.089	-0.007
22.111	-0.007
22.133	-0.007
22.156	-0.007
22.178	-0.007
22.200	-0.007
22.222	-0.007
22.244	-0.007
22.267	-0.007
22.289	-0.007
22.311	-0.007
22.333	-0.007
22.356	-0.007
22.378	-0.007
22.400	-0.007
22.422	-0.007
22.444	-0.007
22.467	-0.007
22.489	-0.007
22.511	-0.007
22.533	-0.007
22.556	-0.007
22.578	-0.007
22.600	-0.007
22.622	-0.007
22.644	-0.007
22.667	-0.007
22.689	-0.007
22.711	-0.007
22.733	-0.007
22.756	-0.007
22.778	-0.007
22.800	-0.007
22.822	-0.007
22.844	-0.007
22.867	-0.007
22.889	-0.007

22.911	-0.007
22.933	-0.007
22.956	-0.007
22.978	-0.007
23.000	-0.007
23.022	-0.007
23.044	-0.007
23.067	-0.007
23.089	-0.007
23.111	-0.007
23.133	-0.007
23.156	-0.007
23.178	-0.007
23.200	-0.007
23.222	-0.007
23.244	-0.007
23.267	-0.007
23.289	-0.007
23.311	-0.007
23.333	-0.007
23.356	-0.007
23.378	-0.007
23.400	-0.007
23.422	-0.007
23.444	-0.007
23.467	-0.007
23.489	-0.007
23.511	-0.007
23.533	-0.007
23.556	-0.007
23.578	-0.007
23.600	-0.007
23.622	-0.007
23.644	-0.007
23.667	-0.007
23.689	-0.007
23.711	-0.007
23.733	-0.007
23.756	-0.007
23.778	-0.007
23.800	-0.007
23.822	-0.007
23.844	-0.007
23.867	-0.007
23.889	-0.007
23.911	-0.007
23.933	-0.007
23.956	-0.007
23.978	-0.007
24.000	-0.007
24.022	-0.008
24.044	-0.008
24.067	-0.009
24.089	-0.010
24.111	-0.012
24.133	-0.013
24.156	-0.015
24.178	-0.016
24.200	-0.017
24.222	-0.018
24.244	-0.018
24.267	-0.019
24.289	-0.019
24.311	-0.020
24.333	-0.020

24.356	-0.021
24.378	-0.021
24.400	-0.021
24.422	-0.022
24.444	-0.022
24.467	-0.022
24.489	-0.022
24.511	-0.023
24.533	-0.023
24.556	-0.023
24.578	-0.023
24.600	-0.023
24.622	-0.023
24.644	-0.023
24.667	-0.024
24.689	-0.024
24.711	-0.024
24.733	-0.024
24.756	-0.024
24.778	-0.024
24.800	-0.024
24.822	-0.024
24.844	-0.024
24.867	-0.024
24.889	-0.024
24.911	-0.024
24.933	-0.024
24.956	-0.024
24.978	-0.024
25.000	-0.025
25.022	-0.025
25.044	-0.025
25.067	-0.025
25.089	-0.025
25.111	-0.025
25.133	-0.025
25.156	-0.025
25.178	-0.025
25.200	-0.025
25.222	-0.025
25.244	-0.025
25.267	-0.025
25.289	-0.025
25.311	-0.025
25.333	-0.025
25.356	-0.025
25.378	-0.025
25.400	-0.025
25.422	-0.025
25.444	-0.025
25.467	-0.025
25.489	-0.025
25.511	-0.026
25.533	-0.026
25.556	-0.026
25.578	-0.026
25.600	-0.026
25.622	-0.026
25.644	-0.026
25.667	-0.026
25.689	-0.026
25.711	-0.026
25.733	-0.026
25.756	-0.026
25.778	-0.026

25.800	-0.026
25.822	-0.026
25.844	-0.026
25.867	-0.026
25.889	-0.026
25.911	-0.026
25.933	-0.026
25.956	-0.026
25.978	-0.026
26.000	-0.026
26.022	-0.026
26.044	-0.027
26.067	-0.027
26.089	-0.027
26.111	-0.027
26.133	-0.027
26.156	-0.027
26.178	-0.027
26.200	-0.027
26.222	-0.027
26.244	-0.027
26.267	-0.027
26.289	-0.027
26.311	-0.027
26.333	-0.027
26.356	-0.027
26.378	-0.027
26.400	-0.027
26.422	-0.027
26.444	-0.027
26.467	-0.027
26.489	-0.027
26.511	-0.027
26.533	-0.027
26.556	-0.027
26.578	-0.027
26.600	-0.027
26.622	-0.027
26.644	-0.028
26.667	-0.028
26.689	-0.028
26.711	-0.028
26.733	-0.028
26.756	-0.028
26.778	-0.028
26.800	-0.028
26.822	-0.028
26.844	-0.028
26.867	-0.028
26.889	-0.028
26.911	-0.028
26.933	-0.028
26.956	-0.028
26.978	-0.028
27.000	-0.028
27.022	-0.028
27.044	-0.028
27.067	-0.028
27.089	-0.028
27.111	-0.028
27.133	-0.028
27.156	-0.028
27.178	-0.028
27.200	-0.028
27.222	-0.028

27.244	-0.028
27.267	-0.028
27.289	-0.029
27.311	-0.029
27.333	-0.029
27.356	-0.029
27.378	-0.029
27.400	-0.029
27.422	-0.029
27.444	-0.029
27.467	-0.029
27.489	-0.029
27.511	-0.029
27.533	-0.029
27.556	-0.029
27.578	-0.029
27.600	-0.029
27.622	-0.029
27.644	-0.029
27.667	-0.029
27.689	-0.029
27.711	-0.029
27.733	-0.029
27.756	-0.029
27.778	-0.029
27.800	-0.029
27.822	-0.029
27.844	-0.029
27.867	-0.029
27.889	-0.029
27.911	-0.029
27.933	-0.029
27.956	-0.029
27.978	-0.029
28.000	-0.029
28.022	-0.030
28.044	-0.030
28.067	-0.030
28.089	-0.030
28.111	-0.030
28.133	-0.030
28.156	-0.030
28.178	-0.030
28.200	-0.030
28.222	-0.030
28.244	-0.030
28.267	-0.030
28.289	-0.030
28.311	-0.030
28.333	-0.030
28.356	-0.030
28.378	-0.030
28.400	-0.030
28.422	-0.030
28.444	-0.030
28.467	-0.030
28.489	-0.030
28.511	-0.030
28.533	-0.030
28.556	-0.030
28.578	-0.030
28.600	-0.030
28.622	-0.030
28.644	-0.030
28.667	-0.030

28.689	-0.030
28.711	-0.030
28.733	-0.030
28.756	-0.030
28.778	-0.030
28.800	-0.030
28.822	-0.031
28.844	-0.031
28.867	-0.031
28.889	-0.031
28.911	-0.031
28.933	-0.031
28.956	-0.031
28.978	-0.031
29.000	-0.031
29.022	-0.031
29.044	-0.031
29.067	-0.031
29.089	-0.031
29.111	-0.031
29.133	-0.031
29.156	-0.031
29.178	-0.031
29.200	-0.031
29.222	-0.031
29.244	-0.031
29.267	-0.031
29.289	-0.031
29.311	-0.031
29.333	-0.031
29.356	-0.031
29.378	-0.031
29.400	-0.031
29.422	-0.031
29.444	-0.031
29.467	-0.031
29.489	-0.031
29.511	-0.031
29.533	-0.031
29.556	-0.031
29.578	-0.031
29.600	-0.031
29.622	-0.031
29.644	-0.031
29.667	-0.031
29.689	-0.031
29.711	-0.032
29.733	-0.032
29.756	-0.032
29.778	-0.032
29.800	-0.032
29.822	-0.032
29.844	-0.032
29.867	-0.032
29.889	-0.032
29.911	-0.032
29.933	-0.032
29.956	-0.032
29.978	-0.032
30.000	-0.032
30.022	-0.032
30.044	-0.032
30.067	-0.032
30.089	-0.032
30.111	-0.032

30.133	-0.032
30.156	-0.032
30.178	-0.032
30.200	-0.032
30.222	-0.032
30.244	-0.032
30.267	-0.032
30.289	-0.032
30.311	-0.032
30.333	-0.032
30.356	-0.032
30.378	-0.032
30.400	-0.032
30.422	-0.032
30.444	-0.032
30.467	-0.032
30.489	-0.032
30.511	-0.032
30.533	-0.032
30.556	-0.032
30.578	-0.032
30.600	-0.032
30.622	-0.032
30.644	-0.032
30.667	-0.032
30.689	-0.032
30.711	-0.033
30.733	-0.033
30.756	-0.033
30.778	-0.033
30.800	-0.033
30.822	-0.033
30.844	-0.033
30.867	-0.033
30.889	-0.033
30.911	-0.033
30.933	-0.033
30.956	-0.033
30.978	-0.033
31.000	-0.033
31.022	-0.033
31.044	-0.033
31.067	-0.033
31.089	-0.033
31.111	-0.033
31.133	-0.033
31.156	-0.033
31.178	-0.033
31.200	-0.033
31.222	-0.033
31.244	-0.033
31.267	-0.033
31.289	-0.033
31.311	-0.033
31.333	-0.033
31.356	-0.033
31.378	-0.033
31.400	-0.033
31.422	-0.033
31.444	-0.033
31.467	-0.033
31.489	-0.033
31.511	-0.033
31.533	-0.033
31.556	-0.033

31.578	-0.033
31.600	-0.033
31.622	-0.033
31.644	-0.033
31.667	-0.033
31.689	-0.033
31.711	-0.033
31.733	-0.033
31.756	-0.033
31.778	-0.033
31.800	-0.033
31.822	-0.033
31.844	-0.033
31.867	-0.034
31.889	-0.034
31.911	-0.034
31.933	-0.034
31.956	-0.034
31.978	-0.034
32.000	-0.034
32.022	-0.036
32.044	-0.039
32.067	-0.040
32.089	-0.040
32.111	-0.041
32.133	-0.042
32.156	-0.043
32.178	-0.045
32.200	-0.046
32.222	-0.048
32.244	-0.049
32.267	-0.051
32.289	-0.052
32.311	-0.053
32.333	-0.055
32.356	-0.056
32.378	-0.058
32.400	-0.059
32.422	-0.061
32.444	-0.062
32.467	-0.063
32.489	-0.064
32.511	-0.066
32.533	-0.067
32.556	-0.068
32.578	-0.069
32.600	-0.070
32.622	-0.071
32.644	-0.073
32.667	-0.074
32.689	-0.075
32.711	-0.076
32.733	-0.077
32.756	-0.078
32.778	-0.078
32.800	-0.079
32.822	-0.080
32.844	-0.081
32.867	-0.082
32.889	-0.083
32.911	-0.084
32.933	-0.084
32.956	-0.085
32.978	-0.086
33.000	-0.255

33.022	-0.374
33.044	-0.306
33.067	-0.275
33.089	-0.249
33.111	-0.226
33.133	-0.207
33.156	-0.191
33.178	-0.177
33.200	-0.165
33.222	-0.155
33.244	-0.147
33.267	-0.140
33.289	-0.134
33.311	-0.128
33.333	-0.124
33.356	-0.120
33.378	-0.116
33.400	-0.113
33.422	-0.111
33.444	-0.108
33.467	-0.106
33.489	-0.104
33.511	-0.102
33.533	-0.101
33.556	-0.099
33.578	-0.098
33.600	-0.097
33.622	-0.096
33.644	-0.095
33.667	-0.094
33.689	-0.093
33.711	-0.092
33.733	-0.092
33.756	-0.091
33.778	-0.090
33.800	-0.090
33.822	-0.089
33.844	-0.089
33.867	-0.088
33.889	-0.088
33.911	-0.087
33.933	-0.087
33.956	-0.086
33.978	-0.086
34.000	-0.086
34.022	-0.085
34.044	-0.085
34.067	-0.084
34.089	-0.084
34.111	-0.084
34.133	-0.084
34.156	-0.083
34.178	-0.083
34.200	-0.083
34.222	-0.082
34.244	-0.082
34.267	-0.082
34.289	-0.082
34.311	-0.082
34.333	-0.081
34.356	-0.081
34.378	-0.081
34.400	-0.081
34.422	-0.081
34.444	-0.080

34.467	-0.080
34.489	-0.080
34.511	-0.080
34.533	-0.080
34.556	-0.080
34.578	-0.079
34.600	-0.079
34.622	-0.079
34.644	-0.079
34.667	-0.079
34.689	-0.079
34.711	-0.079
34.733	-0.078
34.756	-0.078
34.778	-0.078
34.800	-0.078
34.822	-0.078
34.844	-0.078
34.867	-0.078
34.889	-0.077
34.911	-0.077
34.933	-0.077
34.956	-0.077
34.978	-0.077
35.000	-0.077
35.022	-0.077
35.044	-0.077
35.067	-0.077
35.089	-0.077
35.111	-0.076
35.133	-0.076
35.156	-0.076
35.178	-0.076
35.200	-0.076
35.222	-0.076
35.244	-0.076
35.267	-0.076
35.289	-0.076
35.311	-0.076
35.333	-0.076
35.356	-0.076
35.378	-0.076
35.400	-0.076
35.422	-0.075
35.444	-0.075
35.467	-0.075
35.489	-0.075
35.511	-0.075
35.533	-0.075
35.556	-0.075
35.578	-0.075
35.600	-0.075
35.622	-0.075
35.644	-0.075
35.667	-0.075
35.689	-0.075
35.711	-0.075
35.733	-0.075
35.756	-0.075
35.778	-0.075
35.800	-0.074
35.822	-0.074
35.844	-0.074
35.867	-0.074
35.889	-0.074

35.911	-0.074
35.933	-0.074
35.956	-0.074
35.978	-0.074
36.000	-0.074
36.022	-0.074
36.044	-0.074
36.067	-0.074
36.089	-0.074
36.111	-0.074
36.133	-0.074
36.156	-0.074
36.178	-0.074
36.200	-0.074
36.222	-0.074
36.244	-0.074
36.267	-0.074
36.289	-0.074
36.311	-0.073
36.333	-0.073
36.356	-0.073
36.378	-0.073
36.400	-0.073
36.422	-0.073
36.444	-0.073
36.467	-0.073
36.489	-0.073
36.511	-0.073
36.533	-0.073
36.556	-0.073
36.578	-0.073
36.600	-0.073
36.622	-0.073
36.644	-0.073
36.667	-0.073
36.689	-0.073
36.711	-0.073
36.733	-0.073
36.756	-0.073
36.778	-0.073
36.800	-0.073
36.822	-0.073
36.844	-0.073
36.867	-0.073
36.889	-0.073
36.911	-0.073
36.933	-0.073
36.956	-0.073
36.978	-0.073
37.000	-0.073
37.022	-0.073
37.044	-0.073
37.067	-0.072
37.089	-0.072
37.111	-0.072
37.133	-0.072
37.156	-0.072
37.178	-0.072
37.200	-0.072
37.222	-0.072
37.244	-0.072
37.267	-0.072
37.289	-0.072
37.311	-0.072
37.333	-0.072

37.356	-0.072
37.378	-0.072
37.400	-0.072
37.422	-0.072
37.444	-0.072
37.467	-0.072
37.489	-0.072
37.511	-0.072
37.533	-0.072
37.556	-0.072
37.578	-0.072
37.600	-0.072
37.622	-0.072
37.644	-0.072
37.667	-0.072
37.689	-0.072
37.711	-0.072
37.733	-0.072
37.756	-0.072
37.778	-0.072
37.800	-0.072
37.822	-0.072
37.844	-0.072
37.867	-0.072
37.889	-0.072
37.911	-0.072
37.933	-0.072
37.956	-0.072
37.978	-0.072
38.000	-0.072
38.022	-0.072
38.044	-0.072
38.067	-0.072
38.089	-0.072
38.111	-0.072
38.133	-0.072
38.156	-0.072
38.178	-0.072
38.200	-0.072
38.222	-0.072
38.244	-0.072
38.267	-0.072
38.289	-0.072
38.311	-0.072
38.333	-0.071
38.356	-0.071
38.378	-0.071
38.400	-0.071
38.422	-0.071
38.444	-0.071
38.467	-0.071
38.489	-0.071
38.511	-0.071
38.533	-0.071
38.556	-0.071
38.578	-0.071
38.600	-0.071
38.622	-0.071
38.644	-0.071
38.667	-0.071
38.689	-0.071
38.711	-0.071
38.733	-0.071
38.756	-0.071
38.778	-0.071

38.800	-0.071
38.822	-0.071
38.844	-0.071
38.867	-0.071
38.889	-0.071
38.911	-0.071
38.933	-0.071
38.956	-0.071
38.978	-0.071
39.000	-0.071
39.022	-0.071
39.044	-0.071
39.067	-0.071
39.089	-0.071
39.111	-0.071
39.133	-0.071
39.156	-0.071
39.178	-0.071
39.200	-0.071
39.222	-0.071
39.244	-0.071
39.267	-0.071
39.289	-0.071
39.311	-0.071
39.333	-0.071
39.356	-0.071
39.378	-0.071
39.400	-0.071
39.422	-0.071
39.444	-0.071
39.467	-0.071
39.489	-0.071
39.511	-0.071
39.533	-0.071
39.556	-0.071
39.578	-0.071
39.600	-0.071
39.622	-0.071
39.644	-0.071
39.667	-0.071
39.689	-0.071
39.711	-0.071
39.733	-0.071
39.756	-0.071
39.778	-0.071
39.800	-0.071
39.822	-0.071
39.844	-0.071
39.867	-0.071
39.889	-0.071
39.911	-0.071
39.933	-0.071
39.956	-0.071
39.978	-0.071
40.000	-0.071
40.022	-0.071
40.044	-0.071
40.067	-0.071
40.089	-0.070
40.111	-0.070
40.133	-0.070
40.156	-0.069
40.178	-0.069
40.200	-0.068
40.222	-0.068

40.244	-0.067
40.267	-0.067
40.289	-0.066
40.311	-0.066
40.333	-0.065
40.356	-0.065
40.378	-0.064
40.400	-0.064
40.422	-0.063
40.444	-0.063
40.467	-0.063
40.489	-0.062
40.511	-0.062
40.533	-0.061
40.556	-0.061
40.578	-0.061
40.600	-0.060
40.622	-0.060
40.644	-0.060
40.667	-0.059
40.689	-0.059
40.711	-0.059
40.733	-0.058
40.756	-0.058
40.778	-0.058
40.800	-0.057
40.822	-0.057
40.844	-0.057
40.867	-0.057
40.889	-0.056
40.911	-0.056
40.933	-0.056
40.956	-0.056
40.978	-0.056
41.000	-0.055
41.022	-0.055
41.044	-0.055
41.067	-0.055
41.089	-0.055
41.111	-0.054
41.133	-0.054
41.156	-0.054
41.178	-0.054
41.200	-0.054
41.222	-0.053
41.244	-0.053
41.267	-0.053
41.289	-0.053
41.311	-0.053
41.333	-0.053
41.356	-0.052
41.378	-0.052
41.400	-0.052
41.422	-0.052
41.444	-0.052
41.467	-0.052
41.489	-0.052
41.511	-0.051
41.533	-0.051
41.556	-0.051
41.578	-0.051
41.600	-0.051
41.622	-0.051
41.644	-0.051
41.667	-0.050

41.689	-0.050
41.711	-0.050
41.733	-0.050
41.756	-0.050
41.778	-0.050
41.800	-0.050
41.822	-0.050
41.844	-0.049
41.867	-0.049
41.889	-0.049
41.911	-0.049
41.933	-0.049
41.956	-0.049
41.978	-0.049
42.000	-0.049
42.022	-0.048
42.044	-0.048
42.067	-0.048
42.089	-0.048
42.111	-0.048
42.133	-0.048
42.156	-0.048
42.178	-0.048
42.200	-0.048
42.222	-0.047
42.244	-0.047
42.267	-0.047
42.289	-0.047
42.311	-0.047
42.333	-0.047
42.356	-0.047
42.378	-0.047
42.400	-0.047
42.422	-0.047
42.444	-0.047
42.467	-0.046
42.489	-0.046
42.511	-0.046
42.533	-0.046
42.556	-0.046
42.578	-0.046
42.600	-0.046
42.622	-0.046
42.644	-0.046
42.667	-0.046
42.689	-0.046
42.711	-0.045
42.733	-0.045
42.756	-0.045
42.778	-0.045
42.800	-0.045
42.822	-0.045
42.844	-0.045
42.867	-0.045
42.889	-0.045
42.911	-0.045
42.933	-0.045
42.956	-0.045
42.978	-0.044
43.000	-0.044
43.022	-0.044
43.044	-0.044
43.067	-0.044
43.089	-0.044
43.111	-0.044

43.133	-0.044
43.156	-0.044
43.178	-0.044
43.200	-0.044
43.222	-0.044
43.244	-0.044
43.267	-0.044
43.289	-0.043
43.311	-0.043
43.333	-0.043
43.356	-0.043
43.378	-0.043
43.400	-0.043
43.422	-0.043
43.444	-0.043
43.467	-0.043
43.489	-0.043
43.511	-0.043
43.533	-0.043
43.556	-0.043
43.578	-0.043
43.600	-0.043
43.622	-0.042
43.644	-0.042
43.667	-0.042
43.689	-0.042
43.711	-0.042
43.733	-0.042
43.756	-0.042
43.778	-0.042
43.800	-0.042
43.822	-0.042
43.844	-0.042
43.867	-0.042
43.889	-0.042
43.911	-0.042
43.933	-0.042
43.956	-0.042
43.978	-0.041
44.000	-0.041
44.022	-0.041
44.044	-0.041
44.067	-0.041
44.089	-0.041
44.111	-0.041
44.133	-0.041
44.156	-0.041
44.178	-0.041
44.200	-0.041
44.222	-0.041
44.244	-0.041
44.267	-0.041
44.289	-0.041
44.311	-0.041
44.333	-0.041
44.356	-0.041
44.378	-0.040
44.400	-0.040
44.422	-0.040
44.444	-0.040
44.467	-0.040
44.489	-0.040
44.511	-0.040
44.533	-0.040
44.556	-0.040

44.578	-0.040
44.600	-0.040
44.622	-0.040
44.644	-0.040
44.667	-0.040
44.689	-0.040
44.711	-0.040
44.733	-0.040
44.756	-0.040
44.778	-0.040
44.800	-0.040
44.822	-0.040
44.844	-0.039
44.867	-0.039
44.889	-0.039
44.911	-0.039
44.933	-0.039
44.956	-0.039
44.978	-0.039
45.000	-0.039
45.022	-0.039
45.044	-0.039
45.067	-0.039
45.089	-0.039
45.111	-0.039
45.133	-0.039
45.156	-0.039
45.178	-0.039
45.200	-0.039
45.222	-0.039
45.244	-0.039
45.267	-0.039
45.289	-0.039
45.311	-0.039
45.333	-0.039
45.356	-0.038
45.378	-0.038
45.400	-0.038
45.422	-0.038
45.444	-0.038
45.467	-0.038
45.489	-0.038
45.511	-0.038
45.533	-0.038
45.556	-0.038
45.578	-0.038
45.600	-0.038
45.622	-0.038
45.644	-0.038
45.667	-0.038
45.689	-0.038
45.711	-0.038
45.733	-0.038
45.756	-0.038
45.778	-0.038
45.800	-0.038
45.822	-0.038
45.844	-0.038
45.867	-0.038
45.889	-0.038
45.911	-0.037
45.933	-0.037
45.956	-0.037
45.978	-0.037
46.000	-0.037

46.022	-0.037
46.044	-0.037
46.067	-0.037
46.089	-0.037
46.111	-0.037
46.133	-0.037
46.156	-0.037
46.178	-0.037
46.200	-0.037
46.222	-0.037
46.244	-0.037
46.267	-0.037
46.289	-0.037
46.311	-0.037
46.333	-0.037
46.356	-0.037
46.378	-0.037
46.400	-0.037
46.422	-0.037
46.444	-0.037
46.467	-0.037
46.489	-0.037
46.511	-0.037
46.533	-0.037
46.556	-0.037
46.578	-0.036
46.600	-0.036
46.622	-0.036
46.644	-0.036
46.667	-0.036
46.689	-0.036
46.711	-0.036
46.733	-0.036
46.756	-0.036
46.778	-0.036
46.800	-0.036
46.822	-0.036
46.844	-0.036
46.867	-0.036
46.889	-0.036
46.911	-0.036
46.933	-0.036
46.956	-0.036
46.978	-0.036
47.000	-0.036
47.022	-0.036
47.044	-0.036
47.067	-0.036
47.089	-0.036
47.111	-0.036
47.133	-0.036
47.156	-0.036
47.178	-0.036
47.200	-0.036
47.222	-0.036
47.244	-0.036
47.267	-0.036
47.289	-0.036
47.311	-0.035
47.333	-0.035
47.356	-0.035
47.378	-0.035
47.400	-0.035
47.422	-0.035
47.444	-0.035

47.467	-0.035
47.489	-0.035
47.511	-0.035
47.533	-0.035
47.556	-0.035
47.578	-0.035
47.600	-0.035
47.622	-0.035
47.644	-0.035
47.667	-0.035
47.689	-0.035
47.711	-0.035
47.733	-0.035
47.756	-0.035
47.778	-0.035
47.800	-0.035
47.822	-0.035
47.844	-0.035
47.867	-0.035
47.889	-0.035
47.911	-0.035
47.933	-0.035
47.956	-0.035
47.978	-0.035
48.000	-0.035
48.022	-0.035
48.044	-0.035
48.067	-0.035
48.089	-0.035
48.111	-0.035
48.133	-0.034
48.156	-0.034
48.178	-0.034
48.200	-0.034
48.222	-0.034
48.244	-0.034
48.267	-0.034
48.289	-0.034
48.311	-0.034
48.333	-0.034
48.356	-0.034
48.378	-0.034
48.400	-0.034
48.422	-0.034
48.444	-0.034
48.467	-0.034
48.489	-0.034
48.511	-0.034
48.533	-0.034
48.556	-0.034
48.578	-0.034
48.600	-0.034
48.622	-0.034
48.644	-0.034
48.667	-0.034
48.689	-0.034
48.711	-0.033
48.733	-0.033
48.756	-0.033
48.778	-0.033
48.800	-0.033
48.822	-0.033
48.844	-0.033
48.867	-0.033
48.889	-0.033

48.911	-0.033
48.933	-0.033
48.956	-0.033
48.978	-0.033
49.000	-0.033
49.022	-0.033
49.044	-0.033
49.067	-0.033
49.089	-0.033
49.111	-0.033
49.133	-0.033
49.156	-0.033
49.178	-0.033
49.200	-0.033
49.222	-0.033
49.244	-0.033
49.267	-0.033
49.289	-0.033
49.311	-0.033
49.333	-0.033
49.356	-0.033
49.378	-0.033
49.400	-0.033
49.422	-0.033
49.444	-0.033
49.467	-0.033
49.489	-0.032
49.511	-0.032
49.533	-0.032
49.556	-0.032
49.578	-0.032
49.600	-0.032
49.622	-0.032
49.644	-0.032
49.667	-0.032
49.689	-0.032
49.711	-0.032
49.733	-0.032
49.756	-0.032
49.778	-0.032
49.800	-0.032
49.822	-0.032
49.844	-0.032
49.867	-0.032
49.889	-0.032
49.911	-0.032
49.933	-0.032
49.956	-0.032
49.978	-0.032
50.000	-0.032
50.022	-0.032
50.044	-0.032
50.067	-0.032
50.089	-0.032
50.111	-0.032
50.133	-0.032
50.156	-0.032
50.178	-0.032
50.200	-0.032
50.222	-0.032
50.244	-0.032
50.267	-0.032
50.289	-0.032
50.311	-0.032
50.333	-0.032

50.356	-0.032
50.378	-0.032
50.400	-0.032
50.422	-0.032
50.444	-0.032
50.467	-0.031
50.489	-0.031
50.511	-0.031
50.533	-0.031
50.556	-0.031
50.578	-0.031
50.600	-0.031
50.622	-0.031
50.644	-0.031
50.667	-0.031
50.689	-0.031
50.711	-0.031
50.733	-0.031
50.756	-0.031
50.778	-0.031
50.800	-0.031
50.822	-0.031
50.844	-0.031
50.867	-0.031
50.889	-0.031
50.911	-0.031
50.933	-0.031
50.956	-0.031
50.978	-0.031
51.000	-0.031
51.022	-0.031
51.044	-0.031
51.067	-0.031
51.089	-0.031
51.111	-0.031
51.133	-0.031
51.156	-0.031
51.178	-0.031
51.200	-0.031
51.222	-0.031
51.244	-0.031
51.267	-0.031
51.289	-0.031
51.311	-0.031
51.333	-0.031
51.356	-0.031
51.378	-0.031
51.400	-0.031
51.422	-0.031
51.444	-0.031
51.467	-0.031
51.489	-0.031
51.511	-0.031
51.533	-0.031
51.556	-0.031
51.578	-0.031
51.600	-0.031
51.622	-0.031
51.644	-0.031
51.667	-0.030
51.689	-0.030
51.711	-0.030
51.733	-0.030
51.756	-0.030
51.778	-0.030

51.800	-0.030
51.822	-0.030
51.844	-0.030
51.867	-0.030
51.889	-0.030
51.911	-0.030
51.933	-0.030
51.956	-0.030
51.978	-0.030
52.000	-0.030
52.022	-0.030
52.044	-0.030
52.067	-0.030
52.089	-0.030
52.111	-0.030
52.133	-0.030
52.156	-0.030
52.178	-0.030
52.200	-0.030
52.222	-0.030
52.244	-0.030
52.267	-0.030
52.289	-0.030
52.311	-0.030
52.333	-0.030
52.356	-0.030
52.378	-0.030
52.400	-0.030
52.422	-0.030
52.444	-0.030
52.467	-0.030
52.489	-0.030
52.511	-0.030
52.533	-0.030
52.556	-0.030
52.578	-0.030
52.600	-0.030
52.622	-0.030
52.644	-0.030
52.667	-0.030
52.689	-0.030
52.711	-0.030
52.733	-0.030
52.756	-0.030
52.778	-0.030
52.800	-0.030
52.822	-0.030
52.844	-0.030
52.867	-0.030
52.889	-0.030
52.911	-0.030
52.933	-0.030
52.956	-0.030
52.978	-0.030
53.000	-0.030
53.022	-0.030
53.044	-0.030
53.067	-0.030
53.089	-0.030
53.111	-0.029
53.133	-0.029
53.156	-0.029
53.178	-0.029
53.200	-0.029
53.222	-0.029

53.244	-0.029
53.267	-0.029
53.289	-0.029
53.311	-0.029
53.333	-0.029
53.356	-0.029
53.378	-0.029
53.400	-0.029
53.422	-0.029
53.444	-0.029
53.467	-0.029
53.489	-0.029
53.511	-0.029
53.533	-0.029
53.556	-0.029
53.578	-0.029
53.600	-0.029
53.622	-0.029
53.644	-0.029
53.667	-0.029
53.689	-0.029
53.711	-0.029
53.733	-0.029
53.756	-0.029
53.778	-0.029
53.800	-0.029
53.822	-0.029
53.844	-0.029
53.867	-0.029
53.889	-0.029
53.911	-0.029
53.933	-0.029
53.956	-0.029
53.978	-0.029
54.000	-0.029
54.022	-0.029
54.044	-0.029
54.067	-0.029
54.089	-0.029
54.111	-0.029
54.133	-0.029
54.156	-0.029
54.178	-0.029
54.200	-0.029
54.222	-0.029
54.244	-0.029
54.267	-0.029
54.289	-0.029
54.311	-0.029
54.333	-0.029
54.356	-0.029
54.378	-0.029
54.400	-0.029
54.422	-0.029
54.444	-0.029
54.467	-0.029
54.489	-0.029
54.511	-0.029
54.533	-0.029
54.556	-0.029
54.578	-0.029
54.600	-0.029
54.622	-0.029
54.644	-0.029
54.667	-0.029

54.689	-0.029
54.711	-0.029
54.733	-0.029
54.756	-0.029
54.778	-0.029
54.800	-0.029
54.822	-0.029
54.844	-0.029
54.867	-0.029
54.889	-0.029
54.911	-0.028
54.933	-0.028
54.956	-0.028
54.978	-0.028
55.000	-0.028
55.022	-0.028
55.044	-0.028
55.067	-0.028
55.089	-0.028
55.111	-0.028
55.133	-0.028
55.156	-0.028
55.178	-0.028
55.200	-0.028
55.222	-0.028
55.244	-0.028
55.267	-0.028
55.289	-0.028
55.311	-0.028
55.333	-0.028
55.356	-0.028
55.378	-0.028
55.400	-0.028
55.422	-0.028
55.444	-0.028
55.467	-0.028
55.489	-0.028
55.511	-0.028
55.533	-0.028
55.556	-0.028
55.578	-0.028
55.600	-0.028
55.622	-0.028
55.644	-0.028
55.667	-0.028
55.689	-0.028
55.711	-0.028
55.733	-0.028
55.756	-0.028
55.778	-0.028
55.800	-0.028
55.822	-0.028
55.844	-0.028
55.867	-0.028
55.889	-0.028
55.911	-0.028
55.933	-0.028
55.956	-0.028
55.978	-0.028
56.000	-0.028
56.022	-0.028
56.044	-0.028
56.067	-0.028
56.089	-0.028
56.111	-0.028

56.133	-0.028
56.156	-0.028
56.178	-0.028
56.200	-0.028
56.222	-0.028
56.244	-0.028
56.267	-0.028
56.289	-0.028
56.311	-0.028
56.333	-0.028
56.356	-0.028
56.378	-0.028
56.400	-0.028
56.422	-0.028
56.444	-0.028
56.467	-0.028
56.489	-0.028
56.511	-0.028
56.533	-0.028
56.556	-0.028
56.578	-0.028
56.600	-0.028
56.622	-0.028
56.644	-0.028
56.667	-0.028
56.689	-0.028
56.711	-0.028
56.733	-0.028
56.756	-0.028
56.778	-0.028
56.800	-0.028
56.822	-0.028
56.844	-0.028
56.867	-0.027
56.889	-0.027
56.911	-0.027
56.933	-0.027
56.956	-0.027
56.978	-0.027
57.000	-0.027
57.022	-0.027
57.044	-0.027
57.067	-0.027
57.089	-0.027
57.111	-0.027
57.133	-0.027
57.156	-0.027
57.178	-0.027
57.200	-0.027
57.222	-0.027
57.244	-0.027
57.267	-0.027
57.289	-0.027
57.311	-0.027
57.333	-0.027
57.356	-0.027
57.378	-0.027
57.400	-0.027
57.422	-0.027
57.444	-0.027
57.467	-0.027
57.489	-0.027
57.511	-0.027
57.533	-0.027
57.556	-0.027

57.578	-0.027
57.600	-0.027
57.622	-0.027
57.644	-0.027
57.667	-0.027
57.689	-0.027
57.711	-0.027
57.733	-0.027
57.756	-0.027
57.778	-0.027
57.800	-0.027
57.822	-0.027
57.844	-0.027
57.867	-0.027
57.889	-0.027
57.911	-0.027
57.933	-0.027
57.956	-0.027
57.978	-0.027
58.000	-0.027
58.022	-0.027
58.044	-0.027
58.067	-0.027
58.089	-0.027
58.111	-0.027
58.133	-0.027
58.156	-0.027
58.178	-0.027
58.200	-0.027
58.222	-0.027
58.244	-0.027
58.267	-0.027
58.289	-0.027
58.311	-0.027
58.333	-0.027
58.356	-0.027
58.378	-0.027
58.400	-0.027
58.422	-0.027
58.444	-0.027
58.467	-0.027
58.489	-0.027
58.511	-0.027
58.533	-0.027
58.556	-0.027
58.578	-0.027
58.600	-0.027
58.622	-0.027
58.644	-0.027
58.667	-0.027
58.689	-0.027
58.711	-0.027
58.733	-0.027
58.756	-0.027
58.778	-0.027
58.800	-0.027
58.822	-0.027
58.844	-0.027
58.867	-0.027
58.889	-0.027
58.911	-0.027
58.933	-0.027
58.956	-0.027
58.978	-0.027
59.000	-0.027

59.022	-0.027
59.044	-0.027
59.067	-0.027
59.089	-0.027
59.111	-0.027
59.133	-0.027
59.156	-0.027
59.178	-0.027
59.200	-0.027
59.222	-0.027
59.244	-0.027
59.267	-0.027
59.289	-0.027
59.311	-0.026
59.333	-0.026
59.356	-0.026
59.378	-0.026
59.400	-0.026
59.422	-0.026
59.444	-0.026
59.467	-0.026
59.489	-0.026
59.511	-0.026
59.533	-0.026
59.556	-0.026
59.578	-0.026
59.600	-0.026
59.622	-0.026
59.644	-0.026
59.667	-0.026
59.689	-0.026
59.711	-0.026
59.733	-0.026
59.756	-0.026
59.778	-0.026
59.800	-0.026
59.822	-0.026
59.844	-0.026
59.867	-0.026
59.889	-0.026
59.911	-0.026
59.933	-0.026
59.956	-0.026
59.978	-0.026
60.000	-0.026
60.022	-0.026
60.044	-0.026
60.067	-0.026
60.089	-0.026
60.111	-0.026
60.133	-0.026
60.156	-0.026
60.178	-0.026
60.200	-0.026
60.222	-0.026
60.244	-0.026
60.267	-0.026
60.289	-0.026
60.311	-0.026
60.333	-0.026
60.356	-0.026
60.378	-0.026
60.400	-0.026
60.422	-0.026
60.444	-0.026

60.467	-0.026
60.489	-0.026
60.511	-0.026
60.533	-0.026
60.556	-0.026
60.578	-0.026
60.600	-0.026
60.622	-0.026
60.644	-0.026
60.667	-0.026
60.689	-0.026
60.711	-0.026
60.733	-0.026
60.756	-0.026
60.778	-0.026
60.800	-0.026
60.822	-0.026
60.844	-0.026
60.867	-0.026
60.889	-0.026
60.911	-0.026
60.933	-0.026
60.956	-0.026
60.978	-0.026
61.000	-0.026
61.022	-0.026
61.044	-0.026
61.067	-0.026
61.089	-0.026
61.111	-0.026
61.133	-0.026
61.156	-0.026
61.178	-0.026
61.200	-0.026
61.222	-0.026
61.244	-0.026
61.267	-0.026
61.289	-0.026
61.311	-0.026
61.333	-0.026
61.356	-0.026
61.378	-0.026
61.400	-0.026
61.422	-0.026
61.444	-0.026
61.467	-0.026
61.489	-0.026
61.511	-0.026
61.533	-0.026
61.556	-0.026
61.578	-0.026
61.600	-0.026
61.622	-0.026
61.644	-0.026
61.667	-0.026
61.689	-0.026
61.711	-0.026
61.733	-0.026
61.756	-0.026
61.778	-0.026
61.800	-0.026
61.822	-0.026
61.844	-0.026
61.867	-0.026
61.889	-0.026

61.911	-0.026
61.933	-0.026
61.956	-0.026
61.978	-0.026
62.000	-0.026
62.022	-0.026
62.044	-0.026
62.067	-0.026
62.089	-0.026
62.111	-0.026
62.133	-0.026
62.156	-0.026
62.178	-0.026
62.200	-0.026
62.222	-0.026
62.244	-0.026
62.267	-0.026
62.289	-0.026
62.311	-0.026
62.333	-0.026
62.356	-0.026
62.378	-0.026
62.400	-0.026
62.422	-0.026
62.444	-0.026
62.467	-0.026
62.489	-0.026
62.511	-0.026
62.533	-0.026
62.556	-0.026
62.578	-0.026
62.600	-0.026
62.622	-0.026
62.644	-0.026
62.667	-0.026
62.689	-0.026
62.711	-0.026
62.733	-0.026
62.756	-0.026
62.778	-0.026
62.800	-0.025
62.822	-0.025
62.844	-0.025
62.867	-0.025
62.889	-0.025
62.911	-0.025
62.933	-0.025
62.956	-0.025
62.978	-0.025
63.000	-0.025
63.022	-0.025
63.044	-0.025
63.067	-0.025
63.089	-0.025
63.111	-0.025
63.133	-0.025
63.156	-0.025
63.178	-0.025
63.200	-0.025
63.222	-0.025
63.244	-0.025
63.267	-0.025
63.289	-0.025
63.311	-0.025
63.333	-0.025

63.356	-0.025
63.378	-0.025
63.400	-0.025
63.422	-0.025
63.444	-0.025
63.467	-0.025
63.489	-0.025
63.511	-0.025
63.533	-0.025
63.556	-0.025
63.578	-0.025
63.600	-0.025
63.622	-0.025
63.644	-0.025
63.667	-0.025
63.689	-0.025
63.711	-0.025
63.733	-0.025
63.756	-0.025
63.778	-0.025
63.800	-0.025
63.822	-0.025
63.844	-0.025
63.867	-0.025
63.889	-0.025
63.911	-0.025
63.933	-0.025
63.956	-0.025
63.978	-0.025
64.000	-0.025
64.022	-0.025
64.044	-0.025
64.067	-0.025
64.089	-0.025
64.111	-0.025
64.133	-0.025
64.156	-0.025
64.178	-0.025
64.200	-0.025
64.222	-0.025
64.244	-0.025
64.267	-0.025
64.289	-0.025
64.311	-0.025
64.333	-0.025
64.356	-0.025
64.378	-0.025
64.400	-0.025
64.422	-0.025
64.444	-0.025
64.467	-0.025
64.489	-0.025
64.511	-0.025
64.533	-0.025
64.556	-0.025
64.578	-0.025
64.600	-0.025
64.622	-0.025
64.644	-0.025
64.667	-0.025
64.689	-0.025
64.711	-0.025
64.733	-0.025
64.756	-0.025
64.778	-0.025

64.800	-0.025
64.822	-0.025
64.844	-0.025
64.867	-0.025
64.889	-0.025
64.911	-0.025
64.933	-0.025
64.956	-0.025
64.978	-0.025
65.000	-0.025
65.022	-0.025
65.044	-0.025
65.067	-0.025
65.089	-0.025
65.111	-0.025
65.133	-0.025
65.156	-0.025
65.178	-0.025
65.200	-0.025
65.222	-0.025
65.244	-0.025
65.267	-0.025
65.289	-0.025
65.311	-0.025
65.333	-0.025
65.356	-0.025
65.378	-0.025
65.400	-0.025
65.422	-0.025
65.444	-0.025
65.467	-0.025
65.489	-0.025
65.511	-0.025
65.533	-0.025
65.556	-0.025
65.578	-0.025
65.600	-0.025
65.622	-0.025
65.644	-0.025
65.667	-0.025
65.689	-0.025
65.711	-0.025
65.733	-0.025
65.756	-0.025
65.778	-0.025
65.800	-0.025
65.822	-0.025
65.844	-0.025
65.867	-0.025
65.889	-0.025
65.911	-0.025
65.933	-0.025
65.956	-0.025
65.978	-0.025
66.000	-0.025
66.022	-0.025
66.044	-0.025
66.067	-0.025
66.089	-0.025
66.111	-0.025
66.133	-0.025
66.156	-0.025
66.178	-0.025
66.200	-0.025
66.222	-0.025

66.244	-0.025
66.267	-0.025
66.289	-0.025
66.311	-0.025
66.333	-0.025
66.356	-0.025
66.378	-0.025
66.400	-0.025
66.422	-0.025
66.444	-0.025
66.467	-0.025
66.489	-0.025
66.511	-0.025
66.533	-0.025
66.556	-0.025
66.578	-0.025
66.600	-0.025
66.622	-0.025
66.644	-0.025
66.667	-0.025
66.689	-0.025
66.711	-0.025
66.733	-0.025
66.756	-0.025
66.778	-0.025
66.800	-0.025
66.822	-0.025
66.844	-0.025
66.867	-0.025
66.889	-0.025
66.911	-0.025
66.933	-0.025
66.956	-0.025
66.978	-0.025
67.000	-0.025
67.022	-0.025
67.044	-0.025
67.067	-0.025
67.089	-0.025
67.111	-0.025
67.133	-0.025
67.156	-0.025
67.178	-0.025
67.200	-0.025
67.222	-0.025
67.244	-0.025
67.267	-0.025
67.289	-0.025
67.311	-0.025
67.333	-0.025
67.356	-0.025
67.378	-0.025
67.400	-0.025
67.422	-0.025
67.444	-0.025
67.467	-0.025
67.489	-0.025
67.511	-0.025
67.533	-0.025
67.556	-0.025
67.578	-0.025
67.600	-0.025
67.622	-0.025
67.644	-0.025
67.667	-0.025

67.689	-0.025
67.711	-0.025
67.733	-0.025
67.756	-0.025
67.778	-0.025
67.800	-0.025
67.822	-0.025
67.844	-0.025
67.867	-0.025
67.889	-0.025
67.911	-0.025
67.933	-0.025
67.956	-0.025
67.978	-0.025
68.000	-0.025
68.022	-0.025
68.044	-0.025
68.067	-0.025
68.089	-0.025
68.111	-0.025
68.133	-0.025
68.156	-0.025
68.178	-0.025
68.200	-0.025
68.222	-0.025
68.244	-0.025
68.267	-0.025
68.289	-0.025
68.311	-0.025
68.333	-0.025
68.356	-0.025
68.378	-0.025
68.400	-0.025
68.422	-0.025
68.444	-0.025
68.467	-0.025
68.489	-0.025
68.511	-0.025
68.533	-0.025
68.556	-0.025
68.578	-0.025
68.600	-0.025
68.622	-0.025
68.644	-0.025
68.667	-0.025
68.689	-0.025
68.711	-0.025
68.733	-0.025
68.756	-0.025
68.778	-0.025
68.800	-0.025
68.822	-0.025
68.844	-0.025
68.867	-0.025
68.889	-0.025
68.911	-0.025
68.933	-0.025
68.956	-0.025
68.978	-0.025
69.000	-0.025
69.022	-0.025
69.044	-0.025
69.067	-0.025
69.089	-0.025
69.111	-0.025

69.133	-0.025
69.156	-0.025
69.178	-0.025
69.200	-0.025
69.222	-0.025
69.244	-0.025
69.267	-0.025
69.289	-0.025
69.311	-0.025
69.333	-0.025
69.356	-0.025
69.378	-0.025
69.400	-0.025
69.422	-0.025
69.444	-0.025
69.467	-0.025
69.489	-0.025
69.511	-0.025
69.533	-0.025
69.556	-0.025
69.578	-0.025
69.600	-0.025
69.622	-0.025
69.644	-0.025
69.667	-0.025
69.689	-0.025
69.711	-0.025
69.733	-0.025
69.756	-0.025
69.778	-0.025
69.800	-0.025
69.822	-0.025
69.844	-0.025
69.867	-0.025
69.889	-0.025
69.911	-0.025
69.933	-0.025
69.956	-0.025
69.978	-0.025
70.000	-0.025
70.022	-0.025
70.044	-0.025
70.067	-0.025
70.089	-0.025
70.111	-0.025
70.133	-0.025
70.156	-0.025
70.178	-0.025
70.200	-0.025
70.222	-0.025
70.244	-0.025
70.267	-0.025
70.289	-0.025
70.311	-0.025
70.333	-0.025
70.356	-0.025
70.378	-0.025
70.400	-0.025
70.422	-0.025
70.444	-0.025
70.467	-0.025
70.489	-0.025
70.511	-0.025
70.533	-0.025
70.556	-0.025

70.578	-0.025
70.600	-0.025
70.622	-0.025
70.644	-0.025
70.667	-0.025
70.689	-0.025
70.711	-0.024
70.733	-0.024
70.756	-0.024
70.778	-0.024
70.800	-0.024
70.822	-0.024
70.844	-0.024
70.867	-0.024
70.889	-0.024
70.911	-0.024
70.933	-0.024
70.956	-0.024
70.978	-0.024
71.000	-0.024
71.022	-0.024
71.044	-0.024
71.067	-0.024
71.089	-0.024
71.111	-0.024
71.133	-0.024
71.156	-0.024
71.178	-0.024
71.200	-0.024
71.222	-0.024
71.244	-0.024
71.267	-0.024
71.289	-0.024
71.311	-0.024
71.333	-0.024
71.356	-0.024
71.378	-0.024
71.400	-0.024
71.422	-0.024
71.444	-0.024
71.467	-0.024
71.489	-0.024
71.511	-0.024
71.533	-0.024
71.556	-0.024
71.578	-0.024
71.600	-0.024
71.622	-0.024
71.644	-0.024
71.667	-0.024
71.689	-0.024
71.711	-0.024
71.733	-0.024
71.756	-0.024
71.778	-0.024
71.800	-0.024
71.822	-0.024
71.844	-0.024
71.867	-0.024
71.889	-0.024
71.911	-0.024
71.933	-0.024
71.956	-0.024
71.978	-0.024
72.000	-0.024

72.022	-0.024
72.044	-0.024
72.067	-0.024
72.089	-0.024
72.111	-0.024
72.133	-0.024
72.156	-0.024
72.178	-0.024
72.200	-0.024
72.222	-0.024
72.244	-0.024
72.267	-0.024
72.289	-0.023
72.311	-0.023
72.333	-0.023
72.356	-0.023
72.378	-0.023
72.400	-0.023
72.422	-0.023
72.444	-0.023
72.467	-0.023
72.489	-0.023
72.511	-0.023
72.533	-0.023
72.556	-0.022
72.578	-0.022
72.600	-0.022
72.622	-0.022
72.644	-0.022
72.667	-0.022
72.689	-0.022
72.711	-0.022
72.733	-0.022
72.756	-0.022
72.778	-0.022
72.800	-0.022
72.822	-0.022
72.844	-0.022
72.867	-0.022
72.889	-0.022
72.911	-0.022
72.933	-0.022
72.956	-0.021
72.978	-0.021
73.000	-0.021
73.022	-0.021
73.044	-0.021
73.067	-0.021
73.089	-0.021
73.111	-0.021
73.133	-0.021
73.156	-0.021
73.178	-0.021
73.200	-0.021
73.222	-0.021
73.244	-0.021
73.267	-0.021
73.289	-0.021
73.311	-0.021
73.333	-0.021
73.356	-0.021
73.378	-0.021
73.400	-0.021
73.422	-0.021
73.444	-0.021

73.467	-0.021
73.489	-0.021
73.511	-0.021
73.533	-0.021
73.556	-0.021
73.578	-0.021
73.600	-0.020
73.622	-0.020
73.644	-0.020
73.667	-0.020
73.689	-0.020
73.711	-0.020
73.733	-0.020
73.756	-0.020
73.778	-0.020
73.800	-0.020
73.822	-0.020
73.844	-0.020
73.867	-0.020
73.889	-0.020
73.911	-0.020
73.933	-0.020
73.956	-0.020
73.978	-0.020
74.000	-0.020
74.022	-0.020
74.044	-0.020
74.067	-0.020
74.089	-0.020
74.111	-0.020
74.133	-0.020
74.156	-0.020
74.178	-0.020
74.200	-0.020
74.222	-0.020
74.244	-0.020
74.267	-0.020
74.289	-0.020
74.311	-0.020
74.333	-0.020
74.356	-0.020
74.378	-0.020
74.400	-0.020
74.422	-0.020
74.444	-0.020
74.467	-0.019
74.489	-0.019
74.511	-0.019
74.533	-0.019
74.556	-0.019
74.578	-0.019
74.600	-0.019
74.622	-0.019
74.644	-0.019
74.667	-0.019
74.689	-0.019
74.711	-0.019
74.733	-0.019
74.756	-0.019
74.778	-0.019
74.800	-0.019
74.822	-0.019
74.844	-0.019
74.867	-0.019
74.889	-0.019

74.911	-0.019
74.933	-0.019
74.956	-0.019
74.978	-0.019
75.000	-0.019
75.022	-0.019
75.044	-0.019
75.067	-0.019
75.089	-0.019
75.111	-0.019
75.133	-0.019
75.156	-0.019
75.178	-0.019
75.200	-0.019
75.222	-0.019
75.244	-0.019
75.267	-0.019
75.289	-0.019
75.311	-0.019
75.333	-0.019
75.356	-0.019
75.378	-0.019
75.400	-0.019
75.422	-0.019
75.444	-0.019
75.467	-0.019
75.489	-0.019
75.511	-0.019
75.533	-0.019
75.556	-0.019
75.578	-0.019
75.600	-0.019
75.622	-0.018
75.644	-0.018
75.667	-0.018
75.689	-0.018
75.711	-0.018
75.733	-0.018
75.756	-0.018
75.778	-0.018
75.800	-0.018
75.822	-0.018
75.844	-0.018
75.867	-0.018
75.889	-0.018
75.911	-0.018
75.933	-0.018
75.956	-0.018
75.978	-0.018
76.000	-0.018
76.022	-0.018
76.044	-0.018
76.067	-0.018
76.089	-0.018
76.111	-0.018
76.133	-0.018
76.156	-0.018
76.178	-0.018
76.200	-0.018
76.222	-0.018
76.244	-0.018
76.267	-0.018
76.289	-0.018
76.311	-0.018
76.333	-0.018

76.356	-0.018
76.378	-0.018
76.400	-0.018
76.422	-0.018
76.444	-0.018
76.467	-0.018
76.489	-0.018
76.511	-0.018
76.533	-0.018
76.556	-0.018
76.578	-0.018
76.600	-0.018
76.622	-0.018
76.644	-0.018
76.667	-0.018
76.689	-0.018
76.711	-0.018
76.733	-0.018
76.756	-0.018
76.778	-0.018
76.800	-0.018
76.822	-0.018
76.844	-0.018
76.867	-0.018
76.889	-0.018
76.911	-0.018
76.933	-0.018
76.956	-0.018
76.978	-0.018
77.000	-0.018
77.022	-0.018
77.044	-0.018
77.067	-0.018
77.089	-0.018
77.111	-0.017
77.133	-0.017
77.156	-0.017
77.178	-0.017
77.200	-0.017
77.222	-0.017
77.244	-0.017
77.267	-0.017
77.289	-0.017
77.311	-0.017
77.333	-0.017
77.356	-0.017
77.378	-0.017
77.400	-0.017
77.422	-0.017
77.444	-0.017
77.467	-0.017
77.489	-0.017
77.511	-0.017
77.533	-0.017
77.556	-0.017
77.578	-0.017
77.600	-0.017
77.622	-0.017
77.644	-0.017
77.667	-0.017
77.689	-0.017
77.711	-0.017
77.733	-0.017
77.756	-0.017
77.778	-0.017

77.800	-0.017
77.822	-0.017
77.844	-0.017
77.867	-0.017
77.889	-0.017
77.911	-0.017
77.933	-0.017
77.956	-0.017
77.978	-0.017
78.000	-0.017
78.022	-0.017
78.044	-0.017
78.067	-0.017
78.089	-0.017
78.111	-0.017
78.133	-0.017
78.156	-0.017
78.178	-0.017
78.200	-0.017
78.222	-0.017
78.244	-0.017
78.267	-0.017
78.289	-0.017
78.311	-0.017
78.333	-0.017
78.356	-0.017
78.378	-0.017
78.400	-0.017
78.422	-0.017
78.444	-0.017
78.467	-0.017
78.489	-0.017
78.511	-0.017
78.533	-0.017
78.556	-0.017
78.578	-0.017
78.600	-0.017
78.622	-0.017
78.644	-0.017
78.667	-0.017
78.689	-0.017
78.711	-0.017
78.733	-0.017
78.756	-0.017
78.778	-0.017
78.800	-0.017
78.822	-0.017
78.844	-0.017
78.867	-0.017
78.889	-0.017
78.911	-0.017
78.933	-0.017
78.956	-0.016
78.978	-0.016
79.000	-0.016
79.022	-0.016
79.044	-0.016
79.067	-0.016
79.089	-0.016
79.111	-0.016
79.133	-0.016
79.156	-0.016
79.178	-0.016
79.200	-0.016
79.222	-0.016

79.244	-0.016
79.267	-0.016
79.289	-0.016
79.311	-0.016
79.333	-0.016
79.356	-0.016
79.378	-0.016
79.400	-0.016
79.422	-0.016
79.444	-0.016
79.467	-0.016
79.489	-0.016
79.511	-0.016
79.533	-0.016
79.556	-0.016
79.578	-0.016
79.600	-0.016
79.622	-0.016
79.644	-0.016
79.667	-0.016
79.689	-0.016
79.711	-0.016
79.733	-0.016
79.756	-0.016
79.778	-0.016
79.800	-0.016
79.822	-0.016
79.844	-0.016
79.867	-0.016
79.889	-0.016
79.911	-0.016
79.933	-0.016
79.956	-0.016
79.978	-0.016
80.000	-0.016
80.022	-0.016
80.044	-0.016
80.067	-0.016
80.089	-0.016
80.111	-0.016
80.133	-0.016
80.156	-0.016
80.178	-0.016
80.200	-0.016
80.222	-0.016
80.244	-0.016
80.267	-0.016
80.289	-0.016
80.311	-0.016
80.333	-0.016
80.356	-0.016
80.378	-0.016
80.400	-0.016
80.422	-0.016
80.444	-0.016
80.467	-0.016
80.489	-0.016
80.511	-0.016
80.533	-0.016
80.556	-0.016
80.578	-0.016
80.600	-0.016
80.622	-0.016
80.644	-0.016
80.667	-0.016

80.689	-0.016
80.711	-0.016
80.733	-0.016
80.756	-0.016
80.778	-0.016
80.800	-0.016
80.822	-0.016
80.844	-0.016
80.867	-0.016
80.889	-0.015
80.911	-0.015
80.933	-0.015
80.956	-0.015
80.978	-0.015
81.000	-0.015
81.022	-0.015
81.044	-0.015
81.067	-0.015
81.089	-0.015
81.111	-0.015
81.133	-0.015
81.156	-0.015
81.178	-0.015
81.200	-0.015
81.222	-0.015
81.244	-0.015
81.267	-0.015
81.289	-0.015
81.311	-0.015
81.333	-0.015
81.356	-0.015
81.378	-0.015
81.400	-0.015
81.422	-0.015
81.444	-0.015
81.467	-0.015
81.489	-0.015
81.511	-0.015
81.533	-0.015
81.556	-0.015
81.578	-0.015
81.600	-0.015
81.622	-0.015
81.644	-0.015
81.667	-0.015
81.689	-0.015
81.711	-0.015
81.733	-0.015
81.756	-0.015
81.778	-0.015
81.800	-0.015
81.822	-0.015
81.844	-0.015
81.867	-0.015
81.889	-0.015
81.911	-0.015
81.933	-0.015
81.956	-0.015
81.978	-0.015
82.000	-0.015
82.022	-0.015
82.044	-0.015
82.067	-0.015
82.089	-0.015
82.111	-0.015

82.133	-0.015
82.156	-0.015
82.178	-0.015
82.200	-0.015
82.222	-0.015
82.244	-0.015
82.267	-0.015
82.289	-0.015
82.311	-0.015
82.333	-0.015
82.356	-0.015
82.378	-0.015
82.400	-0.015
82.422	-0.015
82.444	-0.015
82.467	-0.015
82.489	-0.015
82.511	-0.015
82.533	-0.015
82.556	-0.015
82.578	-0.015
82.600	-0.015
82.622	-0.015
82.644	-0.015
82.667	-0.015
82.689	-0.015
82.711	-0.015
82.733	-0.015
82.756	-0.015
82.778	-0.015
82.800	-0.015
82.822	-0.015
82.844	-0.015
82.867	-0.015
82.889	-0.015
82.911	-0.015
82.933	-0.015
82.956	-0.015
82.978	-0.015
83.000	-0.015
83.022	-0.015
83.044	-0.015
83.067	-0.015
83.089	-0.015
83.111	-0.015
83.133	-0.015
83.156	-0.015
83.178	-0.015
83.200	-0.015
83.222	-0.014
83.244	-0.014
83.267	-0.014
83.289	-0.014
83.311	-0.014
83.333	-0.014
83.356	-0.014
83.378	-0.014
83.400	-0.014
83.422	-0.014
83.444	-0.014
83.467	-0.014
83.489	-0.014
83.511	-0.014
83.533	-0.014
83.556	-0.014

83.578	-0.014
83.600	-0.014
83.622	-0.014
83.644	-0.014
83.667	-0.014
83.689	-0.014
83.711	-0.014
83.733	-0.014
83.756	-0.014
83.778	-0.014
83.800	-0.014
83.822	-0.014
83.844	-0.014
83.867	-0.014
83.889	-0.014
83.911	-0.014
83.933	-0.014
83.956	-0.014
83.978	-0.014
84.000	-0.014
84.022	-0.014
84.044	-0.014
84.067	-0.014
84.089	-0.014
84.111	-0.014
84.133	-0.014
84.156	-0.014
84.178	-0.014
84.200	-0.014
84.222	-0.014
84.244	-0.014
84.267	-0.014
84.289	-0.014
84.311	-0.014
84.333	-0.014
84.356	-0.014
84.378	-0.014
84.400	-0.014
84.422	-0.014
84.444	-0.014
84.467	-0.014
84.489	-0.014
84.511	-0.014
84.533	-0.014
84.556	-0.014
84.578	-0.014
84.600	-0.014
84.622	-0.014
84.644	-0.014
84.667	-0.014
84.689	-0.014
84.711	-0.014
84.733	-0.014
84.756	-0.014
84.778	-0.014
84.800	-0.014
84.822	-0.014
84.844	-0.014
84.867	-0.014
84.889	-0.014
84.911	-0.014
84.933	-0.014
84.956	-0.014
84.978	-0.014
85.000	-0.014

85.022	-0.014
85.044	-0.014
85.067	-0.014
85.089	-0.014
85.111	-0.014
85.133	-0.014
85.156	-0.014
85.178	-0.014
85.200	-0.014
85.222	-0.014
85.244	-0.014
85.267	-0.014
85.289	-0.014
85.311	-0.014
85.333	-0.014
85.356	-0.014
85.378	-0.014
85.400	-0.014
85.422	-0.014
85.444	-0.014
85.467	-0.014
85.489	-0.014
85.511	-0.014
85.533	-0.014
85.556	-0.014
85.578	-0.014
85.600	-0.014
85.622	-0.014
85.644	-0.014
85.667	-0.014
85.689	-0.014
85.711	-0.014
85.733	-0.014
85.756	-0.014
85.778	-0.014
85.800	-0.014
85.822	-0.014
85.844	-0.014
85.867	-0.014
85.889	-0.014
85.911	-0.014
85.933	-0.014
85.956	-0.014
85.978	-0.014
86.000	-0.014
86.022	-0.014
86.044	-0.014
86.067	-0.014
86.089	-0.014
86.111	-0.014
86.133	-0.014
86.156	-0.014
86.178	-0.014
86.200	-0.013
86.222	-0.013
86.244	-0.013
86.267	-0.013
86.289	-0.013
86.311	-0.013
86.333	-0.013
86.356	-0.013
86.378	-0.013
86.400	-0.013
86.422	-0.013
86.444	-0.013

86.467	-0.013
86.489	-0.013
86.511	-0.013
86.533	-0.013
86.556	-0.013
86.578	-0.013
86.600	-0.013
86.622	-0.013
86.644	-0.013
86.667	-0.013
86.689	-0.013
86.711	-0.013
86.733	-0.013
86.756	-0.013
86.778	-0.013
86.800	-0.013
86.822	-0.013
86.844	-0.013
86.867	-0.013
86.889	-0.013
86.911	-0.013
86.933	-0.013
86.956	-0.013
86.978	-0.013
87.000	-0.013
87.022	-0.013
87.044	-0.013
87.067	-0.013
87.089	-0.013
87.111	-0.013
87.133	-0.013
87.156	-0.013
87.178	-0.013
87.200	-0.013
87.222	-0.013
87.244	-0.013
87.267	-0.013
87.289	-0.013
87.311	-0.013
87.333	-0.013
87.356	-0.013
87.378	-0.013
87.400	-0.013
87.422	-0.013
87.444	-0.013
87.467	-0.013
87.489	-0.013
87.511	-0.013
87.533	-0.013
87.556	-0.013
87.578	-0.013
87.600	-0.013
87.622	-0.013
87.644	-0.013
87.667	-0.013
87.689	-0.013
87.711	-0.013
87.733	-0.013
87.756	-0.013
87.778	-0.013
87.800	-0.013
87.822	-0.013
87.844	-0.013
87.867	-0.013
87.889	-0.013

87.911	-0.013
87.933	-0.013
87.956	-0.013
87.978	-0.013
88.000	-0.013
88.022	-0.013
88.044	-0.013
88.067	-0.013
88.089	-0.013
88.111	-0.013
88.133	-0.013
88.156	-0.013
88.178	-0.013
88.200	-0.013
88.222	-0.013
88.244	-0.013
88.267	-0.013
88.289	-0.013
88.311	-0.013
88.333	-0.013
88.356	-0.013
88.378	-0.013
88.400	-0.013
88.422	-0.013
88.444	-0.013
88.467	-0.013
88.489	-0.013
88.511	-0.013
88.533	-0.013
88.556	-0.013
88.578	-0.013
88.600	-0.013
88.622	-0.013
88.644	-0.013
88.667	-0.013
88.689	-0.013
88.711	-0.013
88.733	-0.013
88.756	-0.013
88.778	-0.013
88.800	-0.013
88.822	-0.013
88.844	-0.013
88.867	-0.013
88.889	-0.013
88.911	-0.013
88.933	-0.013
88.956	-0.013
88.978	-0.013
89.000	-0.013
89.022	-0.013
89.044	-0.013
89.067	-0.013
89.089	-0.013
89.111	-0.013
89.133	-0.013
89.156	-0.013
89.178	-0.013
89.200	-0.013
89.222	-0.013
89.244	-0.013
89.267	-0.013
89.289	-0.013
89.311	-0.013
89.333	-0.013

89.356	-0.013
89.378	-0.013
89.400	-0.013
89.422	-0.013
89.444	-0.013
89.467	-0.013
89.489	-0.013
89.511	-0.013
89.533	-0.013
89.556	-0.013
89.578	-0.013
89.600	-0.013
89.622	-0.013
89.644	-0.013
89.667	-0.013
89.689	-0.013
89.711	-0.013
89.733	-0.013
89.756	-0.013
89.778	-0.013
89.800	-0.013
89.822	-0.013
89.844	-0.013
89.867	-0.013
89.889	-0.013
89.911	-0.013
89.933	-0.013
89.956	-0.013
89.978	-0.013
90.000	-0.013
90.022	-0.013
90.044	-0.013
90.067	-0.013
90.089	-0.013
90.111	-0.013
90.133	-0.013
90.156	-0.013
90.178	-0.013
90.200	-0.013
90.222	-0.013
90.244	-0.013
90.267	-0.013
90.289	-0.013
90.311	-0.013
90.333	-0.013
90.356	-0.013
90.378	-0.013
90.400	-0.013
90.422	-0.013
90.444	-0.013
90.467	-0.013
90.489	-0.013
90.511	-0.013
90.533	-0.013
90.556	-0.013
90.578	-0.013
90.600	-0.013
90.622	-0.013
90.644	-0.013
90.667	-0.013
90.689	-0.013
90.711	-0.013
90.733	-0.013
90.756	-0.013
90.778	-0.013

90.800	-0.013
90.822	-0.013
90.844	-0.013
90.867	-0.013
90.889	-0.013
90.911	-0.013
90.933	-0.013
90.956	-0.013
90.978	-0.013
91.000	-0.013
91.022	-0.013
91.044	-0.013
91.067	-0.013
91.089	-0.013
91.111	-0.013
91.133	-0.013
91.156	-0.013
91.178	-0.013
91.200	-0.013
91.222	-0.013
91.244	-0.013
91.267	-0.013
91.289	-0.013
91.311	-0.013
91.333	-0.013
91.356	-0.012
91.378	-0.012
91.400	-0.012
91.422	-0.012
91.444	-0.012
91.467	-0.012
91.489	-0.012
91.511	-0.012
91.533	-0.012
91.556	-0.012
91.578	-0.012
91.600	-0.012
91.622	-0.012
91.644	-0.012
91.667	-0.012
91.689	-0.012
91.711	-0.012
91.733	-0.012
91.756	-0.012
91.778	-0.012
91.800	-0.012
91.822	-0.012
91.844	-0.012
91.867	-0.012
91.889	-0.012
91.911	-0.012
91.933	-0.012
91.956	-0.012
91.978	-0.012
92.000	-0.012
92.022	-0.012
92.044	-0.012
92.067	-0.012
92.089	-0.012
92.111	-0.012
92.133	-0.012
92.156	-0.012
92.178	-0.012
92.200	-0.012
92.222	-0.012

92.244	-0.012
92.267	-0.012
92.289	-0.012
92.311	-0.012
92.333	-0.012
92.356	-0.012
92.378	-0.012
92.400	-0.012
92.422	-0.012
92.444	-0.012
92.467	-0.012
92.489	-0.012
92.511	-0.012
92.533	-0.012
92.556	-0.012
92.578	-0.012
92.600	-0.012
92.622	-0.012
92.644	-0.012
92.667	-0.012
92.689	-0.012
92.711	-0.012
92.733	-0.012
92.756	-0.012
92.778	-0.012
92.800	-0.012
92.822	-0.012
92.844	-0.012
92.867	-0.012
92.889	-0.012
92.911	-0.012
92.933	-0.012
92.956	-0.012
92.978	-0.012
93.000	-0.012
93.022	-0.012
93.044	-0.012
93.067	-0.012
93.089	-0.012
93.111	-0.012
93.133	-0.012
93.156	-0.012
93.178	-0.012
93.200	-0.012
93.222	-0.012
93.244	-0.012
93.267	-0.012
93.289	-0.012
93.311	-0.012
93.333	-0.012
93.356	-0.012
93.378	-0.012
93.400	-0.012
93.422	-0.012
93.444	-0.012
93.467	-0.012
93.489	-0.012
93.511	-0.012
93.533	-0.012
93.556	-0.012
93.578	-0.012
93.600	-0.012
93.622	-0.012
93.644	-0.012
93.667	-0.012

93.689	-0.012
93.711	-0.012
93.733	-0.012
93.756	-0.012
93.778	-0.012
93.800	-0.012
93.822	-0.012
93.844	-0.012
93.867	-0.012
93.889	-0.012
93.911	-0.012
93.933	-0.012
93.956	-0.012
93.978	-0.012
94.000	-0.012
94.022	-0.012
94.044	-0.012
94.067	-0.012
94.089	-0.012
94.111	-0.012
94.133	-0.012
94.156	-0.012
94.178	-0.012
94.200	-0.012
94.222	-0.012
94.244	-0.012
94.267	-0.012
94.289	-0.012
94.311	-0.012
94.333	-0.012
94.356	-0.012
94.378	-0.012
94.400	-0.012
94.422	-0.012
94.444	-0.012
94.467	-0.012
94.489	-0.012
94.511	-0.012
94.533	-0.012
94.556	-0.012
94.578	-0.012
94.600	-0.012
94.622	-0.012
94.644	-0.012
94.667	-0.012
94.689	-0.012
94.711	-0.012
94.733	-0.012
94.756	-0.012
94.778	-0.012
94.800	-0.012
94.822	-0.012
94.844	-0.012
94.867	-0.012
94.889	-0.012
94.911	-0.012
94.933	-0.012
94.956	-0.012
94.978	-0.012
95.000	-0.012
95.022	-0.012
95.044	-0.012
95.067	-0.012
95.089	-0.012
95.111	-0.012

95.133	-0.012
95.156	-0.012
95.178	-0.012
95.200	-0.012
95.222	-0.012
95.244	-0.012
95.267	-0.012
95.289	-0.012
95.311	-0.012
95.333	-0.012
95.356	-0.012
95.378	-0.012
95.400	-0.012
95.422	-0.012
95.444	-0.012
95.467	-0.012
95.489	-0.012
95.511	-0.012
95.533	-0.012
95.556	-0.012
95.578	-0.012
95.600	-0.012
95.622	-0.012
95.644	-0.012
95.667	-0.012
95.689	-0.012
95.711	-0.012
95.733	-0.012
95.756	-0.012
95.778	-0.012
95.800	-0.012
95.822	-0.012
95.844	-0.012
95.867	-0.012
95.889	-0.012
95.911	-0.012
95.933	-0.012
95.956	-0.012
95.978	-0.012
96.000	-0.012
96.022	-0.012
96.044	-0.012
96.067	-0.012
96.089	-0.012
96.111	-0.012
96.133	-0.012
96.156	-0.012
96.178	-0.012
96.200	-0.012
96.222	-0.012
96.244	-0.012
96.267	-0.012
96.289	-0.012
96.311	-0.012
96.333	-0.012
96.356	-0.012
96.378	-0.012
96.400	-0.012
96.422	-0.012
96.444	-0.012
96.467	-0.012
96.489	-0.012
96.511	-0.012
96.533	-0.012
96.556	-0.012

96.578	-0.012
96.600	-0.012
96.622	-0.012
96.644	-0.012
96.667	-0.012
96.689	-0.012
96.711	-0.012
96.733	-0.012
96.756	-0.012
96.778	-0.012
96.800	-0.012
96.822	-0.012
96.844	-0.012
96.867	-0.012
96.889	-0.012
96.911	-0.012
96.933	-0.012
96.956	-0.012
96.978	-0.012
97.000	-0.012
97.022	-0.012
97.044	-0.012
97.067	-0.012
97.089	-0.012
97.111	-0.012
97.133	-0.012
97.156	-0.012
97.178	-0.012
97.200	-0.012
97.222	-0.012
97.244	-0.012
97.267	-0.012
97.289	-0.012
97.311	-0.012
97.333	-0.012
97.356	-0.012
97.378	-0.012
97.400	-0.012
97.422	-0.012
97.444	-0.012
97.467	-0.012
97.489	-0.012
97.511	-0.012
97.533	-0.012
97.556	-0.012
97.578	-0.012
97.600	-0.012
97.622	-0.012
97.644	-0.011
97.667	-0.011
97.689	-0.011
97.711	-0.011
97.733	-0.011
97.756	-0.011
97.778	-0.011
97.800	-0.011
97.822	-0.011
97.844	-0.011
97.867	-0.011
97.889	-0.011
97.911	-0.011
97.933	-0.011
97.956	-0.011
97.978	-0.011
98.000	-0.011

98.022	-0.011
98.044	-0.011
98.067	-0.011
98.089	-0.011
98.111	-0.011
98.133	-0.011
98.156	-0.011
98.178	-0.011
98.200	-0.011
98.222	-0.011
98.244	-0.011
98.267	-0.011
98.289	-0.011
98.311	-0.011
98.333	-0.011
98.356	-0.011
98.378	-0.011
98.400	-0.011
98.422	-0.011
98.444	-0.011
98.467	-0.011
98.489	-0.011
98.511	-0.011
98.533	-0.011
98.556	-0.011
98.578	-0.011
98.600	-0.011
98.622	-0.011
98.644	-0.011
98.667	-0.011
98.689	-0.011
98.711	-0.011
98.733	-0.011
98.756	-0.011
98.778	-0.011
98.800	-0.011
98.822	-0.011
98.844	-0.011
98.867	-0.011
98.889	-0.011
98.911	-0.011
98.933	-0.011
98.956	-0.011
98.978	-0.011
99.000	-0.011
99.022	-0.011
99.044	-0.011
99.067	-0.011
99.089	-0.011
99.111	-0.011
99.133	-0.011
99.156	-0.011
99.178	-0.011
99.200	-0.011
99.222	-0.011
99.244	-0.011
99.267	-0.011
99.289	-0.011
99.311	-0.011
99.333	-0.011
99.356	-0.011
99.378	-0.011
99.400	-0.011
99.422	-0.011
99.444	-0.011

99.467	-0.011
99.489	-0.011
99.511	-0.011
99.533	-0.011
99.556	-0.011
99.578	-0.011
99.600	-0.011
99.622	-0.011
99.644	-0.011
99.667	-0.011
99.689	-0.011
99.711	-0.011
99.733	-0.011
99.756	-0.011
99.778	-0.011
99.800	-0.011
99.822	-0.011
99.844	-0.011
99.867	-0.011
99.889	-0.011
99.911	-0.011
99.933	-0.011
99.956	-0.011
99.978	-0.011
100.000	-0.011
100.022	-0.011
100.044	-0.011
100.067	-0.011
100.089	-0.011
100.111	-0.011
100.133	-0.011
100.156	-0.011
100.178	-0.011
100.200	-0.011
100.222	-0.011
100.244	-0.011
100.267	-0.011
100.289	-0.011
100.311	-0.011
100.333	-0.011
100.356	-0.011
100.378	-0.011
100.400	-0.011
100.422	-0.011
100.444	-0.011
100.467	-0.011
100.489	-0.011
100.511	-0.011
100.533	-0.011
100.556	-0.011
100.578	-0.011
100.600	-0.011
100.622	-0.011
100.644	-0.011
100.667	-0.011
100.689	-0.011
100.711	-0.011
100.733	-0.011
100.756	-0.011
100.778	-0.011
100.800	-0.011
100.822	-0.011
100.844	-0.011
100.867	-0.011
100.889	-0.011

100.911	-0.011
100.933	-0.011
100.956	-0.011
100.978	-0.011
101.000	-0.011
101.022	-0.011
101.044	-0.011
101.067	-0.011
101.089	-0.011
101.111	-0.011
101.133	-0.011
101.156	-0.011
101.178	-0.011
101.200	-0.011
101.222	-0.011
101.244	-0.011
101.267	-0.011
101.289	-0.011
101.311	-0.011
101.333	-0.011
101.356	-0.011
101.378	-0.011
101.400	-0.011
101.422	-0.011
101.444	-0.011
101.467	-0.011
101.489	-0.011
101.511	-0.011
101.533	-0.011
101.556	-0.011
101.578	-0.011
101.600	-0.011
101.622	-0.011
101.644	-0.011
101.667	-0.011
101.689	-0.011
101.711	-0.011
101.733	-0.011
101.756	-0.011
101.778	-0.011
101.800	-0.011
101.822	-0.011
101.844	-0.011
101.867	-0.011
101.889	-0.011
101.911	-0.011
101.933	-0.011
101.956	-0.011
101.978	-0.011
102.000	-0.011
102.022	-0.011
102.044	-0.011
102.067	-0.011
102.089	-0.011
102.111	-0.011
102.133	-0.011
102.156	-0.011
102.178	-0.011
102.200	-0.011
102.222	-0.011
102.244	-0.011
102.267	-0.011
102.289	-0.011
102.311	-0.011
102.333	-0.011

102.356	-0.011
102.378	-0.011
102.400	-0.011
102.422	-0.011
102.444	-0.011
102.467	-0.011
102.489	-0.011
102.511	-0.011
102.533	-0.011
102.556	-0.011
102.578	-0.011
102.600	-0.011
102.622	-0.011
102.644	-0.011
102.667	-0.011
102.689	-0.011
102.711	-0.011
102.733	-0.011
102.756	-0.011
102.778	-0.011
102.800	-0.011
102.822	-0.011
102.844	-0.011
102.867	-0.011
102.889	-0.011
102.911	-0.011
102.933	-0.011
102.956	-0.011
102.978	-0.011
103.000	-0.011
103.022	-0.011
103.044	-0.011
103.067	-0.011
103.089	-0.011
103.111	-0.011
103.133	-0.011
103.156	-0.011
103.178	-0.011
103.200	-0.011
103.222	-0.011
103.244	-0.011
103.267	-0.011
103.289	-0.011
103.311	-0.011
103.333	-0.011
103.356	-0.011
103.378	-0.011
103.400	-0.011
103.422	-0.011
103.444	-0.011
103.467	-0.011
103.489	-0.011
103.511	-0.011
103.533	-0.011
103.556	-0.011
103.578	-0.011
103.600	-0.011
103.622	-0.011
103.644	-0.011
103.667	-0.011
103.689	-0.011
103.711	-0.011
103.733	-0.011
103.756	-0.011
103.778	-0.011

103.800	-0.011
103.822	-0.011
103.844	-0.011
103.867	-0.011
103.889	-0.011
103.911	-0.011
103.933	-0.011
103.956	-0.011
103.978	-0.011
104.000	-0.011
104.022	-0.011
104.044	-0.011
104.067	-0.011
104.089	-0.011
104.111	-0.011
104.133	-0.011
104.156	-0.011
104.178	-0.011
104.200	-0.011
104.222	-0.011
104.244	-0.011
104.267	-0.011
104.289	-0.011
104.311	-0.011
104.333	-0.011
104.356	-0.011
104.378	-0.011
104.400	-0.011
104.422	-0.011
104.444	-0.011
104.467	-0.011
104.489	-0.011
104.511	-0.011
104.533	-0.011
104.556	-0.011
104.578	-0.011
104.600	-0.011
104.622	-0.011
104.644	-0.011
104.667	-0.011
104.689	-0.010
104.711	-0.010
104.733	-0.010
104.756	-0.010
104.778	-0.010
104.800	-0.010
104.822	-0.010
104.844	-0.010
104.867	-0.010
104.889	-0.010
104.911	-0.010
104.933	-0.010
104.956	-0.010
104.978	-0.010
105.000	-0.010
105.022	-0.010
105.044	-0.010
105.067	-0.010
105.089	-0.010
105.111	-0.010
105.133	-0.010
105.156	-0.010
105.178	-0.010
105.200	-0.010
105.222	-0.010

105.244	-0.010
105.267	-0.010
105.289	-0.010
105.311	-0.010
105.333	-0.010
105.356	-0.010
105.378	-0.010
105.400	-0.010
105.422	-0.010
105.444	-0.010
105.467	-0.010
105.489	-0.010
105.511	-0.010
105.533	-0.010
105.556	-0.010
105.578	-0.010
105.600	-0.010
105.622	-0.010
105.644	-0.010
105.667	-0.010
105.689	-0.010
105.711	-0.010
105.733	-0.010
105.756	-0.010
105.778	-0.010
105.800	-0.010
105.822	-0.010
105.844	-0.010
105.867	-0.010
105.889	-0.010
105.911	-0.010
105.933	-0.010
105.956	-0.010
105.978	-0.010
106.000	-0.010
106.022	-0.010
106.044	-0.010
106.067	-0.010
106.089	-0.010
106.111	-0.010
106.133	-0.010
106.156	-0.010
106.178	-0.010
106.200	-0.010
106.222	-0.010
106.244	-0.010
106.267	-0.010
106.289	-0.010
106.311	-0.010
106.333	-0.010
106.356	-0.010
106.378	-0.010
106.400	-0.010
106.422	-0.010
106.444	-0.010
106.467	-0.010
106.489	-0.010
106.511	-0.010
106.533	-0.010
106.556	-0.010
106.578	-0.010
106.600	-0.010
106.622	-0.010
106.644	-0.010
106.667	-0.010

106.689	-0.010
106.711	-0.010
106.733	-0.010
106.756	-0.010
106.778	-0.010
106.800	-0.010
106.822	-0.010
106.844	-0.010
106.867	-0.010
106.889	-0.010
106.911	-0.010
106.933	-0.010
106.956	-0.010
106.978	-0.010
107.000	-0.010
107.022	-0.010
107.044	-0.010
107.067	-0.010
107.089	-0.010
107.111	-0.010
107.133	-0.010
107.156	-0.010
107.178	-0.010
107.200	-0.010
107.222	-0.010
107.244	-0.010
107.267	-0.010
107.289	-0.010
107.311	-0.010
107.333	-0.010
107.356	-0.010
107.378	-0.010
107.400	-0.010
107.422	-0.010
107.444	-0.010
107.467	-0.010
107.489	-0.010
107.511	-0.010
107.533	-0.010
107.556	-0.010
107.578	-0.010
107.600	-0.010
107.622	-0.010
107.644	-0.010
107.667	-0.010
107.689	-0.010
107.711	-0.010
107.733	-0.010
107.756	-0.010
107.778	-0.010
107.800	-0.010
107.822	-0.010
107.844	-0.010
107.867	-0.010
107.889	-0.010
107.911	-0.010
107.933	-0.010
107.956	-0.010
107.978	-0.010
108.000	-0.010
108.022	-0.010
108.044	-0.010
108.067	-0.010
108.089	-0.010
108.111	-0.010

108.133	-0.010
108.156	-0.010
108.178	-0.010
108.200	-0.010
108.222	-0.010
108.244	-0.010
108.267	-0.010
108.289	-0.010
108.311	-0.010
108.333	-0.010
108.356	-0.010
108.378	-0.010
108.400	-0.010
108.422	-0.010
108.444	-0.010
108.467	-0.010
108.489	-0.010
108.511	-0.010
108.533	-0.010
108.556	-0.010
108.578	-0.010
108.600	-0.010
108.622	-0.010
108.644	-0.010
108.667	-0.010
108.689	-0.010
108.711	-0.010
108.733	-0.010
108.756	-0.010
108.778	-0.010
108.800	-0.010
108.822	-0.010
108.844	-0.010
108.867	-0.010
108.889	-0.010
108.911	-0.010
108.933	-0.010
108.956	-0.010
108.978	-0.010
109.000	-0.010
109.022	-0.010
109.044	-0.010
109.067	-0.010
109.089	-0.010
109.111	-0.010
109.133	-0.010
109.156	-0.010
109.178	-0.010
109.200	-0.010
109.222	-0.010
109.244	-0.010
109.267	-0.010
109.289	-0.010
109.311	-0.010
109.333	-0.010
109.356	-0.010
109.378	-0.010
109.400	-0.010
109.422	-0.010
109.444	-0.010
109.467	-0.010
109.489	-0.010
109.511	-0.010
109.533	-0.010
109.556	-0.010

109.578	-0.010
109.600	-0.010
109.622	-0.010
109.644	-0.010
109.667	-0.010
109.689	-0.010
109.711	-0.010
109.733	-0.010
109.756	-0.010
109.778	-0.010
109.800	-0.010
109.822	-0.010
109.844	-0.010
109.867	-0.010
109.889	-0.010
109.911	-0.010
109.933	-0.010
109.956	-0.010
109.978	-0.010
110.000	-0.010
110.022	-0.010
110.044	-0.010
110.067	-0.010
110.089	-0.010
110.111	-0.010
110.133	-0.010
110.156	-0.010
110.178	-0.010
110.200	-0.010
110.222	-0.010
110.244	-0.010
110.267	-0.010
110.289	-0.010
110.311	-0.010
110.333	-0.010
110.356	-0.010
110.378	-0.010
110.400	-0.010
110.422	-0.010
110.444	-0.010
110.467	-0.010
110.489	-0.010
110.511	-0.010
110.533	-0.010
110.556	-0.010
110.578	-0.010
110.600	-0.010
110.622	-0.010
110.644	-0.010
110.667	-0.010
110.689	-0.010
110.711	-0.010
110.733	-0.010
110.756	-0.010
110.778	-0.010
110.800	-0.010
110.822	-0.010
110.844	-0.010
110.867	-0.010
110.889	-0.010
110.911	-0.010
110.933	-0.010
110.956	-0.010
110.978	-0.010
111.000	-0.010

111.022	-0.010
111.044	-0.010
111.067	-0.010
111.089	-0.010
111.111	-0.010
111.133	-0.010
111.156	-0.010
111.178	-0.010
111.200	-0.010
111.222	-0.010
111.244	-0.010
111.267	-0.010
111.289	-0.010
111.311	-0.010
111.333	-0.010
111.356	-0.010
111.378	-0.010
111.400	-0.010
111.422	-0.010
111.444	-0.010
111.467	-0.010
111.489	-0.010
111.511	-0.010
111.533	-0.010
111.556	-0.010
111.578	-0.010
111.600	-0.010
111.622	-0.010
111.644	-0.010
111.667	-0.010
111.689	-0.010
111.711	-0.010
111.733	-0.010
111.756	-0.010
111.778	-0.010
111.800	-0.010
111.822	-0.010
111.844	-0.010
111.867	-0.010
111.889	-0.010
111.911	-0.010
111.933	-0.010
111.956	-0.009
111.978	-0.009
112.000	-0.009
112.022	-0.009
112.044	-0.009
112.067	-0.009
112.089	-0.009
112.111	-0.009
112.133	-0.009
112.156	-0.009
112.178	-0.010
112.200	-0.010
112.222	-0.010
112.244	-0.010
112.267	-0.010
112.289	-0.010
112.311	-0.010
112.333	-0.010
112.356	-0.010
112.378	-0.010
112.400	-0.010
112.422	-0.010
112.444	-0.010

112.467	-0.010
112.489	-0.010
112.511	-0.010
112.533	-0.010
112.556	-0.010
112.578	-0.010
112.600	-0.010
112.622	-0.010
112.644	-0.010
112.667	-0.010
112.689	-0.010
112.711	-0.010
112.733	-0.010
112.756	-0.010
112.778	-0.010
112.800	-0.010
112.822	-0.010
112.844	-0.010
112.867	-0.010
112.889	-0.010
112.911	-0.010
112.933	-0.010
112.956	-0.010
112.978	-0.010
113.000	-0.010
113.022	-0.010
113.044	-0.010
113.067	-0.010
113.089	-0.010
113.111	-0.010
113.133	-0.010
113.156	-0.010
113.178	-0.010
113.200	-0.010
113.222	-0.010
113.244	-0.010
113.267	-0.010
113.289	-0.010
113.311	-0.010
113.333	-0.010
113.356	-0.010
113.378	-0.010
113.400	-0.010
113.422	-0.010
113.444	-0.010
113.467	-0.010
113.489	-0.010
113.511	-0.010
113.533	-0.010
113.556	-0.010
113.578	-0.010
113.600	-0.010
113.622	-0.010
113.644	-0.010
113.667	-0.010
113.689	-0.010
113.711	-0.010
113.733	-0.010
113.756	-0.010
113.778	-0.010
113.800	-0.010
113.822	-0.010
113.844	-0.010
113.867	-0.010
113.889	-0.010

113.911	-0.010
113.933	-0.010
113.956	-0.010
113.978	-0.010
114.000	-0.010
114.022	-0.010
114.044	-0.010
114.067	-0.010
114.089	-0.010
114.111	-0.010
114.133	-0.010
114.156	-0.010
114.178	-0.010
114.200	-0.010
114.222	-0.010
114.244	-0.010
114.267	-0.010
114.289	-0.010
114.311	-0.010
114.333	-0.010
114.356	-0.010
114.378	-0.010
114.400	-0.010
114.422	-0.010
114.444	-0.010
114.467	-0.010
114.489	-0.010
114.511	-0.010
114.533	-0.010
114.556	-0.010
114.578	-0.010
114.600	-0.010
114.622	-0.010
114.644	-0.010
114.667	-0.010
114.689	-0.010
114.711	-0.010
114.733	-0.010
114.756	-0.010
114.778	-0.010
114.800	-0.010
114.822	-0.010
114.844	-0.010
114.867	-0.010
114.889	-0.010
114.911	-0.010
114.933	-0.010
114.956	-0.010
114.978	-0.010
115.000	-0.010
115.022	-0.010
115.044	-0.010
115.067	-0.010
115.089	-0.010
115.111	-0.010
115.133	-0.010
115.156	-0.010
115.178	-0.010
115.200	-0.010
115.222	-0.010
115.244	-0.010
115.267	-0.010
115.289	-0.010
115.311	-0.010
115.333	-0.010

115.356	-0.010
115.378	-0.010
115.400	-0.010
115.422	-0.010
115.444	-0.010
115.467	-0.010
115.489	-0.010
115.511	-0.010
115.533	-0.010
115.556	-0.010
115.578	-0.010
115.600	-0.010
115.622	-0.010
115.644	-0.010
115.667	-0.010
115.689	-0.010
115.711	-0.010
115.733	-0.010
115.756	-0.010
115.778	-0.010
115.800	-0.010
115.822	-0.010
115.844	-0.010
115.867	-0.010
115.889	-0.010
115.911	-0.010
115.933	-0.010
115.956	-0.010
115.978	-0.010
116.000	-0.010
116.022	-0.010
116.044	-0.010
116.067	-0.010
116.089	-0.010
116.111	-0.010
116.133	-0.010
116.156	-0.010
116.178	-0.010
116.200	-0.010
116.222	-0.010
116.244	-0.010
116.267	-0.010
116.289	-0.010
116.311	-0.010
116.333	-0.010
116.356	-0.010
116.378	-0.009
116.400	-0.009
116.422	-0.009
116.444	-0.009
116.467	-0.009
116.489	-0.009
116.511	-0.009
116.533	-0.009
116.556	-0.009
116.578	-0.009
116.600	-0.009
116.622	-0.009
116.644	-0.009
116.667	-0.009
116.689	-0.009
116.711	-0.009
116.733	-0.009
116.756	-0.009
116.778	-0.009

116.800	-0.009
116.822	-0.009
116.844	-0.009
116.867	-0.009
116.889	-0.009
116.911	-0.009
116.933	-0.009
116.956	-0.009
116.978	-0.009
117.000	-0.009
117.022	-0.009
117.044	-0.009
117.067	-0.009
117.089	-0.009
117.111	-0.009
117.133	-0.009
117.156	-0.009
117.178	-0.009
117.200	-0.009
117.222	-0.009
117.244	-0.009
117.267	-0.009
117.289	-0.009
117.311	-0.009
117.333	-0.009
117.356	-0.009
117.378	-0.009
117.400	-0.009
117.422	-0.009
117.444	-0.009
117.467	-0.009
117.489	-0.009
117.511	-0.009
117.533	-0.009
117.556	-0.009
117.578	-0.009
117.600	-0.009
117.622	-0.009
117.644	-0.009
117.667	-0.009
117.689	-0.009
117.711	-0.009
117.733	-0.009
117.756	-0.009
117.778	-0.009
117.800	-0.009
117.822	-0.009
117.844	-0.009
117.867	-0.009
117.889	-0.009
117.911	-0.009
117.933	-0.009
117.956	-0.009
117.978	-0.009
118.000	-0.009
118.022	-0.009
118.044	-0.009
118.067	-0.009
118.089	-0.009
118.111	-0.009
118.133	-0.009
118.156	-0.009
118.178	-0.009
118.200	-0.009
118.222	-0.009

118.244	-0.009
118.267	-0.009
118.289	-0.009
118.311	-0.009
118.333	-0.009
118.356	-0.009
118.378	-0.009
118.400	-0.009
118.422	-0.009
118.444	-0.009
118.467	-0.009
118.489	-0.009
118.511	-0.009
118.533	-0.009
118.556	-0.009
118.578	-0.009
118.600	-0.009
118.622	-0.009
118.644	-0.009
118.667	-0.009
118.689	-0.009
118.711	-0.009
118.733	-0.009
118.756	-0.009
118.778	-0.009
118.800	-0.009
118.822	-0.009
118.844	-0.009
118.867	-0.009
118.889	-0.009
118.911	-0.009
118.933	-0.009
118.956	-0.009
118.978	-0.009
119.000	-0.009
119.022	-0.009
119.044	-0.009
119.067	-0.009
119.089	-0.009
119.111	-0.009
119.133	-0.009
119.156	-0.009
119.178	-0.009
119.200	-0.009
119.222	-0.009
119.244	-0.009
119.267	-0.009
119.289	-0.009
119.311	-0.009
119.333	-0.009
119.356	-0.009
119.378	-0.009
119.400	-0.009
119.422	-0.009
119.444	-0.009
119.467	-0.009
119.489	-0.009
119.511	-0.009
119.533	-0.009
119.556	-0.009
119.578	-0.009
119.600	-0.009
119.622	-0.009
119.644	-0.009
119.667	-0.009

119.689	-0.009
119.711	-0.009
119.733	-0.009
119.756	-0.009
119.778	-0.009
119.800	-0.009
119.822	-0.009
119.844	-0.009
119.867	-0.009
119.889	-0.009
119.911	-0.009
119.933	-0.009
119.956	-0.009
119.978	-0.009
120.000	-0.009
120.022	-0.009
120.044	-0.009
120.067	-0.009
120.089	-0.009
120.111	-0.009
120.133	-0.009
120.156	-0.009
120.178	-0.009
120.200	-0.009
120.222	-0.009
120.244	-0.009
120.267	-0.009
120.289	-0.009
120.311	-0.009
120.333	-0.009
120.356	-0.009
120.378	-0.009
120.400	-0.009
120.422	-0.009
120.444	-0.009
120.467	-0.009
120.489	-0.009
120.511	-0.009
120.533	-0.009
120.556	-0.009
120.578	-0.009
120.600	-0.009
120.622	-0.009
120.644	-0.009
120.667	-0.009
120.689	-0.009
120.711	-0.009
120.733	-0.009
120.756	-0.009
120.778	-0.009
120.800	-0.009
120.822	-0.009
120.844	-0.009
120.867	-0.009
120.889	-0.009
120.911	-0.009
120.933	-0.009
120.956	-0.009
120.978	-0.009
121.000	-0.009
121.022	-0.009
121.044	-0.009
121.067	-0.009
121.089	-0.009
121.111	-0.009

121.133	-0.009
121.156	-0.009
121.178	-0.009
121.200	-0.009
121.222	-0.009
121.244	-0.009
121.267	-0.009
121.289	-0.009
121.311	-0.009
121.333	-0.009
121.356	-0.009
121.378	-0.009
121.400	-0.009
121.422	-0.009
121.444	-0.009
121.467	-0.009
121.489	-0.009
121.511	-0.009
121.533	-0.009
121.556	-0.009
121.578	-0.009
121.600	-0.009
121.622	-0.009
121.644	-0.009
121.667	-0.009
121.689	-0.009
121.711	-0.009
121.733	-0.009
121.756	-0.009
121.778	-0.009
121.800	-0.009
121.822	-0.009
121.844	-0.009
121.867	-0.009
121.889	-0.009
121.911	-0.009
121.933	-0.009
121.956	-0.009
121.978	-0.009
122.000	-0.009
122.022	-0.009
122.044	-0.009
122.067	-0.009
122.089	-0.009
122.111	-0.009
122.133	-0.009
122.156	-0.009
122.178	-0.009
122.200	-0.009
122.222	-0.009
122.244	-0.009
122.267	-0.009
122.289	-0.009
122.311	-0.009
122.333	-0.009
122.356	-0.009
122.378	-0.009
122.400	-0.009
122.422	-0.009
122.444	-0.009
122.467	-0.009
122.489	-0.009
122.511	-0.009
122.533	-0.009
122.556	-0.009

122.578	-0.009
122.600	-0.009
122.622	-0.009
122.644	-0.009
122.667	-0.009
122.689	-0.009
122.711	-0.009
122.733	-0.009
122.756	-0.009
122.778	-0.009
122.800	-0.009
122.822	-0.009
122.844	-0.009
122.867	-0.009
122.889	-0.009
122.911	-0.009
122.933	-0.009
122.956	-0.009
122.978	-0.009
123.000	-0.009
123.022	-0.009
123.044	-0.009
123.067	-0.009
123.089	-0.009
123.111	-0.009
123.133	-0.009
123.156	-0.009
123.178	-0.009
123.200	-0.009
123.222	-0.009
123.244	-0.009
123.267	-0.009
123.289	-0.009
123.311	-0.009
123.333	-0.009
123.356	-0.009
123.378	-0.009
123.400	-0.009
123.422	-0.009
123.444	-0.009
123.467	-0.009
123.489	-0.009
123.511	-0.009
123.533	-0.009
123.556	-0.009
123.578	-0.009
123.600	-0.009
123.622	-0.009
123.644	-0.009
123.667	-0.009
123.689	-0.009
123.711	-0.009
123.733	-0.009
123.756	-0.009
123.778	-0.009
123.800	-0.009
123.822	-0.009
123.844	-0.009
123.867	-0.009
123.889	-0.009
123.911	-0.009
123.933	-0.009
123.956	-0.009
123.978	-0.009
124.000	-0.009

124.022	-0.009
124.044	-0.009
124.067	-0.009
124.089	-0.009
124.111	-0.009
124.133	-0.009
124.156	-0.009
124.178	-0.009
124.200	-0.009
124.222	-0.009
124.244	-0.009
124.267	-0.009
124.289	-0.009
124.311	-0.009
124.333	-0.009
124.356	-0.009
124.378	-0.009
124.400	-0.009
124.422	-0.009
124.444	-0.009
124.467	-0.009
124.489	-0.009
124.511	-0.009
124.533	-0.009
124.556	-0.009
124.578	-0.009
124.600	-0.009
124.622	-0.009
124.644	-0.009
124.667	-0.009
124.689	-0.009
124.711	-0.009
124.733	-0.009
124.756	-0.009
124.778	-0.009
124.800	-0.009
124.822	-0.009
124.844	-0.009
124.867	-0.009
124.889	-0.009
124.911	-0.009
124.933	-0.009
124.956	-0.009
124.978	-0.009
125.000	-0.009
125.022	-0.009
125.044	-0.009
125.067	-0.009
125.089	-0.009
125.111	-0.009
125.133	-0.009
125.156	-0.009
125.178	-0.009
125.200	-0.009
125.222	-0.009
125.244	-0.009
125.267	-0.009
125.289	-0.009
125.311	-0.009
125.333	-0.009
125.356	-0.009
125.378	-0.009
125.400	-0.009
125.422	-0.009
125.444	-0.009

125.467	-0.009
125.489	-0.009
125.511	-0.009
125.533	-0.009
125.556	-0.009
125.578	-0.009
125.600	-0.009
125.622	-0.009
125.644	-0.009
125.667	-0.009
125.689	-0.009
125.711	-0.009
125.733	-0.009
125.756	-0.009
125.778	-0.009
125.800	-0.009
125.822	-0.009
125.844	-0.009
125.867	-0.009
125.889	-0.009
125.911	-0.009
125.933	-0.009
125.956	-0.009
125.978	-0.009
126.000	-0.009
126.022	-0.009
126.044	-0.009
126.067	-0.009
126.089	-0.009
126.111	-0.009
126.133	-0.009
126.156	-0.009
126.178	-0.009
126.200	-0.009
126.222	-0.009
126.244	-0.009
126.267	-0.009
126.289	-0.009
126.311	-0.009
126.333	-0.009
126.356	-0.009
126.378	-0.009
126.400	-0.009
126.422	-0.009
126.444	-0.009
126.467	-0.009
126.489	-0.009
126.511	-0.009
126.533	-0.009
126.556	-0.009
126.578	-0.009
126.600	-0.009
126.622	-0.009
126.644	-0.009
126.667	-0.009
126.689	-0.009
126.711	-0.009
126.733	-0.009
126.756	-0.009
126.778	-0.009
126.800	-0.009
126.822	-0.009
126.844	-0.009
126.867	-0.009
126.889	-0.009

126.911	-0.009
126.933	-0.009
126.956	-0.009
126.978	-0.009
127.000	-0.009
127.022	-0.009
127.044	-0.009
127.067	-0.009
127.089	-0.009
127.111	-0.009
127.133	-0.009
127.156	-0.009
127.178	-0.009
127.200	-0.009
127.222	-0.009
127.244	-0.009
127.267	-0.009
127.289	-0.009
127.311	-0.009
127.333	-0.009
127.356	-0.009
127.378	-0.009
127.400	-0.009
127.422	-0.009
127.444	-0.009
127.467	-0.009
127.489	-0.009
127.511	-0.009
127.533	-0.009
127.556	-0.009
127.578	-0.009
127.600	-0.009
127.622	-0.009
127.644	-0.009
127.667	-0.009
127.689	-0.009
127.711	-0.009
127.733	-0.009
127.756	-0.009
127.778	-0.009
127.800	-0.009
127.822	-0.009
127.844	-0.009
127.867	-0.009
127.889	-0.009
127.911	-0.009
127.933	-0.009
127.956	-0.009
127.978	-0.009
128.000	-0.009
128.022	-0.009
128.044	-0.009
128.067	-0.009
128.089	-0.009
128.111	-0.009
128.133	-0.009
128.155	-0.009
128.178	-0.009
128.200	-0.009
128.222	-0.009
128.244	-0.009
128.267	-0.009
128.289	-0.009
128.311	-0.009
128.333	-0.009

128.356	-0.009
128.378	-0.009
128.400	-0.009
128.422	-0.009
128.444	-0.009
128.467	-0.009
128.489	-0.009
128.511	-0.009
128.533	-0.009
128.556	-0.009
128.578	-0.009
128.600	-0.009
128.622	-0.009
128.644	-0.009
128.667	-0.009
128.689	-0.009
128.711	-0.009
128.733	-0.009
128.756	-0.009
128.778	-0.009
128.800	-0.009
128.822	-0.009
128.845	-0.009
128.867	-0.009
128.889	-0.009
128.911	-0.009
128.933	-0.009
128.956	-0.009
128.978	-0.009
129.000	-0.009
129.022	-0.009
129.044	-0.009
129.067	-0.009
129.089	-0.009
129.111	-0.009
129.133	-0.009
129.155	-0.009
129.178	-0.009
129.200	-0.009
129.222	-0.009
129.244	-0.009
129.267	-0.009
129.289	-0.009
129.311	-0.009
129.333	-0.009
129.356	-0.009
129.378	-0.009
129.400	-0.009
129.422	-0.009
129.444	-0.009
129.467	-0.009
129.489	-0.009
129.511	-0.009
129.533	-0.009
129.556	-0.009
129.578	-0.009
129.600	-0.009
129.622	-0.009
129.644	-0.009
129.667	-0.009
129.689	-0.009
129.711	-0.009
129.733	-0.009
129.756	-0.009
129.778	-0.009

129.800	-0.009
129.822	-0.009
129.845	-0.009
129.867	-0.009
129.889	-0.009
129.911	-0.009
129.933	-0.009
129.956	-0.009
129.978	-0.009
130.000	-0.009
130.022	-0.009
130.044	-0.009
130.067	-0.009
130.089	-0.009
130.111	-0.009
130.133	-0.009
130.155	-0.009
130.178	-0.009
130.200	-0.009
130.222	-0.009
130.244	-0.009
130.267	-0.009
130.289	-0.009
130.311	-0.009
130.333	-0.009
130.356	-0.009
130.378	-0.009
130.400	-0.009
130.422	-0.009
130.444	-0.009
130.467	-0.009
130.489	-0.009
130.511	-0.009
130.533	-0.009
130.556	-0.009
130.578	-0.009
130.600	-0.009
130.622	-0.009
130.644	-0.009
130.667	-0.009
130.689	-0.009
130.711	-0.009
130.733	-0.009
130.756	-0.009
130.778	-0.009
130.800	-0.009
130.822	-0.009
130.845	-0.009
130.867	-0.009
130.889	-0.008
130.911	-0.008
130.933	-0.008
130.956	-0.008
130.978	-0.008
131.000	-0.008
131.022	-0.008
131.044	-0.008
131.067	-0.008
131.089	-0.008
131.111	-0.008
131.133	-0.008
131.155	-0.008
131.178	-0.008
131.200	-0.008
131.222	-0.008

131.244	-0.008
131.267	-0.008
131.289	-0.008
131.311	-0.008
131.333	-0.008
131.356	-0.008
131.378	-0.008
131.400	-0.008
131.422	-0.008
131.444	-0.008
131.467	-0.008
131.489	-0.008
131.511	-0.008
131.533	-0.008
131.556	-0.008
131.578	-0.008
131.600	-0.008
131.622	-0.008
131.644	-0.008
131.667	-0.008
131.689	-0.008
131.711	-0.008
131.733	-0.008
131.756	-0.008
131.778	-0.008
131.800	-0.008
131.822	-0.008
131.845	-0.008
131.867	-0.008
131.889	-0.008
131.911	-0.008
131.933	-0.008
131.956	-0.008
131.978	-0.008
132.000	-0.008
132.022	-0.008
132.044	-0.008
132.067	-0.008
132.089	-0.008
132.111	-0.008
132.133	-0.008
132.155	-0.008
132.178	-0.008
132.200	-0.008
132.222	-0.008
132.244	-0.008
132.267	-0.008
132.289	-0.008
132.311	-0.008
132.333	-0.008
132.356	-0.008
132.378	-0.008
132.400	-0.008
132.422	-0.008
132.444	-0.008
132.467	-0.008
132.489	-0.008
132.511	-0.008
132.533	-0.008
132.556	-0.008
132.578	-0.008
132.600	-0.008
132.622	-0.008
132.644	-0.008
132.667	-0.008

132.689	-0.008
132.711	-0.008
132.733	-0.008
132.756	-0.008
132.778	-0.008
132.800	-0.008
132.822	-0.008
132.845	-0.008
132.867	-0.008
132.889	-0.008
132.911	-0.008
132.933	-0.008
132.956	-0.008
132.978	-0.008
133.000	-0.008
133.022	-0.008
133.044	-0.008
133.067	-0.008
133.089	-0.008
133.111	-0.008
133.133	-0.008
133.155	-0.008
133.178	-0.008
133.200	-0.008
133.222	-0.008
133.244	-0.008
133.267	-0.008
133.289	-0.008
133.311	-0.008
133.333	-0.008
133.356	-0.008
133.378	-0.008
133.400	-0.008
133.422	-0.008
133.444	-0.008
133.467	-0.008
133.489	-0.008
133.511	-0.008
133.533	-0.008
133.556	-0.008
133.578	-0.008
133.600	-0.008
133.622	-0.008
133.644	-0.008
133.667	-0.008
133.689	-0.008
133.711	-0.008
133.733	-0.008
133.756	-0.008
133.778	-0.008
133.800	-0.008
133.822	-0.008
133.845	-0.008
133.867	-0.008
133.889	-0.008
133.911	-0.008
133.933	-0.008
133.956	-0.008
133.978	-0.008
134.000	-0.008
134.022	-0.008
134.044	-0.008
134.067	-0.008
134.089	-0.008
134.111	-0.008

134.133	-0.008
134.155	-0.008
134.178	-0.008
134.200	-0.008
134.222	-0.008
134.244	-0.008
134.267	-0.008
134.289	-0.008
134.311	-0.008
134.333	-0.008
134.356	-0.008
134.378	-0.008
134.400	-0.008
134.422	-0.008
134.444	-0.008
134.467	-0.008
134.489	-0.008
134.511	-0.008
134.533	-0.008
134.556	-0.008
134.578	-0.008
134.600	-0.008
134.622	-0.008
134.644	-0.008
134.667	-0.008
134.689	-0.008
134.711	-0.008
134.733	-0.008
134.756	-0.008
134.778	-0.008
134.800	-0.008
134.822	-0.008
134.845	-0.008
134.867	-0.008
134.889	-0.008
134.911	-0.008
134.933	-0.008
134.956	-0.008
134.978	-0.008
135.000	-0.008
135.022	-0.008
135.044	-0.008
135.067	-0.008
135.089	-0.008
135.111	-0.008
135.133	-0.008
135.155	-0.008
135.178	-0.008
135.200	-0.008
135.222	-0.008
135.244	-0.008
135.267	-0.008
135.289	-0.008
135.311	-0.008
135.333	-0.008
135.356	-0.008
135.378	-0.008
135.400	-0.008
135.422	-0.008
135.444	-0.008
135.467	-0.008
135.489	-0.008
135.511	-0.008
135.533	-0.008
135.556	-0.008

135.578	-0.008
135.600	-0.008
135.622	-0.008
135.644	-0.008
135.667	-0.008
135.689	-0.008
135.711	-0.008
135.733	-0.008
135.756	-0.008
135.778	-0.008
135.800	-0.008
135.822	-0.008
135.845	-0.008
135.867	-0.008
135.889	-0.008
135.911	-0.008
135.933	-0.008
135.956	-0.008
135.978	-0.008
136.000	-0.008
136.022	-0.008
136.044	-0.008
136.067	-0.008
136.089	-0.008
136.111	-0.008
136.133	-0.008
136.155	-0.008
136.178	-0.008
136.200	-0.008
136.222	-0.008
136.244	-0.008
136.267	-0.008
136.289	-0.008
136.311	-0.008
136.333	-0.008
136.356	-0.008
136.378	-0.008
136.400	-0.008
136.422	-0.008
136.444	-0.008
136.467	-0.008
136.489	-0.008
136.511	-0.008
136.533	-0.008
136.556	-0.008
136.578	-0.008
136.600	-0.008
136.622	-0.008
136.644	-0.008
136.667	-0.008
136.689	-0.008
136.711	-0.008
136.733	-0.008
136.756	-0.008
136.778	-0.008
136.800	-0.008
136.822	-0.008
136.845	-0.008
136.867	-0.008
136.889	-0.008
136.911	-0.008
136.933	-0.008
136.956	-0.008
136.978	-0.008
137.000	-0.008

137.022	-0.008
137.044	-0.008
137.067	-0.008
137.089	-0.008
137.111	-0.008
137.133	-0.008
137.155	-0.008
137.178	-0.008
137.200	-0.008
137.222	-0.008
137.244	-0.008
137.267	-0.008
137.289	-0.008
137.311	-0.008
137.333	-0.008
137.356	-0.008
137.378	-0.008
137.400	-0.008
137.422	-0.008
137.444	-0.008
137.467	-0.008
137.489	-0.008
137.511	-0.008
137.533	-0.008
137.556	-0.008
137.578	-0.008
137.600	-0.008
137.622	-0.008
137.644	-0.008
137.667	-0.008
137.689	-0.008
137.711	-0.008
137.733	-0.008
137.756	-0.008
137.778	-0.008
137.800	-0.008
137.822	-0.008
137.845	-0.008
137.867	-0.008
137.889	-0.008
137.911	-0.008
137.933	-0.008
137.956	-0.008
137.978	-0.008
138.000	-0.008
138.022	-0.008
138.044	-0.008
138.067	-0.008
138.089	-0.008
138.111	-0.008
138.133	-0.008
138.155	-0.008
138.178	-0.008
138.200	-0.008
138.222	-0.008
138.244	-0.008
138.267	-0.008
138.289	-0.008
138.311	-0.008
138.333	-0.008
138.356	-0.008
138.378	-0.008
138.400	-0.008
138.422	-0.008
138.444	-0.008

138.467	-0.008
138.489	-0.008
138.511	-0.008
138.533	-0.008
138.556	-0.008
138.578	-0.008
138.600	-0.008
138.622	-0.008
138.644	-0.008
138.667	-0.008
138.689	-0.008
138.711	-0.008
138.733	-0.008
138.756	-0.008
138.778	-0.008
138.800	-0.008
138.822	-0.008
138.845	-0.008
138.867	-0.008
138.889	-0.008
138.911	-0.008
138.933	-0.008
138.956	-0.008
138.978	-0.008
139.000	-0.008
139.022	-0.008
139.044	-0.008
139.067	-0.008
139.089	-0.008
139.111	-0.008
139.133	-0.008
139.155	-0.008
139.178	-0.008
139.200	-0.008
139.222	-0.008
139.244	-0.008
139.267	-0.008
139.289	-0.008
139.311	-0.008
139.333	-0.008
139.356	-0.008
139.378	-0.008
139.400	-0.008
139.422	-0.008
139.444	-0.008
139.467	-0.008
139.489	-0.008
139.511	-0.008
139.533	-0.008
139.556	-0.008
139.578	-0.008
139.600	-0.008
139.622	-0.008
139.644	-0.008
139.667	-0.008
139.689	-0.008
139.711	-0.008
139.733	-0.008
139.756	-0.008
139.778	-0.008
139.800	-0.008
139.822	-0.008
139.845	-0.008
139.867	-0.008
139.889	-0.008

139.911	-0.008
139.933	-0.008
139.956	-0.008
139.978	-0.008
140.000	-0.008
140.022	-0.008
140.044	-0.008
140.067	-0.008
140.089	-0.008
140.111	-0.008
140.133	-0.008
140.155	-0.008
140.178	-0.008
140.200	-0.008
140.222	-0.008
140.244	-0.008
140.267	-0.008
140.289	-0.008
140.311	-0.008
140.333	-0.008
140.356	-0.008
140.378	-0.008
140.400	-0.008
140.422	-0.008
140.444	-0.008
140.467	-0.008
140.489	-0.008
140.511	-0.008
140.533	-0.008
140.556	-0.008
140.578	-0.008
140.600	-0.008
140.622	-0.008
140.644	-0.008
140.667	-0.008
140.689	-0.008
140.711	-0.008
140.733	-0.008
140.756	-0.008
140.778	-0.008
140.800	-0.008
140.822	-0.008
140.845	-0.008
140.867	-0.008
140.889	-0.008
140.911	-0.008
140.933	-0.008
140.956	-0.008
140.978	-0.008
141.000	-0.008
141.022	-0.008
141.044	-0.008
141.067	-0.008
141.089	-0.008
141.111	-0.008
141.133	-0.008
141.155	-0.008
141.178	-0.008
141.200	-0.008
141.222	-0.008
141.244	-0.008
141.267	-0.008
141.289	-0.008
141.311	-0.008
141.333	-0.008

141.356	-0.008
141.378	-0.008
141.400	-0.008
141.422	-0.008
141.444	-0.008
141.467	-0.008
141.489	-0.008
141.511	-0.008
141.533	-0.008
141.556	-0.008
141.578	-0.008
141.600	-0.008
141.622	-0.008
141.644	-0.008
141.667	-0.008
141.689	-0.008
141.711	-0.008
141.733	-0.008
141.756	-0.008
141.778	-0.008
141.800	-0.008
141.822	-0.008
141.845	-0.008
141.867	-0.008
141.889	-0.008
141.911	-0.008
141.933	-0.008
141.956	-0.008
141.978	-0.008
142.000	-0.008
142.022	-0.008
142.044	-0.008
142.067	-0.008
142.089	-0.008
142.111	-0.008
142.133	-0.008
142.155	-0.008
142.178	-0.008
142.200	-0.008
142.222	-0.008
142.244	-0.008
142.267	-0.008
142.289	-0.008
142.311	-0.008
142.333	-0.008
142.356	-0.008
142.378	-0.008
142.400	-0.008
142.422	-0.008
142.444	-0.008
142.467	-0.008
142.489	-0.008
142.511	-0.008
142.533	-0.008
142.556	-0.008
142.578	-0.008
142.600	-0.008
142.622	-0.008
142.644	-0.008
142.667	-0.008
142.689	-0.008
142.711	-0.008
142.733	-0.008
142.756	-0.008
142.778	-0.008

142.800	-0.008
142.822	-0.008
142.845	-0.008
142.867	-0.008
142.889	-0.008
142.911	-0.008
142.933	-0.008
142.956	-0.008
142.978	-0.008
143.000	-0.008
143.022	-0.008
143.044	-0.008
143.067	-0.008
143.089	-0.008
143.111	-0.008
143.133	-0.008
143.155	-0.008
143.178	-0.008
143.200	-0.008
143.222	-0.008
143.244	-0.008
143.267	-0.008
143.289	-0.008
143.311	-0.008
143.333	-0.008
143.356	-0.008
143.378	-0.008
143.400	-0.008
143.422	-0.008
143.444	-0.008
143.467	-0.008
143.489	-0.008
143.511	-0.008
143.533	-0.008
143.556	-0.008
143.578	-0.008
143.600	-0.008
143.622	-0.008
143.644	-0.008
143.667	-0.008
143.689	-0.008
143.711	-0.008
143.733	-0.008
143.756	-0.008
143.778	-0.008
143.800	-0.008
143.822	-0.008
143.845	-0.008
143.867	-0.008
143.889	-0.008
143.911	-0.008
143.933	-0.008
143.956	-0.008
143.978	-0.008
144.000	-0.008
144.022	-0.008
144.044	-0.008
144.067	-0.008
144.089	-0.008
144.111	-0.008
144.133	-0.009
144.155	-0.009
144.178	-0.009
144.200	-0.009
144.222	-0.009

144.244	-0.009
144.267	-0.009
144.289	-0.009
144.311	-0.009
144.333	-0.009
144.356	-0.009
144.378	-0.010
144.400	-0.010
144.422	-0.010
144.444	-0.010
144.467	-0.010
144.489	-0.010
144.511	-0.010
144.533	-0.010
144.556	-0.010
144.578	-0.010
144.600	-0.010
144.622	-0.010
144.644	-0.010
144.667	-0.010
144.689	-0.011
144.711	-0.011
144.733	-0.011
144.756	-0.011
144.778	-0.011
144.800	-0.011
144.822	-0.011
144.845	-0.011
144.867	-0.011
144.889	-0.011
144.911	-0.011
144.933	-0.011
144.956	-0.011
144.978	-0.011
145.000	-0.011
145.022	-0.011
145.044	-0.011
145.067	-0.011
145.089	-0.011
145.111	-0.011
145.133	-0.011
145.155	-0.011
145.178	-0.011
145.200	-0.011
145.222	-0.011
145.244	-0.011
145.267	-0.011
145.289	-0.012
145.311	-0.012
145.333	-0.012
145.356	-0.012
145.378	-0.012
145.400	-0.012
145.422	-0.012
145.444	-0.012
145.467	-0.012
145.489	-0.012
145.511	-0.012
145.533	-0.012
145.556	-0.012
145.578	-0.012
145.600	-0.012
145.622	-0.012
145.644	-0.012
145.667	-0.012

145.689	-0.012
145.711	-0.012
145.733	-0.012
145.756	-0.012
145.778	-0.012
145.800	-0.012
145.822	-0.012
145.845	-0.012
145.867	-0.012
145.889	-0.012
145.911	-0.012
145.933	-0.012
145.956	-0.012
145.978	-0.012
146.000	-0.012
146.022	-0.012
146.044	-0.012
146.067	-0.012
146.089	-0.012
146.111	-0.012
146.133	-0.012
146.155	-0.012
146.178	-0.012
146.200	-0.012
146.222	-0.012
146.244	-0.012
146.267	-0.012
146.289	-0.012
146.311	-0.012
146.333	-0.012
146.356	-0.012
146.378	-0.012
146.400	-0.012
146.422	-0.013
146.444	-0.013
146.467	-0.013
146.489	-0.013
146.511	-0.013
146.533	-0.013
146.556	-0.013
146.578	-0.013
146.600	-0.013
146.622	-0.013
146.644	-0.013
146.667	-0.013
146.689	-0.013
146.711	-0.013
146.733	-0.013
146.756	-0.013
146.778	-0.013
146.800	-0.013
146.822	-0.013
146.845	-0.013
146.867	-0.013
146.889	-0.013
146.911	-0.013
146.933	-0.013
146.956	-0.013
146.978	-0.013
147.000	-0.013
147.022	-0.013
147.044	-0.013
147.067	-0.013
147.089	-0.013
147.111	-0.013

147.133	-0.013
147.155	-0.013
147.178	-0.013
147.200	-0.013
147.222	-0.013
147.244	-0.013
147.267	-0.013
147.289	-0.013
147.311	-0.013
147.333	-0.013
147.356	-0.013
147.378	-0.013
147.400	-0.013
147.422	-0.013
147.444	-0.013
147.467	-0.013
147.489	-0.013
147.511	-0.013
147.533	-0.013
147.556	-0.013
147.578	-0.013
147.600	-0.013
147.622	-0.013
147.644	-0.013
147.667	-0.013
147.689	-0.013
147.711	-0.013
147.733	-0.013
147.756	-0.013
147.778	-0.013
147.800	-0.013
147.822	-0.013
147.845	-0.013
147.867	-0.013
147.889	-0.013
147.911	-0.013
147.933	-0.013
147.956	-0.013
147.978	-0.013
148.000	-0.013
148.022	-0.013
148.044	-0.013
148.067	-0.013
148.089	-0.013
148.111	-0.013
148.133	-0.013
148.155	-0.013
148.178	-0.013
148.200	-0.013
148.222	-0.013
148.244	-0.013
148.267	-0.013
148.289	-0.013
148.311	-0.013
148.333	-0.013
148.356	-0.013
148.378	-0.013
148.400	-0.014
148.422	-0.014
148.444	-0.014
148.467	-0.014
148.489	-0.014
148.511	-0.014
148.533	-0.014
148.556	-0.014

148.578	-0.014
148.600	-0.014
148.622	-0.014
148.644	-0.014
148.667	-0.014
148.689	-0.014
148.711	-0.014
148.733	-0.014
148.756	-0.014
148.778	-0.014
148.800	-0.014
148.822	-0.014
148.845	-0.014
148.867	-0.014
148.889	-0.014
148.911	-0.014
148.933	-0.014
148.956	-0.014
148.978	-0.014
149.000	-0.014
149.022	-0.014
149.044	-0.014
149.067	-0.014
149.089	-0.014
149.111	-0.014
149.133	-0.014
149.155	-0.014
149.178	-0.014
149.200	-0.014
149.222	-0.014
149.244	-0.014
149.267	-0.014
149.289	-0.014
149.311	-0.014
149.333	-0.014
149.356	-0.014
149.378	-0.014
149.400	-0.014
149.422	-0.014
149.444	-0.014
149.467	-0.014
149.489	-0.014
149.511	-0.014
149.533	-0.014
149.556	-0.014
149.578	-0.014
149.600	-0.014
149.622	-0.014
149.644	-0.014
149.667	-0.014
149.689	-0.014
149.711	-0.014
149.733	-0.014
149.756	-0.014
149.778	-0.014
149.800	-0.014
149.822	-0.014
149.845	-0.014
149.867	-0.014
149.889	-0.014
149.911	-0.014
149.933	-0.014
149.956	-0.014
149.978	-0.014
150.000	-0.014

150.022	-0.014
150.044	-0.014
150.067	-0.014
150.089	-0.014
150.111	-0.014
150.133	-0.014
150.155	-0.014
150.178	-0.014
150.200	-0.014
150.222	-0.014
150.244	-0.014
150.267	-0.014
150.289	-0.014
150.311	-0.014
150.333	-0.014
150.356	-0.014
150.378	-0.014
150.400	-0.014
150.422	-0.014
150.444	-0.014
150.467	-0.014
150.489	-0.014
150.511	-0.014
150.533	-0.014
150.556	-0.014
150.578	-0.014
150.600	-0.014
150.622	-0.014
150.644	-0.014
150.667	-0.014
150.689	-0.014
150.711	-0.014
150.733	-0.014
150.756	-0.014
150.778	-0.014
150.800	-0.014
150.822	-0.014
150.845	-0.014
150.867	-0.014
150.889	-0.014
150.911	-0.014
150.933	-0.014
150.956	-0.014
150.978	-0.014
151.000	-0.014
151.022	-0.014
151.044	-0.014
151.067	-0.014
151.089	-0.014
151.111	-0.014
151.133	-0.014
151.155	-0.014
151.178	-0.014
151.200	-0.014
151.222	-0.014
151.244	-0.014
151.267	-0.014
151.289	-0.014
151.311	-0.014
151.333	-0.014
151.356	-0.014
151.378	-0.014
151.400	-0.014
151.422	-0.014
151.444	-0.014

151.467	-0.014
151.489	-0.014
151.511	-0.014
151.533	-0.014
151.556	-0.014
151.578	-0.014
151.600	-0.014
151.622	-0.014
151.644	-0.014
151.667	-0.014
151.689	-0.014
151.711	-0.014
151.733	-0.014
151.756	-0.014
151.778	-0.014
151.800	-0.014
151.822	-0.014
151.845	-0.014
151.867	-0.014
151.889	-0.014
151.911	-0.014
151.933	-0.014
151.956	-0.014
151.978	-0.014
152.000	-0.014
152.022	-0.014
152.044	-0.014
152.067	-0.015
152.089	-0.015
152.111	-0.015
152.133	-0.015
152.155	-0.015
152.178	-0.015
152.200	-0.015
152.222	-0.015
152.244	-0.015
152.267	-0.015
152.289	-0.015
152.311	-0.015
152.333	-0.015
152.356	-0.015
152.378	-0.015
152.400	-0.015
152.422	-0.015
152.444	-0.015
152.467	-0.015
152.489	-0.015
152.511	-0.015
152.533	-0.015
152.556	-0.015
152.578	-0.015
152.600	-0.015
152.622	-0.015
152.644	-0.015
152.667	-0.015
152.689	-0.015
152.711	-0.015
152.733	-0.015
152.756	-0.015
152.778	-0.015
152.800	-0.015
152.822	-0.015
152.845	-0.015
152.867	-0.015
152.889	-0.015

152.911	-0.015
152.933	-0.015
152.956	-0.015
152.978	-0.015
153.000	-0.015
153.022	-0.015
153.044	-0.015
153.067	-0.015
153.089	-0.015
153.111	-0.015
153.133	-0.015
153.155	-0.015
153.178	-0.015
153.200	-0.015
153.222	-0.015
153.244	-0.015
153.267	-0.015
153.289	-0.015
153.311	-0.015
153.333	-0.015
153.356	-0.015
153.378	-0.015
153.400	-0.015
153.422	-0.015
153.444	-0.015
153.467	-0.015
153.489	-0.015
153.511	-0.015
153.533	-0.015
153.556	-0.015
153.578	-0.015
153.600	-0.015
153.622	-0.015
153.644	-0.015
153.667	-0.015
153.689	-0.015
153.711	-0.015
153.733	-0.015
153.756	-0.015
153.778	-0.015
153.800	-0.015
153.822	-0.015
153.845	-0.015
153.867	-0.015
153.889	-0.015
153.911	-0.015
153.933	-0.015
153.956	-0.015
153.978	-0.015
154.000	-0.015
154.022	-0.015
154.044	-0.015
154.067	-0.015
154.089	-0.015
154.111	-0.015
154.133	-0.015
154.155	-0.015
154.178	-0.015
154.200	-0.015
154.222	-0.015
154.244	-0.015
154.267	-0.015
154.289	-0.015
154.311	-0.015
154.333	-0.015

154.356	-0.015
154.378	-0.015
154.400	-0.015
154.422	-0.015
154.444	-0.015
154.467	-0.015
154.489	-0.015
154.511	-0.015
154.533	-0.015
154.556	-0.015
154.578	-0.015
154.600	-0.015
154.622	-0.015
154.644	-0.015
154.667	-0.015
154.689	-0.015
154.711	-0.015
154.733	-0.015
154.756	-0.015
154.778	-0.015
154.800	-0.015
154.822	-0.015
154.845	-0.015
154.867	-0.015
154.889	-0.015
154.911	-0.015
154.933	-0.015
154.956	-0.015
154.978	-0.015
155.000	-0.015
155.022	-0.015
155.044	-0.015
155.067	-0.015
155.089	-0.015
155.111	-0.015
155.133	-0.015
155.155	-0.015
155.178	-0.015
155.200	-0.015
155.222	-0.015
155.244	-0.015
155.267	-0.015
155.289	-0.015
155.311	-0.015
155.333	-0.015
155.356	-0.015
155.378	-0.015
155.400	-0.015
155.422	-0.015
155.444	-0.015
155.467	-0.015
155.489	-0.015
155.511	-0.015
155.533	-0.015
155.556	-0.015
155.578	-0.015
155.600	-0.015
155.622	-0.015
155.644	-0.015
155.667	-0.015
155.689	-0.015
155.711	-0.015
155.733	-0.015
155.756	-0.015
155.778	-0.015

155.800	-0.015
155.822	-0.015
155.845	-0.015
155.867	-0.015
155.889	-0.015
155.911	-0.015
155.933	-0.015
155.956	-0.015
155.978	-0.015
156.000	-0.015
156.022	-0.015
156.044	-0.015
156.067	-0.015
156.089	-0.015
156.111	-0.015
156.133	-0.015
156.155	-0.015
156.178	-0.015
156.200	-0.015
156.222	-0.015
156.244	-0.015
156.267	-0.015
156.289	-0.015
156.311	-0.015
156.333	-0.015
156.356	-0.015
156.378	-0.015
156.400	-0.015
156.422	-0.015
156.444	-0.015
156.467	-0.015
156.489	-0.015
156.511	-0.015
156.533	-0.015
156.556	-0.015
156.578	-0.015
156.600	-0.015
156.622	-0.015
156.644	-0.015
156.667	-0.015
156.689	-0.015
156.711	-0.015
156.733	-0.015
156.756	-0.015
156.778	-0.015
156.800	-0.015
156.822	-0.015
156.845	-0.015
156.867	-0.015
156.889	-0.015
156.911	-0.015
156.933	-0.015
156.956	-0.015
156.978	-0.015
157.000	-0.015
157.022	-0.015
157.044	-0.015
157.067	-0.015
157.089	-0.015
157.111	-0.015
157.133	-0.015
157.155	-0.015
157.178	-0.015
157.200	-0.015
157.222	-0.015

157.244	-0.015
157.267	-0.015
157.289	-0.015
157.311	-0.015
157.333	-0.015
157.356	-0.015
157.378	-0.015
157.400	-0.015
157.422	-0.015
157.444	-0.015
157.467	-0.015
157.489	-0.015
157.511	-0.015
157.533	-0.015
157.556	-0.015
157.578	-0.015
157.600	-0.015
157.622	-0.015
157.644	-0.015
157.667	-0.015
157.689	-0.015
157.711	-0.015
157.733	-0.015
157.756	-0.015
157.778	-0.015
157.800	-0.015
157.822	-0.015
157.845	-0.015
157.867	-0.015
157.889	-0.015
157.911	-0.015
157.933	-0.015
157.956	-0.015
157.978	-0.015
158.000	-0.015
158.022	-0.015
158.044	-0.015
158.067	-0.015
158.089	-0.015
158.111	-0.015
158.133	-0.015
158.155	-0.015
158.178	-0.015
158.200	-0.015
158.222	-0.015
158.244	-0.015
158.267	-0.015
158.289	-0.015
158.311	-0.015
158.333	-0.015
158.356	-0.015
158.378	-0.015
158.400	-0.015
158.422	-0.015
158.444	-0.015
158.467	-0.015
158.489	-0.015
158.511	-0.015
158.533	-0.015
158.556	-0.015
158.578	-0.015
158.600	-0.015
158.622	-0.015
158.644	-0.015
158.667	-0.015

158.689	-0.015
158.711	-0.015
158.733	-0.015
158.756	-0.015
158.778	-0.015
158.800	-0.015
158.822	-0.015
158.845	-0.015
158.867	-0.015
158.889	-0.015
158.911	-0.015
158.933	-0.015
158.956	-0.015
158.978	-0.015
159.000	-0.015
159.022	-0.015
159.044	-0.015
159.067	-0.015
159.089	-0.015
159.111	-0.015
159.133	-0.015
159.155	-0.015
159.178	-0.015
159.200	-0.015
159.222	-0.015
159.244	-0.015
159.267	-0.015
159.289	-0.015
159.311	-0.015
159.333	-0.015
159.356	-0.015
159.378	-0.015
159.400	-0.015
159.422	-0.015
159.444	-0.015
159.467	-0.015
159.489	-0.015
159.511	-0.015
159.533	-0.015
159.556	-0.015
159.578	-0.015
159.600	-0.015
159.622	-0.015
159.644	-0.015
159.667	-0.015
159.689	-0.015
159.711	-0.015
159.733	-0.015
159.756	-0.015
159.778	-0.016
159.800	-0.016
159.822	-0.016
159.845	-0.016
159.867	-0.016
159.889	-0.016
159.911	-0.016
159.933	-0.016
159.956	-0.016
159.978	-0.016
160.000	-0.016
160.022	-0.016
160.044	-0.016
160.067	-0.016
160.089	-0.016
160.111	-0.016

160.133	-0.016
160.155	-0.016
160.178	-0.016
160.200	-0.016
160.222	-0.016
160.244	-0.016
160.267	-0.016
160.289	-0.016
160.311	-0.016
160.333	-0.016
160.356	-0.016
160.378	-0.016
160.400	-0.016
160.422	-0.016
160.444	-0.016
160.467	-0.016
160.489	-0.016
160.511	-0.016
160.533	-0.016
160.556	-0.016
160.578	-0.016
160.600	-0.016
160.622	-0.016
160.644	-0.016
160.667	-0.016
160.689	-0.016
160.711	-0.016
160.733	-0.016
160.756	-0.016
160.778	-0.016
160.800	-0.016
160.822	-0.016
160.845	-0.016
160.867	-0.016
160.889	-0.016
160.911	-0.016
160.933	-0.016
160.956	-0.016
160.978	-0.016
161.000	-0.016
161.022	-0.016
161.044	-0.016
161.067	-0.016
161.089	-0.016
161.111	-0.016
161.133	-0.016
161.155	-0.016
161.178	-0.016
161.200	-0.016
161.222	-0.016
161.244	-0.016
161.267	-0.016
161.289	-0.016
161.311	-0.016
161.333	-0.016
161.356	-0.016
161.378	-0.016
161.400	-0.016
161.422	-0.016
161.444	-0.016
161.467	-0.016
161.489	-0.016
161.511	-0.016
161.533	-0.016
161.556	-0.016

161.578	-0.016
161.600	-0.016
161.622	-0.016
161.644	-0.016
161.667	-0.016
161.689	-0.016
161.711	-0.016
161.733	-0.016
161.756	-0.016
161.778	-0.016
161.800	-0.016
161.822	-0.016
161.845	-0.016
161.867	-0.016
161.889	-0.016
161.911	-0.016
161.933	-0.016
161.956	-0.016
161.978	-0.016
162.000	-0.016
162.022	-0.016
162.044	-0.016
162.067	-0.016
162.089	-0.016
162.111	-0.016
162.133	-0.016
162.155	-0.016
162.178	-0.016
162.200	-0.016
162.222	-0.016
162.244	-0.016
162.267	-0.016
162.289	-0.016
162.311	-0.016
162.333	-0.016
162.356	-0.016
162.378	-0.016
162.400	-0.016
162.422	-0.016
162.444	-0.016
162.467	-0.016
162.489	-0.016
162.511	-0.016
162.533	-0.016
162.556	-0.016
162.578	-0.016
162.600	-0.016
162.622	-0.016
162.644	-0.016
162.667	-0.016
162.689	-0.016
162.711	-0.016
162.733	-0.016
162.756	-0.016
162.778	-0.016
162.800	-0.016
162.822	-0.016
162.845	-0.016
162.867	-0.016
162.889	-0.016
162.911	-0.016
162.933	-0.016
162.956	-0.016
162.978	-0.016
163.000	-0.016

163.022	-0.016
163.044	-0.016
163.067	-0.016
163.089	-0.016
163.111	-0.016
163.133	-0.016
163.155	-0.016
163.178	-0.016
163.200	-0.016
163.222	-0.016
163.244	-0.016
163.267	-0.016
163.289	-0.016
163.311	-0.016
163.333	-0.016
163.356	-0.016
163.378	-0.016
163.400	-0.016
163.422	-0.016
163.444	-0.016
163.467	-0.016
163.489	-0.016
163.511	-0.016
163.533	-0.016
163.556	-0.016
163.578	-0.016
163.600	-0.016
163.622	-0.016
163.644	-0.016
163.667	-0.016
163.689	-0.016
163.711	-0.016
163.733	-0.016
163.756	-0.016
163.778	-0.016
163.800	-0.016
163.822	-0.016
163.845	-0.016
163.867	-0.016
163.889	-0.016
163.911	-0.016
163.933	-0.016
163.956	-0.016
163.978	-0.016
164.000	-0.016
164.022	-0.016
164.044	-0.016
164.067	-0.016
164.089	-0.016
164.111	-0.016
164.133	-0.016
164.155	-0.016
164.178	-0.016
164.200	-0.016
164.222	-0.016
164.244	-0.016
164.267	-0.016
164.289	-0.016
164.311	-0.016
164.333	-0.016
164.356	-0.016
164.378	-0.016
164.400	-0.016
164.422	-0.016
164.444	-0.016

164.467	-0.016
164.489	-0.016
164.511	-0.016
164.533	-0.016
164.556	-0.016
164.578	-0.016
164.600	-0.016
164.622	-0.016
164.644	-0.016
164.667	-0.016
164.689	-0.016
164.711	-0.016
164.733	-0.016
164.756	-0.016
164.778	-0.016
164.800	-0.016
164.822	-0.016
164.845	-0.016
164.867	-0.016
164.889	-0.016
164.911	-0.016
164.933	-0.016
164.956	-0.016
164.978	-0.016
165.000	-0.016
165.022	-0.016
165.044	-0.016
165.067	-0.016
165.089	-0.016
165.111	-0.016
165.133	-0.016
165.155	-0.016
165.178	-0.016
165.200	-0.016
165.222	-0.016
165.244	-0.016
165.267	-0.016
165.289	-0.016
165.311	-0.016
165.333	-0.016
165.356	-0.016
165.378	-0.016
165.400	-0.016
165.422	-0.016
165.444	-0.016
165.467	-0.016
165.489	-0.016
165.511	-0.016
165.533	-0.016
165.556	-0.016
165.578	-0.016
165.600	-0.016
165.622	-0.016
165.644	-0.016
165.667	-0.016
165.689	-0.016
165.711	-0.016
165.733	-0.016
165.756	-0.016
165.778	-0.016
165.800	-0.016
165.822	-0.016
165.845	-0.016
165.867	-0.016
165.889	-0.016

165.911	-0.016
165.933	-0.016
165.956	-0.016
165.978	-0.016
166.000	-0.016
166.022	-0.016
166.044	-0.016
166.067	-0.016
166.089	-0.016
166.111	-0.016
166.133	-0.016
166.155	-0.016
166.178	-0.016
166.200	-0.016
166.222	-0.016
166.244	-0.016
166.267	-0.016
166.289	-0.016
166.311	-0.016
166.333	-0.016
166.356	-0.016
166.378	-0.016
166.400	-0.016
166.422	-0.016
166.444	-0.016
166.467	-0.016
166.489	-0.016
166.511	-0.016
166.533	-0.016
166.556	-0.016
166.578	-0.016
166.600	-0.016
166.622	-0.016
166.644	-0.016
166.667	-0.016
166.689	-0.016
166.711	-0.016
166.733	-0.016
166.756	-0.016
166.778	-0.016
166.800	-0.016
166.822	-0.016
166.845	-0.016
166.867	-0.016
166.889	-0.016
166.911	-0.016
166.933	-0.016
166.956	-0.016
166.978	-0.016
167.000	-0.016
167.022	-0.016
167.044	-0.016
167.067	-0.016
167.089	-0.016
167.111	-0.016
167.133	-0.016
167.155	-0.016
167.178	-0.016
167.200	-0.016
167.222	-0.016
167.244	-0.016
167.267	-0.016
167.289	-0.016
167.311	-0.016
167.333	-0.016

167.356	-0.016
167.378	-0.016
167.400	-0.016
167.422	-0.016
167.444	-0.016
167.467	-0.016
167.489	-0.016
167.511	-0.016
167.533	-0.016
167.556	-0.016
167.578	-0.016
167.600	-0.016
167.622	-0.016
167.644	-0.016
167.667	-0.016
167.689	-0.016
167.711	-0.016
167.733	-0.016
167.756	-0.016
167.778	-0.016
167.800	-0.016
167.822	-0.016
167.845	-0.016
167.867	-0.016
167.889	-0.016
167.911	-0.016
167.933	-0.016
167.956	-0.016
167.978	-0.016
168.000	-0.016
168.022	-0.016
168.044	-0.016
168.067	-0.016
168.089	-0.016
168.111	-0.017
168.133	-0.017
168.155	-0.017
168.178	-0.017
168.200	-0.018
168.222	-0.018
168.244	-0.018
168.267	-0.018
168.289	-0.019
168.311	-0.019
168.333	-0.019
168.356	-0.019
168.378	-0.020
168.400	-0.020
168.422	-0.020
168.444	-0.020
168.467	-0.021
168.489	-0.021
168.511	-0.021
168.533	-0.021
168.556	-0.022
168.578	-0.022
168.600	-0.022
168.622	-0.022
168.644	-0.022
168.667	-0.022
168.689	-0.023
168.711	-0.023
168.733	-0.023
168.756	-0.023
168.778	-0.023

168.800	-0.023
168.822	-0.023
168.845	-0.024
168.867	-0.024
168.889	-0.024
168.911	-0.024
168.933	-0.024
168.956	-0.024
168.978	-0.024
169.000	-0.024
169.022	-0.025
169.044	-0.025
169.067	-0.025
169.089	-0.025
169.111	-0.025
169.133	-0.025
169.155	-0.025
169.178	-0.025
169.200	-0.025
169.222	-0.025
169.244	-0.025
169.267	-0.026
169.289	-0.026
169.311	-0.026
169.333	-0.026
169.356	-0.026
169.378	-0.026
169.400	-0.026
169.422	-0.026
169.444	-0.026
169.467	-0.026
169.489	-0.026
169.511	-0.026
169.533	-0.026
169.556	-0.027
169.578	-0.027
169.600	-0.027
169.622	-0.027
169.644	-0.027
169.667	-0.027
169.689	-0.027
169.711	-0.027
169.733	-0.027
169.756	-0.027
169.778	-0.027
169.800	-0.027
169.822	-0.027
169.845	-0.027
169.867	-0.027
169.889	-0.027
169.911	-0.027
169.933	-0.028
169.956	-0.028
169.978	-0.028
170.000	-0.028
170.022	-0.028
170.044	-0.028
170.067	-0.028
170.089	-0.028
170.111	-0.028
170.133	-0.028
170.155	-0.028
170.178	-0.028
170.200	-0.028
170.222	-0.028

170.244	-0.028
170.267	-0.028
170.289	-0.028
170.311	-0.028
170.333	-0.028
170.356	-0.029
170.378	-0.029
170.400	-0.029
170.422	-0.029
170.444	-0.029
170.467	-0.029
170.489	-0.029
170.511	-0.029
170.533	-0.029
170.556	-0.029
170.578	-0.029
170.600	-0.029
170.622	-0.029
170.644	-0.029
170.667	-0.029
170.689	-0.029
170.711	-0.029
170.733	-0.029
170.756	-0.029
170.778	-0.029
170.800	-0.029
170.822	-0.029
170.845	-0.029
170.867	-0.029
170.889	-0.030
170.911	-0.030
170.933	-0.030
170.956	-0.030
170.978	-0.030
171.000	-0.030
171.022	-0.030
171.044	-0.030
171.067	-0.030
171.089	-0.030
171.111	-0.030
171.133	-0.030
171.155	-0.030
171.178	-0.030
171.200	-0.030
171.222	-0.030
171.244	-0.030
171.267	-0.030
171.289	-0.030
171.311	-0.030
171.333	-0.030
171.356	-0.030
171.378	-0.030
171.400	-0.030
171.422	-0.030
171.444	-0.030
171.467	-0.030
171.489	-0.030
171.511	-0.030
171.533	-0.030
171.556	-0.031
171.578	-0.031
171.600	-0.031
171.622	-0.031
171.644	-0.031
171.667	-0.031

171.689	-0.031
171.711	-0.031
171.733	-0.031
171.756	-0.031
171.778	-0.031
171.800	-0.031
171.822	-0.031
171.845	-0.031
171.867	-0.031
171.889	-0.031
171.911	-0.031
171.933	-0.031
171.956	-0.031
171.978	-0.031
172.000	-0.031
172.022	-0.031
172.044	-0.031
172.067	-0.031
172.089	-0.031
172.111	-0.031
172.133	-0.031
172.155	-0.031
172.178	-0.031
172.200	-0.031
172.222	-0.031
172.244	-0.031
172.267	-0.031
172.289	-0.031
172.311	-0.031
172.333	-0.031
172.356	-0.032
172.378	-0.032
172.400	-0.032
172.422	-0.032
172.444	-0.032
172.467	-0.032
172.489	-0.032
172.511	-0.032
172.533	-0.032
172.556	-0.032
172.578	-0.032
172.600	-0.032
172.622	-0.032
172.644	-0.032
172.667	-0.032
172.689	-0.032
172.711	-0.032
172.733	-0.032
172.756	-0.032
172.778	-0.032
172.800	-0.032
172.822	-0.032
172.845	-0.032
172.867	-0.032
172.889	-0.032
172.911	-0.032
172.933	-0.032
172.956	-0.032
172.978	-0.032
173.000	-0.032
173.022	-0.032
173.044	-0.032
173.067	-0.032
173.089	-0.032
173.111	-0.032

173.133	-0.032
173.155	-0.032
173.178	-0.032
173.200	-0.032
173.222	-0.032
173.244	-0.032
173.267	-0.032
173.289	-0.032
173.311	-0.032
173.333	-0.032
173.356	-0.033
173.378	-0.033
173.400	-0.033
173.422	-0.033
173.444	-0.033
173.467	-0.033
173.489	-0.033
173.511	-0.033
173.533	-0.033
173.556	-0.033
173.578	-0.033
173.600	-0.033
173.622	-0.033
173.644	-0.033
173.667	-0.033
173.689	-0.033
173.711	-0.033
173.733	-0.033
173.756	-0.033
173.778	-0.033
173.800	-0.033
173.822	-0.033
173.845	-0.033
173.867	-0.033
173.889	-0.033
173.911	-0.033
173.933	-0.033
173.956	-0.033
173.978	-0.033
174.000	-0.033
174.022	-0.033
174.044	-0.033
174.067	-0.033
174.089	-0.033
174.111	-0.033
174.133	-0.033
174.155	-0.033
174.178	-0.033
174.200	-0.033
174.222	-0.033
174.244	-0.033
174.267	-0.033
174.289	-0.033
174.311	-0.033
174.333	-0.033
174.356	-0.033
174.378	-0.033
174.400	-0.033
174.422	-0.033
174.444	-0.033
174.467	-0.033
174.489	-0.033
174.511	-0.033
174.533	-0.033
174.556	-0.033

174.578	-0.033
174.600	-0.034
174.622	-0.034
174.644	-0.034
174.667	-0.034
174.689	-0.034
174.711	-0.034
174.733	-0.034
174.756	-0.034
174.778	-0.034
174.800	-0.034
174.822	-0.034
174.845	-0.034
174.867	-0.034
174.889	-0.034
174.911	-0.034
174.933	-0.034
174.956	-0.034
174.978	-0.034
175.000	-0.034
175.022	-0.034
175.044	-0.034
175.067	-0.034
175.089	-0.034
175.111	-0.034
175.133	-0.034
175.155	-0.034
175.178	-0.034
175.200	-0.034
175.222	-0.034
175.244	-0.034
175.267	-0.034
175.289	-0.034
175.311	-0.034
175.333	-0.034
175.356	-0.034
175.378	-0.034
175.400	-0.034
175.422	-0.034
175.444	-0.034
175.467	-0.034
175.489	-0.034
175.511	-0.034
175.533	-0.034
175.556	-0.034
175.578	-0.034
175.600	-0.034
175.622	-0.034
175.644	-0.034
175.667	-0.034
175.689	-0.034
175.711	-0.034
175.733	-0.034
175.756	-0.034
175.778	-0.034
175.800	-0.034
175.822	-0.034
175.845	-0.034
175.867	-0.034
175.889	-0.034
175.911	-0.034
175.933	-0.034
175.956	-0.034
175.978	-0.034
176.000	-0.034

176.022	-0.034
176.044	-0.035
176.067	-0.035
176.089	-0.035
176.111	-0.036
176.133	-0.036
176.155	-0.037
176.178	-0.038
176.200	-0.039
176.222	-0.040
176.244	-0.040
176.267	-0.041
176.289	-0.042
176.311	-0.043
176.333	-0.043
176.356	-0.044
176.378	-0.045
176.400	-0.046
176.422	-0.046
176.444	-0.047
176.467	-0.048
176.489	-0.048
176.511	-0.049
176.533	-0.049
176.556	-0.050
176.578	-0.050
176.600	-0.051
176.622	-0.052
176.644	-0.053
176.667	-0.055
176.689	-0.056
176.711	-0.057
176.733	-0.057
176.756	-0.058
176.778	-0.058
176.800	-0.058
176.822	-0.058
176.845	-0.058
176.867	-0.058
176.889	-0.057
176.911	-0.057
176.933	-0.057
176.956	-0.056
176.978	-0.056
177.000	-0.055
177.022	-0.055
177.044	-0.054
177.067	-0.054
177.089	-0.054
177.111	-0.053
177.133	-0.053
177.155	-0.052
177.178	-0.052
177.200	-0.051
177.222	-0.051
177.244	-0.050
177.267	-0.050
177.289	-0.050
177.311	-0.049
177.333	-0.049
177.356	-0.048
177.378	-0.048
177.400	-0.048
177.422	-0.047
177.444	-0.047

177.467	-0.046
177.489	-0.046
177.511	-0.046
177.533	-0.046
177.556	-0.045
177.578	-0.045
177.600	-0.045
177.622	-0.044
177.644	-0.044
177.667	-0.044
177.689	-0.044
177.711	-0.043
177.733	-0.043
177.756	-0.043
177.778	-0.043
177.800	-0.043
177.822	-0.042
177.845	-0.042
177.867	-0.042
177.889	-0.042
177.911	-0.041
177.933	-0.041
177.956	-0.041
177.978	-0.041
178.000	-0.041
178.022	-0.041
178.044	-0.040
178.067	-0.040
178.089	-0.040
178.111	-0.040
178.133	-0.040
178.155	-0.040
178.178	-0.040
178.200	-0.039
178.222	-0.039
178.244	-0.039
178.267	-0.039
178.289	-0.039
178.311	-0.039
178.333	-0.039
178.356	-0.039
178.378	-0.039
178.400	-0.038
178.422	-0.038
178.444	-0.038
178.467	-0.038
178.489	-0.038
178.511	-0.038
178.533	-0.038
178.556	-0.038
178.578	-0.038
178.600	-0.037
178.622	-0.037
178.644	-0.037
178.667	-0.037
178.689	-0.037
178.711	-0.037
178.733	-0.037
178.756	-0.037
178.778	-0.037
178.800	-0.037
178.822	-0.037
178.845	-0.037
178.867	-0.036
178.889	-0.036

178.911	-0.036
178.933	-0.036
178.956	-0.036
178.978	-0.036
179.000	-0.036
179.022	-0.036
179.044	-0.036
179.067	-0.036
179.089	-0.036
179.111	-0.036
179.133	-0.036
179.155	-0.035
179.178	-0.035
179.200	-0.035
179.222	-0.035
179.244	-0.035
179.267	-0.035
179.289	-0.035
179.311	-0.035
179.333	-0.035
179.356	-0.035
179.378	-0.035
179.400	-0.035
179.422	-0.035
179.444	-0.035
179.467	-0.035
179.489	-0.035
179.511	-0.035
179.533	-0.034
179.556	-0.034
179.578	-0.034
179.600	-0.034
179.622	-0.034
179.644	-0.034
179.667	-0.034
179.689	-0.034
179.711	-0.034
179.733	-0.034
179.756	-0.034
179.778	-0.034
179.800	-0.034
179.822	-0.034
179.845	-0.034
179.867	-0.034
179.889	-0.034
179.911	-0.034
179.933	-0.034
179.956	-0.033
179.978	-0.033
180.000	-0.033
180.022	-0.033
180.044	-0.033
180.067	-0.033
180.089	-0.033
180.111	-0.033
180.133	-0.033
180.155	-0.033
180.178	-0.033
180.200	-0.033
180.222	-0.033
180.244	-0.033
180.267	-0.033
180.289	-0.033
180.311	-0.033
180.333	-0.033

180.356	-0.033
180.378	-0.033
180.400	-0.033
180.422	-0.033
180.444	-0.032
180.467	-0.032
180.489	-0.032
180.511	-0.032
180.533	-0.032
180.556	-0.032
180.578	-0.032
180.600	-0.032
180.622	-0.032
180.644	-0.032
180.667	-0.032
180.689	-0.032
180.711	-0.032
180.733	-0.032
180.756	-0.032
180.778	-0.032
180.800	-0.032
180.822	-0.032
180.845	-0.032
180.867	-0.032
180.889	-0.032
180.911	-0.032
180.933	-0.032
180.956	-0.032
180.978	-0.032
181.000	-0.032
181.022	-0.032
181.044	-0.032
181.067	-0.031
181.089	-0.031
181.111	-0.031
181.133	-0.031
181.155	-0.031
181.178	-0.031
181.200	-0.031
181.222	-0.031
181.244	-0.031
181.267	-0.031
181.289	-0.031
181.311	-0.031
181.333	-0.031
181.356	-0.031
181.378	-0.031
181.400	-0.031
181.422	-0.031
181.444	-0.031
181.467	-0.031
181.489	-0.031
181.511	-0.031
181.533	-0.031
181.556	-0.031
181.578	-0.031
181.600	-0.031
181.622	-0.031
181.644	-0.031
181.667	-0.031
181.689	-0.031
181.711	-0.031
181.733	-0.031
181.756	-0.031
181.778	-0.030

181.800	-0.030
181.822	-0.030
181.845	-0.030
181.867	-0.030
181.889	-0.030
181.911	-0.030
181.933	-0.030
181.956	-0.030
181.978	-0.030
182.000	-0.030
182.022	-0.030
182.044	-0.030
182.067	-0.030
182.089	-0.030
182.111	-0.030
182.133	-0.030
182.155	-0.030
182.178	-0.030
182.200	-0.030
182.222	-0.030
182.244	-0.030
182.267	-0.030
182.289	-0.030
182.311	-0.030
182.333	-0.030
182.356	-0.030
182.378	-0.030
182.400	-0.030
182.422	-0.030
182.444	-0.030
182.467	-0.030
182.489	-0.030
182.511	-0.030
182.533	-0.030
182.556	-0.030
182.578	-0.030
182.600	-0.030
182.622	-0.029
182.644	-0.029
182.667	-0.029
182.689	-0.029
182.711	-0.029
182.733	-0.029
182.756	-0.029
182.778	-0.029
182.800	-0.029
182.822	-0.029
182.845	-0.029
182.867	-0.029
182.889	-0.029
182.911	-0.029
182.933	-0.029
182.956	-0.029
182.978	-0.029
183.000	-0.029
183.022	-0.029
183.044	-0.029
183.067	-0.029
183.089	-0.029
183.111	-0.029
183.133	-0.029
183.155	-0.029
183.178	-0.029
183.200	-0.029
183.222	-0.029

183.244	-0.029
183.267	-0.029
183.289	-0.029
183.311	-0.029
183.333	-0.029
183.356	-0.029
183.378	-0.029
183.400	-0.029
183.422	-0.029
183.444	-0.029
183.467	-0.029
183.489	-0.029
183.511	-0.029
183.533	-0.029
183.556	-0.029
183.578	-0.029
183.600	-0.029
183.622	-0.029
183.644	-0.029
183.667	-0.028
183.689	-0.028
183.711	-0.028
183.733	-0.028
183.756	-0.028
183.778	-0.028
183.800	-0.028
183.822	-0.028
183.845	-0.028
183.867	-0.028
183.889	-0.028
183.911	-0.028
183.933	-0.028
183.956	-0.028
183.978	-0.028
184.000	-0.028
184.022	-0.028
184.044	-0.028
184.067	-0.027
184.089	-0.026
184.111	-0.025
184.133	-0.024
184.155	-0.023
184.178	-0.022
184.200	-0.021
184.222	-0.020
184.244	-0.020
184.267	-0.019
184.289	-0.019
184.311	-0.019
184.333	-0.018
184.356	-0.018
184.378	-0.018
184.400	-0.018
184.422	-0.018
184.444	-0.018
184.467	-0.018
184.489	-0.018
184.511	-0.018
184.533	-0.018
184.556	-0.018
184.578	-0.018
184.600	-0.018
184.622	-0.018
184.644	-0.018
184.667	-0.018

184.689	-0.018
184.711	-0.018
184.733	-0.018
184.756	-0.019
184.778	-0.019
184.800	-0.019
184.822	-0.019
184.845	-0.019
184.867	-0.019
184.889	-0.019
184.911	-0.019
184.933	-0.019
184.956	-0.020
184.978	-0.020
185.000	-0.020
185.022	-0.020
185.044	-0.020
185.067	-0.020
185.089	-0.020
185.111	-0.020
185.133	-0.020
185.155	-0.020
185.178	-0.020
185.200	-0.020
185.222	-0.021
185.244	-0.021
185.267	-0.021
185.289	-0.021
185.311	-0.021
185.333	-0.021
185.356	-0.021
185.378	-0.021
185.400	-0.021
185.422	-0.021
185.444	-0.021
185.467	-0.021
185.489	-0.021
185.511	-0.021
185.533	-0.021
185.556	-0.021
185.578	-0.021
185.600	-0.022
185.622	-0.022
185.644	-0.022
185.667	-0.022
185.689	-0.022
185.711	-0.022
185.733	-0.022
185.756	-0.022
185.778	-0.022
185.800	-0.022
185.822	-0.022
185.845	-0.022
185.867	-0.022
185.889	-0.022
185.911	-0.022
185.933	-0.022
185.956	-0.022
185.978	-0.022
186.000	-0.022
186.022	-0.022
186.044	-0.022
186.067	-0.022
186.089	-0.022
186.111	-0.022

186.133	-0.022
186.155	-0.022
186.178	-0.022
186.200	-0.022
186.222	-0.022
186.244	-0.022
186.267	-0.022
186.289	-0.022
186.311	-0.022
186.333	-0.022
186.356	-0.022
186.378	-0.022
186.400	-0.022
186.422	-0.022
186.444	-0.022
186.467	-0.022
186.489	-0.022
186.511	-0.022
186.533	-0.022
186.556	-0.022
186.578	-0.022
186.600	-0.022
186.622	-0.022
186.644	-0.023
186.667	-0.023
186.689	-0.023
186.711	-0.023
186.733	-0.023
186.756	-0.023
186.778	-0.023
186.800	-0.023
186.822	-0.023
186.845	-0.023
186.867	-0.023
186.889	-0.023
186.911	-0.023
186.933	-0.023
186.956	-0.023
186.978	-0.023
187.000	-0.023
187.022	-0.023
187.044	-0.023
187.067	-0.023
187.089	-0.023
187.111	-0.023
187.133	-0.023
187.155	-0.023
187.178	-0.023
187.200	-0.023
187.222	-0.023
187.244	-0.023
187.267	-0.023
187.289	-0.023
187.311	-0.023
187.333	-0.023
187.356	-0.023
187.378	-0.023
187.400	-0.023
187.422	-0.023
187.444	-0.023
187.467	-0.023
187.489	-0.023
187.511	-0.023
187.533	-0.023
187.556	-0.023

187.578	-0.023
187.600	-0.023
187.622	-0.023
187.644	-0.023
187.667	-0.023
187.689	-0.023
187.711	-0.023
187.733	-0.023
187.756	-0.023
187.778	-0.023
187.800	-0.023
187.822	-0.023
187.845	-0.023
187.867	-0.023
187.889	-0.023
187.911	-0.023
187.933	-0.023
187.956	-0.023
187.978	-0.023
188.000	-0.023
188.022	-0.023
188.044	-0.023
188.067	-0.023
188.089	-0.023
188.111	-0.023
188.133	-0.023
188.155	-0.023
188.178	-0.023
188.200	-0.023
188.222	-0.023
188.244	-0.023
188.267	-0.023
188.289	-0.023
188.311	-0.023
188.333	-0.023
188.356	-0.023
188.378	-0.023
188.400	-0.023
188.422	-0.023
188.444	-0.023
188.467	-0.023
188.489	-0.023
188.511	-0.023
188.533	-0.023
188.556	-0.023
188.578	-0.023
188.600	-0.023
188.622	-0.023
188.644	-0.023
188.667	-0.023
188.689	-0.023
188.711	-0.023
188.733	-0.023
188.756	-0.023
188.778	-0.023
188.800	-0.023
188.822	-0.023
188.845	-0.023
188.867	-0.023
188.889	-0.023
188.911	-0.023
188.933	-0.023
188.956	-0.023
188.978	-0.023
189.000	-0.023

189.022	-0.023
189.044	-0.023
189.067	-0.023
189.089	-0.023
189.111	-0.023
189.133	-0.023
189.155	-0.023
189.178	-0.023
189.200	-0.023
189.222	-0.023
189.244	-0.023
189.267	-0.023
189.289	-0.023
189.311	-0.023
189.333	-0.023
189.356	-0.023
189.378	-0.022
189.400	-0.022
189.422	-0.022
189.444	-0.022
189.467	-0.022
189.489	-0.022
189.511	-0.022
189.533	-0.022
189.556	-0.022
189.578	-0.022
189.600	-0.022
189.622	-0.022
189.644	-0.022
189.667	-0.022
189.689	-0.022
189.711	-0.022
189.733	-0.022
189.756	-0.022
189.778	-0.022
189.800	-0.022
189.822	-0.022
189.845	-0.022
189.867	-0.022
189.889	-0.022
189.911	-0.022
189.933	-0.022
189.956	-0.022
189.978	-0.022
190.000	-0.022
190.022	-0.022
190.044	-0.022
190.067	-0.022
190.089	-0.022
190.111	-0.022
190.133	-0.022
190.155	-0.022
190.178	-0.022
190.200	-0.022
190.222	-0.022
190.244	-0.022
190.267	-0.022
190.289	-0.022
190.311	-0.022
190.333	-0.022
190.356	-0.022
190.378	-0.022
190.400	-0.022
190.422	-0.022
190.444	-0.022

190.467	-0.022
190.489	-0.022
190.511	-0.022
190.533	-0.022
190.556	-0.022
190.578	-0.022
190.600	-0.022
190.622	-0.022
190.644	-0.022
190.667	-0.022
190.689	-0.022
190.711	-0.022
190.733	-0.022
190.756	-0.022
190.778	-0.022
190.800	-0.022
190.822	-0.022
190.845	-0.022
190.867	-0.022
190.889	-0.022
190.911	-0.022
190.933	-0.022
190.956	-0.022
190.978	-0.022
191.000	-0.022
191.022	-0.022
191.044	-0.022
191.067	-0.022
191.089	-0.022
191.111	-0.022
191.133	-0.022
191.155	-0.022
191.178	-0.022
191.200	-0.022
191.222	-0.022
191.244	-0.022
191.267	-0.022
191.289	-0.022
191.311	-0.022
191.333	-0.022
191.356	-0.022
191.378	-0.022
191.400	-0.022
191.422	-0.022
191.444	-0.022
191.467	-0.022
191.489	-0.022
191.511	-0.022
191.533	-0.022
191.556	-0.022
191.578	-0.022
191.600	-0.022
191.622	-0.022
191.644	-0.022
191.667	-0.022
191.689	-0.022
191.711	-0.022
191.733	-0.022
191.756	-0.022
191.778	-0.022
191.800	-0.022
191.822	-0.022
191.845	-0.022
191.867	-0.022
191.889	-0.022

191.911	-0.022
191.933	-0.022
191.956	-0.022
191.978	-0.022
192.000	-0.022
192.022	-0.022
192.044	-0.022
192.067	-0.022
192.089	-0.022
192.111	-0.022
192.133	-0.022
192.155	-0.022
192.178	-0.022
192.200	-0.021
192.222	-0.021
192.244	-0.021
192.267	-0.021
192.289	-0.021
192.311	-0.021
192.333	-0.021
192.356	-0.021
192.378	-0.021
192.400	-0.021
192.422	-0.021
192.444	-0.021
192.467	-0.021
192.489	-0.021
192.511	-0.021
192.533	-0.021
192.556	-0.021
192.578	-0.021
192.600	-0.021
192.622	-0.021
192.644	-0.021
192.667	-0.021
192.689	-0.021
192.711	-0.021
192.733	-0.021
192.756	-0.021
192.778	-0.021
192.800	-0.021
192.822	-0.021
192.845	-0.021
192.867	-0.021
192.889	-0.021
192.911	-0.021
192.933	-0.021
192.956	-0.021
192.978	-0.021
193.000	-0.021
193.022	-0.021
193.044	-0.021
193.067	-0.021
193.089	-0.021
193.111	-0.021
193.133	-0.021
193.155	-0.021
193.178	-0.021
193.200	-0.021
193.222	-0.021
193.244	-0.021
193.267	-0.021
193.289	-0.021
193.311	-0.021
193.333	-0.021

193.356	-0.021
193.378	-0.021
193.400	-0.021
193.422	-0.021
193.444	-0.021
193.467	-0.021
193.489	-0.021
193.511	-0.021
193.533	-0.021
193.556	-0.021
193.578	-0.021
193.600	-0.021
193.622	-0.021
193.644	-0.021
193.667	-0.021
193.689	-0.021
193.711	-0.021
193.733	-0.021
193.756	-0.021
193.778	-0.021
193.800	-0.021
193.822	-0.021
193.845	-0.021
193.867	-0.021
193.889	-0.021
193.911	-0.021
193.933	-0.021
193.956	-0.021
193.978	-0.021
194.000	-0.021
194.022	-0.021
194.044	-0.021
194.067	-0.021
194.089	-0.021
194.111	-0.021
194.133	-0.021
194.155	-0.021
194.178	-0.021
194.200	-0.021
194.222	-0.021
194.244	-0.021
194.267	-0.021
194.289	-0.021
194.311	-0.021
194.333	-0.021
194.356	-0.021
194.378	-0.021
194.400	-0.021
194.422	-0.021
194.444	-0.021
194.467	-0.021
194.489	-0.021
194.511	-0.021
194.533	-0.021
194.556	-0.021
194.578	-0.021
194.600	-0.021
194.622	-0.021
194.644	-0.021
194.667	-0.021
194.689	-0.021
194.711	-0.021
194.733	-0.021
194.756	-0.021
194.778	-0.021

194.800	-0.021
194.822	-0.021
194.845	-0.021
194.867	-0.021
194.889	-0.021
194.911	-0.021
194.933	-0.021
194.956	-0.021
194.978	-0.021
195.000	-0.021
195.022	-0.021
195.044	-0.021
195.067	-0.021
195.089	-0.021
195.111	-0.021
195.133	-0.021
195.155	-0.021
195.178	-0.021
195.200	-0.021
195.222	-0.021
195.244	-0.021
195.267	-0.021
195.289	-0.021
195.311	-0.021
195.333	-0.021
195.356	-0.021
195.378	-0.021
195.400	-0.021
195.422	-0.021
195.444	-0.021
195.467	-0.021
195.489	-0.021
195.511	-0.021
195.533	-0.021
195.556	-0.021
195.578	-0.021
195.600	-0.021
195.622	-0.021
195.644	-0.021
195.667	-0.021
195.689	-0.021
195.711	-0.021
195.733	-0.021
195.756	-0.021
195.778	-0.021
195.800	-0.021
195.822	-0.021
195.845	-0.021
195.867	-0.021
195.889	-0.021
195.911	-0.021
195.933	-0.021
195.956	-0.021
195.978	-0.021
196.000	-0.021
196.022	-0.021
196.044	-0.021
196.067	-0.021
196.089	-0.021
196.111	-0.021
196.133	-0.021
196.155	-0.021
196.178	-0.021
196.200	-0.021
196.222	-0.021

196.244	-0.021
196.267	-0.021
196.289	-0.021
196.311	-0.021
196.333	-0.021
196.356	-0.021
196.378	-0.021
196.400	-0.021
196.422	-0.021
196.444	-0.021
196.467	-0.021
196.489	-0.021
196.511	-0.021
196.533	-0.021
196.556	-0.021
196.578	-0.021
196.600	-0.021
196.622	-0.021
196.644	-0.021
196.667	-0.021
196.689	-0.021
196.711	-0.021
196.733	-0.021
196.756	-0.021
196.778	-0.021
196.800	-0.021
196.822	-0.021
196.845	-0.021
196.867	-0.021
196.889	-0.021
196.911	-0.021
196.933	-0.021
196.956	-0.021
196.978	-0.020
197.000	-0.020
197.022	-0.020
197.044	-0.020
197.067	-0.020
197.089	-0.020
197.111	-0.020
197.133	-0.020
197.155	-0.020
197.178	-0.020
197.200	-0.020
197.222	-0.020
197.244	-0.020
197.267	-0.020
197.289	-0.020
197.311	-0.020
197.333	-0.020
197.356	-0.020
197.378	-0.020
197.400	-0.020
197.422	-0.020
197.444	-0.020
197.467	-0.020
197.489	-0.020
197.511	-0.020
197.533	-0.020
197.556	-0.020
197.578	-0.020
197.600	-0.020
197.622	-0.020
197.644	-0.020
197.667	-0.020

197.689	-0.020
197.711	-0.020
197.733	-0.020
197.756	-0.020
197.778	-0.020
197.800	-0.020
197.822	-0.020
197.845	-0.020
197.867	-0.020
197.889	-0.020
197.911	-0.020
197.933	-0.020
197.956	-0.020
197.978	-0.020
198.000	-0.020
198.022	-0.020
198.044	-0.020
198.067	-0.020
198.089	-0.020
198.111	-0.020
198.133	-0.020
198.155	-0.020
198.178	-0.020
198.200	-0.020
198.222	-0.020
198.244	-0.020
198.267	-0.020
198.289	-0.020
198.311	-0.020
198.333	-0.020
198.356	-0.020
198.378	-0.020
198.400	-0.020
198.422	-0.020
198.444	-0.020
198.467	-0.020
198.489	-0.020
198.511	-0.020
198.533	-0.020
198.556	-0.020
198.578	-0.020
198.600	-0.020
198.622	-0.020
198.644	-0.020
198.667	-0.020
198.689	-0.020
198.711	-0.020
198.733	-0.020
198.756	-0.020
198.778	-0.020
198.800	-0.020
198.822	-0.020
198.845	-0.020
198.867	-0.020
198.889	-0.020
198.911	-0.020
198.933	-0.020
198.956	-0.020
198.978	-0.020
199.000	-0.020
199.022	-0.020
199.044	-0.020
199.067	-0.020
199.089	-0.020
199.111	-0.020

199.133	-0.020
199.155	-0.020
199.178	-0.020
199.200	-0.020
199.222	-0.020
199.244	-0.020
199.267	-0.020
199.289	-0.020
199.311	-0.020
199.333	-0.020
199.356	-0.020
199.378	-0.020
199.400	-0.020
199.422	-0.020
199.444	-0.020
199.467	-0.020
199.489	-0.020
199.511	-0.020
199.533	-0.020
199.556	-0.020
199.578	-0.020
199.600	-0.020
199.622	-0.020
199.644	-0.020
199.667	-0.020
199.689	-0.020
199.711	-0.020
199.733	-0.020
199.756	-0.020
199.778	-0.020
199.800	-0.020
199.822	-0.020
199.845	-0.020
199.867	-0.020
199.889	-0.020
199.911	-0.020
199.933	-0.020
199.956	-0.020
199.978	-0.020
200.000	-0.020
200.022	-0.020
200.044	-0.020
200.067	-0.020
200.089	-0.020
200.111	-0.020
200.133	-0.020
200.155	-0.020
200.178	-0.020
200.200	-0.020
200.222	-0.020
200.244	-0.020
200.267	-0.020
200.289	-0.020
200.311	-0.020
200.333	-0.020
200.356	-0.020
200.378	-0.020
200.400	-0.020
200.422	-0.020
200.444	-0.020
200.467	-0.020
200.489	-0.020
200.511	-0.020
200.533	-0.020
200.556	-0.020

200.578	-0.020
200.600	-0.020
200.622	-0.020
200.644	-0.020
200.667	-0.020
200.689	-0.020
200.711	-0.020
200.733	-0.020
200.756	-0.020
200.778	-0.020
200.800	-0.020
200.822	-0.020
200.845	-0.020
200.867	-0.020
200.889	-0.020
200.911	-0.020
200.933	-0.020
200.956	-0.020
200.978	-0.020
201.000	-0.020
201.022	-0.020
201.044	-0.020
201.067	-0.020
201.089	-0.020
201.111	-0.020
201.133	-0.020
201.155	-0.020
201.178	-0.020
201.200	-0.020
201.222	-0.020
201.244	-0.020
201.267	-0.020
201.289	-0.020
201.311	-0.020
201.333	-0.020
201.356	-0.020
201.378	-0.020
201.400	-0.020
201.422	-0.020
201.444	-0.020
201.467	-0.020
201.489	-0.020
201.511	-0.020
201.533	-0.020
201.556	-0.020
201.578	-0.020
201.600	-0.020
201.622	-0.020
201.644	-0.020
201.667	-0.020
201.689	-0.020
201.711	-0.020
201.733	-0.020
201.756	-0.020
201.778	-0.020
201.800	-0.020
201.822	-0.020
201.845	-0.020
201.867	-0.020
201.889	-0.020
201.911	-0.020
201.933	-0.020
201.956	-0.020
201.978	-0.020
202.000	-0.020

202.022	-0.020
202.044	-0.020
202.067	-0.020
202.089	-0.020
202.111	-0.020
202.133	-0.020
202.155	-0.020
202.178	-0.020
202.200	-0.020
202.222	-0.020
202.244	-0.020
202.267	-0.020
202.289	-0.020
202.311	-0.020
202.333	-0.020
202.356	-0.020
202.378	-0.020
202.400	-0.020
202.422	-0.020
202.444	-0.020
202.467	-0.020
202.489	-0.020
202.511	-0.020
202.533	-0.020
202.556	-0.020
202.578	-0.020
202.600	-0.020
202.622	-0.020
202.644	-0.020
202.667	-0.020
202.689	-0.020
202.711	-0.020
202.733	-0.020
202.756	-0.020
202.778	-0.020
202.800	-0.020
202.822	-0.020
202.845	-0.020
202.867	-0.020
202.889	-0.020
202.911	-0.020
202.933	-0.020
202.956	-0.020
202.978	-0.020
203.000	-0.020
203.022	-0.020
203.044	-0.020
203.067	-0.020
203.089	-0.020
203.111	-0.020
203.133	-0.020
203.155	-0.020
203.178	-0.020
203.200	-0.020
203.222	-0.020
203.244	-0.020
203.267	-0.020
203.289	-0.020
203.311	-0.020
203.333	-0.020
203.356	-0.020
203.378	-0.020
203.400	-0.020
203.422	-0.020
203.444	-0.020

203.467	-0.020
203.489	-0.020
203.511	-0.020
203.533	-0.020
203.556	-0.020
203.578	-0.020
203.600	-0.020
203.622	-0.020
203.644	-0.019
203.667	-0.019
203.689	-0.019
203.711	-0.019
203.733	-0.019
203.756	-0.019
203.778	-0.019
203.800	-0.019
203.822	-0.019
203.845	-0.019
203.867	-0.019
203.889	-0.019
203.911	-0.019
203.933	-0.019
203.956	-0.019
203.978	-0.019
204.000	-0.019
204.022	-0.019
204.044	-0.019
204.067	-0.019
204.089	-0.019
204.111	-0.019
204.133	-0.019
204.155	-0.019
204.178	-0.019
204.200	-0.019
204.222	-0.019
204.244	-0.019
204.267	-0.019
204.289	-0.019
204.311	-0.019
204.333	-0.019
204.356	-0.019
204.378	-0.019
204.400	-0.019
204.422	-0.019
204.444	-0.019
204.467	-0.019
204.489	-0.019
204.511	-0.019
204.533	-0.019
204.556	-0.019
204.578	-0.019
204.600	-0.019
204.622	-0.019
204.644	-0.019
204.667	-0.019
204.689	-0.019
204.711	-0.019
204.733	-0.019
204.756	-0.019
204.778	-0.019
204.800	-0.019
204.822	-0.019
204.845	-0.019
204.867	-0.019
204.889	-0.019

204.911	-0.019
204.933	-0.019
204.956	-0.019
204.978	-0.019
205.000	-0.019
205.022	-0.019
205.044	-0.019
205.067	-0.019
205.089	-0.019
205.111	-0.019
205.133	-0.019
205.155	-0.019
205.178	-0.019
205.200	-0.019
205.222	-0.019
205.244	-0.019
205.267	-0.019
205.289	-0.019
205.311	-0.019
205.333	-0.019
205.356	-0.019
205.378	-0.019
205.400	-0.019
205.422	-0.019
205.444	-0.019
205.467	-0.019
205.489	-0.019
205.511	-0.019
205.533	-0.019
205.556	-0.019
205.578	-0.019
205.600	-0.019
205.622	-0.019
205.644	-0.019
205.667	-0.019
205.689	-0.019
205.711	-0.019
205.733	-0.019
205.756	-0.019
205.778	-0.019
205.800	-0.019
205.822	-0.019
205.845	-0.019
205.867	-0.019
205.889	-0.019
205.911	-0.019
205.933	-0.019
205.956	-0.019
205.978	-0.019
206.000	-0.019
206.022	-0.019
206.044	-0.019
206.067	-0.019
206.089	-0.019
206.111	-0.019
206.133	-0.019
206.155	-0.019
206.178	-0.019
206.200	-0.019
206.222	-0.019
206.244	-0.019
206.267	-0.019
206.289	-0.019
206.311	-0.019
206.333	-0.019

206.356	-0.019
206.378	-0.019
206.400	-0.019
206.422	-0.019
206.444	-0.019
206.467	-0.019
206.489	-0.019
206.511	-0.019
206.533	-0.019
206.556	-0.019
206.578	-0.019
206.600	-0.019
206.622	-0.019
206.644	-0.019
206.667	-0.019
206.689	-0.019
206.711	-0.019
206.733	-0.019
206.756	-0.019
206.778	-0.019
206.800	-0.019
206.822	-0.019
206.845	-0.019
206.867	-0.019
206.889	-0.019
206.911	-0.019
206.933	-0.019
206.956	-0.019
206.978	-0.019
207.000	-0.019
207.022	-0.019
207.044	-0.019
207.067	-0.019
207.089	-0.019
207.111	-0.019
207.133	-0.019
207.155	-0.019
207.178	-0.019
207.200	-0.019
207.222	-0.019
207.244	-0.019
207.267	-0.019
207.289	-0.019
207.311	-0.019
207.333	-0.019
207.356	-0.019
207.378	-0.019
207.400	-0.019
207.422	-0.019
207.444	-0.019
207.467	-0.019
207.489	-0.019
207.511	-0.019
207.533	-0.019
207.556	-0.019
207.578	-0.019
207.600	-0.019
207.622	-0.019
207.644	-0.019
207.667	-0.019
207.689	-0.019
207.711	-0.019
207.733	-0.019
207.756	-0.019
207.778	-0.019

207.800	-0.019
207.822	-0.019
207.845	-0.019
207.867	-0.019
207.889	-0.019
207.911	-0.019
207.933	-0.019
207.956	-0.019
207.978	-0.019
208.000	-0.019
208.022	-0.019
208.044	-0.019
208.067	-0.019
208.089	-0.019
208.111	-0.019
208.133	-0.019
208.155	-0.019
208.178	-0.019
208.200	-0.019
208.222	-0.019
208.244	-0.019
208.267	-0.019
208.289	-0.019
208.311	-0.019
208.333	-0.019
208.356	-0.019
208.378	-0.019
208.400	-0.019
208.422	-0.019
208.444	-0.019
208.467	-0.019
208.489	-0.019
208.511	-0.019
208.533	-0.019
208.556	-0.019
208.578	-0.019
208.600	-0.019
208.622	-0.019
208.644	-0.019
208.667	-0.019
208.689	-0.019
208.711	-0.019
208.733	-0.019
208.756	-0.019
208.778	-0.019
208.800	-0.019
208.822	-0.019
208.845	-0.019
208.867	-0.019
208.889	-0.019
208.911	-0.019
208.933	-0.019
208.956	-0.019
208.978	-0.019
209.000	-0.019
209.022	-0.019
209.044	-0.019
209.067	-0.019
209.089	-0.019
209.111	-0.019
209.133	-0.019
209.155	-0.019
209.178	-0.019
209.200	-0.019
209.222	-0.019

209.244	-0.019
209.267	-0.019
209.289	-0.019
209.311	-0.019
209.333	-0.019
209.356	-0.019
209.378	-0.019
209.400	-0.019
209.422	-0.019
209.444	-0.019
209.467	-0.019
209.489	-0.019
209.511	-0.019
209.533	-0.019
209.556	-0.019
209.578	-0.019
209.600	-0.019
209.622	-0.019
209.644	-0.019
209.667	-0.019
209.689	-0.019
209.711	-0.019
209.733	-0.019
209.756	-0.019
209.778	-0.019
209.800	-0.019
209.822	-0.019
209.845	-0.019
209.867	-0.019
209.889	-0.019
209.911	-0.019
209.933	-0.019
209.956	-0.019
209.978	-0.019
210.000	-0.019
210.022	-0.019
210.044	-0.019
210.067	-0.019
210.089	-0.019
210.111	-0.019
210.133	-0.019
210.155	-0.019
210.178	-0.019
210.200	-0.019
210.222	-0.019
210.244	-0.019
210.267	-0.019
210.289	-0.019
210.311	-0.019
210.333	-0.019
210.356	-0.019
210.378	-0.019
210.400	-0.019
210.422	-0.019
210.444	-0.019
210.467	-0.019
210.489	-0.019
210.511	-0.019
210.533	-0.019
210.556	-0.019
210.578	-0.019
210.600	-0.019
210.622	-0.019
210.644	-0.019
210.667	-0.019

210.689	-0.019
210.711	-0.019
210.733	-0.019
210.756	-0.019
210.778	-0.019
210.800	-0.019
210.822	-0.019
210.845	-0.019
210.867	-0.019
210.889	-0.019
210.911	-0.019
210.933	-0.019
210.956	-0.019
210.978	-0.019
211.000	-0.019
211.022	-0.019
211.044	-0.019
211.067	-0.019
211.089	-0.019
211.111	-0.019
211.133	-0.019
211.155	-0.019
211.178	-0.019
211.200	-0.019
211.222	-0.019
211.244	-0.019
211.267	-0.019
211.289	-0.019
211.311	-0.019
211.333	-0.019
211.356	-0.019
211.378	-0.019
211.400	-0.019
211.422	-0.019
211.444	-0.019
211.467	-0.019
211.489	-0.019
211.511	-0.019
211.533	-0.019
211.556	-0.019
211.578	-0.019
211.600	-0.019
211.622	-0.019
211.644	-0.019
211.667	-0.019
211.689	-0.019
211.711	-0.019
211.733	-0.019
211.756	-0.019
211.778	-0.019
211.800	-0.019
211.822	-0.019
211.845	-0.019
211.867	-0.019
211.889	-0.018
211.911	-0.018
211.933	-0.018
211.956	-0.018
211.978	-0.018
212.000	-0.018
212.022	-0.018
212.044	-0.018
212.067	-0.018
212.089	-0.018
212.111	-0.018

212.133	-0.018
212.155	-0.018
212.178	-0.018
212.200	-0.018
212.222	-0.018
212.244	-0.018
212.267	-0.018
212.289	-0.018
212.311	-0.018
212.333	-0.018
212.356	-0.018
212.378	-0.018
212.400	-0.018
212.422	-0.018
212.444	-0.018
212.467	-0.018
212.489	-0.018
212.511	-0.018
212.533	-0.018
212.556	-0.018
212.578	-0.018
212.600	-0.018
212.622	-0.018
212.644	-0.018
212.667	-0.018
212.689	-0.018
212.711	-0.018
212.733	-0.018
212.756	-0.018
212.778	-0.018
212.800	-0.018
212.822	-0.018
212.845	-0.018
212.867	-0.018
212.889	-0.018
212.911	-0.018
212.933	-0.018
212.956	-0.018
212.978	-0.018
213.000	-0.018
213.022	-0.018
213.044	-0.018
213.067	-0.018
213.089	-0.018
213.111	-0.018
213.133	-0.018
213.155	-0.018
213.178	-0.018
213.200	-0.018
213.222	-0.018
213.244	-0.018
213.267	-0.018
213.289	-0.018
213.311	-0.018
213.333	-0.018
213.356	-0.018
213.378	-0.018
213.400	-0.018
213.422	-0.018
213.444	-0.018
213.467	-0.018
213.489	-0.018
213.511	-0.018
213.533	-0.018
213.556	-0.018

213.578	-0.018
213.600	-0.018
213.622	-0.018
213.644	-0.018
213.667	-0.018
213.689	-0.018
213.711	-0.018
213.733	-0.018
213.756	-0.018
213.778	-0.018
213.800	-0.018
213.822	-0.018
213.845	-0.018
213.867	-0.018
213.889	-0.018
213.911	-0.018
213.933	-0.018
213.956	-0.018
213.978	-0.018
214.000	-0.018
214.022	-0.018
214.044	-0.018
214.067	-0.018
214.089	-0.018
214.111	-0.018
214.133	-0.018
214.155	-0.018
214.178	-0.018
214.200	-0.018
214.222	-0.018
214.244	-0.018
214.267	-0.018
214.289	-0.018
214.311	-0.018
214.333	-0.018
214.356	-0.018
214.378	-0.018
214.400	-0.018
214.422	-0.018
214.444	-0.018
214.467	-0.018
214.489	-0.018
214.511	-0.018
214.533	-0.018
214.556	-0.018
214.578	-0.018
214.600	-0.018
214.622	-0.018
214.644	-0.018
214.667	-0.018
214.689	-0.018
214.711	-0.018
214.733	-0.018
214.756	-0.018
214.778	-0.018
214.800	-0.018
214.822	-0.018
214.845	-0.018
214.867	-0.018
214.889	-0.018
214.911	-0.018
214.933	-0.018
214.956	-0.018
214.978	-0.018
215.000	-0.018

215.022	-0.018
215.044	-0.018
215.067	-0.018
215.089	-0.018
215.111	-0.018
215.133	-0.018
215.155	-0.018
215.178	-0.018
215.200	-0.018
215.222	-0.018
215.244	-0.018
215.267	-0.018
215.289	-0.018
215.311	-0.018
215.333	-0.018
215.356	-0.018
215.378	-0.018
215.400	-0.018
215.422	-0.018
215.444	-0.018
215.467	-0.018
215.489	-0.018
215.511	-0.018
215.533	-0.018
215.556	-0.018
215.578	-0.018
215.600	-0.018
215.622	-0.018
215.644	-0.018
215.667	-0.018
215.689	-0.018
215.711	-0.018
215.733	-0.018
215.756	-0.018
215.778	-0.018
215.800	-0.018
215.822	-0.018
215.845	-0.018
215.867	-0.018
215.889	-0.018
215.911	-0.018
215.933	-0.018
215.956	-0.018
215.978	-0.018
216.000	-0.018
216.022	-0.018
216.044	-0.018
216.067	-0.018
216.089	-0.018
216.111	-0.018
216.133	-0.018
216.155	-0.018
216.178	-0.018
216.200	-0.018
216.222	-0.017
216.244	-0.017
216.267	-0.017
216.289	-0.017
216.311	-0.017
216.333	-0.017
216.356	-0.017
216.378	-0.017
216.400	-0.017
216.422	-0.017
216.444	-0.017

216.467	-0.017
216.489	-0.017
216.511	-0.017
216.533	-0.017
216.556	-0.017
216.578	-0.017
216.600	-0.017
216.622	-0.017
216.644	-0.017
216.667	-0.017
216.689	-0.017
216.711	-0.017
216.733	-0.017
216.756	-0.017
216.778	-0.017
216.800	-0.017
216.822	-0.017
216.845	-0.017
216.867	-0.017
216.889	-0.017
216.911	-0.017
216.933	-0.017
216.956	-0.017
216.978	-0.017
217.000	-0.017
217.022	-0.017
217.044	-0.017
217.067	-0.017
217.089	-0.017
217.111	-0.017
217.133	-0.017
217.155	-0.017
217.178	-0.017
217.200	-0.017
217.222	-0.017
217.244	-0.017
217.267	-0.017
217.289	-0.017
217.311	-0.017
217.333	-0.017
217.356	-0.017
217.378	-0.017
217.400	-0.017
217.422	-0.017
217.444	-0.017
217.467	-0.017
217.489	-0.017
217.511	-0.017
217.533	-0.017
217.556	-0.017
217.578	-0.017
217.600	-0.017
217.622	-0.017
217.644	-0.017
217.667	-0.017
217.689	-0.017
217.711	-0.017
217.733	-0.017
217.756	-0.017
217.778	-0.017
217.800	-0.017
217.822	-0.017
217.845	-0.017
217.867	-0.017
217.889	-0.017

217.911	-0.017
217.933	-0.017
217.956	-0.017
217.978	-0.017
218.000	-0.017
218.022	-0.017
218.044	-0.017
218.067	-0.017
218.089	-0.017
218.111	-0.017
218.133	-0.017
218.155	-0.017
218.178	-0.017
218.200	-0.017
218.222	-0.017
218.244	-0.017
218.267	-0.017
218.289	-0.017
218.311	-0.017
218.333	-0.017
218.356	-0.017
218.378	-0.017
218.400	-0.017
218.422	-0.017
218.444	-0.017
218.467	-0.017
218.489	-0.017
218.511	-0.017
218.533	-0.017
218.556	-0.017
218.578	-0.017
218.600	-0.017
218.622	-0.017
218.644	-0.017
218.667	-0.017
218.689	-0.017
218.711	-0.017
218.733	-0.017
218.756	-0.017
218.778	-0.017
218.800	-0.017
218.822	-0.017
218.845	-0.017
218.867	-0.017
218.889	-0.017
218.911	-0.017
218.933	-0.017
218.956	-0.017
218.978	-0.017
219.000	-0.017
219.022	-0.017
219.044	-0.017
219.067	-0.017
219.089	-0.017
219.111	-0.017
219.133	-0.017
219.155	-0.017
219.178	-0.017
219.200	-0.017
219.222	-0.017
219.244	-0.017
219.267	-0.017
219.289	-0.017
219.311	-0.017
219.333	-0.017

219.356	-0.017
219.378	-0.017
219.400	-0.017
219.422	-0.017
219.444	-0.017
219.467	-0.017
219.489	-0.017
219.511	-0.017
219.533	-0.017
219.556	-0.017
219.578	-0.017
219.600	-0.017
219.622	-0.017
219.644	-0.017
219.667	-0.017
219.689	-0.017
219.711	-0.017
219.733	-0.017
219.756	-0.017
219.778	-0.017
219.800	-0.017
219.822	-0.017
219.845	-0.017
219.867	-0.017
219.889	-0.017
219.911	-0.017
219.933	-0.017
219.956	-0.017
219.978	-0.017
220.000	-0.017
220.022	-0.017
220.044	-0.017
220.067	-0.017
220.089	-0.017
220.111	-0.017
220.133	-0.017
220.155	-0.017
220.178	-0.017
220.200	-0.017
220.222	-0.017
220.244	-0.017
220.267	-0.017
220.289	-0.017
220.311	-0.017
220.333	-0.017
220.356	-0.017
220.378	-0.017
220.400	-0.017
220.422	-0.017
220.444	-0.017
220.467	-0.017
220.489	-0.017
220.511	-0.017
220.533	-0.017
220.556	-0.017
220.578	-0.017
220.600	-0.017
220.622	-0.017
220.644	-0.017
220.667	-0.017
220.689	-0.017
220.711	-0.017
220.733	-0.017
220.756	-0.017
220.778	-0.017

220.800	-0.017
220.822	-0.017
220.845	-0.017
220.867	-0.017
220.889	-0.017
220.911	-0.016
220.933	-0.016
220.956	-0.016
220.978	-0.016
221.000	-0.016
221.022	-0.016
221.044	-0.016
221.067	-0.016
221.089	-0.016
221.111	-0.016
221.133	-0.016
221.155	-0.016
221.178	-0.016
221.200	-0.016
221.222	-0.016
221.244	-0.016
221.267	-0.016
221.289	-0.016
221.311	-0.016
221.333	-0.016
221.356	-0.016
221.378	-0.016
221.400	-0.016
221.422	-0.016
221.444	-0.016
221.467	-0.016
221.489	-0.016
221.511	-0.016
221.533	-0.016
221.556	-0.016
221.578	-0.016
221.600	-0.016
221.622	-0.016
221.644	-0.016
221.667	-0.016
221.689	-0.016
221.711	-0.016
221.733	-0.016
221.756	-0.016
221.778	-0.016
221.800	-0.016
221.822	-0.016
221.845	-0.016
221.867	-0.016
221.889	-0.016
221.911	-0.016
221.933	-0.016
221.956	-0.016
221.978	-0.016
222.000	-0.016
222.022	-0.016
222.044	-0.016
222.067	-0.016
222.089	-0.016
222.111	-0.016
222.133	-0.016
222.155	-0.016
222.178	-0.016
222.200	-0.016
222.222	-0.016

222.244	-0.016
222.267	-0.016
222.289	-0.016
222.311	-0.016
222.333	-0.016
222.356	-0.016
222.378	-0.016
222.400	-0.016
222.422	-0.016
222.444	-0.016
222.467	-0.016
222.489	-0.016
222.511	-0.016
222.533	-0.016
222.556	-0.016
222.578	-0.016
222.600	-0.016
222.622	-0.016
222.644	-0.016
222.667	-0.016
222.689	-0.016
222.711	-0.016
222.733	-0.016
222.756	-0.016
222.778	-0.016
222.800	-0.016
222.822	-0.016
222.845	-0.016
222.867	-0.016
222.889	-0.016
222.911	-0.016
222.933	-0.016
222.956	-0.016
222.978	-0.016
223.000	-0.016
223.022	-0.016
223.044	-0.016
223.067	-0.016
223.089	-0.016
223.111	-0.016
223.133	-0.016
223.155	-0.016
223.178	-0.016
223.200	-0.016
223.222	-0.016
223.244	-0.016
223.267	-0.016
223.289	-0.016
223.311	-0.016
223.333	-0.016
223.356	-0.016
223.378	-0.016
223.400	-0.016
223.422	-0.016
223.444	-0.016
223.467	-0.016
223.489	-0.016
223.511	-0.016
223.533	-0.016
223.556	-0.016
223.578	-0.016
223.600	-0.016
223.622	-0.016
223.644	-0.016
223.667	-0.016

223.689	-0.016
223.711	-0.016
223.733	-0.016
223.756	-0.016
223.778	-0.016
223.800	-0.016
223.822	-0.016
223.845	-0.016
223.867	-0.016
223.889	-0.016
223.911	-0.016
223.933	-0.016
223.956	-0.016
223.978	-0.016
224.000	-0.016
224.022	-0.016
224.044	-0.016
224.067	-0.016
224.089	-0.016
224.111	-0.016
224.133	-0.016
224.155	-0.016
224.178	-0.016
224.200	-0.016
224.222	-0.016
224.244	-0.016
224.267	-0.016
224.289	-0.016
224.311	-0.016
224.333	-0.016
224.356	-0.016
224.378	-0.016
224.400	-0.016
224.422	-0.016
224.444	-0.016
224.467	-0.016
224.489	-0.016
224.511	-0.016
224.533	-0.016
224.556	-0.016
224.578	-0.016
224.600	-0.016
224.622	-0.016
224.644	-0.016
224.667	-0.016
224.689	-0.016
224.711	-0.016
224.733	-0.016
224.756	-0.016
224.778	-0.016
224.800	-0.016
224.822	-0.016
224.845	-0.016
224.867	-0.016
224.889	-0.016
224.911	-0.016
224.933	-0.016
224.956	-0.016
224.978	-0.016
225.000	-0.016
225.022	-0.016
225.044	-0.016
225.067	-0.016
225.089	-0.016
225.111	-0.016

225.133	-0.016
225.155	-0.016
225.178	-0.016
225.200	-0.016
225.222	-0.016
225.244	-0.016
225.267	-0.016
225.289	-0.016
225.311	-0.016
225.333	-0.016
225.356	-0.016
225.378	-0.016
225.400	-0.016
225.422	-0.016
225.444	-0.016
225.467	-0.016
225.489	-0.016
225.511	-0.016
225.533	-0.016
225.556	-0.016
225.578	-0.016
225.600	-0.016
225.622	-0.016
225.644	-0.016
225.667	-0.016
225.689	-0.016
225.711	-0.016
225.733	-0.016
225.756	-0.016
225.778	-0.016
225.800	-0.016
225.822	-0.016
225.845	-0.016
225.867	-0.016
225.889	-0.016
225.911	-0.016
225.933	-0.016
225.956	-0.016
225.978	-0.016
226.000	-0.016
226.022	-0.016
226.044	-0.016
226.067	-0.016
226.089	-0.016
226.111	-0.016
226.133	-0.016
226.155	-0.016
226.178	-0.016
226.200	-0.016
226.222	-0.016
226.244	-0.016
226.267	-0.016
226.289	-0.016
226.311	-0.016
226.333	-0.016
226.356	-0.016
226.378	-0.016
226.400	-0.016
226.422	-0.016
226.444	-0.016
226.467	-0.016
226.489	-0.016
226.511	-0.016
226.533	-0.016
226.556	-0.016

226.578	-0.016
226.600	-0.016
226.622	-0.016
226.644	-0.016
226.667	-0.016
226.689	-0.016
226.711	-0.016
226.733	-0.016
226.756	-0.016
226.778	-0.016
226.800	-0.016
226.822	-0.016
226.845	-0.016
226.867	-0.016
226.889	-0.016
226.911	-0.016
226.933	-0.016
226.956	-0.016
226.978	-0.016
227.000	-0.016
227.022	-0.016
227.044	-0.016
227.067	-0.016
227.089	-0.016
227.111	-0.016
227.133	-0.016
227.155	-0.016
227.178	-0.016
227.200	-0.016
227.222	-0.016
227.244	-0.016
227.267	-0.016
227.289	-0.016
227.311	-0.016
227.333	-0.016
227.356	-0.016
227.378	-0.016
227.400	-0.016
227.422	-0.016
227.444	-0.016
227.467	-0.016
227.489	-0.016
227.511	-0.016
227.533	-0.016
227.556	-0.016
227.578	-0.016
227.600	-0.016
227.622	-0.016
227.644	-0.016
227.667	-0.016
227.689	-0.016
227.711	-0.016
227.733	-0.016
227.756	-0.016
227.778	-0.016
227.800	-0.016
227.822	-0.016
227.845	-0.016
227.867	-0.016
227.889	-0.016
227.911	-0.016
227.933	-0.016
227.956	-0.016
227.978	-0.016
228.000	-0.016

228.022	-0.016
228.044	-0.016
228.067	-0.016
228.089	-0.016
228.111	-0.016
228.133	-0.016
228.155	-0.016
228.178	-0.016
228.200	-0.016
228.222	-0.016
228.244	-0.016
228.267	-0.016
228.289	-0.016
228.311	-0.016
228.333	-0.016
228.356	-0.016
228.378	-0.016
228.400	-0.016
228.422	-0.016
228.444	-0.016
228.467	-0.016
228.489	-0.016
228.511	-0.016
228.533	-0.016
228.556	-0.016
228.578	-0.016
228.600	-0.016
228.622	-0.016
228.644	-0.016
228.667	-0.016
228.689	-0.016
228.711	-0.016
228.733	-0.016
228.756	-0.016
228.778	-0.016
228.800	-0.016
228.822	-0.016
228.845	-0.016
228.867	-0.016
228.889	-0.016
228.911	-0.016
228.933	-0.016
228.956	-0.016
228.978	-0.016
229.000	-0.016
229.022	-0.016
229.044	-0.016
229.067	-0.016
229.089	-0.016
229.111	-0.016
229.133	-0.016
229.155	-0.016
229.178	-0.016
229.200	-0.016
229.222	-0.016
229.244	-0.016
229.267	-0.016
229.289	-0.016
229.311	-0.016
229.333	-0.016
229.356	-0.016
229.378	-0.016
229.400	-0.016
229.422	-0.016
229.444	-0.016

229.467	-0.016
229.489	-0.016
229.511	-0.016
229.533	-0.016
229.556	-0.016
229.578	-0.016
229.600	-0.016
229.622	-0.016
229.644	-0.016
229.667	-0.016
229.689	-0.016
229.711	-0.016
229.733	-0.016
229.756	-0.016
229.778	-0.016
229.800	-0.016
229.822	-0.016
229.845	-0.016
229.867	-0.016
229.889	-0.016
229.911	-0.016
229.933	-0.016
229.956	-0.016
229.978	-0.016
230.000	-0.016
230.022	-0.016
230.044	-0.016
230.067	-0.016
230.089	-0.016
230.111	-0.016
230.133	-0.016
230.155	-0.016
230.178	-0.016
230.200	-0.016
230.222	-0.016
230.244	-0.016
230.267	-0.016
230.289	-0.016
230.311	-0.016
230.333	-0.016
230.356	-0.016
230.378	-0.016
230.400	-0.016
230.422	-0.016
230.444	-0.016
230.467	-0.016
230.489	-0.016
230.511	-0.016
230.533	-0.016
230.556	-0.016
230.578	-0.016
230.600	-0.016
230.622	-0.016
230.644	-0.016
230.667	-0.016
230.689	-0.016
230.711	-0.016
230.733	-0.016
230.756	-0.016
230.778	-0.016
230.800	-0.016
230.822	-0.016
230.845	-0.016
230.867	-0.016
230.889	-0.016

230.911	-0.016
230.933	-0.016
230.956	-0.016
230.978	-0.016
231.000	-0.016
231.022	-0.016
231.044	-0.016
231.067	-0.016
231.089	-0.016
231.111	-0.016
231.133	-0.016
231.155	-0.016
231.178	-0.016
231.200	-0.016
231.222	-0.016
231.244	-0.016
231.267	-0.016
231.289	-0.016
231.311	-0.016
231.333	-0.016
231.356	-0.016
231.378	-0.016
231.400	-0.016
231.422	-0.016
231.444	-0.016
231.467	-0.016
231.489	-0.016
231.511	-0.016
231.533	-0.016
231.556	-0.016
231.578	-0.016
231.600	-0.016
231.622	-0.016
231.644	-0.016
231.667	-0.016
231.689	-0.016
231.711	-0.016
231.733	-0.016
231.756	-0.016
231.778	-0.016
231.800	-0.016
231.822	-0.016
231.845	-0.016
231.867	-0.016
231.889	-0.016
231.911	-0.016
231.933	-0.016
231.956	-0.016
231.978	-0.016
232.000	-0.016
232.022	-0.016
232.044	-0.016
232.067	-0.016
232.089	-0.016
232.111	-0.016
232.133	-0.016
232.155	-0.016
232.178	-0.016
232.200	-0.016
232.222	-0.016
232.244	-0.016
232.267	-0.016
232.289	-0.016
232.311	-0.016
232.333	-0.016

232.356	-0.016
232.378	-0.016
232.400	-0.016
232.422	-0.016
232.444	-0.016
232.467	-0.016
232.489	-0.016
232.511	-0.016
232.533	-0.016
232.556	-0.016
232.578	-0.016
232.600	-0.016
232.622	-0.016
232.644	-0.016
232.667	-0.016
232.689	-0.016
232.711	-0.016
232.733	-0.016
232.756	-0.016
232.778	-0.016
232.800	-0.016
232.822	-0.016
232.845	-0.016
232.867	-0.016
232.889	-0.016
232.911	-0.016
232.933	-0.016
232.956	-0.016
232.978	-0.016
233.000	-0.016
233.022	-0.016
233.044	-0.016
233.067	-0.016
233.089	-0.016
233.111	-0.016
233.133	-0.016
233.155	-0.016
233.178	-0.016
233.200	-0.016
233.222	-0.016
233.244	-0.016
233.267	-0.016
233.289	-0.016
233.311	-0.016
233.333	-0.016
233.356	-0.016
233.378	-0.016
233.400	-0.016
233.422	-0.016
233.444	-0.016
233.467	-0.016
233.489	-0.016
233.511	-0.016
233.533	-0.016
233.556	-0.016
233.578	-0.016
233.600	-0.016
233.622	-0.016
233.644	-0.016
233.667	-0.016
233.689	-0.016
233.711	-0.016
233.733	-0.016
233.756	-0.016
233.778	-0.016

233.800	-0.016
233.822	-0.016
233.845	-0.016
233.867	-0.016
233.889	-0.016
233.911	-0.016
233.933	-0.016
233.956	-0.016
233.978	-0.016
234.000	-0.016
234.022	-0.016
234.044	-0.016
234.067	-0.016
234.089	-0.016
234.111	-0.016
234.133	-0.016
234.155	-0.016
234.178	-0.016
234.200	-0.016
234.222	-0.016
234.244	-0.016
234.267	-0.016
234.289	-0.016
234.311	-0.016
234.333	-0.016
234.356	-0.016
234.378	-0.016
234.400	-0.016
234.422	-0.016
234.444	-0.016
234.467	-0.016
234.489	-0.016
234.511	-0.016
234.533	-0.016
234.556	-0.016
234.578	-0.016
234.600	-0.016
234.622	-0.016
234.644	-0.016
234.667	-0.016
234.689	-0.016
234.711	-0.016
234.733	-0.016
234.756	-0.016
234.778	-0.016
234.800	-0.016
234.822	-0.016
234.845	-0.016
234.867	-0.016
234.889	-0.016
234.911	-0.016
234.933	-0.016
234.956	-0.016
234.978	-0.016
235.000	-0.016
235.022	-0.016
235.044	-0.016
235.067	-0.016
235.089	-0.016
235.111	-0.016
235.133	-0.016
235.155	-0.016
235.178	-0.016
235.200	-0.016
235.222	-0.016

235.244	-0.016
235.267	-0.016
235.289	-0.016
235.311	-0.016
235.333	-0.016
235.356	-0.016
235.378	-0.016
235.400	-0.016
235.422	-0.016
235.444	-0.016
235.467	-0.016
235.489	-0.016
235.511	-0.016
235.533	-0.016
235.556	-0.016
235.578	-0.016
235.600	-0.016
235.622	-0.016
235.644	-0.016
235.667	-0.016
235.689	-0.016
235.711	-0.016
235.733	-0.016
235.756	-0.016
235.778	-0.016
235.800	-0.016
235.822	-0.016
235.845	-0.016
235.867	-0.016
235.889	-0.016
235.911	-0.016
235.933	-0.016
235.956	-0.016
235.978	-0.016
236.000	-0.016
236.022	-0.016
236.044	-0.016
236.067	-0.016
236.089	-0.016
236.111	-0.016
236.133	-0.016
236.155	-0.016
236.178	-0.016
236.200	-0.016
236.222	-0.016
236.244	-0.016
236.267	-0.016
236.289	-0.016
236.311	-0.016
236.333	-0.016
236.356	-0.016
236.378	-0.016
236.400	-0.016
236.422	-0.016
236.444	-0.016
236.467	-0.016
236.489	-0.016
236.511	-0.016
236.533	-0.016
236.556	-0.016
236.578	-0.016
236.600	-0.016
236.622	-0.016
236.644	-0.016
236.667	-0.015

236.689	-0.015
236.711	-0.015
236.733	-0.015
236.756	-0.015
236.778	-0.015
236.800	-0.015
236.822	-0.015
236.845	-0.015
236.867	-0.015
236.889	-0.015
236.911	-0.015
236.933	-0.015
236.956	-0.015
236.978	-0.015
237.000	-0.015
237.022	-0.015
237.044	-0.015
237.067	-0.015
237.089	-0.015
237.111	-0.015
237.133	-0.015
237.155	-0.015
237.178	-0.015
237.200	-0.015
237.222	-0.015
237.244	-0.015
237.267	-0.015
237.289	-0.015
237.311	-0.015
237.333	-0.015
237.356	-0.015
237.378	-0.015
237.400	-0.015
237.422	-0.015
237.444	-0.015
237.467	-0.015
237.489	-0.015
237.511	-0.015
237.533	-0.015
237.556	-0.015
237.578	-0.015
237.600	-0.015
237.622	-0.015
237.644	-0.015
237.667	-0.015
237.689	-0.015
237.711	-0.015
237.733	-0.015
237.756	-0.015
237.778	-0.015
237.800	-0.015
237.822	-0.015
237.845	-0.015
237.867	-0.015
237.889	-0.015
237.911	-0.015
237.933	-0.015
237.956	-0.015
237.978	-0.015
238.000	-0.015
238.022	-0.015
238.044	-0.015
238.067	-0.015
238.089	-0.015
238.111	-0.015

238.133	-0.015
238.155	-0.015
238.178	-0.015
238.200	-0.015
238.222	-0.015
238.244	-0.015
238.267	-0.015
238.289	-0.015
238.311	-0.015
238.333	-0.015
238.356	-0.015
238.378	-0.015
238.400	-0.015
238.422	-0.015
238.444	-0.015
238.467	-0.015
238.489	-0.015
238.511	-0.015
238.533	-0.015
238.556	-0.015
238.578	-0.015
238.600	-0.015
238.622	-0.015
238.644	-0.015
238.667	-0.015
238.689	-0.015
238.711	-0.015
238.733	-0.015
238.756	-0.015
238.778	-0.015
238.800	-0.015
238.822	-0.015
238.845	-0.015
238.867	-0.015
238.889	-0.015
238.911	-0.015
238.933	-0.015
238.956	-0.015
238.978	-0.015
239.000	-0.015
239.022	-0.015
239.044	-0.015
239.067	-0.015
239.089	-0.015
239.111	-0.015
239.133	-0.015
239.155	-0.015
239.178	-0.015
239.200	-0.015
239.222	-0.015
239.244	-0.015
239.267	-0.015
239.289	-0.015
239.311	-0.015
239.333	-0.015
239.356	-0.015
239.378	-0.015
239.400	-0.015
239.422	-0.015
239.444	-0.015
239.467	-0.015
239.489	-0.015
239.511	-0.015
239.533	-0.015
239.556	-0.015

239.578	-0.015
239.600	-0.015
239.622	-0.015
239.644	-0.015
239.667	-0.015
239.689	-0.015
239.711	-0.015
239.733	-0.015
239.756	-0.015
239.778	-0.015
239.800	-0.015
239.822	-0.015
239.845	-0.015
239.867	-0.015
239.889	-0.015
239.911	-0.015
239.933	-0.015
239.956	-0.015
239.978	-0.015
240.000	-0.015
240.022	-0.015
240.044	-0.015
240.067	-0.015
240.089	-0.015
240.111	-0.015
240.133	-0.015
240.155	-0.015
240.178	-0.015
240.200	-0.015
240.222	-0.015
240.244	-0.015
240.267	-0.015
240.289	-0.015
240.311	-0.015
240.333	-0.015
240.356	-0.015
240.378	-0.015
240.400	-0.015
240.422	-0.015
240.444	-0.015
240.467	-0.015
240.489	-0.014
240.511	-0.014
240.533	-0.014
240.556	-0.014
240.578	-0.014
240.600	-0.014
240.622	-0.014
240.644	-0.014
240.667	-0.014
240.689	-0.014
240.711	-0.014
240.733	-0.014
240.756	-0.014
240.778	-0.014
240.800	-0.014
240.822	-0.014
240.845	-0.014
240.867	-0.014
240.889	-0.014
240.911	-0.014
360.911	-0.003
480.911	-0.001
600.911	-0.000
720.911	-0.000

840.911	0.000
960.911	0.000
984.911	0.000

Name: Hyd-10d Node: Node314 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000

1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
2.422	0.000
2.444	0.000
2.467	0.000
2.489	0.000
2.511	0.000
2.533	0.000
2.556	0.000
2.578	0.000
2.600	0.000
2.622	0.000
2.644	0.000
2.667	0.000

2.689	0.000
2.711	0.000
2.733	0.000
2.756	0.000
2.778	0.000
2.800	0.000
2.822	0.000
2.844	0.000
2.867	0.000
2.889	0.000
2.911	0.000
2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
3.067	0.000
3.089	0.000
3.111	0.000
3.133	0.000
3.156	0.000
3.178	0.000
3.200	0.000
3.222	0.000
3.244	0.000
3.267	0.000
3.289	0.000
3.311	0.000
3.333	0.000
3.356	0.000
3.378	0.000
3.400	0.000
3.422	0.000
3.444	0.000
3.467	0.000
3.489	0.000
3.511	0.000
3.533	0.000
3.556	0.000
3.578	0.000
3.600	0.000
3.622	0.000
3.644	0.000
3.667	0.000
3.689	0.000
3.711	0.000
3.733	0.000
3.756	0.000
3.778	0.000
3.800	0.000
3.822	0.000
3.844	0.000
3.867	0.000
3.889	0.000
3.911	0.000
3.933	0.000
3.956	0.000
3.978	0.000
4.000	0.000
4.022	0.000
4.044	0.000
4.067	0.000
4.089	0.000
4.111	0.000

4.133	0.000
4.156	0.000
4.178	0.000
4.200	0.000
4.222	0.000
4.244	0.000
4.267	0.000
4.289	0.000
4.311	0.000
4.333	0.000
4.356	0.000
4.378	0.000
4.400	0.000
4.422	0.000
4.444	0.000
4.467	0.000
4.489	0.000
4.511	0.000
4.533	0.000
4.556	0.000
4.578	0.000
4.600	0.000
4.622	0.000
4.644	0.000
4.667	0.000
4.689	0.000
4.711	0.000
4.733	0.000
4.756	0.000
4.778	0.000
4.800	0.000
4.822	0.000
4.844	0.000
4.867	0.000
4.889	0.000
4.911	0.000
4.933	0.000
4.956	0.000
4.978	0.000
5.000	0.000
5.022	0.000
5.044	0.000
5.067	0.000
5.089	0.000
5.111	0.000
5.133	0.000
5.156	0.000
5.178	0.000
5.200	0.000
5.222	0.000
5.244	0.000
5.267	0.000
5.289	0.000
5.311	0.000
5.333	0.000
5.356	0.000
5.378	0.000
5.400	0.000
5.422	0.000
5.444	0.000
5.467	0.000
5.489	0.000
5.511	0.000
5.533	0.000
5.556	0.000

5.578	0.000
5.600	0.000
5.622	0.000
5.644	0.000
5.667	0.000
5.689	0.000
5.711	0.000
5.733	0.000
5.756	0.000
5.778	0.000
5.800	0.000
5.822	0.000
5.844	0.000
5.867	0.000
5.889	0.000
5.911	0.000
5.933	0.000
5.956	0.000
5.978	0.000
6.000	0.000
6.022	0.000
6.044	0.000
6.067	0.000
6.089	0.000
6.111	0.000
6.133	0.000
6.156	0.000
6.178	0.000
6.200	0.000
6.222	0.000
6.244	0.000
6.267	0.000
6.289	0.000
6.311	0.000
6.333	0.000
6.356	0.000
6.378	0.000
6.400	0.000
6.422	0.000
6.444	0.000
6.467	0.000
6.489	0.000
6.511	0.000
6.533	0.000
6.556	0.000
6.578	0.000
6.600	0.000
6.622	0.000
6.644	0.000
6.667	0.000
6.689	0.000
6.711	0.000
6.733	0.000
6.756	0.000
6.778	0.000
6.800	0.000
6.822	0.000
6.844	0.000
6.867	0.000
6.889	0.000
6.911	0.000
6.933	0.000
6.956	0.000
6.978	0.000
7.000	0.000

7.022	0.000
7.044	0.000
7.067	0.000
7.089	0.000
7.111	0.000
7.133	0.000
7.156	0.000
7.178	0.000
7.200	0.000
7.222	0.000
7.244	0.000
7.267	0.000
7.289	0.000
7.311	0.000
7.333	0.000
7.356	0.000
7.378	0.000
7.400	0.000
7.422	0.000
7.444	0.000
7.467	0.000
7.489	0.000
7.511	0.000
7.533	0.000
7.556	0.000
7.578	0.000
7.600	0.000
7.622	0.000
7.644	0.000
7.667	0.000
7.689	0.000
7.711	-0.000
7.733	-0.000
7.756	-0.000
7.778	-0.000
7.800	-0.000
7.822	-0.000
7.844	-0.000
7.867	-0.000
7.889	-0.000
7.911	-0.000
7.933	-0.000
7.956	-0.000
7.978	-0.000
8.000	-0.000
8.022	-0.000
8.044	-0.000
8.067	-0.000
8.089	-0.000
8.111	-0.000
8.133	-0.000
8.156	-0.000
8.178	-0.000
8.200	-0.000
8.222	-0.000
8.244	-0.000
8.267	-0.000
8.289	-0.001
8.311	-0.001
8.333	-0.001
8.356	-0.001
8.378	-0.001
8.400	-0.001
8.422	-0.001
8.444	-0.001

8.467	-0.001
8.489	-0.001
8.511	-0.001
8.533	-0.001
8.556	-0.001
8.578	-0.001
8.600	-0.001
8.622	-0.001
8.644	-0.001
8.667	-0.001
8.689	-0.001
8.711	-0.001
8.733	-0.001
8.756	-0.001
8.778	-0.001
8.800	-0.001
8.822	-0.001
8.844	-0.001
8.867	-0.001
8.889	-0.001
8.911	-0.001
8.933	-0.001
8.956	-0.001
8.978	-0.001
9.000	-0.001
9.022	-0.001
9.044	-0.001
9.067	-0.002
9.089	-0.002
9.111	-0.002
9.133	-0.002
9.156	-0.002
9.178	-0.002
9.200	-0.002
9.222	-0.002
9.244	-0.002
9.267	-0.002
9.289	-0.002
9.311	-0.002
9.333	-0.002
9.356	-0.002
9.378	-0.002
9.400	-0.002
9.422	-0.002
9.444	-0.002
9.467	-0.002
9.489	-0.002
9.511	-0.002
9.533	-0.002
9.556	-0.002
9.578	-0.002
9.600	-0.002
9.622	-0.002
9.644	-0.002
9.667	-0.002
9.689	-0.002
9.711	-0.002
9.733	-0.002
9.756	-0.002
9.778	-0.002
9.800	-0.002
9.822	-0.002
9.844	-0.002
9.867	-0.002
9.889	-0.003

9.911	-0.003
9.933	-0.003
9.956	-0.003
9.978	-0.003
10.000	-0.003
10.022	-0.003
10.044	-0.003
10.067	-0.003
10.089	-0.003
10.111	-0.003
10.133	-0.003
10.156	-0.003
10.178	-0.003
10.200	-0.003
10.222	-0.003
10.244	-0.003
10.267	-0.003
10.289	-0.003
10.311	-0.003
10.333	-0.003
10.356	-0.003
10.378	-0.003
10.400	-0.003
10.422	-0.003
10.444	-0.003
10.467	-0.003
10.489	-0.003
10.511	-0.003
10.533	-0.003
10.556	-0.003
10.578	-0.003
10.600	-0.003
10.622	-0.003
10.644	-0.003
10.667	-0.003
10.689	-0.003
10.711	-0.003
10.733	-0.003
10.756	-0.003
10.778	-0.004
10.800	-0.004
10.822	-0.004
10.844	-0.004
10.867	-0.004
10.889	-0.004
10.911	-0.004
10.933	-0.004
10.956	-0.004
10.978	-0.004
11.000	-0.004
11.022	-0.004
11.044	-0.004
11.067	-0.004
11.089	-0.004
11.111	-0.004
11.133	-0.004
11.156	-0.004
11.178	-0.004
11.200	-0.004
11.222	-0.004
11.244	-0.004
11.267	-0.004
11.289	-0.004
11.311	-0.004
11.333	-0.004

11.356	-0.004
11.378	-0.004
11.400	-0.004
11.422	-0.004
11.444	-0.004
11.467	-0.004
11.489	-0.004
11.511	-0.004
11.533	-0.004
11.556	-0.004
11.578	-0.004
11.600	-0.004
11.622	-0.004
11.644	-0.004
11.667	-0.004
11.689	-0.004
11.711	-0.004
11.733	-0.005
11.756	-0.005
11.778	-0.005
11.800	-0.005
11.822	-0.005
11.844	-0.005
11.867	-0.005
11.889	-0.005
11.911	-0.005
11.933	-0.005
11.956	-0.005
11.978	-0.005
12.000	-0.005
12.022	-0.005
12.044	-0.005
12.067	-0.005
12.089	-0.005
12.111	-0.005
12.133	-0.005
12.156	-0.005
12.178	-0.005
12.200	-0.005
12.222	-0.005
12.244	-0.005
12.267	-0.005
12.289	-0.005
12.311	-0.005
12.333	-0.005
12.356	-0.005
12.378	-0.005
12.400	-0.005
12.422	-0.005
12.444	-0.005
12.467	-0.005
12.489	-0.005
12.511	-0.005
12.533	-0.005
12.556	-0.005
12.578	-0.005
12.600	-0.005
12.622	-0.005
12.644	-0.005
12.667	-0.005
12.689	-0.005
12.711	-0.005
12.733	-0.005
12.756	-0.006
12.778	-0.006

12.800	-0.006
12.822	-0.006
12.844	-0.006
12.867	-0.006
12.889	-0.006
12.911	-0.006
12.933	-0.006
12.956	-0.006
12.978	-0.006
13.000	-0.006
13.022	-0.006
13.044	-0.006
13.067	-0.006
13.089	-0.006
13.111	-0.006
13.133	-0.006
13.156	-0.006
13.178	-0.006
13.200	-0.006
13.222	-0.006
13.244	-0.006
13.267	-0.006
13.289	-0.006
13.311	-0.006
13.333	-0.006
13.356	-0.006
13.378	-0.006
13.400	-0.006
13.422	-0.006
13.444	-0.006
13.467	-0.006
13.489	-0.006
13.511	-0.006
13.533	-0.006
13.556	-0.006
13.578	-0.006
13.600	-0.006
13.622	-0.006
13.644	-0.006
13.667	-0.006
13.689	-0.006
13.711	-0.006
13.733	-0.006
13.756	-0.006
13.778	-0.006
13.800	-0.006
13.822	-0.006
13.844	-0.006
13.867	-0.007
13.889	-0.007
13.911	-0.007
13.933	-0.007
13.956	-0.007
13.978	-0.007
14.000	-0.007
14.022	-0.007
14.044	-0.007
14.067	-0.007
14.089	-0.007
14.111	-0.007
14.133	-0.007
14.156	-0.007
14.178	-0.007
14.200	-0.007
14.222	-0.007

14.244	-0.007
14.267	-0.007
14.289	-0.007
14.311	-0.007
14.333	-0.007
14.356	-0.007
14.378	-0.007
14.400	-0.007
14.422	-0.007
14.444	-0.007
14.467	-0.007
14.489	-0.007
14.511	-0.007
14.533	-0.007
14.556	-0.007
14.578	-0.007
14.600	-0.007
14.622	-0.007
14.644	-0.007
14.667	-0.007
14.689	-0.007
14.711	-0.007
14.733	-0.007
14.756	-0.007
14.778	-0.007
14.800	-0.007
14.822	-0.007
14.844	-0.007
14.867	-0.007
14.889	-0.007
14.911	-0.007
14.933	-0.007
14.956	-0.007
14.978	-0.007
15.000	-0.007
15.022	-0.007
15.044	-0.007
15.067	-0.008
15.089	-0.008
15.111	-0.008
15.133	-0.008
15.156	-0.008
15.178	-0.008
15.200	-0.008
15.222	-0.008
15.244	-0.008
15.267	-0.008
15.289	-0.008
15.311	-0.008
15.333	-0.008
15.356	-0.008
15.378	-0.008
15.400	-0.008
15.422	-0.008
15.444	-0.008
15.467	-0.008
15.489	-0.008
15.511	-0.008
15.533	-0.008
15.556	-0.008
15.578	-0.008
15.600	-0.008
15.622	-0.008
15.644	-0.008
15.667	-0.008

15.689	-0.008
15.711	-0.008
15.733	-0.008
15.756	-0.008
15.778	-0.008
15.800	-0.008
15.822	-0.008
15.844	-0.008
15.867	-0.008
15.889	-0.008
15.911	-0.008
15.933	-0.008
15.956	-0.008
15.978	-0.008
16.000	-0.008
16.022	-0.008
16.044	-0.008
16.067	-0.008
16.089	-0.008
16.111	-0.008
16.133	-0.008
16.156	-0.008
16.178	-0.008
16.200	-0.008
16.222	-0.008
16.244	-0.008
16.267	-0.008
16.289	-0.008
16.311	-0.008
16.333	-0.008
16.356	-0.008
16.378	-0.008
16.400	-0.008
16.422	-0.008
16.444	-0.008
16.467	-0.008
16.489	-0.008
16.511	-0.008
16.533	-0.008
16.556	-0.008
16.578	-0.008
16.600	-0.008
16.622	-0.008
16.644	-0.008
16.667	-0.008
16.689	-0.008
16.711	-0.008
16.733	-0.008
16.756	-0.008
16.778	-0.008
16.800	-0.008
16.822	-0.008
16.844	-0.008
16.867	-0.008
16.889	-0.008
16.911	-0.008
16.933	-0.008
16.956	-0.008
16.978	-0.008
17.000	-0.008
17.022	-0.008
17.044	-0.008
17.067	-0.008
17.089	-0.008
17.111	-0.008

17.133	-0.008
17.156	-0.008
17.178	-0.008
17.200	-0.008
17.222	-0.008
17.244	-0.008
17.267	-0.008
17.289	-0.008
17.311	-0.008
17.333	-0.008
17.356	-0.009
17.378	-0.009
17.400	-0.009
17.422	-0.009
17.444	-0.009
17.467	-0.009
17.489	-0.009
17.511	-0.009
17.533	-0.009
17.556	-0.009
17.578	-0.009
17.600	-0.009
17.622	-0.009
17.644	-0.009
17.667	-0.009
17.689	-0.009
17.711	-0.009
17.733	-0.009
17.756	-0.009
17.778	-0.009
17.800	-0.009
17.822	-0.009
17.844	-0.009
17.867	-0.009
17.889	-0.009
17.911	-0.009
17.933	-0.009
17.956	-0.009
17.978	-0.009
18.000	-0.009
18.022	-0.009
18.044	-0.009
18.067	-0.009
18.089	-0.009
18.111	-0.009
18.133	-0.009
18.156	-0.009
18.178	-0.009
18.200	-0.009
18.222	-0.009
18.244	-0.009
18.267	-0.009
18.289	-0.009
18.311	-0.009
18.333	-0.009
18.356	-0.009
18.378	-0.009
18.400	-0.009
18.422	-0.009
18.444	-0.009
18.467	-0.009
18.489	-0.009
18.511	-0.009
18.533	-0.009
18.556	-0.009

18.578	-0.009
18.600	-0.009
18.622	-0.009
18.644	-0.009
18.667	-0.009
18.689	-0.009
18.711	-0.009
18.733	-0.009
18.756	-0.009
18.778	-0.009
18.800	-0.009
18.822	-0.009
18.844	-0.009
18.867	-0.009
18.889	-0.009
18.911	-0.009
18.933	-0.009
18.956	-0.009
18.978	-0.009
19.000	-0.009
19.022	-0.009
19.044	-0.009
19.067	-0.009
19.089	-0.009
19.111	-0.009
19.133	-0.009
19.156	-0.010
19.178	-0.010
19.200	-0.010
19.222	-0.010
19.244	-0.010
19.267	-0.010
19.289	-0.010
19.311	-0.010
19.333	-0.010
19.356	-0.010
19.378	-0.010
19.400	-0.010
19.422	-0.010
19.444	-0.010
19.467	-0.010
19.489	-0.010
19.511	-0.010
19.533	-0.010
19.556	-0.010
19.578	-0.010
19.600	-0.010
19.622	-0.010
19.644	-0.010
19.667	-0.010
19.689	-0.010
19.711	-0.010
19.733	-0.010
19.756	-0.010
19.778	-0.010
19.800	-0.010
19.822	-0.010
19.844	-0.010
19.867	-0.010
19.889	-0.010
19.911	-0.010
19.933	-0.010
19.956	-0.010
19.978	-0.010
20.000	-0.010

20.022	-0.010
20.044	-0.010
20.067	-0.010
20.089	-0.010
20.111	-0.010
20.133	-0.010
20.156	-0.010
20.178	-0.010
20.200	-0.010
20.222	-0.010
20.244	-0.010
20.267	-0.010
20.289	-0.010
20.311	-0.010
20.333	-0.010
20.356	-0.010
20.378	-0.010
20.400	-0.010
20.422	-0.010
20.444	-0.010
20.467	-0.010
20.489	-0.010
20.511	-0.010
20.533	-0.010
20.556	-0.010
20.578	-0.010
20.600	-0.010
20.622	-0.010
20.644	-0.010
20.667	-0.010
20.689	-0.010
20.711	-0.010
20.733	-0.010
20.756	-0.010
20.778	-0.010
20.800	-0.010
20.822	-0.010
20.844	-0.010
20.867	-0.010
20.889	-0.010
20.911	-0.010
20.933	-0.010
20.956	-0.010
20.978	-0.010
21.000	-0.010
21.022	-0.010
21.044	-0.010
21.067	-0.010
21.089	-0.010
21.111	-0.010
21.133	-0.011
21.156	-0.011
21.178	-0.011
21.200	-0.011
21.222	-0.011
21.244	-0.011
21.267	-0.011
21.289	-0.011
21.311	-0.011
21.333	-0.011
21.356	-0.011
21.378	-0.011
21.400	-0.011
21.422	-0.011
21.444	-0.011

21.467	-0.011
21.489	-0.011
21.511	-0.011
21.533	-0.011
21.556	-0.011
21.578	-0.011
21.600	-0.011
21.622	-0.011
21.644	-0.011
21.667	-0.011
21.689	-0.011
21.711	-0.011
21.733	-0.011
21.756	-0.011
21.778	-0.011
21.800	-0.011
21.822	-0.011
21.844	-0.011
21.867	-0.011
21.889	-0.011
21.911	-0.011
21.933	-0.011
21.956	-0.011
21.978	-0.011
22.000	-0.011
22.022	-0.011
22.044	-0.011
22.067	-0.011
22.089	-0.011
22.111	-0.011
22.133	-0.011
22.156	-0.011
22.178	-0.011
22.200	-0.011
22.222	-0.011
22.244	-0.011
22.267	-0.011
22.289	-0.011
22.311	-0.011
22.333	-0.011
22.356	-0.011
22.378	-0.011
22.400	-0.011
22.422	-0.011
22.444	-0.011
22.467	-0.011
22.489	-0.011
22.511	-0.011
22.533	-0.011
22.556	-0.011
22.578	-0.011
22.600	-0.011
22.622	-0.011
22.644	-0.011
22.667	-0.011
22.689	-0.011
22.711	-0.011
22.733	-0.011
22.756	-0.011
22.778	-0.011
22.800	-0.011
22.822	-0.011
22.844	-0.011
22.867	-0.011
22.889	-0.011

22.911	-0.011
22.933	-0.011
22.956	-0.011
22.978	-0.011
23.000	-0.011
23.022	-0.011
23.044	-0.011
23.067	-0.011
23.089	-0.011
23.111	-0.011
23.133	-0.011
23.156	-0.011
23.178	-0.011
23.200	-0.011
23.222	-0.011
23.244	-0.011
23.267	-0.011
23.289	-0.011
23.311	-0.011
23.333	-0.011
23.356	-0.011
23.378	-0.011
23.400	-0.012
23.422	-0.012
23.444	-0.012
23.467	-0.012
23.489	-0.012
23.511	-0.012
23.533	-0.012
23.556	-0.012
23.578	-0.012
23.600	-0.012
23.622	-0.012
23.644	-0.012
23.667	-0.012
23.689	-0.012
23.711	-0.012
23.733	-0.012
23.756	-0.012
23.778	-0.012
23.800	-0.012
23.822	-0.012
23.844	-0.012
23.867	-0.012
23.889	-0.012
23.911	-0.012
23.933	-0.012
23.956	-0.012
23.978	-0.012
24.000	-0.012
24.022	-0.012
24.044	-0.013
24.067	-0.015
24.089	-0.017
24.111	-0.019
24.133	-0.022
24.156	-0.024
24.178	-0.025
24.200	-0.027
24.222	-0.028
24.244	-0.029
24.267	-0.030
24.289	-0.031
24.311	-0.032
24.333	-0.033

24.356	-0.033
24.378	-0.034
24.400	-0.034
24.422	-0.035
24.444	-0.035
24.467	-0.035
24.489	-0.036
24.511	-0.036
24.533	-0.036
24.556	-0.037
24.578	-0.037
24.600	-0.037
24.622	-0.037
24.644	-0.038
24.667	-0.038
24.689	-0.038
24.711	-0.038
24.733	-0.038
24.756	-0.038
24.778	-0.038
24.800	-0.038
24.822	-0.039
24.844	-0.039
24.867	-0.039
24.889	-0.039
24.911	-0.039
24.933	-0.039
24.956	-0.039
24.978	-0.039
25.000	-0.039
25.022	-0.039
25.044	-0.039
25.067	-0.039
25.089	-0.039
25.111	-0.040
25.133	-0.040
25.156	-0.040
25.178	-0.040
25.200	-0.040
25.222	-0.040
25.244	-0.040
25.267	-0.040
25.289	-0.040
25.311	-0.040
25.333	-0.040
25.356	-0.040
25.378	-0.040
25.400	-0.040
25.422	-0.041
25.444	-0.041
25.467	-0.041
25.489	-0.041
25.511	-0.041
25.533	-0.041
25.556	-0.041
25.578	-0.041
25.600	-0.041
25.622	-0.041
25.644	-0.041
25.667	-0.041
25.689	-0.041
25.711	-0.041
25.733	-0.041
25.756	-0.042
25.778	-0.042

25.800	-0.042
25.822	-0.042
25.844	-0.042
25.867	-0.042
25.889	-0.042
25.911	-0.042
25.933	-0.042
25.956	-0.042
25.978	-0.042
26.000	-0.042
26.022	-0.042
26.044	-0.042
26.067	-0.042
26.089	-0.043
26.111	-0.043
26.133	-0.043
26.156	-0.043
26.178	-0.043
26.200	-0.043
26.222	-0.043
26.244	-0.043
26.267	-0.043
26.289	-0.043
26.311	-0.043
26.333	-0.043
26.356	-0.043
26.378	-0.043
26.400	-0.043
26.422	-0.043
26.444	-0.043
26.467	-0.044
26.489	-0.044
26.511	-0.044
26.533	-0.044
26.556	-0.044
26.578	-0.044
26.600	-0.044
26.622	-0.044
26.644	-0.044
26.667	-0.044
26.689	-0.044
26.711	-0.044
26.733	-0.044
26.756	-0.044
26.778	-0.044
26.800	-0.044
26.822	-0.044
26.844	-0.045
26.867	-0.045
26.889	-0.045
26.911	-0.045
26.933	-0.045
26.956	-0.045
26.978	-0.045
27.000	-0.045
27.022	-0.045
27.044	-0.045
27.067	-0.045
27.089	-0.045
27.111	-0.045
27.133	-0.045
27.156	-0.045
27.178	-0.045
27.200	-0.045
27.222	-0.045

27.244	-0.045
27.267	-0.046
27.289	-0.046
27.311	-0.046
27.333	-0.046
27.356	-0.046
27.378	-0.046
27.400	-0.046
27.422	-0.046
27.444	-0.046
27.467	-0.046
27.489	-0.046
27.511	-0.046
27.533	-0.046
27.556	-0.046
27.578	-0.046
27.600	-0.046
27.622	-0.046
27.644	-0.046
27.667	-0.046
27.689	-0.047
27.711	-0.047
27.733	-0.047
27.756	-0.047
27.778	-0.047
27.800	-0.047
27.822	-0.047
27.844	-0.047
27.867	-0.047
27.889	-0.047
27.911	-0.047
27.933	-0.047
27.956	-0.047
27.978	-0.047
28.000	-0.047
28.022	-0.047
28.044	-0.047
28.067	-0.047
28.089	-0.047
28.111	-0.047
28.133	-0.047
28.156	-0.048
28.178	-0.048
28.200	-0.048
28.222	-0.048
28.244	-0.048
28.267	-0.048
28.289	-0.048
28.311	-0.048
28.333	-0.048
28.356	-0.048
28.378	-0.048
28.400	-0.048
28.422	-0.048
28.444	-0.048
28.467	-0.048
28.489	-0.048
28.511	-0.048
28.533	-0.048
28.556	-0.048
28.578	-0.048
28.600	-0.048
28.622	-0.048
28.644	-0.048
28.667	-0.049

28.689	-0.049
28.711	-0.049
28.733	-0.049
28.756	-0.049
28.778	-0.049
28.800	-0.049
28.822	-0.049
28.844	-0.049
28.867	-0.049
28.889	-0.049
28.911	-0.049
28.933	-0.049
28.956	-0.049
28.978	-0.049
29.000	-0.049
29.022	-0.049
29.044	-0.049
29.067	-0.049
29.089	-0.049
29.111	-0.049
29.133	-0.049
29.156	-0.049
29.178	-0.049
29.200	-0.050
29.222	-0.050
29.244	-0.050
29.267	-0.050
29.289	-0.050
29.311	-0.050
29.333	-0.050
29.356	-0.050
29.378	-0.050
29.400	-0.050
29.422	-0.050
29.444	-0.050
29.467	-0.050
29.489	-0.050
29.511	-0.050
29.533	-0.050
29.556	-0.050
29.578	-0.050
29.600	-0.050
29.622	-0.050
29.644	-0.050
29.667	-0.050
29.689	-0.050
29.711	-0.050
29.733	-0.050
29.756	-0.050
29.778	-0.051
29.800	-0.051
29.822	-0.051
29.844	-0.051
29.867	-0.051
29.889	-0.051
29.911	-0.051
29.933	-0.051
29.956	-0.051
29.978	-0.051
30.000	-0.051
30.022	-0.051
30.044	-0.051
30.067	-0.051
30.089	-0.051
30.111	-0.051

30.133	-0.051
30.156	-0.051
30.178	-0.051
30.200	-0.051
30.222	-0.051
30.244	-0.051
30.267	-0.051
30.289	-0.051
30.311	-0.051
30.333	-0.051
30.356	-0.051
30.378	-0.051
30.400	-0.052
30.422	-0.052
30.444	-0.052
30.467	-0.052
30.489	-0.052
30.511	-0.052
30.533	-0.052
30.556	-0.052
30.578	-0.052
30.600	-0.052
30.622	-0.052
30.644	-0.052
30.667	-0.052
30.689	-0.052
30.711	-0.052
30.733	-0.052
30.756	-0.052
30.778	-0.052
30.800	-0.052
30.822	-0.052
30.844	-0.052
30.867	-0.052
30.889	-0.052
30.911	-0.052
30.933	-0.052
30.956	-0.052
30.978	-0.052
31.000	-0.052
31.022	-0.052
31.044	-0.052
31.067	-0.053
31.089	-0.053
31.111	-0.053
31.133	-0.053
31.156	-0.053
31.178	-0.053
31.200	-0.053
31.222	-0.053
31.244	-0.053
31.267	-0.053
31.289	-0.053
31.311	-0.053
31.333	-0.053
31.356	-0.053
31.378	-0.053
31.400	-0.053
31.422	-0.053
31.444	-0.053
31.467	-0.053
31.489	-0.053
31.511	-0.053
31.533	-0.053
31.556	-0.053

31.578	-0.053
31.600	-0.053
31.622	-0.053
31.644	-0.053
31.667	-0.053
31.689	-0.053
31.711	-0.053
31.733	-0.053
31.756	-0.053
31.778	-0.053
31.800	-0.054
31.822	-0.054
31.844	-0.054
31.867	-0.054
31.889	-0.054
31.911	-0.054
31.933	-0.054
31.956	-0.054
31.978	-0.054
32.000	-0.055
32.022	-0.058
32.044	-0.062
32.067	-0.064
32.089	-0.065
32.111	-0.066
32.133	-0.068
32.156	-0.070
32.178	-0.072
32.200	-0.074
32.222	-0.076
32.244	-0.079
32.267	-0.081
32.289	-0.083
32.311	-0.086
32.333	-0.088
32.356	-0.090
32.378	-0.092
32.400	-0.095
32.422	-0.097
32.444	-0.099
32.467	-0.101
32.489	-0.103
32.511	-0.105
32.533	-0.107
32.556	-0.109
32.578	-0.111
32.600	-0.113
32.622	-0.114
32.644	-0.116
32.667	-0.118
32.689	-0.119
32.711	-0.121
32.733	-0.123
32.756	-0.124
32.778	-0.126
32.800	-0.127
32.822	-0.128
32.844	-0.130
32.867	-0.131
32.889	-0.132
32.911	-0.134
32.933	-0.135
32.956	-0.136
32.978	-0.137
33.000	-0.139

33.022	-0.140
33.044	-0.141
33.067	-0.142
33.089	-0.143
33.111	-0.144
33.133	-0.145
33.156	-0.146
33.178	-0.147
33.200	-0.148
33.222	-0.149
33.244	-0.150
33.267	-0.151
33.289	-0.152
33.311	-0.153
33.333	-0.154
33.356	-0.155
33.378	-0.156
33.400	-0.157
33.422	-0.157
33.444	-0.158
33.467	-0.159
33.489	-0.160
33.511	-0.162
33.533	-0.157
33.556	-0.151
33.578	-0.150
33.600	-0.148
33.622	-0.147
33.644	-0.145
33.667	-0.144
33.689	-0.142
33.711	-0.141
33.733	-0.139
33.756	-0.138
33.778	-0.136
33.800	-0.135
33.822	-0.133
33.844	-0.132
33.867	-0.130
33.889	-0.129
33.911	-0.127
33.933	-0.126
33.956	-0.125
33.978	-0.123
34.000	-0.122
34.022	-0.121
34.044	-0.119
34.067	-0.118
34.089	-0.117
34.111	-0.115
34.133	-0.114
34.156	-0.113
34.178	-0.112
34.200	-0.111
34.222	-0.110
34.244	-0.109
34.267	-0.108
34.289	-0.107
34.311	-0.106
34.333	-0.105
34.356	-0.104
34.378	-0.103
34.400	-0.102
34.422	-0.101
34.444	-0.100

34.467	-0.100
34.489	-0.099
34.511	-0.098
34.533	-0.097
34.556	-0.097
34.578	-0.096
34.600	-0.095
34.622	-0.095
34.644	-0.094
34.667	-0.093
34.689	-0.093
34.711	-0.092
34.733	-0.092
34.756	-0.091
34.778	-0.091
34.800	-0.090
34.822	-0.090
34.844	-0.089
34.867	-0.089
34.889	-0.089
34.911	-0.088
34.933	-0.088
34.956	-0.087
34.978	-0.087
35.000	-0.087
35.022	-0.086
35.044	-0.086
35.067	-0.086
35.089	-0.085
35.111	-0.085
35.133	-0.085
35.156	-0.084
35.178	-0.084
35.200	-0.084
35.222	-0.084
35.244	-0.083
35.267	-0.083
35.289	-0.083
35.311	-0.083
35.333	-0.082
35.356	-0.082
35.378	-0.082
35.400	-0.082
35.422	-0.081
35.444	-0.081
35.467	-0.081
35.489	-0.081
35.511	-0.081
35.533	-0.081
35.556	-0.080
35.578	-0.080
35.600	-0.080
35.622	-0.080
35.644	-0.080
35.667	-0.080
35.689	-0.079
35.711	-0.079
35.733	-0.079
35.756	-0.079
35.778	-0.079
35.800	-0.079
35.822	-0.079
35.844	-0.078
35.867	-0.078
35.889	-0.078

35.911	-0.078
35.933	-0.078
35.956	-0.078
35.978	-0.078
36.000	-0.078
36.022	-0.078
36.044	-0.077
36.067	-0.077
36.089	-0.077
36.111	-0.077
36.133	-0.077
36.156	-0.077
36.178	-0.077
36.200	-0.077
36.222	-0.077
36.244	-0.077
36.267	-0.077
36.289	-0.076
36.311	-0.076
36.333	-0.076
36.356	-0.076
36.378	-0.076
36.400	-0.076
36.422	-0.076
36.444	-0.076
36.467	-0.076
36.489	-0.076
36.511	-0.076
36.533	-0.076
36.556	-0.076
36.578	-0.075
36.600	-0.075
36.622	-0.075
36.644	-0.075
36.667	-0.075
36.689	-0.075
36.711	-0.075
36.733	-0.075
36.756	-0.075
36.778	-0.075
36.800	-0.075
36.822	-0.075
36.844	-0.075
36.867	-0.075
36.889	-0.075
36.911	-0.075
36.933	-0.075
36.956	-0.075
36.978	-0.074
37.000	-0.074
37.022	-0.074
37.044	-0.074
37.067	-0.074
37.089	-0.074
37.111	-0.074
37.133	-0.074
37.156	-0.074
37.178	-0.074
37.200	-0.074
37.222	-0.074
37.244	-0.074
37.267	-0.074
37.289	-0.074
37.311	-0.074
37.333	-0.074

37.356	-0.074
37.378	-0.074
37.400	-0.074
37.422	-0.074
37.444	-0.074
37.467	-0.074
37.489	-0.074
37.511	-0.074
37.533	-0.073
37.556	-0.073
37.578	-0.073
37.600	-0.073
37.622	-0.073
37.644	-0.073
37.667	-0.073
37.689	-0.073
37.711	-0.073
37.733	-0.073
37.756	-0.073
37.778	-0.073
37.800	-0.073
37.822	-0.073
37.844	-0.073
37.867	-0.073
37.889	-0.073
37.911	-0.073
37.933	-0.073
37.956	-0.073
37.978	-0.073
38.000	-0.073
38.022	-0.073
38.044	-0.073
38.067	-0.073
38.089	-0.073
38.111	-0.073
38.133	-0.073
38.156	-0.073
38.178	-0.073
38.200	-0.073
38.222	-0.073
38.244	-0.073
38.267	-0.073
38.289	-0.073
38.311	-0.073
38.333	-0.073
38.356	-0.072
38.378	-0.072
38.400	-0.072
38.422	-0.072
38.444	-0.072
38.467	-0.072
38.489	-0.072
38.511	-0.072
38.533	-0.072
38.556	-0.072
38.578	-0.072
38.600	-0.072
38.622	-0.072
38.644	-0.072
38.667	-0.072
38.689	-0.072
38.711	-0.072
38.733	-0.072
38.756	-0.072
38.778	-0.072

38.800	-0.072
38.822	-0.072
38.844	-0.072
38.867	-0.072
38.889	-0.072
38.911	-0.072
38.933	-0.072
38.956	-0.072
38.978	-0.072
39.000	-0.072
39.022	-0.072
39.044	-0.072
39.067	-0.072
39.089	-0.072
39.111	-0.072
39.133	-0.072
39.156	-0.072
39.178	-0.072
39.200	-0.072
39.222	-0.072
39.244	-0.072
39.267	-0.072
39.289	-0.072
39.311	-0.072
39.333	-0.072
39.356	-0.072
39.378	-0.072
39.400	-0.072
39.422	-0.072
39.444	-0.072
39.467	-0.072
39.489	-0.072
39.511	-0.072
39.533	-0.072
39.556	-0.072
39.578	-0.072
39.600	-0.072
39.622	-0.072
39.644	-0.072
39.667	-0.072
39.689	-0.072
39.711	-0.072
39.733	-0.072
39.756	-0.072
39.778	-0.072
39.800	-0.072
39.822	-0.072
39.844	-0.072
39.867	-0.072
39.889	-0.072
39.911	-0.072
39.933	-0.072
39.956	-0.072
39.978	-0.072
40.000	-0.071
40.022	-0.071
40.044	-0.071
40.067	-0.071
40.089	-0.071
40.111	-0.071
40.133	-0.071
40.156	-0.071
40.178	-0.070
40.200	-0.070
40.222	-0.070

40.244	-0.069
40.267	-0.069
40.289	-0.069
40.311	-0.068
40.333	-0.068
40.356	-0.068
40.378	-0.067
40.400	-0.067
40.422	-0.067
40.444	-0.066
40.467	-0.066
40.489	-0.066
40.511	-0.065
40.533	-0.065
40.556	-0.065
40.578	-0.064
40.600	-0.064
40.622	-0.064
40.644	-0.064
40.667	-0.063
40.689	-0.063
40.711	-0.063
40.733	-0.062
40.756	-0.062
40.778	-0.062
40.800	-0.062
40.822	-0.061
40.844	-0.061
40.867	-0.061
40.889	-0.061
40.911	-0.060
40.933	-0.060
40.956	-0.060
40.978	-0.060
41.000	-0.060
41.022	-0.059
41.044	-0.059
41.067	-0.059
41.089	-0.059
41.111	-0.059
41.133	-0.058
41.156	-0.058
41.178	-0.058
41.200	-0.058
41.222	-0.058
41.244	-0.058
41.267	-0.057
41.289	-0.057
41.311	-0.057
41.333	-0.057
41.356	-0.057
41.378	-0.057
41.400	-0.057
41.422	-0.056
41.444	-0.056
41.467	-0.056
41.489	-0.056
41.511	-0.056
41.533	-0.056
41.556	-0.056
41.578	-0.055
41.600	-0.055
41.622	-0.055
41.644	-0.055
41.667	-0.055

41.689	-0.055
41.711	-0.055
41.733	-0.055
41.756	-0.054
41.778	-0.054
41.800	-0.054
41.822	-0.054
41.844	-0.054
41.867	-0.054
41.889	-0.054
41.911	-0.054
41.933	-0.053
41.956	-0.053
41.978	-0.053
42.000	-0.053
42.022	-0.053
42.044	-0.053
42.067	-0.053
42.089	-0.053
42.111	-0.053
42.133	-0.053
42.156	-0.052
42.178	-0.052
42.200	-0.052
42.222	-0.052
42.244	-0.052
42.267	-0.052
42.289	-0.052
42.311	-0.052
42.333	-0.052
42.356	-0.052
42.378	-0.051
42.400	-0.051
42.422	-0.051
42.444	-0.051
42.467	-0.051
42.489	-0.051
42.511	-0.051
42.533	-0.051
42.556	-0.051
42.578	-0.051
42.600	-0.051
42.622	-0.051
42.644	-0.050
42.667	-0.050
42.689	-0.050
42.711	-0.050
42.733	-0.050
42.756	-0.050
42.778	-0.050
42.800	-0.050
42.822	-0.050
42.844	-0.050
42.867	-0.050
42.889	-0.050
42.911	-0.049
42.933	-0.049
42.956	-0.049
42.978	-0.049
43.000	-0.049
43.022	-0.049
43.044	-0.049
43.067	-0.049
43.089	-0.049
43.111	-0.049

43.133	-0.049
43.156	-0.049
43.178	-0.049
43.200	-0.049
43.222	-0.048
43.244	-0.048
43.267	-0.048
43.289	-0.048
43.311	-0.048
43.333	-0.048
43.356	-0.048
43.378	-0.048
43.400	-0.048
43.422	-0.048
43.444	-0.048
43.467	-0.048
43.489	-0.048
43.511	-0.048
43.533	-0.048
43.556	-0.047
43.578	-0.047
43.600	-0.047
43.622	-0.047
43.644	-0.047
43.667	-0.047
43.689	-0.047
43.711	-0.047
43.733	-0.047
43.756	-0.047
43.778	-0.047
43.800	-0.047
43.822	-0.047
43.844	-0.047
43.867	-0.047
43.889	-0.047
43.911	-0.046
43.933	-0.046
43.956	-0.046
43.978	-0.046
44.000	-0.046
44.022	-0.046
44.044	-0.046
44.067	-0.046
44.089	-0.046
44.111	-0.046
44.133	-0.046
44.156	-0.046
44.178	-0.046
44.200	-0.046
44.222	-0.046
44.244	-0.046
44.267	-0.046
44.289	-0.046
44.311	-0.046
44.333	-0.045
44.356	-0.045
44.378	-0.045
44.400	-0.045
44.422	-0.045
44.444	-0.045
44.467	-0.045
44.489	-0.045
44.511	-0.045
44.533	-0.045
44.556	-0.045

44.578	-0.045
44.600	-0.045
44.622	-0.045
44.644	-0.045
44.667	-0.045
44.689	-0.045
44.711	-0.045
44.733	-0.045
44.756	-0.045
44.778	-0.044
44.800	-0.044
44.822	-0.044
44.844	-0.044
44.867	-0.044
44.889	-0.044
44.911	-0.044
44.933	-0.044
44.956	-0.044
44.978	-0.044
45.000	-0.044
45.022	-0.044
45.044	-0.044
45.067	-0.044
45.089	-0.044
45.111	-0.044
45.133	-0.044
45.156	-0.044
45.178	-0.044
45.200	-0.044
45.222	-0.044
45.244	-0.044
45.267	-0.043
45.289	-0.043
45.311	-0.043
45.333	-0.043
45.356	-0.043
45.378	-0.043
45.400	-0.043
45.422	-0.043
45.444	-0.043
45.467	-0.043
45.489	-0.043
45.511	-0.043
45.533	-0.043
45.556	-0.043
45.578	-0.043
45.600	-0.043
45.622	-0.043
45.644	-0.043
45.667	-0.043
45.689	-0.043
45.711	-0.043
45.733	-0.043
45.756	-0.043
45.778	-0.043
45.800	-0.043
45.822	-0.043
45.844	-0.042
45.867	-0.042
45.889	-0.042
45.911	-0.042
45.933	-0.042
45.956	-0.042
45.978	-0.042
46.000	-0.042

46.022	-0.042
46.044	-0.042
46.067	-0.042
46.089	-0.042
46.111	-0.042
46.133	-0.042
46.156	-0.042
46.178	-0.042
46.200	-0.042
46.222	-0.042
46.244	-0.042
46.267	-0.042
46.289	-0.042
46.311	-0.042
46.333	-0.042
46.356	-0.042
46.378	-0.042
46.400	-0.042
46.422	-0.042
46.444	-0.042
46.467	-0.041
46.489	-0.041
46.511	-0.041
46.533	-0.041
46.556	-0.041
46.578	-0.041
46.600	-0.041
46.622	-0.041
46.644	-0.041
46.667	-0.041
46.689	-0.041
46.711	-0.041
46.733	-0.041
46.756	-0.041
46.778	-0.041
46.800	-0.041
46.822	-0.041
46.844	-0.041
46.867	-0.041
46.889	-0.041
46.911	-0.041
46.933	-0.041
46.956	-0.041
46.978	-0.041
47.000	-0.041
47.022	-0.041
47.044	-0.041
47.067	-0.041
47.089	-0.041
47.111	-0.041
47.133	-0.041
47.156	-0.041
47.178	-0.040
47.200	-0.040
47.222	-0.040
47.244	-0.040
47.267	-0.040
47.289	-0.040
47.311	-0.040
47.333	-0.040
47.356	-0.040
47.378	-0.040
47.400	-0.040
47.422	-0.040
47.444	-0.040

47.467	-0.040
47.489	-0.040
47.511	-0.040
47.533	-0.040
47.556	-0.040
47.578	-0.040
47.600	-0.040
47.622	-0.040
47.644	-0.040
47.667	-0.040
47.689	-0.040
47.711	-0.040
47.733	-0.040
47.756	-0.040
47.778	-0.040
47.800	-0.040
47.822	-0.040
47.844	-0.040
47.867	-0.040
47.889	-0.040
47.911	-0.040
47.933	-0.040
47.956	-0.040
47.978	-0.040
48.000	-0.039
48.022	-0.039
48.044	-0.039
48.067	-0.039
48.089	-0.039
48.111	-0.039
48.133	-0.039
48.156	-0.039
48.178	-0.039
48.200	-0.039
48.222	-0.039
48.244	-0.039
48.267	-0.039
48.289	-0.039
48.311	-0.039
48.333	-0.039
48.356	-0.039
48.378	-0.039
48.400	-0.039
48.422	-0.039
48.444	-0.039
48.467	-0.039
48.489	-0.039
48.511	-0.039
48.533	-0.039
48.556	-0.039
48.578	-0.039
48.600	-0.039
48.622	-0.039
48.644	-0.039
48.667	-0.038
48.689	-0.038
48.711	-0.038
48.733	-0.038
48.756	-0.038
48.778	-0.038
48.800	-0.038
48.822	-0.038
48.844	-0.038
48.867	-0.038
48.889	-0.038

48.911	-0.038
48.933	-0.038
48.956	-0.038
48.978	-0.038
49.000	-0.038
49.022	-0.038
49.044	-0.038
49.067	-0.038
49.089	-0.038
49.111	-0.038
49.133	-0.038
49.156	-0.038
49.178	-0.038
49.200	-0.038
49.222	-0.038
49.244	-0.038
49.267	-0.038
49.289	-0.038
49.311	-0.038
49.333	-0.038
49.356	-0.038
49.378	-0.038
49.400	-0.038
49.422	-0.038
49.444	-0.037
49.467	-0.037
49.489	-0.037
49.511	-0.037
49.533	-0.037
49.556	-0.037
49.578	-0.037
49.600	-0.037
49.622	-0.037
49.644	-0.037
49.667	-0.037
49.689	-0.037
49.711	-0.037
49.733	-0.037
49.756	-0.037
49.778	-0.037
49.800	-0.037
49.822	-0.037
49.844	-0.037
49.867	-0.037
49.889	-0.037
49.911	-0.037
49.933	-0.037
49.956	-0.037
49.978	-0.037
50.000	-0.037
50.022	-0.037
50.044	-0.037
50.067	-0.037
50.089	-0.037
50.111	-0.037
50.133	-0.037
50.156	-0.037
50.178	-0.037
50.200	-0.037
50.222	-0.037
50.244	-0.037
50.267	-0.037
50.289	-0.037
50.311	-0.037
50.333	-0.037

50.356	-0.037
50.378	-0.036
50.400	-0.036
50.422	-0.036
50.444	-0.036
50.467	-0.036
50.489	-0.036
50.511	-0.036
50.533	-0.036
50.556	-0.036
50.578	-0.036
50.600	-0.036
50.622	-0.036
50.644	-0.036
50.667	-0.036
50.689	-0.036
50.711	-0.036
50.733	-0.036
50.756	-0.036
50.778	-0.036
50.800	-0.036
50.822	-0.036
50.844	-0.036
50.867	-0.036
50.889	-0.036
50.911	-0.036
50.933	-0.036
50.956	-0.036
50.978	-0.036
51.000	-0.036
51.022	-0.036
51.044	-0.036
51.067	-0.036
51.089	-0.036
51.111	-0.036
51.133	-0.036
51.156	-0.036
51.178	-0.036
51.200	-0.036
51.222	-0.036
51.244	-0.036
51.267	-0.036
51.289	-0.036
51.311	-0.036
51.333	-0.036
51.356	-0.036
51.378	-0.036
51.400	-0.036
51.422	-0.036
51.444	-0.036
51.467	-0.036
51.489	-0.036
51.511	-0.035
51.533	-0.035
51.556	-0.035
51.578	-0.035
51.600	-0.035
51.622	-0.035
51.644	-0.035
51.667	-0.035
51.689	-0.035
51.711	-0.035
51.733	-0.035
51.756	-0.035
51.778	-0.035

51.800	-0.035
51.822	-0.035
51.844	-0.035
51.867	-0.035
51.889	-0.035
51.911	-0.035
51.933	-0.035
51.956	-0.035
51.978	-0.035
52.000	-0.035
52.022	-0.035
52.044	-0.035
52.067	-0.035
52.089	-0.035
52.111	-0.035
52.133	-0.035
52.156	-0.035
52.178	-0.035
52.200	-0.035
52.222	-0.035
52.244	-0.035
52.267	-0.035
52.289	-0.035
52.311	-0.035
52.333	-0.035
52.356	-0.035
52.378	-0.035
52.400	-0.035
52.422	-0.035
52.444	-0.035
52.467	-0.035
52.489	-0.035
52.511	-0.035
52.533	-0.035
52.556	-0.035
52.578	-0.035
52.600	-0.035
52.622	-0.035
52.644	-0.035
52.667	-0.035
52.689	-0.035
52.711	-0.035
52.733	-0.035
52.756	-0.035
52.778	-0.035
52.800	-0.035
52.822	-0.035
52.844	-0.034
52.867	-0.034
52.889	-0.034
52.911	-0.034
52.933	-0.034
52.956	-0.034
52.978	-0.034
53.000	-0.034
53.022	-0.034
53.044	-0.034
53.067	-0.034
53.089	-0.034
53.111	-0.034
53.133	-0.034
53.156	-0.034
53.178	-0.034
53.200	-0.034
53.222	-0.034

53.244	-0.034
53.267	-0.034
53.289	-0.034
53.311	-0.034
53.333	-0.034
53.356	-0.034
53.378	-0.034
53.400	-0.034
53.422	-0.034
53.444	-0.034
53.467	-0.034
53.489	-0.034
53.511	-0.034
53.533	-0.034
53.556	-0.034
53.578	-0.034
53.600	-0.034
53.622	-0.034
53.644	-0.034
53.667	-0.034
53.689	-0.034
53.711	-0.034
53.733	-0.034
53.756	-0.034
53.778	-0.034
53.800	-0.034
53.822	-0.034
53.844	-0.034
53.867	-0.034
53.889	-0.034
53.911	-0.034
53.933	-0.034
53.956	-0.034
53.978	-0.034
54.000	-0.034
54.022	-0.034
54.044	-0.034
54.067	-0.034
54.089	-0.034
54.111	-0.034
54.133	-0.034
54.156	-0.034
54.178	-0.034
54.200	-0.034
54.222	-0.034
54.244	-0.034
54.267	-0.034
54.289	-0.034
54.311	-0.034
54.333	-0.034
54.356	-0.034
54.378	-0.034
54.400	-0.034
54.422	-0.034
54.444	-0.033
54.467	-0.033
54.489	-0.033
54.511	-0.033
54.533	-0.033
54.556	-0.033
54.578	-0.033
54.600	-0.033
54.622	-0.033
54.644	-0.033
54.667	-0.033

54.689	-0.033
54.711	-0.033
54.733	-0.033
54.756	-0.033
54.778	-0.033
54.800	-0.033
54.822	-0.033
54.844	-0.033
54.867	-0.033
54.889	-0.033
54.911	-0.033
54.933	-0.033
54.956	-0.033
54.978	-0.033
55.000	-0.033
55.022	-0.033
55.044	-0.033
55.067	-0.033
55.089	-0.033
55.111	-0.033
55.133	-0.033
55.156	-0.033
55.178	-0.033
55.200	-0.033
55.222	-0.033
55.244	-0.033
55.267	-0.033
55.289	-0.033
55.311	-0.033
55.333	-0.033
55.356	-0.033
55.378	-0.033
55.400	-0.033
55.422	-0.033
55.444	-0.033
55.467	-0.033
55.489	-0.033
55.511	-0.033
55.533	-0.033
55.556	-0.033
55.578	-0.033
55.600	-0.033
55.622	-0.033
55.644	-0.033
55.667	-0.033
55.689	-0.033
55.711	-0.033
55.733	-0.033
55.756	-0.033
55.778	-0.033
55.800	-0.033
55.822	-0.033
55.844	-0.033
55.867	-0.033
55.889	-0.033
55.911	-0.033
55.933	-0.033
55.956	-0.033
55.978	-0.033
56.000	-0.033
56.022	-0.033
56.044	-0.033
56.067	-0.033
56.089	-0.033
56.111	-0.033

56.133	-0.033
56.156	-0.033
56.178	-0.033
56.200	-0.033
56.222	-0.033
56.244	-0.033
56.267	-0.033
56.289	-0.033
56.311	-0.033
56.333	-0.032
56.356	-0.032
56.378	-0.032
56.400	-0.032
56.422	-0.032
56.444	-0.032
56.467	-0.032
56.489	-0.032
56.511	-0.032
56.533	-0.032
56.556	-0.032
56.578	-0.032
56.600	-0.032
56.622	-0.032
56.644	-0.032
56.667	-0.032
56.689	-0.032
56.711	-0.032
56.733	-0.032
56.756	-0.032
56.778	-0.032
56.800	-0.032
56.822	-0.032
56.844	-0.032
56.867	-0.032
56.889	-0.032
56.911	-0.032
56.933	-0.032
56.956	-0.032
56.978	-0.032
57.000	-0.032
57.022	-0.032
57.044	-0.032
57.067	-0.032
57.089	-0.032
57.111	-0.032
57.133	-0.032
57.156	-0.032
57.178	-0.032
57.200	-0.032
57.222	-0.032
57.244	-0.032
57.267	-0.032
57.289	-0.032
57.311	-0.032
57.333	-0.032
57.356	-0.032
57.378	-0.032
57.400	-0.032
57.422	-0.032
57.444	-0.032
57.467	-0.032
57.489	-0.032
57.511	-0.032
57.533	-0.032
57.556	-0.032

57.578	-0.032
57.600	-0.032
57.622	-0.032
57.644	-0.032
57.667	-0.032
57.689	-0.032
57.711	-0.032
57.733	-0.032
57.756	-0.032
57.778	-0.032
57.800	-0.032
57.822	-0.032
57.844	-0.032
57.867	-0.032
57.889	-0.032
57.911	-0.032
57.933	-0.032
57.956	-0.032
57.978	-0.032
58.000	-0.032
58.022	-0.032
58.044	-0.032
58.067	-0.032
58.089	-0.032
58.111	-0.032
58.133	-0.032
58.156	-0.032
58.178	-0.032
58.200	-0.032
58.222	-0.032
58.244	-0.032
58.267	-0.032
58.289	-0.032
58.311	-0.032
58.333	-0.032
58.356	-0.031
58.378	-0.031
58.400	-0.031
58.422	-0.031
58.444	-0.031
58.467	-0.031
58.489	-0.031
58.511	-0.031
58.533	-0.031
58.556	-0.031
58.578	-0.031
58.600	-0.031
58.622	-0.031
58.644	-0.031
58.667	-0.031
58.689	-0.031
58.711	-0.031
58.733	-0.031
58.756	-0.031
58.778	-0.031
58.800	-0.031
58.822	-0.031
58.844	-0.031
58.867	-0.031
58.889	-0.031
58.911	-0.031
58.933	-0.031
58.956	-0.031
58.978	-0.031
59.000	-0.031

59.022	-0.031
59.044	-0.031
59.067	-0.031
59.089	-0.031
59.111	-0.031
59.133	-0.031
59.156	-0.031
59.178	-0.031
59.200	-0.031
59.222	-0.031
59.244	-0.031
59.267	-0.031
59.289	-0.031
59.311	-0.031
59.333	-0.031
59.356	-0.031
59.378	-0.031
59.400	-0.031
59.422	-0.031
59.444	-0.031
59.467	-0.031
59.489	-0.031
59.511	-0.031
59.533	-0.031
59.556	-0.031
59.578	-0.031
59.600	-0.031
59.622	-0.031
59.644	-0.031
59.667	-0.031
59.689	-0.031
59.711	-0.031
59.733	-0.031
59.756	-0.031
59.778	-0.031
59.800	-0.031
59.822	-0.031
59.844	-0.031
59.867	-0.031
59.889	-0.031
59.911	-0.031
59.933	-0.031
59.956	-0.031
59.978	-0.031
60.000	-0.031
60.022	-0.031
60.044	-0.031
60.067	-0.031
60.089	-0.031
60.111	-0.031
60.133	-0.031
60.156	-0.031
60.178	-0.031
60.200	-0.031
60.222	-0.031
60.244	-0.031
60.267	-0.031
60.289	-0.031
60.311	-0.031
60.333	-0.031
60.356	-0.031
60.378	-0.031
60.400	-0.031
60.422	-0.031
60.444	-0.031

60.467	-0.031
60.489	-0.031
60.511	-0.031
60.533	-0.031
60.556	-0.031
60.578	-0.031
60.600	-0.031
60.622	-0.031
60.644	-0.031
60.667	-0.031
60.689	-0.031
60.711	-0.031
60.733	-0.031
60.756	-0.031
60.778	-0.031
60.800	-0.031
60.822	-0.031
60.844	-0.031
60.867	-0.031
60.889	-0.031
60.911	-0.031
60.933	-0.031
60.956	-0.031
60.978	-0.031
61.000	-0.031
61.022	-0.031
61.044	-0.030
61.067	-0.030
61.089	-0.030
61.111	-0.030
61.133	-0.030
61.156	-0.030
61.178	-0.030
61.200	-0.030
61.222	-0.030
61.244	-0.030
61.267	-0.030
61.289	-0.030
61.311	-0.030
61.333	-0.030
61.356	-0.030
61.378	-0.030
61.400	-0.030
61.422	-0.030
61.444	-0.030
61.467	-0.030
61.489	-0.030
61.511	-0.030
61.533	-0.030
61.556	-0.030
61.578	-0.030
61.600	-0.030
61.622	-0.030
61.644	-0.030
61.667	-0.030
61.689	-0.030
61.711	-0.030
61.733	-0.030
61.756	-0.030
61.778	-0.030
61.800	-0.030
61.822	-0.030
61.844	-0.030
61.867	-0.030
61.889	-0.030

61.911	-0.030
61.933	-0.030
61.956	-0.030
61.978	-0.030
62.000	-0.030
62.022	-0.030
62.044	-0.030
62.067	-0.030
62.089	-0.030
62.111	-0.030
62.133	-0.030
62.156	-0.030
62.178	-0.030
62.200	-0.030
62.222	-0.030
62.244	-0.030
62.267	-0.030
62.289	-0.030
62.311	-0.030
62.333	-0.030
62.356	-0.030
62.378	-0.030
62.400	-0.030
62.422	-0.030
62.444	-0.030
62.467	-0.030
62.489	-0.030
62.511	-0.030
62.533	-0.030
62.556	-0.030
62.578	-0.030
62.600	-0.030
62.622	-0.030
62.644	-0.030
62.667	-0.030
62.689	-0.030
62.711	-0.030
62.733	-0.030
62.756	-0.030
62.778	-0.030
62.800	-0.030
62.822	-0.030
62.844	-0.030
62.867	-0.030
62.889	-0.030
62.911	-0.030
62.933	-0.030
62.956	-0.030
62.978	-0.030
63.000	-0.030
63.022	-0.030
63.044	-0.030
63.067	-0.030
63.089	-0.030
63.111	-0.030
63.133	-0.030
63.156	-0.030
63.178	-0.030
63.200	-0.030
63.222	-0.030
63.244	-0.030
63.267	-0.030
63.289	-0.030
63.311	-0.030
63.333	-0.030

63.356	-0.030
63.378	-0.030
63.400	-0.030
63.422	-0.030
63.444	-0.030
63.467	-0.030
63.489	-0.030
63.511	-0.030
63.533	-0.030
63.556	-0.030
63.578	-0.030
63.600	-0.030
63.622	-0.030
63.644	-0.030
63.667	-0.030
63.689	-0.030
63.711	-0.030
63.733	-0.030
63.756	-0.030
63.778	-0.030
63.800	-0.030
63.822	-0.030
63.844	-0.030
63.867	-0.030
63.889	-0.030
63.911	-0.030
63.933	-0.030
63.956	-0.030
63.978	-0.030
64.000	-0.030
64.022	-0.030
64.044	-0.030
64.067	-0.030
64.089	-0.030
64.111	-0.030
64.133	-0.030
64.156	-0.030
64.178	-0.030
64.200	-0.030
64.222	-0.029
64.244	-0.029
64.267	-0.029
64.289	-0.029
64.311	-0.029
64.333	-0.029
64.356	-0.029
64.378	-0.029
64.400	-0.029
64.422	-0.029
64.444	-0.029
64.467	-0.029
64.489	-0.029
64.511	-0.029
64.533	-0.029
64.556	-0.029
64.578	-0.029
64.600	-0.029
64.622	-0.029
64.644	-0.029
64.667	-0.029
64.689	-0.029
64.711	-0.029
64.733	-0.029
64.756	-0.029
64.778	-0.029

64.800	-0.029
64.822	-0.029
64.844	-0.029
64.867	-0.029
64.889	-0.029
64.911	-0.029
64.933	-0.029
64.956	-0.029
64.978	-0.029
65.000	-0.029
65.022	-0.029
65.044	-0.029
65.067	-0.029
65.089	-0.029
65.111	-0.029
65.133	-0.029
65.156	-0.029
65.178	-0.029
65.200	-0.029
65.222	-0.029
65.244	-0.029
65.267	-0.029
65.289	-0.029
65.311	-0.029
65.333	-0.029
65.356	-0.029
65.378	-0.029
65.400	-0.029
65.422	-0.029
65.444	-0.029
65.467	-0.029
65.489	-0.029
65.511	-0.029
65.533	-0.029
65.556	-0.029
65.578	-0.029
65.600	-0.029
65.622	-0.029
65.644	-0.029
65.667	-0.029
65.689	-0.029
65.711	-0.029
65.733	-0.029
65.756	-0.029
65.778	-0.029
65.800	-0.029
65.822	-0.029
65.844	-0.029
65.867	-0.029
65.889	-0.029
65.911	-0.029
65.933	-0.029
65.956	-0.029
65.978	-0.029
66.000	-0.029
66.022	-0.028
66.044	-0.028
66.067	-0.028
66.089	-0.028
66.111	-0.028
66.133	-0.028
66.156	-0.028
66.178	-0.028
66.200	-0.028
66.222	-0.028

66.244	-0.028
66.267	-0.028
66.289	-0.028
66.311	-0.028
66.333	-0.028
66.356	-0.028
66.378	-0.028
66.400	-0.028
66.422	-0.028
66.444	-0.028
66.467	-0.028
66.489	-0.028
66.511	-0.028
66.533	-0.028
66.556	-0.028
66.578	-0.028
66.600	-0.028
66.622	-0.028
66.644	-0.028
66.667	-0.028
66.689	-0.028
66.711	-0.028
66.733	-0.028
66.756	-0.028
66.778	-0.028
66.800	-0.028
66.822	-0.028
66.844	-0.028
66.867	-0.028
66.889	-0.028
66.911	-0.028
66.933	-0.028
66.956	-0.028
66.978	-0.028
67.000	-0.028
67.022	-0.028
67.044	-0.028
67.067	-0.028
67.089	-0.028
67.111	-0.028
67.133	-0.028
67.156	-0.028
67.178	-0.028
67.200	-0.028
67.222	-0.028
67.244	-0.028
67.267	-0.028
67.289	-0.028
67.311	-0.028
67.333	-0.028
67.356	-0.028
67.378	-0.028
67.400	-0.028
67.422	-0.028
67.444	-0.028
67.467	-0.028
67.489	-0.028
67.511	-0.027
67.533	-0.027
67.556	-0.027
67.578	-0.027
67.600	-0.027
67.622	-0.027
67.644	-0.027
67.667	-0.027

67.689	-0.027
67.711	-0.027
67.733	-0.027
67.756	-0.027
67.778	-0.027
67.800	-0.027
67.822	-0.027
67.844	-0.027
67.867	-0.027
67.889	-0.027
67.911	-0.027
67.933	-0.027
67.956	-0.027
67.978	-0.027
68.000	-0.027
68.022	-0.027
68.044	-0.027
68.067	-0.027
68.089	-0.027
68.111	-0.027
68.133	-0.027
68.156	-0.027
68.178	-0.027
68.200	-0.027
68.222	-0.027
68.244	-0.027
68.267	-0.027
68.289	-0.027
68.311	-0.027
68.333	-0.027
68.356	-0.027
68.378	-0.027
68.400	-0.027
68.422	-0.027
68.444	-0.027
68.467	-0.027
68.489	-0.027
68.511	-0.027
68.533	-0.027
68.556	-0.027
68.578	-0.027
68.600	-0.027
68.622	-0.027
68.644	-0.027
68.667	-0.027
68.689	-0.027
68.711	-0.027
68.733	-0.027
68.756	-0.027
68.778	-0.027
68.800	-0.027
68.822	-0.027
68.844	-0.027
68.867	-0.027
68.889	-0.027
68.911	-0.027
68.933	-0.027
68.956	-0.027
68.978	-0.027
69.000	-0.027
69.022	-0.027
69.044	-0.027
69.067	-0.027
69.089	-0.027
69.111	-0.027

69.133	-0.027
69.156	-0.027
69.178	-0.027
69.200	-0.027
69.222	-0.027
69.244	-0.027
69.267	-0.027
69.289	-0.026
69.311	-0.026
69.333	-0.026
69.356	-0.026
69.378	-0.026
69.400	-0.026
69.422	-0.026
69.444	-0.026
69.467	-0.026
69.489	-0.026
69.511	-0.026
69.533	-0.026
69.556	-0.026
69.578	-0.026
69.600	-0.026
69.622	-0.026
69.644	-0.026
69.667	-0.026
69.689	-0.026
69.711	-0.026
69.733	-0.026
69.756	-0.026
69.778	-0.026
69.800	-0.026
69.822	-0.026
69.844	-0.026
69.867	-0.026
69.889	-0.026
69.911	-0.026
69.933	-0.026
69.956	-0.026
69.978	-0.026
70.000	-0.026
70.022	-0.026
70.044	-0.026
70.067	-0.026
70.089	-0.026
70.111	-0.026
70.133	-0.026
70.156	-0.026
70.178	-0.026
70.200	-0.026
70.222	-0.026
70.244	-0.026
70.267	-0.026
70.289	-0.026
70.311	-0.026
70.333	-0.026
70.356	-0.026
70.378	-0.026
70.400	-0.026
70.422	-0.026
70.444	-0.026
70.467	-0.026
70.489	-0.026
70.511	-0.026
70.533	-0.026
70.556	-0.026

70.578	-0.026
70.600	-0.026
70.622	-0.026
70.644	-0.026
70.667	-0.026
70.689	-0.026
70.711	-0.026
70.733	-0.026
70.756	-0.026
70.778	-0.026
70.800	-0.026
70.822	-0.026
70.844	-0.026
70.867	-0.026
70.889	-0.026
70.911	-0.026
70.933	-0.026
70.956	-0.026
70.978	-0.026
71.000	-0.026
71.022	-0.026
71.044	-0.026
71.067	-0.026
71.089	-0.026
71.111	-0.026
71.133	-0.026
71.156	-0.026
71.178	-0.026
71.200	-0.026
71.222	-0.026
71.244	-0.026
71.267	-0.026
71.289	-0.026
71.311	-0.026
71.333	-0.026
71.356	-0.026
71.378	-0.026
71.400	-0.026
71.422	-0.026
71.444	-0.026
71.467	-0.026
71.489	-0.026
71.511	-0.025
71.533	-0.025
71.556	-0.025
71.578	-0.025
71.600	-0.025
71.622	-0.025
71.644	-0.025
71.667	-0.025
71.689	-0.025
71.711	-0.025
71.733	-0.025
71.756	-0.025
71.778	-0.025
71.800	-0.025
71.822	-0.025
71.844	-0.025
71.867	-0.025
71.889	-0.025
71.911	-0.025
71.933	-0.025
71.956	-0.025
71.978	-0.025
72.000	-0.025

72.022	-0.025
72.044	-0.025
72.067	-0.025
72.089	-0.025
72.111	-0.025
72.133	-0.025
72.156	-0.025
72.178	-0.025
72.200	-0.025
72.222	-0.025
72.244	-0.025
72.267	-0.025
72.289	-0.025
72.311	-0.025
72.333	-0.024
72.356	-0.024
72.378	-0.024
72.400	-0.024
72.422	-0.024
72.444	-0.024
72.467	-0.024
72.489	-0.024
72.511	-0.024
72.533	-0.024
72.556	-0.024
72.578	-0.024
72.600	-0.024
72.622	-0.024
72.644	-0.024
72.667	-0.024
72.689	-0.024
72.711	-0.024
72.733	-0.024
72.756	-0.024
72.778	-0.024
72.800	-0.024
72.822	-0.024
72.844	-0.024
72.867	-0.024
72.889	-0.024
72.911	-0.024
72.933	-0.024
72.956	-0.024
72.978	-0.024
73.000	-0.024
73.022	-0.023
73.044	-0.023
73.067	-0.023
73.089	-0.023
73.111	-0.023
73.133	-0.023
73.156	-0.023
73.178	-0.023
73.200	-0.023
73.222	-0.023
73.244	-0.023
73.267	-0.023
73.289	-0.023
73.311	-0.023
73.333	-0.023
73.356	-0.023
73.378	-0.023
73.400	-0.023
73.422	-0.023
73.444	-0.023

73.467	-0.023
73.489	-0.023
73.511	-0.023
73.533	-0.023
73.556	-0.023
73.578	-0.023
73.600	-0.023
73.622	-0.023
73.644	-0.023
73.667	-0.023
73.689	-0.023
73.711	-0.023
73.733	-0.023
73.756	-0.023
73.778	-0.023
73.800	-0.023
73.822	-0.023
73.844	-0.023
73.867	-0.023
73.889	-0.023
73.911	-0.023
73.933	-0.023
73.956	-0.023
73.978	-0.023
74.000	-0.023
74.022	-0.023
74.044	-0.023
74.067	-0.023
74.089	-0.023
74.111	-0.023
74.133	-0.023
74.156	-0.023
74.178	-0.023
74.200	-0.023
74.222	-0.023
74.244	-0.023
74.267	-0.023
74.289	-0.023
74.311	-0.023
74.333	-0.023
74.356	-0.023
74.378	-0.023
74.400	-0.023
74.422	-0.023
74.444	-0.023
74.467	-0.023
74.489	-0.023
74.511	-0.023
74.533	-0.023
74.556	-0.023
74.578	-0.023
74.600	-0.023
74.622	-0.023
74.644	-0.023
74.667	-0.023
74.689	-0.023
74.711	-0.023
74.733	-0.023
74.756	-0.023
74.778	-0.023
74.800	-0.023
74.822	-0.023
74.844	-0.023
74.867	-0.023
74.889	-0.023

74.911	-0.023
74.933	-0.023
74.956	-0.023
74.978	-0.023
75.000	-0.023
75.022	-0.023
75.044	-0.023
75.067	-0.022
75.089	-0.022
75.111	-0.022
75.133	-0.022
75.156	-0.022
75.178	-0.022
75.200	-0.022
75.222	-0.022
75.244	-0.022
75.267	-0.022
75.289	-0.022
75.311	-0.022
75.333	-0.022
75.356	-0.022
75.378	-0.022
75.400	-0.022
75.422	-0.022
75.444	-0.022
75.467	-0.022
75.489	-0.022
75.511	-0.022
75.533	-0.022
75.556	-0.022
75.578	-0.022
75.600	-0.022
75.622	-0.022
75.644	-0.022
75.667	-0.022
75.689	-0.022
75.711	-0.022
75.733	-0.022
75.756	-0.022
75.778	-0.022
75.800	-0.022
75.822	-0.022
75.844	-0.022
75.867	-0.022
75.889	-0.022
75.911	-0.022
75.933	-0.022
75.956	-0.022
75.978	-0.022
76.000	-0.022
76.022	-0.022
76.044	-0.022
76.067	-0.022
76.089	-0.022
76.111	-0.022
76.133	-0.022
76.156	-0.022
76.178	-0.022
76.200	-0.022
76.222	-0.022
76.244	-0.022
76.267	-0.022
76.289	-0.022
76.311	-0.022
76.333	-0.022

76.356	-0.022
76.378	-0.022
76.400	-0.022
76.422	-0.022
76.444	-0.022
76.467	-0.022
76.489	-0.022
76.511	-0.022
76.533	-0.022
76.556	-0.022
76.578	-0.022
76.600	-0.022
76.622	-0.022
76.644	-0.022
76.667	-0.022
76.689	-0.022
76.711	-0.022
76.733	-0.022
76.756	-0.022
76.778	-0.022
76.800	-0.022
76.822	-0.022
76.844	-0.022
76.867	-0.022
76.889	-0.022
76.911	-0.022
76.933	-0.022
76.956	-0.022
76.978	-0.022
77.000	-0.022
77.022	-0.022
77.044	-0.022
77.067	-0.022
77.089	-0.022
77.111	-0.022
77.133	-0.022
77.156	-0.022
77.178	-0.022
77.200	-0.022
77.222	-0.022
77.244	-0.021
77.267	-0.021
77.289	-0.021
77.311	-0.021
77.333	-0.021
77.356	-0.021
77.378	-0.021
77.400	-0.021
77.422	-0.021
77.444	-0.021
77.467	-0.021
77.489	-0.021
77.511	-0.021
77.533	-0.021
77.556	-0.021
77.578	-0.021
77.600	-0.021
77.622	-0.021
77.644	-0.021
77.667	-0.021
77.689	-0.021
77.711	-0.021
77.733	-0.021
77.756	-0.021
77.778	-0.021

77.800	-0.021
77.822	-0.021
77.844	-0.021
77.867	-0.021
77.889	-0.021
77.911	-0.021
77.933	-0.021
77.956	-0.021
77.978	-0.021
78.000	-0.021
78.022	-0.021
78.044	-0.021
78.067	-0.021
78.089	-0.021
78.111	-0.021
78.133	-0.021
78.156	-0.021
78.178	-0.021
78.200	-0.021
78.222	-0.021
78.244	-0.021
78.267	-0.021
78.289	-0.021
78.311	-0.021
78.333	-0.021
78.356	-0.021
78.378	-0.021
78.400	-0.021
78.422	-0.021
78.444	-0.021
78.467	-0.021
78.489	-0.021
78.511	-0.021
78.533	-0.021
78.556	-0.021
78.578	-0.021
78.600	-0.021
78.622	-0.021
78.644	-0.021
78.667	-0.021
78.689	-0.021
78.711	-0.021
78.733	-0.021
78.756	-0.021
78.778	-0.021
78.800	-0.021
78.822	-0.021
78.844	-0.021
78.867	-0.021
78.889	-0.021
78.911	-0.021
78.933	-0.021
78.956	-0.021
78.978	-0.021
79.000	-0.021
79.022	-0.021
79.044	-0.021
79.067	-0.021
79.089	-0.021
79.111	-0.021
79.133	-0.021
79.156	-0.021
79.178	-0.021
79.200	-0.021
79.222	-0.021

79.244	-0.021
79.267	-0.021
79.289	-0.021
79.311	-0.021
79.333	-0.021
79.356	-0.021
79.378	-0.021
79.400	-0.021
79.422	-0.021
79.444	-0.021
79.467	-0.021
79.489	-0.021
79.511	-0.021
79.533	-0.021
79.556	-0.021
79.578	-0.021
79.600	-0.021
79.622	-0.021
79.644	-0.021
79.667	-0.021
79.689	-0.021
79.711	-0.021
79.733	-0.021
79.756	-0.021
79.778	-0.021
79.800	-0.021
79.822	-0.021
79.844	-0.021
79.867	-0.021
79.889	-0.020
79.911	-0.020
79.933	-0.020
79.956	-0.020
79.978	-0.020
80.000	-0.020
80.022	-0.020
80.044	-0.020
80.067	-0.020
80.089	-0.020
80.111	-0.020
80.133	-0.020
80.156	-0.020
80.178	-0.020
80.200	-0.020
80.222	-0.020
80.244	-0.020
80.267	-0.020
80.289	-0.020
80.311	-0.020
80.333	-0.020
80.356	-0.020
80.378	-0.020
80.400	-0.020
80.422	-0.020
80.444	-0.020
80.467	-0.020
80.489	-0.020
80.511	-0.020
80.533	-0.020
80.556	-0.020
80.578	-0.020
80.600	-0.020
80.622	-0.020
80.644	-0.020
80.667	-0.020

80.689	-0.020
80.711	-0.020
80.733	-0.020
80.756	-0.020
80.778	-0.020
80.800	-0.020
80.822	-0.020
80.844	-0.020
80.867	-0.020
80.889	-0.020
80.911	-0.020
80.933	-0.020
80.956	-0.020
80.978	-0.020
81.000	-0.020
81.022	-0.020
81.044	-0.020
81.067	-0.020
81.089	-0.020
81.111	-0.020
81.133	-0.020
81.156	-0.020
81.178	-0.020
81.200	-0.020
81.222	-0.020
81.244	-0.020
81.267	-0.020
81.289	-0.020
81.311	-0.020
81.333	-0.020
81.356	-0.020
81.378	-0.020
81.400	-0.020
81.422	-0.020
81.444	-0.020
81.467	-0.020
81.489	-0.020
81.511	-0.020
81.533	-0.020
81.556	-0.020
81.578	-0.020
81.600	-0.020
81.622	-0.020
81.644	-0.020
81.667	-0.020
81.689	-0.020
81.711	-0.020
81.733	-0.020
81.756	-0.020
81.778	-0.020
81.800	-0.020
81.822	-0.020
81.844	-0.020
81.867	-0.020
81.889	-0.020
81.911	-0.020
81.933	-0.020
81.956	-0.020
81.978	-0.020
82.000	-0.020
82.022	-0.020
82.044	-0.020
82.067	-0.020
82.089	-0.020
82.111	-0.020

82.133	-0.020
82.156	-0.020
82.178	-0.020
82.200	-0.020
82.222	-0.020
82.244	-0.020
82.267	-0.020
82.289	-0.020
82.311	-0.020
82.333	-0.020
82.356	-0.020
82.378	-0.020
82.400	-0.020
82.422	-0.020
82.444	-0.019
82.467	-0.019
82.489	-0.019
82.511	-0.019
82.533	-0.019
82.556	-0.019
82.578	-0.019
82.600	-0.019
82.622	-0.019
82.644	-0.019
82.667	-0.019
82.689	-0.019
82.711	-0.019
82.733	-0.019
82.756	-0.019
82.778	-0.019
82.800	-0.019
82.822	-0.019
82.844	-0.019
82.867	-0.019
82.889	-0.019
82.911	-0.019
82.933	-0.019
82.956	-0.019
82.978	-0.019
83.000	-0.019
83.022	-0.019
83.044	-0.019
83.067	-0.019
83.089	-0.019
83.111	-0.019
83.133	-0.019
83.156	-0.019
83.178	-0.019
83.200	-0.019
83.222	-0.019
83.244	-0.019
83.267	-0.019
83.289	-0.019
83.311	-0.019
83.333	-0.019
83.356	-0.019
83.378	-0.019
83.400	-0.019
83.422	-0.019
83.444	-0.019
83.467	-0.019
83.489	-0.019
83.511	-0.019
83.533	-0.019
83.556	-0.019

83.578	-0.019
83.600	-0.019
83.622	-0.019
83.644	-0.019
83.667	-0.019
83.689	-0.019
83.711	-0.019
83.733	-0.019
83.756	-0.019
83.778	-0.019
83.800	-0.019
83.822	-0.019
83.844	-0.019
83.867	-0.019
83.889	-0.019
83.911	-0.019
83.933	-0.019
83.956	-0.019
83.978	-0.019
84.000	-0.019
84.022	-0.019
84.044	-0.019
84.067	-0.019
84.089	-0.019
84.111	-0.019
84.133	-0.019
84.156	-0.019
84.178	-0.019
84.200	-0.019
84.222	-0.019
84.244	-0.019
84.267	-0.019
84.289	-0.019
84.311	-0.019
84.333	-0.019
84.356	-0.019
84.378	-0.019
84.400	-0.019
84.422	-0.019
84.444	-0.019
84.467	-0.019
84.489	-0.019
84.511	-0.019
84.533	-0.019
84.556	-0.019
84.578	-0.019
84.600	-0.019
84.622	-0.019
84.644	-0.019
84.667	-0.019
84.689	-0.019
84.711	-0.019
84.733	-0.019
84.756	-0.019
84.778	-0.019
84.800	-0.019
84.822	-0.019
84.844	-0.019
84.867	-0.019
84.889	-0.019
84.911	-0.019
84.933	-0.019
84.956	-0.019
84.978	-0.019
85.000	-0.019

85.022	-0.019
85.044	-0.019
85.067	-0.019
85.089	-0.019
85.111	-0.019
85.133	-0.019
85.156	-0.019
85.178	-0.019
85.200	-0.019
85.222	-0.019
85.244	-0.019
85.267	-0.019
85.289	-0.019
85.311	-0.019
85.333	-0.019
85.356	-0.019
85.378	-0.019
85.400	-0.019
85.422	-0.019
85.444	-0.019
85.467	-0.019
85.489	-0.019
85.511	-0.019
85.533	-0.019
85.556	-0.019
85.578	-0.019
85.600	-0.019
85.622	-0.019
85.644	-0.019
85.667	-0.019
85.689	-0.019
85.711	-0.019
85.733	-0.019
85.756	-0.018
85.778	-0.018
85.800	-0.018
85.822	-0.018
85.844	-0.018
85.867	-0.018
85.889	-0.018
85.911	-0.018
85.933	-0.018
85.956	-0.018
85.978	-0.018
86.000	-0.018
86.022	-0.018
86.044	-0.018
86.067	-0.018
86.089	-0.018
86.111	-0.018
86.133	-0.018
86.156	-0.018
86.178	-0.018
86.200	-0.018
86.222	-0.018
86.244	-0.018
86.267	-0.018
86.289	-0.018
86.311	-0.018
86.333	-0.018
86.356	-0.018
86.378	-0.018
86.400	-0.018
86.422	-0.018
86.444	-0.018

86.467	-0.018
86.489	-0.018
86.511	-0.018
86.533	-0.018
86.556	-0.018
86.578	-0.018
86.600	-0.018
86.622	-0.018
86.644	-0.018
86.667	-0.018
86.689	-0.018
86.711	-0.018
86.733	-0.018
86.756	-0.018
86.778	-0.018
86.800	-0.018
86.822	-0.018
86.844	-0.018
86.867	-0.018
86.889	-0.018
86.911	-0.018
86.933	-0.018
86.956	-0.018
86.978	-0.018
87.000	-0.018
87.022	-0.018
87.044	-0.018
87.067	-0.018
87.089	-0.018
87.111	-0.018
87.133	-0.018
87.156	-0.018
87.178	-0.018
87.200	-0.018
87.222	-0.018
87.244	-0.018
87.267	-0.018
87.289	-0.018
87.311	-0.018
87.333	-0.018
87.356	-0.018
87.378	-0.018
87.400	-0.018
87.422	-0.018
87.444	-0.018
87.467	-0.018
87.489	-0.018
87.511	-0.018
87.533	-0.018
87.556	-0.018
87.578	-0.018
87.600	-0.018
87.622	-0.018
87.644	-0.018
87.667	-0.018
87.689	-0.018
87.711	-0.018
87.733	-0.018
87.756	-0.018
87.778	-0.018
87.800	-0.018
87.822	-0.018
87.844	-0.018
87.867	-0.018
87.889	-0.018

87.911	-0.018
87.933	-0.018
87.956	-0.018
87.978	-0.018
88.000	-0.018
88.022	-0.018
88.044	-0.018
88.067	-0.018
88.089	-0.018
88.111	-0.018
88.133	-0.018
88.156	-0.018
88.178	-0.018
88.200	-0.018
88.222	-0.018
88.244	-0.018
88.267	-0.018
88.289	-0.018
88.311	-0.018
88.333	-0.018
88.356	-0.018
88.378	-0.018
88.400	-0.018
88.422	-0.018
88.444	-0.018
88.467	-0.018
88.489	-0.018
88.511	-0.018
88.533	-0.018
88.556	-0.018
88.578	-0.018
88.600	-0.018
88.622	-0.018
88.644	-0.018
88.667	-0.018
88.689	-0.018
88.711	-0.018
88.733	-0.018
88.756	-0.018
88.778	-0.018
88.800	-0.018
88.822	-0.018
88.844	-0.018
88.867	-0.018
88.889	-0.018
88.911	-0.018
88.933	-0.018
88.956	-0.018
88.978	-0.018
89.000	-0.018
89.022	-0.018
89.044	-0.018
89.067	-0.018
89.089	-0.018
89.111	-0.018
89.133	-0.018
89.156	-0.018
89.178	-0.018
89.200	-0.018
89.222	-0.018
89.244	-0.018
89.267	-0.018
89.289	-0.018
89.311	-0.018
89.333	-0.018

89.356	-0.018
89.378	-0.018
89.400	-0.018
89.422	-0.018
89.444	-0.018
89.467	-0.018
89.489	-0.018
89.511	-0.018
89.533	-0.018
89.556	-0.018
89.578	-0.018
89.600	-0.018
89.622	-0.018
89.644	-0.018
89.667	-0.018
89.689	-0.018
89.711	-0.018
89.733	-0.018
89.756	-0.018
89.778	-0.018
89.800	-0.018
89.822	-0.018
89.844	-0.018
89.867	-0.018
89.889	-0.018
89.911	-0.018
89.933	-0.018
89.956	-0.018
89.978	-0.018
90.000	-0.018
90.022	-0.018
90.044	-0.018
90.067	-0.018
90.089	-0.018
90.111	-0.018
90.133	-0.018
90.156	-0.018
90.178	-0.018
90.200	-0.018
90.222	-0.018
90.244	-0.018
90.267	-0.018
90.289	-0.018
90.311	-0.018
90.333	-0.018
90.356	-0.018
90.378	-0.018
90.400	-0.018
90.422	-0.018
90.444	-0.018
90.467	-0.018
90.489	-0.018
90.511	-0.018
90.533	-0.018
90.556	-0.018
90.578	-0.018
90.600	-0.017
90.622	-0.017
90.644	-0.017
90.667	-0.017
90.689	-0.017
90.711	-0.017
90.733	-0.017
90.756	-0.017
90.778	-0.017

90.800	-0.017
90.822	-0.017
90.844	-0.017
90.867	-0.017
90.889	-0.017
90.911	-0.017
90.933	-0.017
90.956	-0.017
90.978	-0.017
91.000	-0.017
91.022	-0.017
91.044	-0.017
91.067	-0.017
91.089	-0.017
91.111	-0.017
91.133	-0.017
91.156	-0.017
91.178	-0.017
91.200	-0.017
91.222	-0.017
91.244	-0.017
91.267	-0.017
91.289	-0.017
91.311	-0.017
91.333	-0.017
91.356	-0.017
91.378	-0.017
91.400	-0.017
91.422	-0.017
91.444	-0.017
91.467	-0.017
91.489	-0.017
91.511	-0.017
91.533	-0.017
91.556	-0.017
91.578	-0.017
91.600	-0.017
91.622	-0.017
91.644	-0.017
91.667	-0.017
91.689	-0.017
91.711	-0.017
91.733	-0.017
91.756	-0.017
91.778	-0.017
91.800	-0.017
91.822	-0.017
91.844	-0.017
91.867	-0.017
91.889	-0.017
91.911	-0.017
91.933	-0.017
91.956	-0.017
91.978	-0.017
92.000	-0.017
92.022	-0.017
92.044	-0.017
92.067	-0.017
92.089	-0.017
92.111	-0.017
92.133	-0.017
92.156	-0.017
92.178	-0.017
92.200	-0.017
92.222	-0.017

92.244	-0.017
92.267	-0.017
92.289	-0.017
92.311	-0.017
92.333	-0.017
92.356	-0.017
92.378	-0.017
92.400	-0.017
92.422	-0.017
92.444	-0.017
92.467	-0.017
92.489	-0.017
92.511	-0.017
92.533	-0.017
92.556	-0.017
92.578	-0.017
92.600	-0.017
92.622	-0.017
92.644	-0.017
92.667	-0.017
92.689	-0.017
92.711	-0.017
92.733	-0.017
92.756	-0.017
92.778	-0.017
92.800	-0.017
92.822	-0.017
92.844	-0.017
92.867	-0.017
92.889	-0.017
92.911	-0.017
92.933	-0.017
92.956	-0.017
92.978	-0.017
93.000	-0.017
93.022	-0.017
93.044	-0.017
93.067	-0.017
93.089	-0.017
93.111	-0.017
93.133	-0.017
93.156	-0.017
93.178	-0.017
93.200	-0.017
93.222	-0.017
93.244	-0.017
93.267	-0.017
93.289	-0.017
93.311	-0.017
93.333	-0.017
93.356	-0.017
93.378	-0.017
93.400	-0.017
93.422	-0.017
93.444	-0.017
93.467	-0.017
93.489	-0.017
93.511	-0.017
93.533	-0.017
93.556	-0.017
93.578	-0.017
93.600	-0.017
93.622	-0.017
93.644	-0.017
93.667	-0.017

93.689	-0.017
93.711	-0.017
93.733	-0.017
93.756	-0.017
93.778	-0.017
93.800	-0.017
93.822	-0.017
93.844	-0.017
93.867	-0.017
93.889	-0.017
93.911	-0.017
93.933	-0.017
93.956	-0.017
93.978	-0.017
94.000	-0.017
94.022	-0.017
94.044	-0.017
94.067	-0.017
94.089	-0.017
94.111	-0.017
94.133	-0.017
94.156	-0.017
94.178	-0.017
94.200	-0.017
94.222	-0.017
94.244	-0.017
94.267	-0.017
94.289	-0.017
94.311	-0.017
94.333	-0.017
94.356	-0.017
94.378	-0.017
94.400	-0.017
94.422	-0.017
94.444	-0.017
94.467	-0.017
94.489	-0.017
94.511	-0.017
94.533	-0.017
94.556	-0.017
94.578	-0.017
94.600	-0.017
94.622	-0.017
94.644	-0.017
94.667	-0.017
94.689	-0.017
94.711	-0.017
94.733	-0.017
94.756	-0.017
94.778	-0.017
94.800	-0.017
94.822	-0.017
94.844	-0.017
94.867	-0.017
94.889	-0.017
94.911	-0.017
94.933	-0.017
94.956	-0.017
94.978	-0.017
95.000	-0.017
95.022	-0.017
95.044	-0.017
95.067	-0.017
95.089	-0.017
95.111	-0.017

95.133	-0.017
95.156	-0.017
95.178	-0.017
95.200	-0.017
95.222	-0.017
95.244	-0.017
95.267	-0.017
95.289	-0.017
95.311	-0.017
95.333	-0.017
95.356	-0.017
95.378	-0.017
95.400	-0.017
95.422	-0.017
95.444	-0.017
95.467	-0.017
95.489	-0.017
95.511	-0.017
95.533	-0.017
95.556	-0.017
95.578	-0.017
95.600	-0.017
95.622	-0.017
95.644	-0.017
95.667	-0.017
95.689	-0.017
95.711	-0.017
95.733	-0.017
95.756	-0.017
95.778	-0.017
95.800	-0.017
95.822	-0.017
95.844	-0.017
95.867	-0.017
95.889	-0.017
95.911	-0.017
95.933	-0.017
95.956	-0.017
95.978	-0.017
96.000	-0.017
96.022	-0.017
96.044	-0.017
96.067	-0.017
96.089	-0.017
96.111	-0.017
96.133	-0.017
96.156	-0.017
96.178	-0.017
96.200	-0.017
96.222	-0.017
96.244	-0.017
96.267	-0.017
96.289	-0.017
96.311	-0.017
96.333	-0.017
96.356	-0.017
96.378	-0.017
96.400	-0.017
96.422	-0.017
96.444	-0.017
96.467	-0.017
96.489	-0.017
96.511	-0.017
96.533	-0.017
96.556	-0.016

96.578	-0.016
96.600	-0.016
96.622	-0.016
96.644	-0.016
96.667	-0.016
96.689	-0.016
96.711	-0.016
96.733	-0.016
96.756	-0.016
96.778	-0.016
96.800	-0.016
96.822	-0.016
96.844	-0.016
96.867	-0.016
96.889	-0.016
96.911	-0.016
96.933	-0.016
96.956	-0.016
96.978	-0.016
97.000	-0.016
97.022	-0.016
97.044	-0.016
97.067	-0.016
97.089	-0.016
97.111	-0.016
97.133	-0.016
97.156	-0.016
97.178	-0.016
97.200	-0.016
97.222	-0.016
97.244	-0.016
97.267	-0.016
97.289	-0.016
97.311	-0.016
97.333	-0.016
97.356	-0.016
97.378	-0.016
97.400	-0.016
97.422	-0.016
97.444	-0.016
97.467	-0.016
97.489	-0.016
97.511	-0.016
97.533	-0.016
97.556	-0.016
97.578	-0.016
97.600	-0.016
97.622	-0.016
97.644	-0.016
97.667	-0.016
97.689	-0.016
97.711	-0.016
97.733	-0.016
97.756	-0.016
97.778	-0.016
97.800	-0.016
97.822	-0.016
97.844	-0.016
97.867	-0.016
97.889	-0.016
97.911	-0.016
97.933	-0.016
97.956	-0.016
97.978	-0.016
98.000	-0.016

98.022	-0.016
98.044	-0.016
98.067	-0.016
98.089	-0.016
98.111	-0.016
98.133	-0.016
98.156	-0.016
98.178	-0.016
98.200	-0.016
98.222	-0.016
98.244	-0.016
98.267	-0.016
98.289	-0.016
98.311	-0.016
98.333	-0.016
98.356	-0.016
98.378	-0.016
98.400	-0.016
98.422	-0.016
98.444	-0.016
98.467	-0.016
98.489	-0.016
98.511	-0.016
98.533	-0.016
98.556	-0.016
98.578	-0.016
98.600	-0.016
98.622	-0.016
98.644	-0.016
98.667	-0.016
98.689	-0.016
98.711	-0.016
98.733	-0.016
98.756	-0.016
98.778	-0.016
98.800	-0.016
98.822	-0.016
98.844	-0.016
98.867	-0.016
98.889	-0.016
98.911	-0.016
98.933	-0.016
98.956	-0.016
98.978	-0.016
99.000	-0.016
99.022	-0.016
99.044	-0.016
99.067	-0.016
99.089	-0.016
99.111	-0.016
99.133	-0.016
99.156	-0.016
99.178	-0.016
99.200	-0.016
99.222	-0.016
99.244	-0.016
99.267	-0.016
99.289	-0.016
99.311	-0.016
99.333	-0.016
99.356	-0.016
99.378	-0.016
99.400	-0.016
99.422	-0.016
99.444	-0.016

99.467	-0.016
99.489	-0.016
99.511	-0.016
99.533	-0.016
99.556	-0.016
99.578	-0.016
99.600	-0.016
99.622	-0.016
99.644	-0.016
99.667	-0.016
99.689	-0.016
99.711	-0.016
99.733	-0.016
99.756	-0.016
99.778	-0.016
99.800	-0.016
99.822	-0.016
99.844	-0.016
99.867	-0.016
99.889	-0.016
99.911	-0.016
99.933	-0.016
99.956	-0.016
99.978	-0.016
100.000	-0.016
100.022	-0.016
100.044	-0.016
100.067	-0.016
100.089	-0.016
100.111	-0.016
100.133	-0.016
100.156	-0.016
100.178	-0.016
100.200	-0.016
100.222	-0.016
100.244	-0.016
100.267	-0.016
100.289	-0.016
100.311	-0.016
100.333	-0.016
100.356	-0.016
100.378	-0.016
100.400	-0.016
100.422	-0.016
100.444	-0.016
100.467	-0.016
100.489	-0.016
100.511	-0.016
100.533	-0.016
100.556	-0.016
100.578	-0.016
100.600	-0.016
100.622	-0.016
100.644	-0.016
100.667	-0.016
100.689	-0.016
100.711	-0.016
100.733	-0.016
100.756	-0.016
100.778	-0.016
100.800	-0.016
100.822	-0.016
100.844	-0.016
100.867	-0.016
100.889	-0.016

100.911	-0.016
100.933	-0.016
100.956	-0.016
100.978	-0.016
101.000	-0.016
101.022	-0.016
101.044	-0.016
101.067	-0.016
101.089	-0.016
101.111	-0.016
101.133	-0.016
101.156	-0.016
101.178	-0.016
101.200	-0.016
101.222	-0.016
101.244	-0.016
101.267	-0.016
101.289	-0.016
101.311	-0.016
101.333	-0.016
101.356	-0.016
101.378	-0.016
101.400	-0.016
101.422	-0.016
101.444	-0.016
101.467	-0.016
101.489	-0.016
101.511	-0.016
101.533	-0.016
101.556	-0.016
101.578	-0.016
101.600	-0.016
101.622	-0.016
101.644	-0.016
101.667	-0.016
101.689	-0.016
101.711	-0.016
101.733	-0.016
101.756	-0.016
101.778	-0.016
101.800	-0.016
101.822	-0.016
101.844	-0.016
101.867	-0.016
101.889	-0.016
101.911	-0.016
101.933	-0.016
101.956	-0.016
101.978	-0.016
102.000	-0.016
102.022	-0.016
102.044	-0.016
102.067	-0.016
102.089	-0.016
102.111	-0.016
102.133	-0.016
102.156	-0.016
102.178	-0.016
102.200	-0.016
102.222	-0.016
102.244	-0.016
102.267	-0.016
102.289	-0.016
102.311	-0.016
102.333	-0.016

102.356	-0.016
102.378	-0.016
102.400	-0.016
102.422	-0.016
102.444	-0.016
102.467	-0.016
102.489	-0.016
102.511	-0.016
102.533	-0.016
102.556	-0.016
102.578	-0.016
102.600	-0.016
102.622	-0.016
102.644	-0.016
102.667	-0.016
102.689	-0.016
102.711	-0.016
102.733	-0.016
102.756	-0.016
102.778	-0.016
102.800	-0.016
102.822	-0.016
102.844	-0.016
102.867	-0.016
102.889	-0.016
102.911	-0.016
102.933	-0.016
102.956	-0.016
102.978	-0.016
103.000	-0.016
103.022	-0.016
103.044	-0.016
103.067	-0.016
103.089	-0.016
103.111	-0.016
103.133	-0.016
103.156	-0.016
103.178	-0.016
103.200	-0.016
103.222	-0.016
103.244	-0.016
103.267	-0.016
103.289	-0.016
103.311	-0.016
103.333	-0.016
103.356	-0.016
103.378	-0.016
103.400	-0.016
103.422	-0.016
103.444	-0.016
103.467	-0.016
103.489	-0.016
103.511	-0.016
103.533	-0.016
103.556	-0.016
103.578	-0.016
103.600	-0.016
103.622	-0.016
103.644	-0.016
103.667	-0.016
103.689	-0.016
103.711	-0.016
103.733	-0.016
103.756	-0.016
103.778	-0.016

103.800	-0.016
103.822	-0.016
103.844	-0.016
103.867	-0.015
103.889	-0.015
103.911	-0.015
103.933	-0.015
103.956	-0.015
103.978	-0.015
104.000	-0.015
104.022	-0.015
104.044	-0.015
104.067	-0.015
104.089	-0.015
104.111	-0.015
104.133	-0.015
104.156	-0.015
104.178	-0.015
104.200	-0.015
104.222	-0.015
104.244	-0.015
104.267	-0.015
104.289	-0.015
104.311	-0.015
104.333	-0.015
104.356	-0.015
104.378	-0.015
104.400	-0.015
104.422	-0.015
104.444	-0.015
104.467	-0.015
104.489	-0.015
104.511	-0.015
104.533	-0.015
104.556	-0.015
104.578	-0.015
104.600	-0.015
104.622	-0.015
104.644	-0.015
104.667	-0.015
104.689	-0.015
104.711	-0.015
104.733	-0.015
104.756	-0.015
104.778	-0.015
104.800	-0.015
104.822	-0.015
104.844	-0.015
104.867	-0.015
104.889	-0.015
104.911	-0.015
104.933	-0.015
104.956	-0.015
104.978	-0.015
105.000	-0.015
105.022	-0.015
105.044	-0.015
105.067	-0.015
105.089	-0.015
105.111	-0.015
105.133	-0.015
105.156	-0.015
105.178	-0.015
105.200	-0.015
105.222	-0.015

105.244	-0.015
105.267	-0.015
105.289	-0.015
105.311	-0.015
105.333	-0.015
105.356	-0.015
105.378	-0.015
105.400	-0.015
105.422	-0.015
105.444	-0.015
105.467	-0.015
105.489	-0.015
105.511	-0.015
105.533	-0.015
105.556	-0.015
105.578	-0.015
105.600	-0.015
105.622	-0.015
105.644	-0.015
105.667	-0.015
105.689	-0.015
105.711	-0.015
105.733	-0.015
105.756	-0.015
105.778	-0.015
105.800	-0.015
105.822	-0.015
105.844	-0.015
105.867	-0.015
105.889	-0.015
105.911	-0.015
105.933	-0.015
105.956	-0.015
105.978	-0.015
106.000	-0.015
106.022	-0.015
106.044	-0.015
106.067	-0.015
106.089	-0.015
106.111	-0.015
106.133	-0.015
106.156	-0.015
106.178	-0.015
106.200	-0.015
106.222	-0.015
106.244	-0.015
106.267	-0.015
106.289	-0.015
106.311	-0.015
106.333	-0.015
106.356	-0.015
106.378	-0.015
106.400	-0.015
106.422	-0.015
106.444	-0.015
106.467	-0.015
106.489	-0.015
106.511	-0.015
106.533	-0.015
106.556	-0.015
106.578	-0.015
106.600	-0.015
106.622	-0.015
106.644	-0.015
106.667	-0.015

106.689	-0.015
106.711	-0.015
106.733	-0.015
106.756	-0.015
106.778	-0.015
106.800	-0.015
106.822	-0.015
106.844	-0.015
106.867	-0.015
106.889	-0.015
106.911	-0.015
106.933	-0.015
106.956	-0.015
106.978	-0.015
107.000	-0.015
107.022	-0.015
107.044	-0.015
107.067	-0.015
107.089	-0.015
107.111	-0.015
107.133	-0.015
107.156	-0.015
107.178	-0.015
107.200	-0.015
107.222	-0.015
107.244	-0.015
107.267	-0.015
107.289	-0.015
107.311	-0.015
107.333	-0.015
107.356	-0.015
107.378	-0.015
107.400	-0.015
107.422	-0.015
107.444	-0.015
107.467	-0.015
107.489	-0.015
107.511	-0.015
107.533	-0.015
107.556	-0.015
107.578	-0.015
107.600	-0.015
107.622	-0.015
107.644	-0.015
107.667	-0.015
107.689	-0.015
107.711	-0.015
107.733	-0.015
107.756	-0.015
107.778	-0.015
107.800	-0.015
107.822	-0.015
107.844	-0.015
107.867	-0.015
107.889	-0.015
107.911	-0.015
107.933	-0.015
107.956	-0.015
107.978	-0.015
108.000	-0.015
108.022	-0.015
108.044	-0.015
108.067	-0.015
108.089	-0.015
108.111	-0.015

108.133	-0.015
108.156	-0.015
108.178	-0.015
108.200	-0.015
108.222	-0.015
108.244	-0.015
108.267	-0.015
108.289	-0.015
108.311	-0.015
108.333	-0.015
108.356	-0.015
108.378	-0.015
108.400	-0.015
108.422	-0.015
108.444	-0.015
108.467	-0.015
108.489	-0.015
108.511	-0.015
108.533	-0.015
108.556	-0.015
108.578	-0.015
108.600	-0.015
108.622	-0.015
108.644	-0.015
108.667	-0.015
108.689	-0.015
108.711	-0.015
108.733	-0.015
108.756	-0.015
108.778	-0.015
108.800	-0.015
108.822	-0.015
108.844	-0.015
108.867	-0.015
108.889	-0.015
108.911	-0.015
108.933	-0.015
108.956	-0.015
108.978	-0.015
109.000	-0.015
109.022	-0.015
109.044	-0.015
109.067	-0.015
109.089	-0.015
109.111	-0.015
109.133	-0.015
109.156	-0.015
109.178	-0.015
109.200	-0.015
109.222	-0.015
109.244	-0.015
109.267	-0.015
109.289	-0.015
109.311	-0.015
109.333	-0.015
109.356	-0.015
109.378	-0.015
109.400	-0.015
109.422	-0.015
109.444	-0.015
109.467	-0.015
109.489	-0.015
109.511	-0.015
109.533	-0.015
109.556	-0.015

109.578	-0.015
109.600	-0.015
109.622	-0.015
109.644	-0.015
109.667	-0.015
109.689	-0.015
109.711	-0.015
109.733	-0.015
109.756	-0.015
109.778	-0.015
109.800	-0.015
109.822	-0.015
109.844	-0.015
109.867	-0.015
109.889	-0.015
109.911	-0.015
109.933	-0.015
109.956	-0.015
109.978	-0.015
110.000	-0.015
110.022	-0.015
110.044	-0.015
110.067	-0.015
110.089	-0.015
110.111	-0.015
110.133	-0.015
110.156	-0.015
110.178	-0.015
110.200	-0.015
110.222	-0.015
110.244	-0.014
110.267	-0.014
110.289	-0.014
110.311	-0.014
110.333	-0.014
110.356	-0.014
110.378	-0.014
110.400	-0.014
110.422	-0.014
110.444	-0.014
110.467	-0.014
110.489	-0.014
110.511	-0.014
110.533	-0.014
110.556	-0.014
110.578	-0.014
110.600	-0.014
110.622	-0.014
110.644	-0.014
110.667	-0.014
110.689	-0.014
110.711	-0.014
110.733	-0.014
110.756	-0.014
110.778	-0.014
110.800	-0.014
110.822	-0.014
110.844	-0.014
110.867	-0.014
110.889	-0.014
110.911	-0.014
110.933	-0.014
110.956	-0.014
110.978	-0.014
111.000	-0.014

111.022	-0.014
111.044	-0.014
111.067	-0.014
111.089	-0.014
111.111	-0.014
111.133	-0.014
111.156	-0.014
111.178	-0.014
111.200	-0.014
111.222	-0.014
111.244	-0.014
111.267	-0.014
111.289	-0.014
111.311	-0.014
111.333	-0.014
111.356	-0.014
111.378	-0.014
111.400	-0.014
111.422	-0.014
111.444	-0.014
111.467	-0.014
111.489	-0.014
111.511	-0.014
111.533	-0.014
111.556	-0.014
111.578	-0.014
111.600	-0.014
111.622	-0.014
111.644	-0.014
111.667	-0.014
111.689	-0.014
111.711	-0.014
111.733	-0.014
111.756	-0.014
111.778	-0.014
111.800	-0.014
111.822	-0.014
111.844	-0.014
111.867	-0.014
111.889	-0.014
111.911	-0.014
111.933	-0.014
111.956	-0.014
111.978	-0.014
112.000	-0.014
112.022	-0.014
112.044	-0.014
112.067	-0.014
112.089	-0.014
112.111	-0.014
112.133	-0.014
112.156	-0.014
112.178	-0.014
112.200	-0.014
112.222	-0.014
112.244	-0.014
112.267	-0.014
112.289	-0.014
112.311	-0.014
112.333	-0.014
112.356	-0.014
112.378	-0.014
112.400	-0.014
112.422	-0.014
112.444	-0.014

112.467	-0.014
112.489	-0.014
112.511	-0.014
112.533	-0.014
112.556	-0.014
112.578	-0.014
112.600	-0.014
112.622	-0.014
112.644	-0.014
112.667	-0.014
112.689	-0.014
112.711	-0.014
112.733	-0.014
112.756	-0.014
112.778	-0.014
112.800	-0.014
112.822	-0.014
112.844	-0.014
112.867	-0.014
112.889	-0.014
112.911	-0.014
112.933	-0.014
112.956	-0.014
112.978	-0.014
113.000	-0.014
113.022	-0.014
113.044	-0.014
113.067	-0.014
113.089	-0.014
113.111	-0.014
113.133	-0.014
113.156	-0.014
113.178	-0.014
113.200	-0.014
113.222	-0.014
113.244	-0.014
113.267	-0.014
113.289	-0.014
113.311	-0.014
113.333	-0.014
113.356	-0.014
113.378	-0.014
113.400	-0.014
113.422	-0.014
113.444	-0.014
113.467	-0.014
113.489	-0.014
113.511	-0.014
113.533	-0.014
113.556	-0.014
113.578	-0.014
113.600	-0.014
113.622	-0.014
113.644	-0.014
113.667	-0.014
113.689	-0.014
113.711	-0.014
113.733	-0.014
113.756	-0.014
113.778	-0.014
113.800	-0.014
113.822	-0.014
113.844	-0.014
113.867	-0.014
113.889	-0.014

113.911	-0.014
113.933	-0.014
113.956	-0.014
113.978	-0.014
114.000	-0.014
114.022	-0.014
114.044	-0.014
114.067	-0.014
114.089	-0.014
114.111	-0.014
114.133	-0.014
114.156	-0.014
114.178	-0.014
114.200	-0.014
114.222	-0.014
114.244	-0.014
114.267	-0.014
114.289	-0.014
114.311	-0.014
114.333	-0.014
114.356	-0.014
114.378	-0.014
114.400	-0.014
114.422	-0.014
114.444	-0.014
114.467	-0.014
114.489	-0.014
114.511	-0.014
114.533	-0.014
114.556	-0.014
114.578	-0.014
114.600	-0.014
114.622	-0.014
114.644	-0.014
114.667	-0.014
114.689	-0.014
114.711	-0.014
114.733	-0.014
114.756	-0.014
114.778	-0.014
114.800	-0.014
114.822	-0.014
114.844	-0.014
114.867	-0.014
114.889	-0.014
114.911	-0.014
114.933	-0.014
114.956	-0.014
114.978	-0.014
115.000	-0.014
115.022	-0.014
115.044	-0.014
115.067	-0.014
115.089	-0.014
115.111	-0.014
115.133	-0.014
115.156	-0.014
115.178	-0.014
115.200	-0.014
115.222	-0.014
115.244	-0.014
115.267	-0.014
115.289	-0.014
115.311	-0.014
115.333	-0.014

115.356	-0.014
115.378	-0.014
115.400	-0.014
115.422	-0.014
115.444	-0.014
115.467	-0.014
115.489	-0.014
115.511	-0.014
115.533	-0.014
115.556	-0.014
115.578	-0.014
115.600	-0.014
115.622	-0.014
115.644	-0.014
115.667	-0.014
115.689	-0.014
115.711	-0.014
115.733	-0.014
115.756	-0.014
115.778	-0.014
115.800	-0.014
115.822	-0.014
115.844	-0.014
115.867	-0.014
115.889	-0.014
115.911	-0.014
115.933	-0.014
115.956	-0.014
115.978	-0.014
116.000	-0.014
116.022	-0.014
116.044	-0.014
116.067	-0.014
116.089	-0.014
116.111	-0.014
116.133	-0.014
116.156	-0.014
116.178	-0.014
116.200	-0.014
116.222	-0.014
116.244	-0.014
116.267	-0.014
116.289	-0.014
116.311	-0.014
116.333	-0.014
116.356	-0.014
116.378	-0.014
116.400	-0.014
116.422	-0.014
116.444	-0.014
116.467	-0.014
116.489	-0.014
116.511	-0.014
116.533	-0.014
116.556	-0.014
116.578	-0.014
116.600	-0.014
116.622	-0.014
116.644	-0.014
116.667	-0.014
116.689	-0.014
116.711	-0.014
116.733	-0.014
116.756	-0.014
116.778	-0.014

116.800	-0.014
116.822	-0.014
116.844	-0.014
116.867	-0.014
116.889	-0.014
116.911	-0.014
116.933	-0.014
116.956	-0.014
116.978	-0.014
117.000	-0.014
117.022	-0.014
117.044	-0.014
117.067	-0.014
117.089	-0.014
117.111	-0.014
117.133	-0.014
117.156	-0.014
117.178	-0.014
117.200	-0.014
117.222	-0.014
117.244	-0.014
117.267	-0.014
117.289	-0.014
117.311	-0.014
117.333	-0.014
117.356	-0.014
117.378	-0.014
117.400	-0.014
117.422	-0.014
117.444	-0.014
117.467	-0.014
117.489	-0.014
117.511	-0.014
117.533	-0.014
117.556	-0.014
117.578	-0.014
117.600	-0.014
117.622	-0.014
117.644	-0.014
117.667	-0.014
117.689	-0.014
117.711	-0.014
117.733	-0.014
117.756	-0.014
117.778	-0.014
117.800	-0.014
117.822	-0.014
117.844	-0.014
117.867	-0.014
117.889	-0.014
117.911	-0.014
117.933	-0.014
117.956	-0.014
117.978	-0.014
118.000	-0.014
118.022	-0.014
118.044	-0.014
118.067	-0.014
118.089	-0.014
118.111	-0.014
118.133	-0.014
118.156	-0.014
118.178	-0.014
118.200	-0.014
118.222	-0.014

118.244	-0.014
118.267	-0.014
118.289	-0.014
118.311	-0.014
118.333	-0.014
118.356	-0.014
118.378	-0.014
118.400	-0.014
118.422	-0.014
118.444	-0.014
118.467	-0.014
118.489	-0.014
118.511	-0.014
118.533	-0.014
118.556	-0.014
118.578	-0.014
118.600	-0.014
118.622	-0.014
118.644	-0.014
118.667	-0.014
118.689	-0.014
118.711	-0.014
118.733	-0.014
118.756	-0.014
118.778	-0.014
118.800	-0.014
118.822	-0.014
118.844	-0.014
118.867	-0.014
118.889	-0.014
118.911	-0.014
118.933	-0.014
118.956	-0.014
118.978	-0.014
119.000	-0.014
119.022	-0.014
119.044	-0.014
119.067	-0.014
119.089	-0.014
119.111	-0.014
119.133	-0.014
119.156	-0.014
119.178	-0.014
119.200	-0.014
119.222	-0.014
119.244	-0.014
119.267	-0.014
119.289	-0.014
119.311	-0.014
119.333	-0.014
119.356	-0.014
119.378	-0.014
119.400	-0.014
119.422	-0.014
119.444	-0.014
119.467	-0.014
119.489	-0.014
119.511	-0.014
119.533	-0.014
119.556	-0.014
119.578	-0.014
119.600	-0.014
119.622	-0.014
119.644	-0.014
119.667	-0.014

119.689	-0.014
119.711	-0.014
119.733	-0.014
119.756	-0.014
119.778	-0.014
119.800	-0.014
119.822	-0.014
119.844	-0.014
119.867	-0.014
119.889	-0.014
119.911	-0.014
119.933	-0.014
119.956	-0.014
119.978	-0.014
120.000	-0.014
120.022	-0.014
120.044	-0.014
120.067	-0.014
120.089	-0.014
120.111	-0.014
120.133	-0.014
120.156	-0.014
120.178	-0.014
120.200	-0.014
120.222	-0.014
120.244	-0.014
120.267	-0.014
120.289	-0.014
120.311	-0.014
120.333	-0.014
120.356	-0.014
120.378	-0.014
120.400	-0.014
120.422	-0.014
120.444	-0.014
120.467	-0.014
120.489	-0.014
120.511	-0.014
120.533	-0.014
120.556	-0.014
120.578	-0.014
120.600	-0.014
120.622	-0.014
120.644	-0.014
120.667	-0.014
120.689	-0.014
120.711	-0.014
120.733	-0.014
120.756	-0.014
120.778	-0.014
120.800	-0.014
120.822	-0.014
120.844	-0.014
120.867	-0.014
120.889	-0.014
120.911	-0.014
120.933	-0.014
120.956	-0.014
120.978	-0.014
121.000	-0.014
121.022	-0.014
121.044	-0.014
121.067	-0.014
121.089	-0.014
121.111	-0.014

121.133	-0.014
121.156	-0.014
121.178	-0.014
121.200	-0.014
121.222	-0.014
121.244	-0.014
121.267	-0.014
121.289	-0.014
121.311	-0.014
121.333	-0.014
121.356	-0.014
121.378	-0.014
121.400	-0.014
121.422	-0.014
121.444	-0.014
121.467	-0.014
121.489	-0.014
121.511	-0.014
121.533	-0.014
121.556	-0.014
121.578	-0.014
121.600	-0.014
121.622	-0.014
121.644	-0.014
121.667	-0.014
121.689	-0.014
121.711	-0.014
121.733	-0.014
121.756	-0.014
121.778	-0.014
121.800	-0.014
121.822	-0.014
121.844	-0.014
121.867	-0.014
121.889	-0.014
121.911	-0.014
121.933	-0.014
121.956	-0.014
121.978	-0.014
122.000	-0.014
122.022	-0.014
122.044	-0.014
122.067	-0.014
122.089	-0.014
122.111	-0.014
122.133	-0.014
122.156	-0.014
122.178	-0.014
122.200	-0.014
122.222	-0.014
122.244	-0.014
122.267	-0.014
122.289	-0.014
122.311	-0.014
122.333	-0.014
122.356	-0.014
122.378	-0.014
122.400	-0.014
122.422	-0.014
122.444	-0.014
122.467	-0.014
122.489	-0.014
122.511	-0.014
122.533	-0.014
122.556	-0.014

122.578	-0.014
122.600	-0.014
122.622	-0.014
122.644	-0.014
122.667	-0.014
122.689	-0.014
122.711	-0.014
122.733	-0.014
122.756	-0.014
122.778	-0.014
122.800	-0.014
122.822	-0.014
122.844	-0.014
122.867	-0.014
122.889	-0.014
122.911	-0.014
122.933	-0.014
122.956	-0.014
122.978	-0.014
123.000	-0.014
123.022	-0.014
123.044	-0.014
123.067	-0.014
123.089	-0.014
123.111	-0.014
123.133	-0.014
123.156	-0.014
123.178	-0.014
123.200	-0.014
123.222	-0.014
123.244	-0.014
123.267	-0.014
123.289	-0.014
123.311	-0.014
123.333	-0.014
123.356	-0.014
123.378	-0.014
123.400	-0.014
123.422	-0.014
123.444	-0.014
123.467	-0.014
123.489	-0.014
123.511	-0.014
123.533	-0.014
123.556	-0.014
123.578	-0.014
123.600	-0.014
123.622	-0.014
123.644	-0.014
123.667	-0.014
123.689	-0.014
123.711	-0.014
123.733	-0.014
123.756	-0.014
123.778	-0.014
123.800	-0.014
123.822	-0.014
123.844	-0.014
123.867	-0.014
123.889	-0.014
123.911	-0.014
123.933	-0.014
123.956	-0.014
123.978	-0.014
124.000	-0.014

124.022	-0.014
124.044	-0.014
124.067	-0.014
124.089	-0.014
124.111	-0.014
124.133	-0.014
124.156	-0.014
124.178	-0.014
124.200	-0.014
124.222	-0.014
124.244	-0.014
124.267	-0.014
124.289	-0.014
124.311	-0.014
124.333	-0.014
124.356	-0.014
124.378	-0.014
124.400	-0.014
124.422	-0.014
124.444	-0.014
124.467	-0.014
124.489	-0.014
124.511	-0.014
124.533	-0.014
124.556	-0.014
124.578	-0.014
124.600	-0.014
124.622	-0.014
124.644	-0.014
124.667	-0.014
124.689	-0.014
124.711	-0.014
124.733	-0.014
124.756	-0.014
124.778	-0.014
124.800	-0.014
124.822	-0.014
124.844	-0.013
124.867	-0.013
124.889	-0.013
124.911	-0.013
124.933	-0.013
124.956	-0.013
124.978	-0.013
125.000	-0.013
125.022	-0.013
125.044	-0.013
125.067	-0.013
125.089	-0.013
125.111	-0.013
125.133	-0.013
125.156	-0.013
125.178	-0.013
125.200	-0.013
125.222	-0.013
125.244	-0.013
125.267	-0.013
125.289	-0.013
125.311	-0.013
125.333	-0.013
125.356	-0.013
125.378	-0.013
125.400	-0.013
125.422	-0.013
125.444	-0.013

125.467	-0.013
125.489	-0.013
125.511	-0.013
125.533	-0.013
125.556	-0.013
125.578	-0.013
125.600	-0.013
125.622	-0.013
125.644	-0.013
125.667	-0.013
125.689	-0.013
125.711	-0.013
125.733	-0.013
125.756	-0.013
125.778	-0.013
125.800	-0.013
125.822	-0.013
125.844	-0.013
125.867	-0.013
125.889	-0.013
125.911	-0.013
125.933	-0.013
125.956	-0.013
125.978	-0.013
126.000	-0.013
126.022	-0.013
126.044	-0.013
126.067	-0.013
126.089	-0.013
126.111	-0.013
126.133	-0.013
126.156	-0.013
126.178	-0.013
126.200	-0.013
126.222	-0.013
126.244	-0.013
126.267	-0.013
126.289	-0.013
126.311	-0.013
126.333	-0.013
126.356	-0.013
126.378	-0.013
126.400	-0.013
126.422	-0.013
126.444	-0.013
126.467	-0.013
126.489	-0.013
126.511	-0.013
126.533	-0.013
126.556	-0.013
126.578	-0.013
126.600	-0.013
126.622	-0.013
126.644	-0.013
126.667	-0.013
126.689	-0.013
126.711	-0.013
126.733	-0.013
126.756	-0.013
126.778	-0.013
126.800	-0.013
126.822	-0.013
126.844	-0.013
126.867	-0.013
126.889	-0.013

126.911	-0.013
126.933	-0.013
126.956	-0.013
126.978	-0.013
127.000	-0.013
127.022	-0.013
127.044	-0.013
127.067	-0.013
127.089	-0.013
127.111	-0.013
127.133	-0.013
127.156	-0.013
127.178	-0.013
127.200	-0.013
127.222	-0.013
127.244	-0.013
127.267	-0.013
127.289	-0.013
127.311	-0.013
127.333	-0.013
127.356	-0.013
127.378	-0.013
127.400	-0.013
127.422	-0.013
127.444	-0.013
127.467	-0.013
127.489	-0.013
127.511	-0.013
127.533	-0.013
127.556	-0.013
127.578	-0.013
127.600	-0.013
127.622	-0.013
127.644	-0.013
127.667	-0.013
127.689	-0.013
127.711	-0.013
127.733	-0.013
127.756	-0.013
127.778	-0.013
127.800	-0.013
127.822	-0.013
127.844	-0.013
127.867	-0.013
127.889	-0.013
127.911	-0.013
127.933	-0.013
127.956	-0.013
127.978	-0.013
128.000	-0.013
128.022	-0.013
128.044	-0.013
128.067	-0.013
128.089	-0.013
128.111	-0.013
128.133	-0.013
128.155	-0.013
128.178	-0.013
128.200	-0.013
128.222	-0.013
128.244	-0.013
128.267	-0.013
128.289	-0.013
128.311	-0.013
128.333	-0.013

128.356	-0.013
128.378	-0.013
128.400	-0.013
128.422	-0.013
128.444	-0.013
128.467	-0.013
128.489	-0.013
128.511	-0.013
128.533	-0.013
128.556	-0.013
128.578	-0.013
128.600	-0.013
128.622	-0.013
128.644	-0.013
128.667	-0.013
128.689	-0.013
128.711	-0.013
128.733	-0.013
128.756	-0.013
128.778	-0.013
128.800	-0.013
128.822	-0.013
128.845	-0.013
128.867	-0.013
128.889	-0.013
128.911	-0.013
128.933	-0.013
128.956	-0.013
128.978	-0.013
129.000	-0.013
129.022	-0.013
129.044	-0.013
129.067	-0.013
129.089	-0.013
129.111	-0.013
129.133	-0.013
129.155	-0.013
129.178	-0.013
129.200	-0.013
129.222	-0.013
129.244	-0.013
129.267	-0.013
129.289	-0.013
129.311	-0.013
129.333	-0.013
129.356	-0.013
129.378	-0.013
129.400	-0.013
129.422	-0.013
129.444	-0.013
129.467	-0.013
129.489	-0.013
129.511	-0.013
129.533	-0.013
129.556	-0.013
129.578	-0.013
129.600	-0.013
129.622	-0.013
129.644	-0.013
129.667	-0.013
129.689	-0.013
129.711	-0.013
129.733	-0.013
129.756	-0.013
129.778	-0.013

129.800	-0.013
129.822	-0.013
129.845	-0.013
129.867	-0.013
129.889	-0.013
129.911	-0.013
129.933	-0.013
129.956	-0.013
129.978	-0.013
130.000	-0.013
130.022	-0.013
130.044	-0.013
130.067	-0.013
130.089	-0.013
130.111	-0.013
130.133	-0.013
130.155	-0.013
130.178	-0.013
130.200	-0.013
130.222	-0.013
130.244	-0.013
130.267	-0.013
130.289	-0.013
130.311	-0.013
130.333	-0.013
130.356	-0.013
130.378	-0.013
130.400	-0.013
130.422	-0.013
130.444	-0.013
130.467	-0.013
130.489	-0.013
130.511	-0.013
130.533	-0.013
130.556	-0.013
130.578	-0.013
130.600	-0.013
130.622	-0.013
130.644	-0.013
130.667	-0.013
130.689	-0.013
130.711	-0.013
130.733	-0.013
130.756	-0.013
130.778	-0.013
130.800	-0.013
130.822	-0.013
130.845	-0.013
130.867	-0.013
130.889	-0.013
130.911	-0.013
130.933	-0.013
130.956	-0.013
130.978	-0.013
131.000	-0.013
131.022	-0.013
131.044	-0.013
131.067	-0.013
131.089	-0.013
131.111	-0.013
131.133	-0.013
131.155	-0.013
131.178	-0.013
131.200	-0.013
131.222	-0.013

131.244	-0.013
131.267	-0.013
131.289	-0.013
131.311	-0.013
131.333	-0.013
131.356	-0.013
131.378	-0.013
131.400	-0.013
131.422	-0.013
131.444	-0.013
131.467	-0.013
131.489	-0.013
131.511	-0.013
131.533	-0.013
131.556	-0.013
131.578	-0.013
131.600	-0.013
131.622	-0.013
131.644	-0.013
131.667	-0.013
131.689	-0.013
131.711	-0.013
131.733	-0.013
131.756	-0.013
131.778	-0.013
131.800	-0.013
131.822	-0.013
131.845	-0.013
131.867	-0.013
131.889	-0.013
131.911	-0.013
131.933	-0.013
131.956	-0.013
131.978	-0.013
132.000	-0.013
132.022	-0.013
132.044	-0.013
132.067	-0.013
132.089	-0.013
132.111	-0.013
132.133	-0.013
132.155	-0.013
132.178	-0.013
132.200	-0.013
132.222	-0.013
132.244	-0.013
132.267	-0.013
132.289	-0.013
132.311	-0.013
132.333	-0.013
132.356	-0.013
132.378	-0.013
132.400	-0.013
132.422	-0.013
132.444	-0.013
132.467	-0.013
132.489	-0.013
132.511	-0.013
132.533	-0.013
132.556	-0.013
132.578	-0.013
132.600	-0.013
132.622	-0.013
132.644	-0.013
132.667	-0.013

132.689	-0.013
132.711	-0.013
132.733	-0.013
132.756	-0.013
132.778	-0.013
132.800	-0.013
132.822	-0.013
132.845	-0.013
132.867	-0.013
132.889	-0.013
132.911	-0.013
132.933	-0.013
132.956	-0.013
132.978	-0.013
133.000	-0.013
133.022	-0.013
133.044	-0.013
133.067	-0.013
133.089	-0.013
133.111	-0.013
133.133	-0.013
133.155	-0.013
133.178	-0.013
133.200	-0.013
133.222	-0.013
133.244	-0.013
133.267	-0.013
133.289	-0.013
133.311	-0.013
133.333	-0.013
133.356	-0.013
133.378	-0.013
133.400	-0.013
133.422	-0.013
133.444	-0.013
133.467	-0.013
133.489	-0.013
133.511	-0.013
133.533	-0.013
133.556	-0.013
133.578	-0.013
133.600	-0.013
133.622	-0.013
133.644	-0.013
133.667	-0.013
133.689	-0.013
133.711	-0.013
133.733	-0.013
133.756	-0.013
133.778	-0.013
133.800	-0.013
133.822	-0.013
133.845	-0.013
133.867	-0.013
133.889	-0.013
133.911	-0.013
133.933	-0.013
133.956	-0.013
133.978	-0.013
134.000	-0.013
134.022	-0.013
134.044	-0.013
134.067	-0.013
134.089	-0.013
134.111	-0.013

134.133	-0.013
134.155	-0.013
134.178	-0.013
134.200	-0.013
134.222	-0.013
134.244	-0.013
134.267	-0.013
134.289	-0.013
134.311	-0.013
134.333	-0.013
134.356	-0.013
134.378	-0.013
134.400	-0.013
134.422	-0.013
134.444	-0.013
134.467	-0.013
134.489	-0.013
134.511	-0.013
134.533	-0.013
134.556	-0.013
134.578	-0.013
134.600	-0.013
134.622	-0.013
134.644	-0.013
134.667	-0.013
134.689	-0.013
134.711	-0.013
134.733	-0.013
134.756	-0.013
134.778	-0.013
134.800	-0.013
134.822	-0.013
134.845	-0.013
134.867	-0.013
134.889	-0.013
134.911	-0.013
134.933	-0.013
134.956	-0.013
134.978	-0.013
135.000	-0.013
135.022	-0.013
135.044	-0.013
135.067	-0.013
135.089	-0.013
135.111	-0.013
135.133	-0.013
135.155	-0.013
135.178	-0.013
135.200	-0.013
135.222	-0.013
135.244	-0.013
135.267	-0.013
135.289	-0.013
135.311	-0.013
135.333	-0.013
135.356	-0.013
135.378	-0.013
135.400	-0.013
135.422	-0.013
135.444	-0.013
135.467	-0.013
135.489	-0.013
135.511	-0.013
135.533	-0.013
135.556	-0.013

135.578	-0.013
135.600	-0.013
135.622	-0.013
135.644	-0.013
135.667	-0.013
135.689	-0.013
135.711	-0.013
135.733	-0.013
135.756	-0.013
135.778	-0.013
135.800	-0.013
135.822	-0.013
135.845	-0.013
135.867	-0.013
135.889	-0.013
135.911	-0.013
135.933	-0.013
135.956	-0.013
135.978	-0.013
136.000	-0.013
136.022	-0.013
136.044	-0.013
136.067	-0.013
136.089	-0.013
136.111	-0.013
136.133	-0.013
136.155	-0.013
136.178	-0.013
136.200	-0.013
136.222	-0.013
136.244	-0.013
136.267	-0.013
136.289	-0.013
136.311	-0.013
136.333	-0.013
136.356	-0.013
136.378	-0.013
136.400	-0.013
136.422	-0.013
136.444	-0.013
136.467	-0.013
136.489	-0.013
136.511	-0.013
136.533	-0.013
136.556	-0.013
136.578	-0.013
136.600	-0.013
136.622	-0.013
136.644	-0.013
136.667	-0.013
136.689	-0.013
136.711	-0.013
136.733	-0.013
136.756	-0.013
136.778	-0.013
136.800	-0.013
136.822	-0.013
136.845	-0.013
136.867	-0.013
136.889	-0.013
136.911	-0.013
136.933	-0.013
136.956	-0.013
136.978	-0.013
137.000	-0.013

137.022	-0.013
137.044	-0.013
137.067	-0.013
137.089	-0.013
137.111	-0.013
137.133	-0.013
137.155	-0.013
137.178	-0.013
137.200	-0.013
137.222	-0.013
137.244	-0.013
137.267	-0.013
137.289	-0.013
137.311	-0.013
137.333	-0.013
137.356	-0.013
137.378	-0.013
137.400	-0.013
137.422	-0.013
137.444	-0.013
137.467	-0.013
137.489	-0.013
137.511	-0.013
137.533	-0.013
137.556	-0.013
137.578	-0.013
137.600	-0.013
137.622	-0.013
137.644	-0.013
137.667	-0.013
137.689	-0.013
137.711	-0.013
137.733	-0.013
137.756	-0.013
137.778	-0.013
137.800	-0.013
137.822	-0.013
137.845	-0.013
137.867	-0.013
137.889	-0.013
137.911	-0.013
137.933	-0.013
137.956	-0.013
137.978	-0.013
138.000	-0.013
138.022	-0.013
138.044	-0.013
138.067	-0.013
138.089	-0.013
138.111	-0.013
138.133	-0.013
138.155	-0.013
138.178	-0.013
138.200	-0.013
138.222	-0.013
138.244	-0.013
138.267	-0.013
138.289	-0.013
138.311	-0.013
138.333	-0.013
138.356	-0.013
138.378	-0.013
138.400	-0.013
138.422	-0.013
138.444	-0.013

138.467	-0.013
138.489	-0.013
138.511	-0.013
138.533	-0.013
138.556	-0.013
138.578	-0.013
138.600	-0.013
138.622	-0.013
138.644	-0.013
138.667	-0.013
138.689	-0.013
138.711	-0.013
138.733	-0.013
138.756	-0.013
138.778	-0.013
138.800	-0.013
138.822	-0.013
138.845	-0.013
138.867	-0.013
138.889	-0.013
138.911	-0.013
138.933	-0.013
138.956	-0.013
138.978	-0.013
139.000	-0.013
139.022	-0.013
139.044	-0.013
139.067	-0.013
139.089	-0.013
139.111	-0.013
139.133	-0.013
139.155	-0.013
139.178	-0.013
139.200	-0.013
139.222	-0.013
139.244	-0.013
139.267	-0.013
139.289	-0.013
139.311	-0.013
139.333	-0.013
139.356	-0.013
139.378	-0.013
139.400	-0.013
139.422	-0.013
139.444	-0.013
139.467	-0.013
139.489	-0.013
139.511	-0.013
139.533	-0.013
139.556	-0.013
139.578	-0.013
139.600	-0.013
139.622	-0.013
139.644	-0.013
139.667	-0.013
139.689	-0.013
139.711	-0.013
139.733	-0.013
139.756	-0.013
139.778	-0.013
139.800	-0.013
139.822	-0.013
139.845	-0.013
139.867	-0.013
139.889	-0.013

139.911	-0.013
139.933	-0.013
139.956	-0.013
139.978	-0.013
140.000	-0.013
140.022	-0.013
140.044	-0.013
140.067	-0.013
140.089	-0.013
140.111	-0.013
140.133	-0.013
140.155	-0.013
140.178	-0.013
140.200	-0.013
140.222	-0.013
140.244	-0.013
140.267	-0.013
140.289	-0.013
140.311	-0.013
140.333	-0.013
140.356	-0.013
140.378	-0.013
140.400	-0.013
140.422	-0.013
140.444	-0.013
140.467	-0.013
140.489	-0.012
140.511	-0.012
140.533	-0.012
140.556	-0.012
140.578	-0.012
140.600	-0.012
140.622	-0.012
140.644	-0.012
140.667	-0.012
140.689	-0.012
140.711	-0.012
140.733	-0.012
140.756	-0.012
140.778	-0.012
140.800	-0.012
140.822	-0.012
140.845	-0.012
140.867	-0.012
140.889	-0.012
140.911	-0.012
140.933	-0.012
140.956	-0.012
140.978	-0.012
141.000	-0.012
141.022	-0.012
141.044	-0.012
141.067	-0.012
141.089	-0.012
141.111	-0.012
141.133	-0.012
141.155	-0.012
141.178	-0.012
141.200	-0.012
141.222	-0.012
141.244	-0.012
141.267	-0.012
141.289	-0.012
141.311	-0.012
141.333	-0.012

141.356	-0.012
141.378	-0.012
141.400	-0.012
141.422	-0.012
141.444	-0.012
141.467	-0.012
141.489	-0.012
141.511	-0.012
141.533	-0.012
141.556	-0.012
141.578	-0.012
141.600	-0.012
141.622	-0.012
141.644	-0.012
141.667	-0.012
141.689	-0.012
141.711	-0.012
141.733	-0.012
141.756	-0.012
141.778	-0.012
141.800	-0.012
141.822	-0.012
141.845	-0.012
141.867	-0.012
141.889	-0.012
141.911	-0.012
141.933	-0.012
141.956	-0.012
141.978	-0.012
142.000	-0.012
142.022	-0.012
142.044	-0.012
142.067	-0.012
142.089	-0.012
142.111	-0.012
142.133	-0.012
142.155	-0.012
142.178	-0.012
142.200	-0.012
142.222	-0.012
142.244	-0.012
142.267	-0.012
142.289	-0.012
142.311	-0.012
142.333	-0.012
142.356	-0.012
142.378	-0.012
142.400	-0.012
142.422	-0.012
142.444	-0.012
142.467	-0.012
142.489	-0.012
142.511	-0.012
142.533	-0.012
142.556	-0.012
142.578	-0.012
142.600	-0.012
142.622	-0.012
142.644	-0.012
142.667	-0.012
142.689	-0.012
142.711	-0.012
142.733	-0.012
142.756	-0.012
142.778	-0.012

142.800	-0.012
142.822	-0.012
142.845	-0.012
142.867	-0.012
142.889	-0.012
142.911	-0.012
142.933	-0.012
142.956	-0.012
142.978	-0.012
143.000	-0.012
143.022	-0.012
143.044	-0.012
143.067	-0.012
143.089	-0.012
143.111	-0.012
143.133	-0.012
143.155	-0.012
143.178	-0.012
143.200	-0.012
143.222	-0.012
143.244	-0.012
143.267	-0.012
143.289	-0.012
143.311	-0.012
143.333	-0.012
143.356	-0.012
143.378	-0.012
143.400	-0.012
143.422	-0.012
143.444	-0.012
143.467	-0.012
143.489	-0.012
143.511	-0.012
143.533	-0.012
143.556	-0.012
143.578	-0.012
143.600	-0.012
143.622	-0.012
143.644	-0.012
143.667	-0.012
143.689	-0.012
143.711	-0.012
143.733	-0.012
143.756	-0.012
143.778	-0.012
143.800	-0.012
143.822	-0.012
143.845	-0.012
143.867	-0.012
143.889	-0.012
143.911	-0.012
143.933	-0.012
143.956	-0.012
143.978	-0.012
144.000	-0.012
144.022	-0.012
144.044	-0.012
144.067	-0.012
144.089	-0.012
144.111	-0.012
144.133	-0.012
144.155	-0.012
144.178	-0.013
144.200	-0.013
144.222	-0.013

144.244	-0.013
144.267	-0.013
144.289	-0.013
144.311	-0.013
144.333	-0.013
144.356	-0.013
144.378	-0.013
144.400	-0.013
144.422	-0.013
144.444	-0.013
144.467	-0.013
144.489	-0.013
144.511	-0.013
144.533	-0.013
144.556	-0.013
144.578	-0.013
144.600	-0.013
144.622	-0.013
144.644	-0.013
144.667	-0.013
144.689	-0.013
144.711	-0.013
144.733	-0.013
144.756	-0.013
144.778	-0.013
144.800	-0.014
144.822	-0.014
144.845	-0.014
144.867	-0.014
144.889	-0.014
144.911	-0.014
144.933	-0.014
144.956	-0.014
144.978	-0.014
145.000	-0.014
145.022	-0.014
145.044	-0.014
145.067	-0.014
145.089	-0.014
145.111	-0.014
145.133	-0.014
145.155	-0.014
145.178	-0.014
145.200	-0.014
145.222	-0.014
145.244	-0.014
145.267	-0.014
145.289	-0.014
145.311	-0.014
145.333	-0.014
145.356	-0.014
145.378	-0.014
145.400	-0.014
145.422	-0.014
145.444	-0.014
145.467	-0.014
145.489	-0.014
145.511	-0.014
145.533	-0.014
145.556	-0.014
145.578	-0.014
145.600	-0.014
145.622	-0.014
145.644	-0.014
145.667	-0.014

145.689	-0.014
145.711	-0.014
145.733	-0.014
145.756	-0.014
145.778	-0.014
145.800	-0.014
145.822	-0.014
145.845	-0.014
145.867	-0.014
145.889	-0.014
145.911	-0.014
145.933	-0.014
145.956	-0.014
145.978	-0.014
146.000	-0.014
146.022	-0.014
146.044	-0.015
146.067	-0.015
146.089	-0.015
146.111	-0.015
146.133	-0.015
146.155	-0.015
146.178	-0.015
146.200	-0.015
146.222	-0.015
146.244	-0.015
146.267	-0.015
146.289	-0.015
146.311	-0.015
146.333	-0.015
146.356	-0.015
146.378	-0.015
146.400	-0.015
146.422	-0.015
146.444	-0.015
146.467	-0.015
146.489	-0.015
146.511	-0.015
146.533	-0.015
146.556	-0.015
146.578	-0.015
146.600	-0.015
146.622	-0.015
146.644	-0.015
146.667	-0.015
146.689	-0.015
146.711	-0.015
146.733	-0.015
146.756	-0.015
146.778	-0.015
146.800	-0.015
146.822	-0.015
146.845	-0.015
146.867	-0.015
146.889	-0.015
146.911	-0.015
146.933	-0.015
146.956	-0.015
146.978	-0.015
147.000	-0.015
147.022	-0.015
147.044	-0.015
147.067	-0.015
147.089	-0.015
147.111	-0.015

147.133	-0.015
147.155	-0.015
147.178	-0.015
147.200	-0.015
147.222	-0.015
147.244	-0.015
147.267	-0.015
147.289	-0.015
147.311	-0.015
147.333	-0.015
147.356	-0.015
147.378	-0.015
147.400	-0.015
147.422	-0.015
147.444	-0.015
147.467	-0.015
147.489	-0.015
147.511	-0.015
147.533	-0.015
147.556	-0.015
147.578	-0.015
147.600	-0.015
147.622	-0.015
147.644	-0.015
147.667	-0.015
147.689	-0.015
147.711	-0.015
147.733	-0.015
147.756	-0.015
147.778	-0.015
147.800	-0.015
147.822	-0.015
147.845	-0.015
147.867	-0.015
147.889	-0.015
147.911	-0.015
147.933	-0.015
147.956	-0.015
147.978	-0.015
148.000	-0.015
148.022	-0.015
148.044	-0.015
148.067	-0.015
148.089	-0.015
148.111	-0.015
148.133	-0.015
148.155	-0.015
148.178	-0.015
148.200	-0.015
148.222	-0.015
148.244	-0.015
148.267	-0.015
148.289	-0.015
148.311	-0.015
148.333	-0.015
148.356	-0.015
148.378	-0.015
148.400	-0.015
148.422	-0.015
148.444	-0.015
148.467	-0.015
148.489	-0.015
148.511	-0.015
148.533	-0.015
148.556	-0.016

148.578	-0.016
148.600	-0.016
148.622	-0.016
148.644	-0.016
148.667	-0.016
148.689	-0.016
148.711	-0.016
148.733	-0.016
148.756	-0.016
148.778	-0.016
148.800	-0.016
148.822	-0.016
148.845	-0.016
148.867	-0.016
148.889	-0.016
148.911	-0.016
148.933	-0.016
148.956	-0.016
148.978	-0.016
149.000	-0.016
149.022	-0.016
149.044	-0.016
149.067	-0.016
149.089	-0.016
149.111	-0.016
149.133	-0.016
149.155	-0.016
149.178	-0.016
149.200	-0.016
149.222	-0.016
149.244	-0.016
149.267	-0.016
149.289	-0.016
149.311	-0.016
149.333	-0.016
149.356	-0.016
149.378	-0.016
149.400	-0.016
149.422	-0.016
149.444	-0.016
149.467	-0.016
149.489	-0.016
149.511	-0.016
149.533	-0.016
149.556	-0.016
149.578	-0.016
149.600	-0.016
149.622	-0.016
149.644	-0.016
149.667	-0.016
149.689	-0.016
149.711	-0.016
149.733	-0.016
149.756	-0.016
149.778	-0.016
149.800	-0.016
149.822	-0.016
149.845	-0.016
149.867	-0.016
149.889	-0.016
149.911	-0.016
149.933	-0.016
149.956	-0.016
149.978	-0.016
150.000	-0.016

150.022	-0.016
150.044	-0.016
150.067	-0.016
150.089	-0.016
150.111	-0.016
150.133	-0.016
150.155	-0.016
150.178	-0.016
150.200	-0.016
150.222	-0.016
150.244	-0.016
150.267	-0.016
150.289	-0.016
150.311	-0.016
150.333	-0.016
150.356	-0.016
150.378	-0.016
150.400	-0.016
150.422	-0.016
150.444	-0.016
150.467	-0.016
150.489	-0.016
150.511	-0.016
150.533	-0.016
150.556	-0.016
150.578	-0.016
150.600	-0.016
150.622	-0.016
150.644	-0.016
150.667	-0.016
150.689	-0.016
150.711	-0.016
150.733	-0.016
150.756	-0.016
150.778	-0.016
150.800	-0.016
150.822	-0.016
150.845	-0.016
150.867	-0.016
150.889	-0.016
150.911	-0.016
150.933	-0.016
150.956	-0.016
150.978	-0.016
151.000	-0.016
151.022	-0.016
151.044	-0.016
151.067	-0.016
151.089	-0.016
151.111	-0.016
151.133	-0.016
151.155	-0.016
151.178	-0.016
151.200	-0.016
151.222	-0.016
151.244	-0.016
151.267	-0.016
151.289	-0.016
151.311	-0.016
151.333	-0.016
151.356	-0.016
151.378	-0.016
151.400	-0.016
151.422	-0.016
151.444	-0.016

151.467	-0.016
151.489	-0.016
151.511	-0.016
151.533	-0.016
151.556	-0.016
151.578	-0.016
151.600	-0.016
151.622	-0.016
151.644	-0.016
151.667	-0.016
151.689	-0.016
151.711	-0.016
151.733	-0.016
151.756	-0.016
151.778	-0.016
151.800	-0.016
151.822	-0.016
151.845	-0.016
151.867	-0.016
151.889	-0.016
151.911	-0.016
151.933	-0.016
151.956	-0.016
151.978	-0.016
152.000	-0.016
152.022	-0.016
152.044	-0.016
152.067	-0.016
152.089	-0.016
152.111	-0.016
152.133	-0.016
152.155	-0.016
152.178	-0.016
152.200	-0.016
152.222	-0.016
152.244	-0.016
152.267	-0.016
152.289	-0.016
152.311	-0.016
152.333	-0.016
152.356	-0.016
152.378	-0.016
152.400	-0.016
152.422	-0.016
152.444	-0.016
152.467	-0.016
152.489	-0.016
152.511	-0.016
152.533	-0.016
152.556	-0.016
152.578	-0.016
152.600	-0.016
152.622	-0.016
152.644	-0.016
152.667	-0.016
152.689	-0.016
152.711	-0.016
152.733	-0.016
152.756	-0.016
152.778	-0.016
152.800	-0.016
152.822	-0.016
152.845	-0.016
152.867	-0.016
152.889	-0.016

152.911	-0.016
152.933	-0.016
152.956	-0.016
152.978	-0.016
153.000	-0.017
153.022	-0.017
153.044	-0.017
153.067	-0.017
153.089	-0.017
153.111	-0.017
153.133	-0.017
153.155	-0.017
153.178	-0.017
153.200	-0.017
153.222	-0.017
153.244	-0.017
153.267	-0.017
153.289	-0.017
153.311	-0.017
153.333	-0.017
153.356	-0.017
153.378	-0.017
153.400	-0.017
153.422	-0.017
153.444	-0.017
153.467	-0.017
153.489	-0.017
153.511	-0.017
153.533	-0.017
153.556	-0.017
153.578	-0.017
153.600	-0.017
153.622	-0.017
153.644	-0.017
153.667	-0.017
153.689	-0.017
153.711	-0.017
153.733	-0.017
153.756	-0.017
153.778	-0.017
153.800	-0.017
153.822	-0.017
153.845	-0.017
153.867	-0.017
153.889	-0.017
153.911	-0.017
153.933	-0.017
153.956	-0.017
153.978	-0.017
154.000	-0.017
154.022	-0.017
154.044	-0.017
154.067	-0.017
154.089	-0.017
154.111	-0.017
154.133	-0.017
154.155	-0.017
154.178	-0.017
154.200	-0.017
154.222	-0.017
154.244	-0.017
154.267	-0.017
154.289	-0.017
154.311	-0.017
154.333	-0.017

154.356	-0.017
154.378	-0.017
154.400	-0.017
154.422	-0.017
154.444	-0.017
154.467	-0.017
154.489	-0.017
154.511	-0.017
154.533	-0.017
154.556	-0.017
154.578	-0.017
154.600	-0.017
154.622	-0.017
154.644	-0.017
154.667	-0.017
154.689	-0.017
154.711	-0.017
154.733	-0.017
154.756	-0.017
154.778	-0.017
154.800	-0.017
154.822	-0.017
154.845	-0.017
154.867	-0.017
154.889	-0.017
154.911	-0.017
154.933	-0.017
154.956	-0.017
154.978	-0.017
155.000	-0.017
155.022	-0.017
155.044	-0.017
155.067	-0.017
155.089	-0.017
155.111	-0.017
155.133	-0.017
155.155	-0.017
155.178	-0.017
155.200	-0.017
155.222	-0.017
155.244	-0.017
155.267	-0.017
155.289	-0.017
155.311	-0.017
155.333	-0.017
155.356	-0.017
155.378	-0.017
155.400	-0.017
155.422	-0.017
155.444	-0.017
155.467	-0.017
155.489	-0.017
155.511	-0.017
155.533	-0.017
155.556	-0.017
155.578	-0.017
155.600	-0.017
155.622	-0.017
155.644	-0.017
155.667	-0.017
155.689	-0.017
155.711	-0.017
155.733	-0.017
155.756	-0.017
155.778	-0.017

155.800	-0.017
155.822	-0.017
155.845	-0.017
155.867	-0.017
155.889	-0.017
155.911	-0.017
155.933	-0.017
155.956	-0.017
155.978	-0.017
156.000	-0.017
156.022	-0.017
156.044	-0.017
156.067	-0.017
156.089	-0.017
156.111	-0.017
156.133	-0.017
156.155	-0.017
156.178	-0.017
156.200	-0.017
156.222	-0.017
156.244	-0.017
156.267	-0.017
156.289	-0.017
156.311	-0.017
156.333	-0.017
156.356	-0.017
156.378	-0.017
156.400	-0.017
156.422	-0.017
156.444	-0.017
156.467	-0.017
156.489	-0.017
156.511	-0.017
156.533	-0.017
156.556	-0.017
156.578	-0.017
156.600	-0.017
156.622	-0.017
156.644	-0.017
156.667	-0.017
156.689	-0.017
156.711	-0.017
156.733	-0.017
156.756	-0.017
156.778	-0.017
156.800	-0.017
156.822	-0.017
156.845	-0.017
156.867	-0.017
156.889	-0.017
156.911	-0.017
156.933	-0.017
156.956	-0.017
156.978	-0.017
157.000	-0.017
157.022	-0.017
157.044	-0.017
157.067	-0.017
157.089	-0.017
157.111	-0.017
157.133	-0.017
157.155	-0.017
157.178	-0.017
157.200	-0.017
157.222	-0.017

157.244	-0.017
157.267	-0.017
157.289	-0.017
157.311	-0.017
157.333	-0.017
157.356	-0.017
157.378	-0.017
157.400	-0.017
157.422	-0.017
157.444	-0.017
157.467	-0.017
157.489	-0.017
157.511	-0.017
157.533	-0.017
157.556	-0.017
157.578	-0.017
157.600	-0.017
157.622	-0.017
157.644	-0.017
157.667	-0.017
157.689	-0.017
157.711	-0.017
157.733	-0.017
157.756	-0.017
157.778	-0.017
157.800	-0.017
157.822	-0.017
157.845	-0.017
157.867	-0.017
157.889	-0.017
157.911	-0.017
157.933	-0.017
157.956	-0.017
157.978	-0.017
158.000	-0.017
158.022	-0.017
158.044	-0.017
158.067	-0.017
158.089	-0.017
158.111	-0.017
158.133	-0.017
158.155	-0.017
158.178	-0.017
158.200	-0.017
158.222	-0.017
158.244	-0.017
158.267	-0.017
158.289	-0.017
158.311	-0.017
158.333	-0.017
158.356	-0.017
158.378	-0.017
158.400	-0.017
158.422	-0.017
158.444	-0.017
158.467	-0.017
158.489	-0.017
158.511	-0.017
158.533	-0.017
158.556	-0.017
158.578	-0.017
158.600	-0.017
158.622	-0.017
158.644	-0.017
158.667	-0.017

158.689	-0.017
158.711	-0.017
158.733	-0.017
158.756	-0.017
158.778	-0.017
158.800	-0.017
158.822	-0.017
158.845	-0.017
158.867	-0.017
158.889	-0.017
158.911	-0.017
158.933	-0.017
158.956	-0.017
158.978	-0.017
159.000	-0.017
159.022	-0.017
159.044	-0.017
159.067	-0.017
159.089	-0.017
159.111	-0.017
159.133	-0.017
159.155	-0.017
159.178	-0.017
159.200	-0.017
159.222	-0.017
159.244	-0.017
159.267	-0.017
159.289	-0.017
159.311	-0.017
159.333	-0.017
159.356	-0.017
159.378	-0.017
159.400	-0.017
159.422	-0.017
159.444	-0.017
159.467	-0.017
159.489	-0.017
159.511	-0.017
159.533	-0.017
159.556	-0.017
159.578	-0.017
159.600	-0.017
159.622	-0.017
159.644	-0.017
159.667	-0.017
159.689	-0.017
159.711	-0.017
159.733	-0.017
159.756	-0.017
159.778	-0.017
159.800	-0.017
159.822	-0.017
159.845	-0.017
159.867	-0.017
159.889	-0.017
159.911	-0.017
159.933	-0.017
159.956	-0.017
159.978	-0.017
160.000	-0.017
160.022	-0.017
160.044	-0.017
160.067	-0.017
160.089	-0.017
160.111	-0.017

160.133	-0.017
160.155	-0.017
160.178	-0.017
160.200	-0.017
160.222	-0.017
160.244	-0.017
160.267	-0.017
160.289	-0.017
160.311	-0.017
160.333	-0.017
160.356	-0.017
160.378	-0.017
160.400	-0.017
160.422	-0.017
160.444	-0.017
160.467	-0.017
160.489	-0.017
160.511	-0.017
160.533	-0.017
160.556	-0.017
160.578	-0.017
160.600	-0.017
160.622	-0.017
160.644	-0.017
160.667	-0.017
160.689	-0.017
160.711	-0.017
160.733	-0.017
160.756	-0.017
160.778	-0.017
160.800	-0.017
160.822	-0.017
160.845	-0.017
160.867	-0.017
160.889	-0.017
160.911	-0.017
160.933	-0.017
160.956	-0.017
160.978	-0.017
161.000	-0.017
161.022	-0.017
161.044	-0.017
161.067	-0.017
161.089	-0.017
161.111	-0.017
161.133	-0.017
161.155	-0.017
161.178	-0.017
161.200	-0.017
161.222	-0.017
161.244	-0.017
161.267	-0.017
161.289	-0.017
161.311	-0.017
161.333	-0.017
161.356	-0.017
161.378	-0.017
161.400	-0.017
161.422	-0.017
161.444	-0.017
161.467	-0.017
161.489	-0.017
161.511	-0.017
161.533	-0.017
161.556	-0.017

161.578	-0.017
161.600	-0.017
161.622	-0.017
161.644	-0.017
161.667	-0.017
161.689	-0.017
161.711	-0.017
161.733	-0.017
161.756	-0.017
161.778	-0.017
161.800	-0.017
161.822	-0.017
161.845	-0.017
161.867	-0.017
161.889	-0.017
161.911	-0.017
161.933	-0.017
161.956	-0.017
161.978	-0.017
162.000	-0.017
162.022	-0.017
162.044	-0.017
162.067	-0.017
162.089	-0.017
162.111	-0.017
162.133	-0.017
162.155	-0.017
162.178	-0.017
162.200	-0.017
162.222	-0.017
162.244	-0.017
162.267	-0.017
162.289	-0.017
162.311	-0.017
162.333	-0.017
162.356	-0.017
162.378	-0.017
162.400	-0.017
162.422	-0.017
162.444	-0.017
162.467	-0.017
162.489	-0.017
162.511	-0.017
162.533	-0.017
162.556	-0.017
162.578	-0.017
162.600	-0.017
162.622	-0.017
162.644	-0.017
162.667	-0.017
162.689	-0.017
162.711	-0.017
162.733	-0.017
162.756	-0.017
162.778	-0.017
162.800	-0.017
162.822	-0.017
162.845	-0.017
162.867	-0.017
162.889	-0.017
162.911	-0.017
162.933	-0.017
162.956	-0.017
162.978	-0.017
163.000	-0.016

163.022	-0.016
163.044	-0.016
163.067	-0.016
163.089	-0.016
163.111	-0.016
163.133	-0.016
163.155	-0.016
163.178	-0.016
163.200	-0.016
163.222	-0.016
163.244	-0.016
163.267	-0.016
163.289	-0.016
163.311	-0.016
163.333	-0.016
163.356	-0.016
163.378	-0.016
163.400	-0.016
163.422	-0.016
163.444	-0.016
163.467	-0.016
163.489	-0.016
163.511	-0.016
163.533	-0.016
163.556	-0.016
163.578	-0.016
163.600	-0.016
163.622	-0.016
163.644	-0.016
163.667	-0.016
163.689	-0.016
163.711	-0.016
163.733	-0.016
163.756	-0.016
163.778	-0.016
163.800	-0.016
163.822	-0.016
163.845	-0.016
163.867	-0.016
163.889	-0.016
163.911	-0.016
163.933	-0.016
163.956	-0.016
163.978	-0.016
164.000	-0.016
164.022	-0.016
164.044	-0.016
164.067	-0.016
164.089	-0.016
164.111	-0.016
164.133	-0.016
164.155	-0.016
164.178	-0.016
164.200	-0.016
164.222	-0.016
164.244	-0.016
164.267	-0.016
164.289	-0.016
164.311	-0.016
164.333	-0.016
164.356	-0.016
164.378	-0.016
164.400	-0.016
164.422	-0.016
164.444	-0.016

164.467	-0.016
164.489	-0.016
164.511	-0.016
164.533	-0.016
164.556	-0.016
164.578	-0.016
164.600	-0.016
164.622	-0.016
164.644	-0.016
164.667	-0.016
164.689	-0.016
164.711	-0.016
164.733	-0.016
164.756	-0.016
164.778	-0.016
164.800	-0.016
164.822	-0.016
164.845	-0.016
164.867	-0.016
164.889	-0.016
164.911	-0.016
164.933	-0.016
164.956	-0.016
164.978	-0.016
165.000	-0.016
165.022	-0.016
165.044	-0.016
165.067	-0.016
165.089	-0.016
165.111	-0.016
165.133	-0.016
165.155	-0.016
165.178	-0.016
165.200	-0.016
165.222	-0.016
165.244	-0.016
165.267	-0.016
165.289	-0.016
165.311	-0.016
165.333	-0.016
165.356	-0.016
165.378	-0.016
165.400	-0.016
165.422	-0.016
165.444	-0.016
165.467	-0.016
165.489	-0.016
165.511	-0.016
165.533	-0.016
165.556	-0.016
165.578	-0.016
165.600	-0.016
165.622	-0.016
165.644	-0.016
165.667	-0.016
165.689	-0.016
165.711	-0.016
165.733	-0.016
165.756	-0.016
165.778	-0.016
165.800	-0.016
165.822	-0.016
165.845	-0.016
165.867	-0.016
165.889	-0.016

165.911	-0.016
165.933	-0.016
165.956	-0.016
165.978	-0.016
166.000	-0.016
166.022	-0.016
166.044	-0.016
166.067	-0.016
166.089	-0.016
166.111	-0.016
166.133	-0.016
166.155	-0.016
166.178	-0.016
166.200	-0.015
166.222	-0.015
166.244	-0.015
166.267	-0.015
166.289	-0.015
166.311	-0.015
166.333	-0.015
166.356	-0.015
166.378	-0.015
166.400	-0.015
166.422	-0.015
166.444	-0.015
166.467	-0.015
166.489	-0.015
166.511	-0.015
166.533	-0.015
166.556	-0.015
166.578	-0.015
166.600	-0.015
166.622	-0.015
166.644	-0.015
166.667	-0.015
166.689	-0.015
166.711	-0.015
166.733	-0.015
166.756	-0.015
166.778	-0.015
166.800	-0.015
166.822	-0.015
166.845	-0.015
166.867	-0.015
166.889	-0.015
166.911	-0.015
166.933	-0.015
166.956	-0.015
166.978	-0.015
167.000	-0.015
167.022	-0.015
167.044	-0.015
167.067	-0.015
167.089	-0.015
167.111	-0.015
167.133	-0.015
167.155	-0.015
167.178	-0.015
167.200	-0.015
167.222	-0.015
167.244	-0.015
167.267	-0.015
167.289	-0.015
167.311	-0.015
167.333	-0.015

167.356	-0.015
167.378	-0.015
167.400	-0.015
167.422	-0.015
167.444	-0.015
167.467	-0.015
167.489	-0.015
167.511	-0.015
167.533	-0.015
167.556	-0.015
167.578	-0.015
167.600	-0.015
167.622	-0.015
167.644	-0.015
167.667	-0.015
167.689	-0.015
167.711	-0.015
167.733	-0.015
167.756	-0.015
167.778	-0.015
167.800	-0.015
167.822	-0.015
167.845	-0.015
167.867	-0.015
167.889	-0.015
167.911	-0.015
167.933	-0.015
167.956	-0.015
167.978	-0.015
168.000	-0.015
168.022	-0.015
168.044	-0.015
168.067	-0.015
168.089	-0.015
168.111	-0.016
168.133	-0.016
168.155	-0.016
168.178	-0.016
168.200	-0.016
168.222	-0.016
168.244	-0.017
168.267	-0.017
168.289	-0.017
168.311	-0.017
168.333	-0.017
168.356	-0.017
168.378	-0.017
168.400	-0.018
168.422	-0.018
168.444	-0.018
168.467	-0.018
168.489	-0.018
168.511	-0.018
168.533	-0.018
168.556	-0.018
168.578	-0.018
168.600	-0.018
168.622	-0.018
168.644	-0.018
168.667	-0.018
168.689	-0.018
168.711	-0.018
168.733	-0.018
168.756	-0.018
168.778	-0.018

168.800	-0.018
168.822	-0.018
168.845	-0.018
168.867	-0.018
168.889	-0.018
168.911	-0.018
168.933	-0.018
168.956	-0.018
168.978	-0.018
169.000	-0.018
169.022	-0.018
169.044	-0.018
169.067	-0.018
169.089	-0.018
169.111	-0.018
169.133	-0.018
169.155	-0.018
169.178	-0.018
169.200	-0.018
169.222	-0.018
169.244	-0.018
169.267	-0.018
169.289	-0.018
169.311	-0.018
169.333	-0.018
169.356	-0.018
169.378	-0.018
169.400	-0.018
169.422	-0.018
169.444	-0.018
169.467	-0.018
169.489	-0.018
169.511	-0.018
169.533	-0.018
169.556	-0.018
169.578	-0.018
169.600	-0.018
169.622	-0.018
169.644	-0.018
169.667	-0.018
169.689	-0.018
169.711	-0.018
169.733	-0.018
169.756	-0.017
169.778	-0.017
169.800	-0.017
169.822	-0.017
169.845	-0.017
169.867	-0.017
169.889	-0.017
169.911	-0.017
169.933	-0.017
169.956	-0.017
169.978	-0.017
170.000	-0.017
170.022	-0.017
170.044	-0.017
170.067	-0.017
170.089	-0.017
170.111	-0.017
170.133	-0.017
170.155	-0.017
170.178	-0.017
170.200	-0.017
170.222	-0.017

170.244	-0.017
170.267	-0.017
170.289	-0.017
170.311	-0.017
170.333	-0.017
170.356	-0.017
170.378	-0.017
170.400	-0.017
170.422	-0.017
170.444	-0.017
170.467	-0.017
170.489	-0.017
170.511	-0.017
170.533	-0.017
170.556	-0.017
170.578	-0.017
170.600	-0.017
170.622	-0.017
170.644	-0.017
170.667	-0.017
170.689	-0.017
170.711	-0.017
170.733	-0.017
170.756	-0.017
170.778	-0.017
170.800	-0.017
170.822	-0.017
170.845	-0.017
170.867	-0.017
170.889	-0.016
170.911	-0.016
170.933	-0.016
170.956	-0.016
170.978	-0.016
171.000	-0.016
171.022	-0.016
171.044	-0.016
171.067	-0.016
171.089	-0.016
171.111	-0.016
171.133	-0.016
171.155	-0.016
171.178	-0.016
171.200	-0.016
171.222	-0.016
171.244	-0.016
171.267	-0.016
171.289	-0.016
171.311	-0.016
171.333	-0.016
171.356	-0.016
171.378	-0.016
171.400	-0.016
171.422	-0.016
171.444	-0.016
171.467	-0.016
171.489	-0.016
171.511	-0.016
171.533	-0.016
171.556	-0.016
171.578	-0.016
171.600	-0.016
171.622	-0.016
171.644	-0.016
171.667	-0.016

171.689	-0.016
171.711	-0.016
171.733	-0.016
171.756	-0.016
171.778	-0.016
171.800	-0.016
171.822	-0.016
171.845	-0.016
171.867	-0.016
171.889	-0.016
171.911	-0.016
171.933	-0.016
171.956	-0.016
171.978	-0.016
172.000	-0.016
172.022	-0.016
172.044	-0.016
172.067	-0.016
172.089	-0.016
172.111	-0.016
172.133	-0.016
172.155	-0.016
172.178	-0.016
172.200	-0.016
172.222	-0.016
172.244	-0.016
172.267	-0.016
172.289	-0.016
172.311	-0.016
172.333	-0.016
172.356	-0.016
172.378	-0.016
172.400	-0.016
172.422	-0.016
172.444	-0.016
172.467	-0.016
172.489	-0.016
172.511	-0.016
172.533	-0.016
172.556	-0.016
172.578	-0.016
172.600	-0.016
172.622	-0.016
172.644	-0.016
172.667	-0.016
172.689	-0.016
172.711	-0.016
172.733	-0.016
172.756	-0.016
172.778	-0.016
172.800	-0.016
172.822	-0.016
172.845	-0.016
172.867	-0.016
172.889	-0.016
172.911	-0.016
172.933	-0.016
172.956	-0.016
172.978	-0.016
173.000	-0.016
173.022	-0.016
173.044	-0.016
173.067	-0.016
173.089	-0.016
173.111	-0.016

173.133	-0.016
173.155	-0.016
173.178	-0.016
173.200	-0.016
173.222	-0.016
173.244	-0.016
173.267	-0.016
173.289	-0.016
173.311	-0.016
173.333	-0.016
173.356	-0.016
173.378	-0.016
173.400	-0.016
173.422	-0.016
173.444	-0.016
173.467	-0.016
173.489	-0.016
173.511	-0.016
173.533	-0.016
173.556	-0.016
173.578	-0.016
173.600	-0.016
173.622	-0.015
173.644	-0.015
173.667	-0.015
173.689	-0.015
173.711	-0.015
173.733	-0.015
173.756	-0.015
173.778	-0.015
173.800	-0.015
173.822	-0.015
173.845	-0.015
173.867	-0.015
173.889	-0.015
173.911	-0.015
173.933	-0.015
173.956	-0.015
173.978	-0.015
174.000	-0.015
174.022	-0.015
174.044	-0.015
174.067	-0.015
174.089	-0.015
174.111	-0.015
174.133	-0.015
174.155	-0.015
174.178	-0.015
174.200	-0.015
174.222	-0.015
174.244	-0.015
174.267	-0.015
174.289	-0.015
174.311	-0.015
174.333	-0.015
174.356	-0.015
174.378	-0.015
174.400	-0.015
174.422	-0.015
174.444	-0.015
174.467	-0.015
174.489	-0.015
174.511	-0.015
174.533	-0.015
174.556	-0.015

174.578	-0.015
174.600	-0.015
174.622	-0.015
174.644	-0.015
174.667	-0.015
174.689	-0.015
174.711	-0.015
174.733	-0.015
174.756	-0.015
174.778	-0.015
174.800	-0.015
174.822	-0.015
174.845	-0.015
174.867	-0.015
174.889	-0.015
174.911	-0.015
174.933	-0.015
174.956	-0.015
174.978	-0.015
175.000	-0.015
175.022	-0.015
175.044	-0.015
175.067	-0.015
175.089	-0.015
175.111	-0.015
175.133	-0.015
175.155	-0.015
175.178	-0.015
175.200	-0.015
175.222	-0.015
175.244	-0.015
175.267	-0.015
175.289	-0.015
175.311	-0.015
175.333	-0.015
175.356	-0.015
175.378	-0.015
175.400	-0.015
175.422	-0.015
175.444	-0.015
175.467	-0.015
175.489	-0.015
175.511	-0.015
175.533	-0.015
175.556	-0.015
175.578	-0.015
175.600	-0.015
175.622	-0.015
175.644	-0.015
175.667	-0.015
175.689	-0.015
175.711	-0.015
175.733	-0.015
175.756	-0.015
175.778	-0.015
175.800	-0.015
175.822	-0.015
175.845	-0.015
175.867	-0.015
175.889	-0.015
175.911	-0.015
175.933	-0.015
175.956	-0.015
175.978	-0.015
176.000	-0.015

176.022	-0.015
176.044	-0.016
176.067	-0.016
176.089	-0.017
176.111	-0.018
176.133	-0.019
176.155	-0.020
176.178	-0.020
176.200	-0.021
176.222	-0.022
176.244	-0.022
176.267	-0.023
176.289	-0.023
176.311	-0.024
176.333	-0.024
176.356	-0.025
176.378	-0.025
176.400	-0.025
176.422	-0.025
176.444	-0.026
176.467	-0.026
176.489	-0.026
176.511	-0.026
176.533	-0.026
176.556	-0.026
176.578	-0.026
176.600	-0.026
176.622	-0.026
176.644	-0.026
176.667	-0.026
176.689	-0.026
176.711	-0.026
176.733	-0.026
176.756	-0.026
176.778	-0.026
176.800	-0.026
176.822	-0.026
176.845	-0.025
176.867	-0.025
176.889	-0.025
176.911	-0.025
176.933	-0.025
176.956	-0.025
176.978	-0.025
177.000	-0.024
177.022	-0.024
177.044	-0.024
177.067	-0.024
177.089	-0.024
177.111	-0.024
177.133	-0.024
177.155	-0.024
177.178	-0.023
177.200	-0.023
177.222	-0.023
177.244	-0.023
177.267	-0.023
177.289	-0.023
177.311	-0.023
177.333	-0.023
177.356	-0.022
177.378	-0.022
177.400	-0.022
177.422	-0.022
177.444	-0.022

177.467	-0.022
177.489	-0.022
177.511	-0.022
177.533	-0.022
177.556	-0.022
177.578	-0.021
177.600	-0.021
177.622	-0.021
177.644	-0.021
177.667	-0.021
177.689	-0.021
177.711	-0.021
177.733	-0.021
177.756	-0.021
177.778	-0.021
177.800	-0.021
177.822	-0.021
177.845	-0.021
177.867	-0.020
177.889	-0.020
177.911	-0.020
177.933	-0.020
177.956	-0.020
177.978	-0.020
178.000	-0.020
178.022	-0.020
178.044	-0.020
178.067	-0.020
178.089	-0.020
178.111	-0.020
178.133	-0.020
178.155	-0.020
178.178	-0.020
178.200	-0.020
178.222	-0.020
178.244	-0.020
178.267	-0.020
178.289	-0.019
178.311	-0.019
178.333	-0.019
178.356	-0.019
178.378	-0.019
178.400	-0.019
178.422	-0.019
178.444	-0.019
178.467	-0.019
178.489	-0.019
178.511	-0.019
178.533	-0.019
178.556	-0.019
178.578	-0.019
178.600	-0.019
178.622	-0.019
178.644	-0.019
178.667	-0.019
178.689	-0.019
178.711	-0.019
178.733	-0.019
178.756	-0.019
178.778	-0.019
178.800	-0.019
178.822	-0.019
178.845	-0.019
178.867	-0.019
178.889	-0.019

178.911	-0.019
178.933	-0.019
178.956	-0.019
178.978	-0.019
179.000	-0.018
179.022	-0.018
179.044	-0.018
179.067	-0.018
179.089	-0.018
179.111	-0.018
179.133	-0.018
179.155	-0.018
179.178	-0.018
179.200	-0.018
179.222	-0.018
179.244	-0.018
179.267	-0.018
179.289	-0.018
179.311	-0.018
179.333	-0.018
179.356	-0.018
179.378	-0.018
179.400	-0.018
179.422	-0.018
179.444	-0.018
179.467	-0.018
179.489	-0.018
179.511	-0.018
179.533	-0.018
179.556	-0.018
179.578	-0.018
179.600	-0.018
179.622	-0.018
179.644	-0.018
179.667	-0.018
179.689	-0.018
179.711	-0.018
179.733	-0.018
179.756	-0.018
179.778	-0.018
179.800	-0.018
179.822	-0.018
179.845	-0.018
179.867	-0.018
179.889	-0.018
179.911	-0.018
179.933	-0.018
179.956	-0.018
179.978	-0.018
180.000	-0.018
180.022	-0.018
180.044	-0.018
180.067	-0.018
180.089	-0.018
180.111	-0.018
180.133	-0.018
180.155	-0.018
180.178	-0.018
180.200	-0.018
180.222	-0.018
180.244	-0.018
180.267	-0.018
180.289	-0.018
180.311	-0.018
180.333	-0.018

180.356	-0.018
180.378	-0.017
180.400	-0.017
180.422	-0.017
180.444	-0.017
180.467	-0.017
180.489	-0.017
180.511	-0.017
180.533	-0.017
180.556	-0.017
180.578	-0.017
180.600	-0.017
180.622	-0.017
180.644	-0.017
180.667	-0.017
180.689	-0.017
180.711	-0.017
180.733	-0.017
180.756	-0.017
180.778	-0.017
180.800	-0.017
180.822	-0.017
180.845	-0.017
180.867	-0.017
180.889	-0.017
180.911	-0.017
180.933	-0.017
180.956	-0.017
180.978	-0.017
181.000	-0.017
181.022	-0.017
181.044	-0.017
181.067	-0.017
181.089	-0.017
181.111	-0.017
181.133	-0.017
181.155	-0.017
181.178	-0.017
181.200	-0.017
181.222	-0.017
181.244	-0.017
181.267	-0.017
181.289	-0.017
181.311	-0.017
181.333	-0.017
181.356	-0.017
181.378	-0.017
181.400	-0.017
181.422	-0.017
181.444	-0.017
181.467	-0.017
181.489	-0.017
181.511	-0.017
181.533	-0.017
181.556	-0.017
181.578	-0.017
181.600	-0.017
181.622	-0.017
181.644	-0.017
181.667	-0.017
181.689	-0.017
181.711	-0.017
181.733	-0.017
181.756	-0.017
181.778	-0.017

181.800	-0.017
181.822	-0.017
181.845	-0.017
181.867	-0.017
181.889	-0.017
181.911	-0.017
181.933	-0.017
181.956	-0.017
181.978	-0.017
182.000	-0.017
182.022	-0.017
182.044	-0.017
182.067	-0.017
182.089	-0.017
182.111	-0.017
182.133	-0.017
182.155	-0.017
182.178	-0.017
182.200	-0.017
182.222	-0.017
182.244	-0.017
182.267	-0.017
182.289	-0.017
182.311	-0.017
182.333	-0.017
182.356	-0.017
182.378	-0.017
182.400	-0.017
182.422	-0.017
182.444	-0.017
182.467	-0.017
182.489	-0.017
182.511	-0.017
182.533	-0.017
182.556	-0.017
182.578	-0.017
182.600	-0.017
182.622	-0.017
182.644	-0.017
182.667	-0.017
182.689	-0.017
182.711	-0.017
182.733	-0.017
182.756	-0.017
182.778	-0.017
182.800	-0.017
182.822	-0.017
182.845	-0.017
182.867	-0.017
182.889	-0.017
182.911	-0.017
182.933	-0.017
182.956	-0.017
182.978	-0.017
183.000	-0.017
183.022	-0.017
183.044	-0.017
183.067	-0.017
183.089	-0.017
183.111	-0.017
183.133	-0.016
183.155	-0.016
183.178	-0.016
183.200	-0.016
183.222	-0.016

183.244	-0.016
183.267	-0.016
183.289	-0.016
183.311	-0.016
183.333	-0.016
183.356	-0.016
183.378	-0.016
183.400	-0.016
183.422	-0.016
183.444	-0.016
183.467	-0.016
183.489	-0.016
183.511	-0.016
183.533	-0.016
183.556	-0.016
183.578	-0.016
183.600	-0.016
183.622	-0.016
183.644	-0.016
183.667	-0.016
183.689	-0.016
183.711	-0.016
183.733	-0.016
183.756	-0.016
183.778	-0.016
183.800	-0.016
183.822	-0.016
183.845	-0.016
183.867	-0.016
183.889	-0.016
183.911	-0.016
183.933	-0.016
183.956	-0.016
183.978	-0.016
184.000	-0.016
184.022	-0.016
184.044	-0.016
184.067	-0.015
184.089	-0.014
184.111	-0.013
184.133	-0.012
184.155	-0.011
184.178	-0.010
184.200	-0.009
184.222	-0.009
184.244	-0.008
184.267	-0.008
184.289	-0.007
184.311	-0.007
184.333	-0.006
184.356	-0.006
184.378	-0.006
184.400	-0.006
184.422	-0.006
184.444	-0.005
184.467	-0.005
184.489	-0.005
184.511	-0.005
184.533	-0.005
184.556	-0.005
184.578	-0.005
184.600	-0.005
184.622	-0.005
184.644	-0.005
184.667	-0.005

184.689	-0.005
184.711	-0.005
184.733	-0.005
184.756	-0.005
184.778	-0.005
184.800	-0.006
184.822	-0.006
184.845	-0.006
184.867	-0.006
184.889	-0.006
184.911	-0.006
184.933	-0.006
184.956	-0.006
184.978	-0.006
185.000	-0.006
185.022	-0.006
185.044	-0.007
185.067	-0.007
185.089	-0.007
185.111	-0.007
185.133	-0.007
185.155	-0.007
185.178	-0.007
185.200	-0.007
185.222	-0.007
185.244	-0.007
185.267	-0.007
185.289	-0.008
185.311	-0.008
185.333	-0.008
185.356	-0.008
185.378	-0.008
185.400	-0.008
185.422	-0.008
185.444	-0.008
185.467	-0.008
185.489	-0.008
185.511	-0.008
185.533	-0.008
185.556	-0.009
185.578	-0.009
185.600	-0.009
185.622	-0.009
185.644	-0.009
185.667	-0.009
185.689	-0.009
185.711	-0.009
185.733	-0.009
185.756	-0.009
185.778	-0.009
185.800	-0.009
185.822	-0.009
185.845	-0.009
185.867	-0.009
185.889	-0.009
185.911	-0.009
185.933	-0.010
185.956	-0.010
185.978	-0.010
186.000	-0.010
186.022	-0.010
186.044	-0.010
186.067	-0.010
186.089	-0.010
186.111	-0.010

186.133	-0.010
186.155	-0.010
186.178	-0.010
186.200	-0.010
186.222	-0.010
186.244	-0.010
186.267	-0.010
186.289	-0.010
186.311	-0.010
186.333	-0.010
186.356	-0.010
186.378	-0.010
186.400	-0.010
186.422	-0.010
186.444	-0.010
186.467	-0.010
186.489	-0.011
186.511	-0.011
186.533	-0.011
186.556	-0.011
186.578	-0.011
186.600	-0.011
186.622	-0.011
186.644	-0.011
186.667	-0.011
186.689	-0.011
186.711	-0.011
186.733	-0.011
186.756	-0.011
186.778	-0.011
186.800	-0.011
186.822	-0.011
186.845	-0.011
186.867	-0.011
186.889	-0.011
186.911	-0.011
186.933	-0.011
186.956	-0.011
186.978	-0.011
187.000	-0.011
187.022	-0.011
187.044	-0.011
187.067	-0.011
187.089	-0.011
187.111	-0.011
187.133	-0.011
187.155	-0.011
187.178	-0.011
187.200	-0.011
187.222	-0.011
187.244	-0.011
187.267	-0.011
187.289	-0.011
187.311	-0.011
187.333	-0.011
187.356	-0.011
187.378	-0.011
187.400	-0.011
187.422	-0.011
187.444	-0.011
187.467	-0.011
187.489	-0.012
187.511	-0.012
187.533	-0.012
187.556	-0.012

187.578	-0.012
187.600	-0.012
187.622	-0.012
187.644	-0.012
187.667	-0.012
187.689	-0.012
187.711	-0.012
187.733	-0.012
187.756	-0.012
187.778	-0.012
187.800	-0.012
187.822	-0.012
187.845	-0.012
187.867	-0.012
187.889	-0.012
187.911	-0.012
187.933	-0.012
187.956	-0.012
187.978	-0.012
188.000	-0.012
188.022	-0.012
188.044	-0.012
188.067	-0.012
188.089	-0.012
188.111	-0.012
188.133	-0.012
188.155	-0.012
188.178	-0.012
188.200	-0.012
188.222	-0.012
188.244	-0.012
188.267	-0.012
188.289	-0.012
188.311	-0.012
188.333	-0.012
188.356	-0.012
188.378	-0.012
188.400	-0.012
188.422	-0.012
188.444	-0.012
188.467	-0.012
188.489	-0.012
188.511	-0.012
188.533	-0.012
188.556	-0.012
188.578	-0.012
188.600	-0.012
188.622	-0.012
188.644	-0.012
188.667	-0.012
188.689	-0.012
188.711	-0.012
188.733	-0.012
188.756	-0.012
188.778	-0.012
188.800	-0.012
188.822	-0.012
188.845	-0.012
188.867	-0.012
188.889	-0.012
188.911	-0.012
188.933	-0.012
188.956	-0.012
188.978	-0.012
189.000	-0.012

189.022	-0.012
189.044	-0.012
189.067	-0.012
189.089	-0.012
189.111	-0.012
189.133	-0.012
189.155	-0.012
189.178	-0.012
189.200	-0.012
189.222	-0.012
189.244	-0.012
189.267	-0.012
189.289	-0.012
189.311	-0.012
189.333	-0.012
189.356	-0.012
189.378	-0.012
189.400	-0.012
189.422	-0.012
189.444	-0.012
189.467	-0.012
189.489	-0.012
189.511	-0.012
189.533	-0.012
189.556	-0.012
189.578	-0.012
189.600	-0.012
189.622	-0.012
189.644	-0.012
189.667	-0.012
189.689	-0.012
189.711	-0.012
189.733	-0.012
189.756	-0.012
189.778	-0.012
189.800	-0.012
189.822	-0.012
189.845	-0.012
189.867	-0.012
189.889	-0.012
189.911	-0.012
189.933	-0.012
189.956	-0.012
189.978	-0.012
190.000	-0.012
190.022	-0.012
190.044	-0.012
190.067	-0.012
190.089	-0.012
190.111	-0.012
190.133	-0.012
190.155	-0.012
190.178	-0.012
190.200	-0.012
190.222	-0.012
190.244	-0.012
190.267	-0.012
190.289	-0.012
190.311	-0.012
190.333	-0.012
190.356	-0.012
190.378	-0.012
190.400	-0.012
190.422	-0.012
190.444	-0.012

190.467	-0.012
190.489	-0.012
190.511	-0.012
190.533	-0.012
190.556	-0.012
190.578	-0.012
190.600	-0.012
190.622	-0.012
190.644	-0.012
190.667	-0.012
190.689	-0.012
190.711	-0.012
190.733	-0.012
190.756	-0.012
190.778	-0.012
190.800	-0.012
190.822	-0.012
190.845	-0.012
190.867	-0.012
190.889	-0.012
190.911	-0.012
190.933	-0.012
190.956	-0.012
190.978	-0.012
191.000	-0.012
191.022	-0.013
191.044	-0.013
191.067	-0.013
191.089	-0.013
191.111	-0.013
191.133	-0.013
191.155	-0.013
191.178	-0.013
191.200	-0.013
191.222	-0.013
191.244	-0.013
191.267	-0.013
191.289	-0.013
191.311	-0.013
191.333	-0.013
191.356	-0.013
191.378	-0.013
191.400	-0.013
191.422	-0.013
191.444	-0.013
191.467	-0.013
191.489	-0.013
191.511	-0.013
191.533	-0.013
191.556	-0.013
191.578	-0.013
191.600	-0.013
191.622	-0.013
191.644	-0.013
191.667	-0.013
191.689	-0.013
191.711	-0.013
191.733	-0.013
191.756	-0.013
191.778	-0.013
191.800	-0.013
191.822	-0.013
191.845	-0.013
191.867	-0.013
191.889	-0.013

191.911	-0.013
191.933	-0.013
191.956	-0.013
191.978	-0.013
192.000	-0.013
192.022	-0.013
192.044	-0.013
192.067	-0.012
192.089	-0.012
192.111	-0.012
192.133	-0.012
192.155	-0.012
192.178	-0.012
192.200	-0.012
192.222	-0.012
192.244	-0.012
192.267	-0.012
192.289	-0.012
192.311	-0.012
192.333	-0.012
192.356	-0.012
192.378	-0.012
192.400	-0.012
192.422	-0.012
192.444	-0.012
192.467	-0.012
192.489	-0.012
192.511	-0.012
192.533	-0.012
192.556	-0.012
192.578	-0.012
192.600	-0.012
192.622	-0.012
192.644	-0.012
192.667	-0.012
192.689	-0.012
192.711	-0.012
192.733	-0.012
192.756	-0.011
192.778	-0.011
192.800	-0.011
192.822	-0.011
192.845	-0.011
192.867	-0.011
192.889	-0.011
192.911	-0.011
192.933	-0.011
192.956	-0.012
192.978	-0.012
193.000	-0.012
193.022	-0.012
193.044	-0.012
193.067	-0.012
193.089	-0.012
193.111	-0.012
193.133	-0.012
193.155	-0.012
193.178	-0.012
193.200	-0.012
193.222	-0.012
193.244	-0.012
193.267	-0.012
193.289	-0.012
193.311	-0.012
193.333	-0.012

193.356	-0.012
193.378	-0.012
193.400	-0.012
193.422	-0.012
193.444	-0.012
193.467	-0.012
193.489	-0.012
193.511	-0.012
193.533	-0.012
193.556	-0.012
193.578	-0.012
193.600	-0.012
193.622	-0.012
193.644	-0.012
193.667	-0.012
193.689	-0.012
193.711	-0.012
193.733	-0.012
193.756	-0.012
193.778	-0.012
193.800	-0.012
193.822	-0.012
193.845	-0.012
193.867	-0.012
193.889	-0.012
193.911	-0.012
193.933	-0.012
193.956	-0.012
193.978	-0.012
194.000	-0.012
194.022	-0.012
194.044	-0.012
194.067	-0.012
194.089	-0.012
194.111	-0.012
194.133	-0.012
194.155	-0.012
194.178	-0.012
194.200	-0.012
194.222	-0.012
194.244	-0.012
194.267	-0.012
194.289	-0.012
194.311	-0.012
194.333	-0.012
194.356	-0.012
194.378	-0.012
194.400	-0.012
194.422	-0.012
194.444	-0.012
194.467	-0.012
194.489	-0.012
194.511	-0.012
194.533	-0.012
194.556	-0.012
194.578	-0.012
194.600	-0.012
194.622	-0.012
194.644	-0.012
194.667	-0.012
194.689	-0.012
194.711	-0.012
194.733	-0.012
194.756	-0.012
194.778	-0.012

194.800	-0.012
194.822	-0.012
194.845	-0.012
194.867	-0.012
194.889	-0.012
194.911	-0.012
194.933	-0.012
194.956	-0.012
194.978	-0.012
195.000	-0.012
195.022	-0.012
195.044	-0.012
195.067	-0.012
195.089	-0.012
195.111	-0.012
195.133	-0.012
195.155	-0.012
195.178	-0.012
195.200	-0.012
195.222	-0.012
195.244	-0.012
195.267	-0.012
195.289	-0.012
195.311	-0.012
195.333	-0.012
195.356	-0.012
195.378	-0.012
195.400	-0.012
195.422	-0.012
195.444	-0.012
195.467	-0.012
195.489	-0.012
195.511	-0.012
195.533	-0.012
195.556	-0.012
195.578	-0.012
195.600	-0.012
195.622	-0.012
195.644	-0.012
195.667	-0.012
195.689	-0.012
195.711	-0.012
195.733	-0.012
195.756	-0.012
195.778	-0.012
195.800	-0.012
195.822	-0.012
195.845	-0.012
195.867	-0.012
195.889	-0.012
195.911	-0.012
195.933	-0.012
195.956	-0.012
195.978	-0.012
196.000	-0.012
196.022	-0.012
196.044	-0.012
196.067	-0.012
196.089	-0.012
196.111	-0.012
196.133	-0.012
196.155	-0.012
196.178	-0.012
196.200	-0.012
196.222	-0.012

196.244	-0.012
196.267	-0.012
196.289	-0.012
196.311	-0.012
196.333	-0.012
196.356	-0.012
196.378	-0.012
196.400	-0.012
196.422	-0.012
196.444	-0.012
196.467	-0.012
196.489	-0.012
196.511	-0.012
196.533	-0.012
196.556	-0.012
196.578	-0.012
196.600	-0.012
196.622	-0.012
196.644	-0.012
196.667	-0.012
196.689	-0.012
196.711	-0.012
196.733	-0.012
196.756	-0.012
196.778	-0.012
196.800	-0.012
196.822	-0.012
196.845	-0.012
196.867	-0.012
196.889	-0.012
196.911	-0.012
196.933	-0.012
196.956	-0.012
196.978	-0.012
197.000	-0.012
197.022	-0.012
197.044	-0.012
197.067	-0.012
197.089	-0.012
197.111	-0.012
197.133	-0.012
197.155	-0.012
197.178	-0.012
197.200	-0.012
197.222	-0.012
197.244	-0.012
197.267	-0.012
197.289	-0.012
197.311	-0.012
197.333	-0.012
197.356	-0.012
197.378	-0.012
197.400	-0.012
197.422	-0.012
197.444	-0.012
197.467	-0.012
197.489	-0.012
197.511	-0.012
197.533	-0.012
197.556	-0.012
197.578	-0.012
197.600	-0.012
197.622	-0.012
197.644	-0.012
197.667	-0.012

197.689	-0.012
197.711	-0.012
197.733	-0.012
197.756	-0.012
197.778	-0.012
197.800	-0.012
197.822	-0.012
197.845	-0.012
197.867	-0.012
197.889	-0.012
197.911	-0.012
197.933	-0.012
197.956	-0.012
197.978	-0.012
198.000	-0.012
198.022	-0.012
198.044	-0.012
198.067	-0.012
198.089	-0.012
198.111	-0.012
198.133	-0.012
198.155	-0.012
198.178	-0.012
198.200	-0.012
198.222	-0.012
198.244	-0.012
198.267	-0.012
198.289	-0.012
198.311	-0.012
198.333	-0.012
198.356	-0.012
198.378	-0.012
198.400	-0.012
198.422	-0.012
198.444	-0.012
198.467	-0.012
198.489	-0.012
198.511	-0.012
198.533	-0.012
198.556	-0.012
198.578	-0.012
198.600	-0.012
198.622	-0.012
198.644	-0.012
198.667	-0.012
198.689	-0.012
198.711	-0.012
198.733	-0.012
198.756	-0.012
198.778	-0.012
198.800	-0.012
198.822	-0.012
198.845	-0.012
198.867	-0.012
198.889	-0.012
198.911	-0.012
198.933	-0.012
198.956	-0.012
198.978	-0.012
199.000	-0.012
199.022	-0.012
199.044	-0.012
199.067	-0.012
199.089	-0.012
199.111	-0.012

199.133	-0.012
199.155	-0.012
199.178	-0.012
199.200	-0.012
199.222	-0.012
199.244	-0.012
199.267	-0.012
199.289	-0.012
199.311	-0.012
199.333	-0.012
199.356	-0.012
199.378	-0.012
199.400	-0.012
199.422	-0.012
199.444	-0.012
199.467	-0.012
199.489	-0.012
199.511	-0.012
199.533	-0.012
199.556	-0.012
199.578	-0.012
199.600	-0.012
199.622	-0.012
199.644	-0.012
199.667	-0.012
199.689	-0.012
199.711	-0.012
199.733	-0.012
199.756	-0.012
199.778	-0.012
199.800	-0.012
199.822	-0.012
199.845	-0.012
199.867	-0.012
199.889	-0.012
199.911	-0.012
199.933	-0.012
199.956	-0.012
199.978	-0.012
200.000	-0.012
200.022	-0.012
200.044	-0.012
200.067	-0.012
200.089	-0.012
200.111	-0.012
200.133	-0.012
200.155	-0.012
200.178	-0.012
200.200	-0.012
200.222	-0.012
200.244	-0.012
200.267	-0.012
200.289	-0.012
200.311	-0.012
200.333	-0.012
200.356	-0.012
200.378	-0.012
200.400	-0.012
200.422	-0.012
200.444	-0.012
200.467	-0.012
200.489	-0.012
200.511	-0.012
200.533	-0.012
200.556	-0.012

200.578	-0.012
200.600	-0.012
200.622	-0.012
200.644	-0.012
200.667	-0.012
200.689	-0.012
200.711	-0.012
200.733	-0.012
200.756	-0.012
200.778	-0.012
200.800	-0.012
200.822	-0.012
200.845	-0.012
200.867	-0.012
200.889	-0.012
200.911	-0.012
200.933	-0.012
200.956	-0.012
200.978	-0.012
201.000	-0.012
201.022	-0.012
201.044	-0.012
201.067	-0.012
201.089	-0.012
201.111	-0.012
201.133	-0.012
201.155	-0.012
201.178	-0.012
201.200	-0.012
201.222	-0.012
201.244	-0.012
201.267	-0.012
201.289	-0.012
201.311	-0.012
201.333	-0.012
201.356	-0.012
201.378	-0.012
201.400	-0.012
201.422	-0.012
201.444	-0.012
201.467	-0.012
201.489	-0.012
201.511	-0.012
201.533	-0.012
201.556	-0.012
201.578	-0.012
201.600	-0.012
201.622	-0.012
201.644	-0.012
201.667	-0.012
201.689	-0.012
201.711	-0.012
201.733	-0.012
201.756	-0.012
201.778	-0.012
201.800	-0.012
201.822	-0.012
201.845	-0.012
201.867	-0.012
201.889	-0.012
201.911	-0.012
201.933	-0.012
201.956	-0.012
201.978	-0.012
202.000	-0.012

202.022	-0.012
202.044	-0.012
202.067	-0.012
202.089	-0.012
202.111	-0.012
202.133	-0.012
202.155	-0.012
202.178	-0.012
202.200	-0.012
202.222	-0.012
202.244	-0.012
202.267	-0.012
202.289	-0.012
202.311	-0.012
202.333	-0.012
202.356	-0.012
202.378	-0.012
202.400	-0.012
202.422	-0.012
202.444	-0.012
202.467	-0.012
202.489	-0.012
202.511	-0.012
202.533	-0.012
202.556	-0.012
202.578	-0.012
202.600	-0.012
202.622	-0.012
202.644	-0.012
202.667	-0.012
202.689	-0.012
202.711	-0.012
202.733	-0.012
202.756	-0.012
202.778	-0.012
202.800	-0.012
202.822	-0.012
202.845	-0.012
202.867	-0.012
202.889	-0.012
202.911	-0.012
202.933	-0.012
202.956	-0.012
202.978	-0.012
203.000	-0.012
203.022	-0.012
203.044	-0.012
203.067	-0.012
203.089	-0.012
203.111	-0.012
203.133	-0.012
203.155	-0.012
203.178	-0.012
203.200	-0.012
203.222	-0.012
203.244	-0.012
203.267	-0.012
203.289	-0.012
203.311	-0.012
203.333	-0.012
203.356	-0.012
203.378	-0.012
203.400	-0.012
203.422	-0.012
203.444	-0.012

203.467	-0.012
203.489	-0.012
203.511	-0.012
203.533	-0.012
203.556	-0.012
203.578	-0.012
203.600	-0.012
203.622	-0.012
203.644	-0.012
203.667	-0.012
203.689	-0.012
203.711	-0.012
203.733	-0.012
203.756	-0.012
203.778	-0.012
203.800	-0.012
203.822	-0.012
203.845	-0.012
203.867	-0.012
203.889	-0.012
203.911	-0.012
203.933	-0.012
203.956	-0.012
203.978	-0.012
204.000	-0.012
204.022	-0.012
204.044	-0.012
204.067	-0.012
204.089	-0.012
204.111	-0.012
204.133	-0.012
204.155	-0.012
204.178	-0.012
204.200	-0.012
204.222	-0.012
204.244	-0.012
204.267	-0.012
204.289	-0.012
204.311	-0.012
204.333	-0.012
204.356	-0.012
204.378	-0.012
204.400	-0.012
204.422	-0.012
204.444	-0.012
204.467	-0.012
204.489	-0.012
204.511	-0.012
204.533	-0.012
204.556	-0.012
204.578	-0.012
204.600	-0.012
204.622	-0.012
204.644	-0.012
204.667	-0.012
204.689	-0.012
204.711	-0.012
204.733	-0.012
204.756	-0.012
204.778	-0.012
204.800	-0.012
204.822	-0.012
204.845	-0.012
204.867	-0.012
204.889	-0.012

204.911	-0.012
204.933	-0.012
204.956	-0.012
204.978	-0.012
205.000	-0.012
205.022	-0.012
205.044	-0.012
205.067	-0.012
205.089	-0.012
205.111	-0.012
205.133	-0.012
205.155	-0.012
205.178	-0.012
205.200	-0.012
205.222	-0.012
205.244	-0.012
205.267	-0.012
205.289	-0.012
205.311	-0.012
205.333	-0.012
205.356	-0.012
205.378	-0.012
205.400	-0.012
205.422	-0.012
205.444	-0.012
205.467	-0.012
205.489	-0.012
205.511	-0.012
205.533	-0.012
205.556	-0.012
205.578	-0.012
205.600	-0.012
205.622	-0.012
205.644	-0.012
205.667	-0.012
205.689	-0.012
205.711	-0.012
205.733	-0.012
205.756	-0.012
205.778	-0.012
205.800	-0.012
205.822	-0.012
205.845	-0.012
205.867	-0.012
205.889	-0.012
205.911	-0.012
205.933	-0.012
205.956	-0.012
205.978	-0.012
206.000	-0.012
206.022	-0.012
206.044	-0.012
206.067	-0.012
206.089	-0.012
206.111	-0.012
206.133	-0.012
206.155	-0.012
206.178	-0.012
206.200	-0.012
206.222	-0.012
206.244	-0.012
206.267	-0.012
206.289	-0.012
206.311	-0.012
206.333	-0.012

206.356	-0.012
206.378	-0.012
206.400	-0.012
206.422	-0.012
206.444	-0.012
206.467	-0.012
206.489	-0.012
206.511	-0.012
206.533	-0.012
206.556	-0.012
206.578	-0.012
206.600	-0.012
206.622	-0.012
206.644	-0.012
206.667	-0.012
206.689	-0.012
206.711	-0.012
206.733	-0.012
206.756	-0.012
206.778	-0.012
206.800	-0.012
206.822	-0.012
206.845	-0.012
206.867	-0.012
206.889	-0.012
206.911	-0.012
206.933	-0.012
206.956	-0.012
206.978	-0.012
207.000	-0.012
207.022	-0.012
207.044	-0.012
207.067	-0.012
207.089	-0.012
207.111	-0.012
207.133	-0.012
207.155	-0.012
207.178	-0.012
207.200	-0.012
207.222	-0.012
207.244	-0.012
207.267	-0.012
207.289	-0.012
207.311	-0.012
207.333	-0.012
207.356	-0.012
207.378	-0.012
207.400	-0.012
207.422	-0.012
207.444	-0.012
207.467	-0.012
207.489	-0.012
207.511	-0.012
207.533	-0.012
207.556	-0.012
207.578	-0.012
207.600	-0.012
207.622	-0.012
207.644	-0.012
207.667	-0.012
207.689	-0.012
207.711	-0.012
207.733	-0.012
207.756	-0.012
207.778	-0.012

207.800	-0.012
207.822	-0.012
207.845	-0.012
207.867	-0.012
207.889	-0.012
207.911	-0.012
207.933	-0.012
207.956	-0.012
207.978	-0.012
208.000	-0.012
208.022	-0.012
208.044	-0.012
208.067	-0.012
208.089	-0.012
208.111	-0.012
208.133	-0.012
208.155	-0.012
208.178	-0.012
208.200	-0.012
208.222	-0.012
208.244	-0.012
208.267	-0.012
208.289	-0.012
208.311	-0.012
208.333	-0.012
208.356	-0.012
208.378	-0.012
208.400	-0.012
208.422	-0.012
208.444	-0.012
208.467	-0.012
208.489	-0.012
208.511	-0.012
208.533	-0.012
208.556	-0.012
208.578	-0.012
208.600	-0.012
208.622	-0.012
208.644	-0.012
208.667	-0.012
208.689	-0.012
208.711	-0.012
208.733	-0.012
208.756	-0.012
208.778	-0.012
208.800	-0.012
208.822	-0.012
208.845	-0.012
208.867	-0.012
208.889	-0.012
208.911	-0.012
208.933	-0.012
208.956	-0.012
208.978	-0.012
209.000	-0.012
209.022	-0.012
209.044	-0.012
209.067	-0.012
209.089	-0.012
209.111	-0.012
209.133	-0.012
209.155	-0.012
209.178	-0.012
209.200	-0.012
209.222	-0.012

209.244	-0.012
209.267	-0.012
209.289	-0.012
209.311	-0.012
209.333	-0.012
209.356	-0.012
209.378	-0.012
209.400	-0.012
209.422	-0.012
209.444	-0.012
209.467	-0.012
209.489	-0.012
209.511	-0.012
209.533	-0.012
209.556	-0.012
209.578	-0.012
209.600	-0.012
209.622	-0.012
209.644	-0.012
209.667	-0.012
209.689	-0.012
209.711	-0.012
209.733	-0.012
209.756	-0.012
209.778	-0.012
209.800	-0.012
209.822	-0.012
209.845	-0.012
209.867	-0.012
209.889	-0.012
209.911	-0.012
209.933	-0.012
209.956	-0.012
209.978	-0.012
210.000	-0.012
210.022	-0.012
210.044	-0.012
210.067	-0.012
210.089	-0.012
210.111	-0.012
210.133	-0.012
210.155	-0.012
210.178	-0.012
210.200	-0.012
210.222	-0.012
210.244	-0.012
210.267	-0.012
210.289	-0.012
210.311	-0.012
210.333	-0.012
210.356	-0.012
210.378	-0.012
210.400	-0.012
210.422	-0.012
210.444	-0.012
210.467	-0.012
210.489	-0.012
210.511	-0.012
210.533	-0.012
210.556	-0.012
210.578	-0.012
210.600	-0.012
210.622	-0.012
210.644	-0.012
210.667	-0.012

210.689	-0.012
210.711	-0.012
210.733	-0.012
210.756	-0.012
210.778	-0.012
210.800	-0.012
210.822	-0.012
210.845	-0.012
210.867	-0.012
210.889	-0.012
210.911	-0.012
210.933	-0.012
210.956	-0.012
210.978	-0.012
211.000	-0.012
211.022	-0.012
211.044	-0.012
211.067	-0.012
211.089	-0.012
211.111	-0.012
211.133	-0.012
211.155	-0.012
211.178	-0.012
211.200	-0.012
211.222	-0.012
211.244	-0.012
211.267	-0.012
211.289	-0.012
211.311	-0.012
211.333	-0.012
211.356	-0.012
211.378	-0.012
211.400	-0.012
211.422	-0.012
211.444	-0.012
211.467	-0.012
211.489	-0.012
211.511	-0.012
211.533	-0.012
211.556	-0.012
211.578	-0.012
211.600	-0.012
211.622	-0.012
211.644	-0.012
211.667	-0.012
211.689	-0.012
211.711	-0.012
211.733	-0.012
211.756	-0.012
211.778	-0.012
211.800	-0.012
211.822	-0.012
211.845	-0.012
211.867	-0.012
211.889	-0.012
211.911	-0.012
211.933	-0.012
211.956	-0.012
211.978	-0.012
212.000	-0.012
212.022	-0.012
212.044	-0.012
212.067	-0.012
212.089	-0.012
212.111	-0.012

212.133	-0.012
212.155	-0.012
212.178	-0.012
212.200	-0.012
212.222	-0.012
212.244	-0.012
212.267	-0.012
212.289	-0.012
212.311	-0.012
212.333	-0.012
212.356	-0.012
212.378	-0.012
212.400	-0.012
212.422	-0.012
212.444	-0.012
212.467	-0.012
212.489	-0.012
212.511	-0.012
212.533	-0.012
212.556	-0.012
212.578	-0.012
212.600	-0.012
212.622	-0.012
212.644	-0.012
212.667	-0.012
212.689	-0.012
212.711	-0.012
212.733	-0.012
212.756	-0.012
212.778	-0.012
212.800	-0.012
212.822	-0.012
212.845	-0.012
212.867	-0.012
212.889	-0.012
212.911	-0.012
212.933	-0.012
212.956	-0.012
212.978	-0.012
213.000	-0.012
213.022	-0.012
213.044	-0.012
213.067	-0.012
213.089	-0.012
213.111	-0.012
213.133	-0.012
213.155	-0.012
213.178	-0.012
213.200	-0.012
213.222	-0.012
213.244	-0.012
213.267	-0.012
213.289	-0.012
213.311	-0.012
213.333	-0.012
213.356	-0.012
213.378	-0.012
213.400	-0.012
213.422	-0.012
213.444	-0.012
213.467	-0.012
213.489	-0.012
213.511	-0.012
213.533	-0.012
213.556	-0.012

213.578	-0.012
213.600	-0.012
213.622	-0.012
213.644	-0.012
213.667	-0.012
213.689	-0.012
213.711	-0.012
213.733	-0.012
213.756	-0.012
213.778	-0.012
213.800	-0.012
213.822	-0.012
213.845	-0.012
213.867	-0.012
213.889	-0.012
213.911	-0.012
213.933	-0.012
213.956	-0.012
213.978	-0.012
214.000	-0.012
214.022	-0.012
214.044	-0.012
214.067	-0.012
214.089	-0.012
214.111	-0.012
214.133	-0.012
214.155	-0.012
214.178	-0.012
214.200	-0.012
214.222	-0.012
214.244	-0.012
214.267	-0.012
214.289	-0.012
214.311	-0.012
214.333	-0.012
214.356	-0.012
214.378	-0.012
214.400	-0.012
214.422	-0.012
214.444	-0.012
214.467	-0.012
214.489	-0.012
214.511	-0.012
214.533	-0.012
214.556	-0.012
214.578	-0.012
214.600	-0.012
214.622	-0.012
214.644	-0.012
214.667	-0.012
214.689	-0.012
214.711	-0.012
214.733	-0.012
214.756	-0.012
214.778	-0.012
214.800	-0.012
214.822	-0.012
214.845	-0.012
214.867	-0.012
214.889	-0.012
214.911	-0.012
214.933	-0.012
214.956	-0.012
214.978	-0.012
215.000	-0.012

215.022	-0.012
215.044	-0.012
215.067	-0.012
215.089	-0.012
215.111	-0.012
215.133	-0.012
215.155	-0.012
215.178	-0.012
215.200	-0.012
215.222	-0.012
215.244	-0.012
215.267	-0.012
215.289	-0.012
215.311	-0.012
215.333	-0.012
215.356	-0.012
215.378	-0.012
215.400	-0.012
215.422	-0.012
215.444	-0.012
215.467	-0.012
215.489	-0.012
215.511	-0.012
215.533	-0.012
215.556	-0.012
215.578	-0.012
215.600	-0.012
215.622	-0.012
215.644	-0.012
215.667	-0.012
215.689	-0.012
215.711	-0.012
215.733	-0.012
215.756	-0.012
215.778	-0.012
215.800	-0.012
215.822	-0.012
215.845	-0.012
215.867	-0.012
215.889	-0.012
215.911	-0.012
215.933	-0.012
215.956	-0.012
215.978	-0.012
216.000	-0.012
216.022	-0.012
216.044	-0.012
216.067	-0.012
216.089	-0.012
216.111	-0.012
216.133	-0.012
216.155	-0.012
216.178	-0.011
216.200	-0.011
216.222	-0.011
216.244	-0.011
216.267	-0.011
216.289	-0.011
216.311	-0.011
216.333	-0.011
216.356	-0.011
216.378	-0.011
216.400	-0.011
216.422	-0.011
216.444	-0.011

216.467	-0.011
216.489	-0.011
216.511	-0.011
216.533	-0.011
216.556	-0.011
216.578	-0.011
216.600	-0.011
216.622	-0.011
216.644	-0.011
216.667	-0.011
216.689	-0.011
216.711	-0.011
216.733	-0.011
216.756	-0.011
216.778	-0.011
216.800	-0.011
216.822	-0.011
216.845	-0.011
216.867	-0.011
216.889	-0.011
216.911	-0.011
216.933	-0.011
216.956	-0.011
216.978	-0.011
217.000	-0.011
217.022	-0.011
217.044	-0.011
217.067	-0.011
217.089	-0.011
217.111	-0.011
217.133	-0.011
217.155	-0.011
217.178	-0.011
217.200	-0.011
217.222	-0.011
217.244	-0.011
217.267	-0.011
217.289	-0.011
217.311	-0.011
217.333	-0.011
217.356	-0.011
217.378	-0.011
217.400	-0.011
217.422	-0.011
217.444	-0.011
217.467	-0.011
217.489	-0.011
217.511	-0.011
217.533	-0.011
217.556	-0.011
217.578	-0.011
217.600	-0.011
217.622	-0.011
217.644	-0.011
217.667	-0.011
217.689	-0.011
217.711	-0.011
217.733	-0.011
217.756	-0.011
217.778	-0.011
217.800	-0.011
217.822	-0.011
217.845	-0.011
217.867	-0.011
217.889	-0.011

217.911	-0.011
217.933	-0.011
217.956	-0.011
217.978	-0.011
218.000	-0.011
218.022	-0.011
218.044	-0.011
218.067	-0.011
218.089	-0.011
218.111	-0.011
218.133	-0.011
218.155	-0.011
218.178	-0.011
218.200	-0.011
218.222	-0.011
218.244	-0.011
218.267	-0.011
218.289	-0.011
218.311	-0.011
218.333	-0.011
218.356	-0.011
218.378	-0.011
218.400	-0.011
218.422	-0.011
218.444	-0.011
218.467	-0.011
218.489	-0.011
218.511	-0.011
218.533	-0.011
218.556	-0.011
218.578	-0.011
218.600	-0.011
218.622	-0.011
218.644	-0.011
218.667	-0.011
218.689	-0.011
218.711	-0.011
218.733	-0.011
218.756	-0.011
218.778	-0.011
218.800	-0.011
218.822	-0.011
218.845	-0.011
218.867	-0.011
218.889	-0.011
218.911	-0.011
218.933	-0.011
218.956	-0.011
218.978	-0.011
219.000	-0.011
219.022	-0.011
219.044	-0.011
219.067	-0.011
219.089	-0.011
219.111	-0.011
219.133	-0.011
219.155	-0.011
219.178	-0.011
219.200	-0.011
219.222	-0.011
219.244	-0.011
219.267	-0.011
219.289	-0.011
219.311	-0.011
219.333	-0.011

219.356	-0.011
219.378	-0.011
219.400	-0.011
219.422	-0.011
219.444	-0.011
219.467	-0.011
219.489	-0.011
219.511	-0.011
219.533	-0.011
219.556	-0.011
219.578	-0.011
219.600	-0.011
219.622	-0.011
219.644	-0.011
219.667	-0.011
219.689	-0.011
219.711	-0.011
219.733	-0.011
219.756	-0.011
219.778	-0.011
219.800	-0.011
219.822	-0.011
219.845	-0.011
219.867	-0.011
219.889	-0.011
219.911	-0.011
219.933	-0.011
219.956	-0.011
219.978	-0.011
220.000	-0.011
220.022	-0.011
220.044	-0.011
220.067	-0.011
220.089	-0.011
220.111	-0.011
220.133	-0.011
220.155	-0.011
220.178	-0.011
220.200	-0.011
220.222	-0.011
220.244	-0.011
220.267	-0.011
220.289	-0.011
220.311	-0.011
220.333	-0.011
220.356	-0.011
220.378	-0.011
220.400	-0.011
220.422	-0.011
220.444	-0.011
220.467	-0.011
220.489	-0.011
220.511	-0.011
220.533	-0.011
220.556	-0.011
220.578	-0.011
220.600	-0.011
220.622	-0.011
220.644	-0.011
220.667	-0.011
220.689	-0.011
220.711	-0.011
220.733	-0.011
220.756	-0.011
220.778	-0.011

220.800	-0.011
220.822	-0.011
220.845	-0.011
220.867	-0.011
220.889	-0.011
220.911	-0.011
220.933	-0.011
220.956	-0.011
220.978	-0.011
221.000	-0.011
221.022	-0.011
221.044	-0.011
221.067	-0.011
221.089	-0.011
221.111	-0.011
221.133	-0.011
221.155	-0.011
221.178	-0.011
221.200	-0.011
221.222	-0.011
221.244	-0.011
221.267	-0.011
221.289	-0.011
221.311	-0.011
221.333	-0.011
221.356	-0.011
221.378	-0.011
221.400	-0.011
221.422	-0.011
221.444	-0.011
221.467	-0.011
221.489	-0.011
221.511	-0.011
221.533	-0.011
221.556	-0.011
221.578	-0.011
221.600	-0.011
221.622	-0.011
221.644	-0.011
221.667	-0.011
221.689	-0.011
221.711	-0.011
221.733	-0.011
221.756	-0.011
221.778	-0.011
221.800	-0.011
221.822	-0.011
221.845	-0.011
221.867	-0.011
221.889	-0.011
221.911	-0.011
221.933	-0.011
221.956	-0.011
221.978	-0.011
222.000	-0.011
222.022	-0.011
222.044	-0.011
222.067	-0.011
222.089	-0.011
222.111	-0.011
222.133	-0.011
222.155	-0.011
222.178	-0.011
222.200	-0.011
222.222	-0.011

222.244	-0.011
222.267	-0.011
222.289	-0.011
222.311	-0.011
222.333	-0.011
222.356	-0.011
222.378	-0.011
222.400	-0.011
222.422	-0.011
222.444	-0.011
222.467	-0.011
222.489	-0.011
222.511	-0.011
222.533	-0.011
222.556	-0.011
222.578	-0.011
222.600	-0.011
222.622	-0.011
222.644	-0.011
222.667	-0.011
222.689	-0.011
222.711	-0.011
222.733	-0.011
222.756	-0.011
222.778	-0.011
222.800	-0.011
222.822	-0.011
222.845	-0.011
222.867	-0.011
222.889	-0.011
222.911	-0.011
222.933	-0.011
222.956	-0.011
222.978	-0.011
223.000	-0.011
223.022	-0.011
223.044	-0.011
223.067	-0.011
223.089	-0.011
223.111	-0.011
223.133	-0.011
223.155	-0.011
223.178	-0.011
223.200	-0.011
223.222	-0.011
223.244	-0.011
223.267	-0.011
223.289	-0.011
223.311	-0.011
223.333	-0.011
223.356	-0.011
223.378	-0.011
223.400	-0.011
223.422	-0.011
223.444	-0.011
223.467	-0.011
223.489	-0.011
223.511	-0.011
223.533	-0.011
223.556	-0.011
223.578	-0.011
223.600	-0.011
223.622	-0.011
223.644	-0.011
223.667	-0.011

223.689	-0.011
223.711	-0.011
223.733	-0.011
223.756	-0.011
223.778	-0.011
223.800	-0.011
223.822	-0.011
223.845	-0.011
223.867	-0.011
223.889	-0.011
223.911	-0.011
223.933	-0.011
223.956	-0.011
223.978	-0.011
224.000	-0.011
224.022	-0.011
224.044	-0.011
224.067	-0.011
224.089	-0.011
224.111	-0.011
224.133	-0.011
224.155	-0.011
224.178	-0.011
224.200	-0.011
224.222	-0.011
224.244	-0.011
224.267	-0.011
224.289	-0.011
224.311	-0.011
224.333	-0.011
224.356	-0.011
224.378	-0.011
224.400	-0.011
224.422	-0.011
224.444	-0.011
224.467	-0.011
224.489	-0.011
224.511	-0.011
224.533	-0.011
224.556	-0.011
224.578	-0.011
224.600	-0.011
224.622	-0.011
224.644	-0.011
224.667	-0.011
224.689	-0.011
224.711	-0.011
224.733	-0.011
224.756	-0.011
224.778	-0.011
224.800	-0.011
224.822	-0.011
224.845	-0.011
224.867	-0.011
224.889	-0.011
224.911	-0.011
224.933	-0.011
224.956	-0.011
224.978	-0.011
225.000	-0.011
225.022	-0.011
225.044	-0.011
225.067	-0.011
225.089	-0.011
225.111	-0.011

225.133	-0.011
225.155	-0.011
225.178	-0.011
225.200	-0.011
225.222	-0.011
225.244	-0.011
225.267	-0.011
225.289	-0.011
225.311	-0.011
225.333	-0.011
225.356	-0.011
225.378	-0.011
225.400	-0.011
225.422	-0.011
225.444	-0.011
225.467	-0.011
225.489	-0.011
225.511	-0.011
225.533	-0.011
225.556	-0.011
225.578	-0.011
225.600	-0.011
225.622	-0.011
225.644	-0.011
225.667	-0.011
225.689	-0.011
225.711	-0.011
225.733	-0.011
225.756	-0.011
225.778	-0.011
225.800	-0.011
225.822	-0.011
225.845	-0.011
225.867	-0.011
225.889	-0.011
225.911	-0.011
225.933	-0.011
225.956	-0.011
225.978	-0.011
226.000	-0.011
226.022	-0.011
226.044	-0.011
226.067	-0.011
226.089	-0.011
226.111	-0.011
226.133	-0.011
226.155	-0.011
226.178	-0.011
226.200	-0.011
226.222	-0.011
226.244	-0.011
226.267	-0.011
226.289	-0.011
226.311	-0.011
226.333	-0.011
226.356	-0.011
226.378	-0.011
226.400	-0.011
226.422	-0.011
226.444	-0.011
226.467	-0.011
226.489	-0.011
226.511	-0.011
226.533	-0.011
226.556	-0.011

226.578	-0.011
226.600	-0.011
226.622	-0.011
226.644	-0.011
226.667	-0.011
226.689	-0.011
226.711	-0.011
226.733	-0.011
226.756	-0.011
226.778	-0.011
226.800	-0.011
226.822	-0.011
226.845	-0.011
226.867	-0.011
226.889	-0.011
226.911	-0.011
226.933	-0.011
226.956	-0.011
226.978	-0.011
227.000	-0.011
227.022	-0.011
227.044	-0.011
227.067	-0.011
227.089	-0.011
227.111	-0.011
227.133	-0.011
227.155	-0.011
227.178	-0.011
227.200	-0.011
227.222	-0.011
227.244	-0.011
227.267	-0.011
227.289	-0.011
227.311	-0.011
227.333	-0.011
227.356	-0.011
227.378	-0.011
227.400	-0.011
227.422	-0.011
227.444	-0.011
227.467	-0.011
227.489	-0.011
227.511	-0.011
227.533	-0.011
227.556	-0.011
227.578	-0.011
227.600	-0.011
227.622	-0.011
227.644	-0.011
227.667	-0.011
227.689	-0.011
227.711	-0.011
227.733	-0.011
227.756	-0.011
227.778	-0.011
227.800	-0.011
227.822	-0.011
227.845	-0.011
227.867	-0.011
227.889	-0.011
227.911	-0.011
227.933	-0.011
227.956	-0.011
227.978	-0.011
228.000	-0.011

228.022	-0.011
228.044	-0.011
228.067	-0.011
228.089	-0.011
228.111	-0.011
228.133	-0.011
228.155	-0.011
228.178	-0.011
228.200	-0.011
228.222	-0.011
228.244	-0.011
228.267	-0.011
228.289	-0.011
228.311	-0.011
228.333	-0.011
228.356	-0.011
228.378	-0.011
228.400	-0.011
228.422	-0.011
228.444	-0.011
228.467	-0.011
228.489	-0.011
228.511	-0.011
228.533	-0.011
228.556	-0.011
228.578	-0.011
228.600	-0.011
228.622	-0.011
228.644	-0.011
228.667	-0.011
228.689	-0.011
228.711	-0.011
228.733	-0.011
228.756	-0.011
228.778	-0.011
228.800	-0.011
228.822	-0.011
228.845	-0.011
228.867	-0.011
228.889	-0.011
228.911	-0.011
228.933	-0.011
228.956	-0.011
228.978	-0.011
229.000	-0.011
229.022	-0.011
229.044	-0.011
229.067	-0.011
229.089	-0.011
229.111	-0.011
229.133	-0.011
229.155	-0.011
229.178	-0.011
229.200	-0.011
229.222	-0.011
229.244	-0.011
229.267	-0.011
229.289	-0.011
229.311	-0.011
229.333	-0.011
229.356	-0.011
229.378	-0.011
229.400	-0.011
229.422	-0.011
229.444	-0.011

229.467	-0.011
229.489	-0.011
229.511	-0.011
229.533	-0.011
229.556	-0.011
229.578	-0.011
229.600	-0.011
229.622	-0.011
229.644	-0.011
229.667	-0.011
229.689	-0.011
229.711	-0.011
229.733	-0.011
229.756	-0.011
229.778	-0.011
229.800	-0.011
229.822	-0.011
229.845	-0.011
229.867	-0.011
229.889	-0.011
229.911	-0.011
229.933	-0.011
229.956	-0.011
229.978	-0.011
230.000	-0.011
230.022	-0.011
230.044	-0.011
230.067	-0.011
230.089	-0.011
230.111	-0.011
230.133	-0.011
230.155	-0.011
230.178	-0.011
230.200	-0.011
230.222	-0.011
230.244	-0.011
230.267	-0.011
230.289	-0.011
230.311	-0.011
230.333	-0.011
230.356	-0.011
230.378	-0.011
230.400	-0.011
230.422	-0.011
230.444	-0.011
230.467	-0.011
230.489	-0.011
230.511	-0.011
230.533	-0.011
230.556	-0.011
230.578	-0.011
230.600	-0.011
230.622	-0.011
230.644	-0.011
230.667	-0.011
230.689	-0.011
230.711	-0.011
230.733	-0.011
230.756	-0.011
230.778	-0.011
230.800	-0.011
230.822	-0.011
230.845	-0.011
230.867	-0.011
230.889	-0.011

230.911	-0.011
230.933	-0.011
230.956	-0.011
230.978	-0.011
231.000	-0.011
231.022	-0.011
231.044	-0.011
231.067	-0.011
231.089	-0.011
231.111	-0.011
231.133	-0.011
231.155	-0.011
231.178	-0.011
231.200	-0.011
231.222	-0.011
231.244	-0.011
231.267	-0.011
231.289	-0.011
231.311	-0.011
231.333	-0.011
231.356	-0.011
231.378	-0.011
231.400	-0.011
231.422	-0.011
231.444	-0.011
231.467	-0.011
231.489	-0.011
231.511	-0.011
231.533	-0.011
231.556	-0.011
231.578	-0.011
231.600	-0.011
231.622	-0.011
231.644	-0.011
231.667	-0.011
231.689	-0.011
231.711	-0.011
231.733	-0.011
231.756	-0.011
231.778	-0.011
231.800	-0.011
231.822	-0.011
231.845	-0.011
231.867	-0.011
231.889	-0.011
231.911	-0.011
231.933	-0.011
231.956	-0.011
231.978	-0.011
232.000	-0.011
232.022	-0.011
232.044	-0.011
232.067	-0.011
232.089	-0.011
232.111	-0.011
232.133	-0.011
232.155	-0.011
232.178	-0.011
232.200	-0.011
232.222	-0.011
232.244	-0.011
232.267	-0.011
232.289	-0.011
232.311	-0.011
232.333	-0.011

232.356	-0.011
232.378	-0.011
232.400	-0.011
232.422	-0.011
232.444	-0.011
232.467	-0.011
232.489	-0.011
232.511	-0.011
232.533	-0.011
232.556	-0.011
232.578	-0.011
232.600	-0.011
232.622	-0.011
232.644	-0.011
232.667	-0.011
232.689	-0.011
232.711	-0.011
232.733	-0.011
232.756	-0.011
232.778	-0.011
232.800	-0.011
232.822	-0.011
232.845	-0.011
232.867	-0.011
232.889	-0.011
232.911	-0.011
232.933	-0.011
232.956	-0.011
232.978	-0.011
233.000	-0.011
233.022	-0.011
233.044	-0.011
233.067	-0.011
233.089	-0.011
233.111	-0.011
233.133	-0.011
233.155	-0.011
233.178	-0.011
233.200	-0.011
233.222	-0.011
233.244	-0.011
233.267	-0.011
233.289	-0.011
233.311	-0.011
233.333	-0.011
233.356	-0.011
233.378	-0.011
233.400	-0.011
233.422	-0.011
233.444	-0.011
233.467	-0.011
233.489	-0.011
233.511	-0.011
233.533	-0.011
233.556	-0.011
233.578	-0.011
233.600	-0.011
233.622	-0.011
233.644	-0.011
233.667	-0.011
233.689	-0.011
233.711	-0.011
233.733	-0.011
233.756	-0.011
233.778	-0.011

233.800	-0.011
233.822	-0.011
233.845	-0.011
233.867	-0.011
233.889	-0.011
233.911	-0.011
233.933	-0.011
233.956	-0.011
233.978	-0.011
234.000	-0.011
234.022	-0.011
234.044	-0.011
234.067	-0.011
234.089	-0.011
234.111	-0.011
234.133	-0.011
234.155	-0.011
234.178	-0.011
234.200	-0.011
234.222	-0.011
234.244	-0.011
234.267	-0.011
234.289	-0.011
234.311	-0.011
234.333	-0.011
234.356	-0.011
234.378	-0.011
234.400	-0.011
234.422	-0.011
234.444	-0.011
234.467	-0.011
234.489	-0.011
234.511	-0.011
234.533	-0.011
234.556	-0.011
234.578	-0.011
234.600	-0.011
234.622	-0.011
234.644	-0.011
234.667	-0.011
234.689	-0.011
234.711	-0.011
234.733	-0.011
234.756	-0.011
234.778	-0.011
234.800	-0.011
234.822	-0.011
234.845	-0.011
234.867	-0.011
234.889	-0.011
234.911	-0.011
234.933	-0.011
234.956	-0.011
234.978	-0.011
235.000	-0.011
235.022	-0.011
235.044	-0.011
235.067	-0.011
235.089	-0.011
235.111	-0.011
235.133	-0.011
235.155	-0.011
235.178	-0.011
235.200	-0.011
235.222	-0.011

235.244	-0.011
235.267	-0.011
235.289	-0.011
235.311	-0.011
235.333	-0.011
235.356	-0.011
235.378	-0.011
235.400	-0.011
235.422	-0.011
235.444	-0.011
235.467	-0.011
235.489	-0.011
235.511	-0.011
235.533	-0.011
235.556	-0.011
235.578	-0.011
235.600	-0.011
235.622	-0.011
235.644	-0.011
235.667	-0.011
235.689	-0.011
235.711	-0.011
235.733	-0.011
235.756	-0.011
235.778	-0.011
235.800	-0.011
235.822	-0.011
235.845	-0.011
235.867	-0.011
235.889	-0.011
235.911	-0.011
235.933	-0.011
235.956	-0.011
235.978	-0.011
236.000	-0.011
236.022	-0.011
236.044	-0.011
236.067	-0.011
236.089	-0.011
236.111	-0.011
236.133	-0.011
236.155	-0.011
236.178	-0.011
236.200	-0.011
236.222	-0.011
236.244	-0.011
236.267	-0.011
236.289	-0.011
236.311	-0.011
236.333	-0.011
236.356	-0.011
236.378	-0.011
236.400	-0.011
236.422	-0.011
236.444	-0.011
236.467	-0.011
236.489	-0.011
236.511	-0.011
236.533	-0.011
236.556	-0.011
236.578	-0.011
236.600	-0.011
236.622	-0.011
236.644	-0.011
236.667	-0.011

236.689	-0.011
236.711	-0.011
236.733	-0.011
236.756	-0.011
236.778	-0.011
236.800	-0.011
236.822	-0.011
236.845	-0.011
236.867	-0.011
236.889	-0.011
236.911	-0.011
236.933	-0.011
236.956	-0.011
236.978	-0.011
237.000	-0.011
237.022	-0.011
237.044	-0.011
237.067	-0.011
237.089	-0.011
237.111	-0.011
237.133	-0.011
237.155	-0.011
237.178	-0.011
237.200	-0.011
237.222	-0.011
237.244	-0.011
237.267	-0.011
237.289	-0.011
237.311	-0.011
237.333	-0.011
237.356	-0.011
237.378	-0.011
237.400	-0.011
237.422	-0.011
237.444	-0.011
237.467	-0.011
237.489	-0.011
237.511	-0.011
237.533	-0.011
237.556	-0.011
237.578	-0.011
237.600	-0.011
237.622	-0.011
237.644	-0.011
237.667	-0.011
237.689	-0.011
237.711	-0.011
237.733	-0.011
237.756	-0.011
237.778	-0.011
237.800	-0.011
237.822	-0.011
237.845	-0.011
237.867	-0.011
237.889	-0.011
237.911	-0.011
237.933	-0.011
237.956	-0.011
237.978	-0.011
238.000	-0.011
238.022	-0.011
238.044	-0.011
238.067	-0.011
238.089	-0.011
238.111	-0.011

238.133	-0.011
238.155	-0.011
238.178	-0.011
238.200	-0.011
238.222	-0.011
238.244	-0.011
238.267	-0.011
238.289	-0.011
238.311	-0.011
238.333	-0.011
238.356	-0.011
238.378	-0.011
238.400	-0.011
238.422	-0.011
238.444	-0.011
238.467	-0.011
238.489	-0.011
238.511	-0.011
238.533	-0.011
238.556	-0.011
238.578	-0.011
238.600	-0.011
238.622	-0.011
238.644	-0.011
238.667	-0.011
238.689	-0.011
238.711	-0.011
238.733	-0.011
238.756	-0.011
238.778	-0.011
238.800	-0.011
238.822	-0.011
238.845	-0.011
238.867	-0.011
238.889	-0.011
238.911	-0.011
238.933	-0.011
238.956	-0.011
238.978	-0.011
239.000	-0.011
239.022	-0.011
239.044	-0.011
239.067	-0.011
239.089	-0.011
239.111	-0.011
239.133	-0.011
239.155	-0.011
239.178	-0.011
239.200	-0.011
239.222	-0.011
239.244	-0.011
239.267	-0.011
239.289	-0.011
239.311	-0.011
239.333	-0.011
239.356	-0.011
239.378	-0.011
239.400	-0.011
239.422	-0.011
239.444	-0.011
239.467	-0.011
239.489	-0.011
239.511	-0.011
239.533	-0.011
239.556	-0.011

239.578	-0.011
239.600	-0.011
239.622	-0.011
239.644	-0.011
239.667	-0.011
239.689	-0.011
239.711	-0.011
239.733	-0.011
239.756	-0.011
239.778	-0.011
239.800	-0.011
239.822	-0.011
239.845	-0.011
239.867	-0.011
239.889	-0.011
239.911	-0.011
239.933	-0.011
239.956	-0.011
239.978	-0.011
240.000	-0.011
240.022	-0.011
240.044	-0.011
240.067	-0.011
240.089	-0.011
240.111	-0.011
240.133	-0.011
240.155	-0.011
240.178	-0.011
240.200	-0.011
240.222	-0.011
240.244	-0.011
240.267	-0.011
240.289	-0.011
240.311	-0.010
240.333	-0.010
240.356	-0.010
240.378	-0.010
240.400	-0.010
240.422	-0.010
240.444	-0.010
240.467	-0.010
240.489	-0.010
240.511	-0.010
240.533	-0.010
240.556	-0.010
240.578	-0.010
240.600	-0.010
240.622	-0.010
240.644	-0.010
240.667	-0.010
240.689	-0.010
240.711	-0.010
240.733	-0.010
240.756	-0.010
240.778	-0.010
240.800	-0.010
240.822	-0.010
240.845	-0.010
240.867	-0.010
240.889	-0.010
240.911	-0.010
360.911	-0.003
480.911	-0.002
600.911	-0.001
720.911	-0.001

840.911	-0.000
960.911	-0.000
984.911	0.000

Name: Hyd-10d Node: Node318 Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000

1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
2.422	0.000
2.444	0.000
2.467	0.000
2.489	0.000
2.511	0.000
2.533	0.000
2.556	0.000
2.578	0.000
2.600	0.000
2.622	0.000
2.644	0.000
2.667	0.000

2.689	0.000
2.711	0.000
2.733	0.000
2.756	0.000
2.778	0.000
2.800	0.000
2.822	0.000
2.844	0.000
2.867	0.000
2.889	0.000
2.911	0.000
2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
3.067	0.000
3.089	0.000
3.111	0.000
3.133	0.000
3.156	0.000
3.178	0.000
3.200	0.000
3.222	0.000
3.244	0.000
3.267	0.000
3.289	0.000
3.311	0.000
3.333	0.000
3.356	0.000
3.378	0.000
3.400	0.000
3.422	0.000
3.444	0.000
3.467	0.000
3.489	0.000
3.511	0.000
3.533	0.000
3.556	0.000
3.578	0.000
3.600	0.000
3.622	0.000
3.644	0.000
3.667	0.000
3.689	0.000
3.711	0.000
3.733	0.000
3.756	0.000
3.778	0.000
3.800	0.000
3.822	0.000
3.844	0.000
3.867	0.000
3.889	0.000
3.911	0.000
3.933	0.000
3.956	0.000
3.978	0.000
4.000	0.000
4.022	0.000
4.044	0.000
4.067	0.000
4.089	0.000
4.111	0.000

4.133	0.000
4.156	0.000
4.178	0.000
4.200	0.000
4.222	0.000
4.244	0.000
4.267	0.000
4.289	0.000
4.311	0.000
4.333	0.000
4.356	0.000
4.378	0.000
4.400	0.000
4.422	0.000
4.444	0.000
4.467	0.000
4.489	0.000
4.511	0.000
4.533	0.000
4.556	0.000
4.578	0.000
4.600	0.000
4.622	0.000
4.644	0.000
4.667	0.000
4.689	0.000
4.711	0.000
4.733	0.000
4.756	0.000
4.778	0.000
4.800	0.000
4.822	0.000
4.844	0.000
4.867	0.000
4.889	0.000
4.911	0.000
4.933	0.000
4.956	0.000
4.978	0.000
5.000	0.000
5.022	0.000
5.044	0.000
5.067	0.000
5.089	0.000
5.111	0.000
5.133	0.000
5.156	0.000
5.178	0.000
5.200	0.000
5.222	0.000
5.244	0.000
5.267	0.000
5.289	0.000
5.311	0.000
5.333	0.000
5.356	0.000
5.378	0.000
5.400	0.000
5.422	0.000
5.444	0.000
5.467	0.000
5.489	0.000
5.511	0.000
5.533	0.000
5.556	0.000

5.578	0.000
5.600	0.000
5.622	0.000
5.644	0.000
5.667	0.000
5.689	0.000
5.711	0.000
5.733	0.000
5.756	0.000
5.778	0.000
5.800	0.000
5.822	0.000
5.844	0.000
5.867	0.000
5.889	0.000
5.911	0.000
5.933	0.000
5.956	0.000
5.978	0.000
6.000	0.000
6.022	0.000
6.044	0.000
6.067	0.000
6.089	0.000
6.111	0.000
6.133	0.000
6.156	0.000
6.178	0.000
6.200	0.000
6.222	0.000
6.244	0.000
6.267	0.000
6.289	0.000
6.311	0.000
6.333	0.000
6.356	0.000
6.378	0.000
6.400	0.000
6.422	0.000
6.444	0.000
6.467	0.000
6.489	0.000
6.511	0.000
6.533	0.000
6.556	0.000
6.578	0.000
6.600	0.000
6.622	0.000
6.644	0.000
6.667	0.000
6.689	0.000
6.711	0.000
6.733	0.000
6.756	0.000
6.778	0.000
6.800	0.000
6.822	0.000
6.844	0.000
6.867	0.000
6.889	0.000
6.911	0.000
6.933	0.000
6.956	0.000
6.978	0.000
7.000	0.000

7.022	0.000
7.044	0.000
7.067	0.000
7.089	0.000
7.111	0.000
7.133	0.000
7.156	0.000
7.178	0.000
7.200	0.000
7.222	0.000
7.244	0.000
7.267	0.000
7.289	0.000
7.311	0.000
7.333	0.000
7.356	0.000
7.378	0.000
7.400	0.000
7.422	0.000
7.444	0.000
7.467	0.000
7.489	0.000
7.511	0.000
7.533	0.000
7.556	0.000
7.578	0.000
7.600	0.000
7.622	0.000
7.644	0.000
7.667	0.000
7.689	0.000
7.711	0.000
7.733	-0.000
7.756	-0.000
7.778	-0.000
7.800	-0.000
7.822	-0.000
7.844	-0.000
7.867	-0.000
7.889	-0.000
7.911	-0.000
7.933	-0.000
7.956	-0.000
7.978	-0.000
8.000	-0.000
8.022	-0.000
8.044	-0.000
8.067	-0.000
8.089	-0.000
8.111	-0.000
8.133	-0.000
8.156	-0.000
8.178	-0.000
8.200	-0.000
8.222	-0.000
8.244	-0.000
8.267	-0.000
8.289	-0.000
8.311	-0.000
8.333	-0.000
8.356	-0.000
8.378	-0.000
8.400	-0.000
8.422	-0.000
8.444	-0.000

8.467	-0.000
8.489	-0.000
8.511	-0.000
8.533	-0.000
8.556	-0.000
8.578	-0.000
8.600	-0.000
8.622	-0.000
8.644	-0.000
8.667	-0.000
8.689	-0.000
8.711	-0.000
8.733	-0.000
8.756	-0.000
8.778	-0.000
8.800	-0.000
8.822	-0.000
8.844	-0.000
8.867	-0.000
8.889	-0.000
8.911	-0.000
8.933	-0.000
8.956	-0.000
8.978	-0.000
9.000	-0.000
9.022	-0.000
9.044	-0.000
9.067	-0.000
9.089	-0.000
9.111	-0.000
9.133	-0.000
9.156	-0.000
9.178	-0.000
9.200	-0.000
9.222	-0.001
9.244	-0.001
9.267	-0.001
9.289	-0.001
9.311	-0.001
9.333	-0.001
9.356	-0.001
9.378	-0.001
9.400	-0.001
9.422	-0.001
9.444	-0.001
9.467	-0.001
9.489	-0.001
9.511	-0.001
9.533	-0.001
9.556	-0.001
9.578	-0.001
9.600	-0.001
9.622	-0.001
9.644	-0.001
9.667	-0.001
9.689	-0.001
9.711	-0.001
9.733	-0.001
9.756	-0.001
9.778	-0.001
9.800	-0.001
9.822	-0.001
9.844	-0.001
9.867	-0.001
9.889	-0.001

9.911	-0.001
9.933	-0.001
9.956	-0.001
9.978	-0.001
10.000	-0.001
10.022	-0.001
10.044	-0.001
10.067	-0.001
10.089	-0.001
10.111	-0.001
10.133	-0.001
10.156	-0.001
10.178	-0.001
10.200	-0.001
10.222	-0.001
10.244	-0.001
10.267	-0.001
10.289	-0.001
10.311	-0.001
10.333	-0.001
10.356	-0.001
10.378	-0.001
10.400	-0.001
10.422	-0.001
10.444	-0.001
10.467	-0.001
10.489	-0.001
10.511	-0.001
10.533	-0.001
10.556	-0.001
10.578	-0.001
10.600	-0.001
10.622	-0.001
10.644	-0.001
10.667	-0.001
10.689	-0.001
10.711	-0.001
10.733	-0.001
10.756	-0.001
10.778	-0.001
10.800	-0.001
10.822	-0.001
10.844	-0.001
10.867	-0.001
10.889	-0.001
10.911	-0.001
10.933	-0.001
10.956	-0.001
10.978	-0.001
11.000	-0.001
11.022	-0.001
11.044	-0.001
11.067	-0.001
11.089	-0.001
11.111	-0.001
11.133	-0.001
11.156	-0.001
11.178	-0.001
11.200	-0.001
11.222	-0.001
11.244	-0.001
11.267	-0.001
11.289	-0.001
11.311	-0.001
11.333	-0.001

11.356	-0.001
11.378	-0.001
11.400	-0.001
11.422	-0.001
11.444	-0.001
11.467	-0.001
11.489	-0.001
11.511	-0.001
11.533	-0.001
11.556	-0.001
11.578	-0.001
11.600	-0.001
11.622	-0.001
11.644	-0.001
11.667	-0.001
11.689	-0.001
11.711	-0.001
11.733	-0.001
11.756	-0.001
11.778	-0.001
11.800	-0.001
11.822	-0.001
11.844	-0.001
11.867	-0.001
11.889	-0.001
11.911	-0.001
11.933	-0.001
11.956	-0.001
11.978	-0.001
12.000	-0.001
12.022	-0.001
12.044	-0.001
12.067	-0.001
12.089	-0.001
12.111	-0.001
12.133	-0.001
12.156	-0.001
12.178	-0.001
12.200	-0.001
12.222	-0.001
12.244	-0.001
12.267	-0.001
12.289	-0.001
12.311	-0.001
12.333	-0.001
12.356	-0.001
12.378	-0.002
12.400	-0.002
12.422	-0.002
12.444	-0.002
12.467	-0.002
12.489	-0.002
12.511	-0.002
12.533	-0.002
12.556	-0.002
12.578	-0.002
12.600	-0.002
12.622	-0.002
12.644	-0.002
12.667	-0.002
12.689	-0.002
12.711	-0.002
12.733	-0.002
12.756	-0.002
12.778	-0.002

12.800	-0.002
12.822	-0.002
12.844	-0.002
12.867	-0.002
12.889	-0.002
12.911	-0.002
12.933	-0.002
12.956	-0.002
12.978	-0.002
13.000	-0.002
13.022	-0.002
13.044	-0.002
13.067	-0.002
13.089	-0.002
13.111	-0.002
13.133	-0.002
13.156	-0.002
13.178	-0.002
13.200	-0.002
13.222	-0.002
13.244	-0.002
13.267	-0.002
13.289	-0.002
13.311	-0.002
13.333	-0.002
13.356	-0.002
13.378	-0.002
13.400	-0.002
13.422	-0.002
13.444	-0.002
13.467	-0.002
13.489	-0.002
13.511	-0.002
13.533	-0.002
13.556	-0.002
13.578	-0.002
13.600	-0.002
13.622	-0.002
13.644	-0.002
13.667	-0.002
13.689	-0.002
13.711	-0.002
13.733	-0.002
13.756	-0.002
13.778	-0.002
13.800	-0.002
13.822	-0.002
13.844	-0.002
13.867	-0.002
13.889	-0.002
13.911	-0.002
13.933	-0.002
13.956	-0.002
13.978	-0.002
14.000	-0.002
14.022	-0.002
14.044	-0.002
14.067	-0.002
14.089	-0.002
14.111	-0.002
14.133	-0.002
14.156	-0.002
14.178	-0.002
14.200	-0.002
14.222	-0.002

14.244	-0.002
14.267	-0.002
14.289	-0.002
14.311	-0.002
14.333	-0.002
14.356	-0.002
14.378	-0.002
14.400	-0.002
14.422	-0.002
14.444	-0.002
14.467	-0.002
14.489	-0.002
14.511	-0.002
14.533	-0.002
14.556	-0.002
14.578	-0.002
14.600	-0.002
14.622	-0.002
14.644	-0.002
14.667	-0.002
14.689	-0.002
14.711	-0.002
14.733	-0.002
14.756	-0.002
14.778	-0.002
14.800	-0.002
14.822	-0.002
14.844	-0.002
14.867	-0.002
14.889	-0.002
14.911	-0.002
14.933	-0.002
14.956	-0.002
14.978	-0.002
15.000	-0.002
15.022	-0.002
15.044	-0.002
15.067	-0.002
15.089	-0.002
15.111	-0.002
15.133	-0.002
15.156	-0.002
15.178	-0.002
15.200	-0.002
15.222	-0.002
15.244	-0.002
15.267	-0.002
15.289	-0.002
15.311	-0.002
15.333	-0.002
15.356	-0.002
15.378	-0.002
15.400	-0.002
15.422	-0.002
15.444	-0.002
15.467	-0.002
15.489	-0.002
15.511	-0.002
15.533	-0.002
15.556	-0.002
15.578	-0.002
15.600	-0.002
15.622	-0.002
15.644	-0.002
15.667	-0.002

15.689	-0.002
15.711	-0.002
15.733	-0.002
15.756	-0.002
15.778	-0.002
15.800	-0.002
15.822	-0.002
15.844	-0.002
15.867	-0.002
15.889	-0.002
15.911	-0.002
15.933	-0.002
15.956	-0.002
15.978	-0.002
16.000	-0.002
16.022	-0.002
16.044	-0.002
16.067	-0.002
16.089	-0.002
16.111	-0.002
16.133	-0.002
16.156	-0.002
16.178	-0.002
16.200	-0.002
16.222	-0.002
16.244	-0.002
16.267	-0.002
16.289	-0.002
16.311	-0.002
16.333	-0.002
16.356	-0.002
16.378	-0.002
16.400	-0.002
16.422	-0.002
16.444	-0.002
16.467	-0.002
16.489	-0.002
16.511	-0.002
16.533	-0.002
16.556	-0.002
16.578	-0.002
16.600	-0.002
16.622	-0.002
16.644	-0.002
16.667	-0.002
16.689	-0.002
16.711	-0.002
16.733	-0.002
16.756	-0.002
16.778	-0.002
16.800	-0.002
16.822	-0.002
16.844	-0.002
16.867	-0.002
16.889	-0.002
16.911	-0.002
16.933	-0.002
16.956	-0.002
16.978	-0.002
17.000	-0.002
17.022	-0.002
17.044	-0.002
17.067	-0.002
17.089	-0.002
17.111	-0.002

17.133	-0.002
17.156	-0.002
17.178	-0.002
17.200	-0.002
17.222	-0.002
17.244	-0.002
17.267	-0.002
17.289	-0.002
17.311	-0.002
17.333	-0.002
17.356	-0.002
17.378	-0.002
17.400	-0.002
17.422	-0.002
17.444	-0.002
17.467	-0.003
17.489	-0.003
17.511	-0.003
17.533	-0.003
17.556	-0.003
17.578	-0.003
17.600	-0.003
17.622	-0.003
17.644	-0.003
17.667	-0.003
17.689	-0.003
17.711	-0.003
17.733	-0.003
17.756	-0.003
17.778	-0.003
17.800	-0.003
17.822	-0.003
17.844	-0.003
17.867	-0.003
17.889	-0.003
17.911	-0.003
17.933	-0.003
17.956	-0.003
17.978	-0.003
18.000	-0.003
18.022	-0.003
18.044	-0.003
18.067	-0.003
18.089	-0.003
18.111	-0.003
18.133	-0.003
18.156	-0.003
18.178	-0.003
18.200	-0.003
18.222	-0.003
18.244	-0.003
18.267	-0.003
18.289	-0.003
18.311	-0.003
18.333	-0.003
18.356	-0.003
18.378	-0.003
18.400	-0.003
18.422	-0.003
18.444	-0.003
18.467	-0.003
18.489	-0.003
18.511	-0.003
18.533	-0.003
18.556	-0.003

18.578	-0.003
18.600	-0.003
18.622	-0.003
18.644	-0.003
18.667	-0.003
18.689	-0.003
18.711	-0.003
18.733	-0.003
18.756	-0.003
18.778	-0.003
18.800	-0.003
18.822	-0.003
18.844	-0.003
18.867	-0.003
18.889	-0.003
18.911	-0.003
18.933	-0.003
18.956	-0.003
18.978	-0.003
19.000	-0.003
19.022	-0.003
19.044	-0.003
19.067	-0.003
19.089	-0.003
19.111	-0.003
19.133	-0.003
19.156	-0.003
19.178	-0.003
19.200	-0.003
19.222	-0.003
19.244	-0.003
19.267	-0.003
19.289	-0.003
19.311	-0.003
19.333	-0.003
19.356	-0.003
19.378	-0.003
19.400	-0.003
19.422	-0.003
19.444	-0.003
19.467	-0.003
19.489	-0.003
19.511	-0.003
19.533	-0.003
19.556	-0.003
19.578	-0.003
19.600	-0.003
19.622	-0.003
19.644	-0.003
19.667	-0.003
19.689	-0.003
19.711	-0.003
19.733	-0.003
19.756	-0.003
19.778	-0.003
19.800	-0.003
19.822	-0.003
19.844	-0.003
19.867	-0.003
19.889	-0.003
19.911	-0.003
19.933	-0.003
19.956	-0.003
19.978	-0.003
20.000	-0.003

20.022	-0.003
20.044	-0.003
20.067	-0.003
20.089	-0.003
20.111	-0.003
20.133	-0.003
20.156	-0.003
20.178	-0.003
20.200	-0.003
20.222	-0.003
20.244	-0.003
20.267	-0.003
20.289	-0.003
20.311	-0.003
20.333	-0.003
20.356	-0.003
20.378	-0.003
20.400	-0.003
20.422	-0.003
20.444	-0.003
20.467	-0.003
20.489	-0.003
20.511	-0.003
20.533	-0.003
20.556	-0.003
20.578	-0.003
20.600	-0.003
20.622	-0.003
20.644	-0.003
20.667	-0.003
20.689	-0.003
20.711	-0.003
20.733	-0.003
20.756	-0.003
20.778	-0.003
20.800	-0.003
20.822	-0.003
20.844	-0.003
20.867	-0.003
20.889	-0.003
20.911	-0.003
20.933	-0.003
20.956	-0.003
20.978	-0.003
21.000	-0.003
21.022	-0.003
21.044	-0.003
21.067	-0.003
21.089	-0.003
21.111	-0.003
21.133	-0.003
21.156	-0.003
21.178	-0.003
21.200	-0.003
21.222	-0.003
21.244	-0.003
21.267	-0.003
21.289	-0.003
21.311	-0.003
21.333	-0.003
21.356	-0.003
21.378	-0.003
21.400	-0.003
21.422	-0.003
21.444	-0.003

21.467	-0.003
21.489	-0.003
21.511	-0.003
21.533	-0.003
21.556	-0.003
21.578	-0.003
21.600	-0.003
21.622	-0.003
21.644	-0.003
21.667	-0.003
21.689	-0.003
21.711	-0.003
21.733	-0.003
21.756	-0.003
21.778	-0.003
21.800	-0.003
21.822	-0.003
21.844	-0.003
21.867	-0.003
21.889	-0.003
21.911	-0.003
21.933	-0.003
21.956	-0.003
21.978	-0.003
22.000	-0.003
22.022	-0.003
22.044	-0.003
22.067	-0.003
22.089	-0.003
22.111	-0.003
22.133	-0.003
22.156	-0.003
22.178	-0.003
22.200	-0.003
22.222	-0.003
22.244	-0.003
22.267	-0.003
22.289	-0.003
22.311	-0.003
22.333	-0.003
22.356	-0.003
22.378	-0.003
22.400	-0.003
22.422	-0.003
22.444	-0.003
22.467	-0.003
22.489	-0.003
22.511	-0.003
22.533	-0.003
22.556	-0.003
22.578	-0.003
22.600	-0.003
22.622	-0.003
22.644	-0.003
22.667	-0.003
22.689	-0.003
22.711	-0.003
22.733	-0.003
22.756	-0.003
22.778	-0.003
22.800	-0.003
22.822	-0.003
22.844	-0.003
22.867	-0.003
22.889	-0.003

22.911	-0.003
22.933	-0.003
22.956	-0.003
22.978	-0.003
23.000	-0.003
23.022	-0.003
23.044	-0.003
23.067	-0.003
23.089	-0.003
23.111	-0.003
23.133	-0.003
23.156	-0.003
23.178	-0.003
23.200	-0.003
23.222	-0.003
23.244	-0.003
23.267	-0.003
23.289	-0.003
23.311	-0.003
23.333	-0.003
23.356	-0.003
23.378	-0.003
23.400	-0.003
23.422	-0.003
23.444	-0.003
23.467	-0.003
23.489	-0.003
23.511	-0.003
23.533	-0.003
23.556	-0.003
23.578	-0.003
23.600	-0.003
23.622	-0.003
23.644	-0.003
23.667	-0.003
23.689	-0.003
23.711	-0.003
23.733	-0.003
23.756	-0.003
23.778	-0.003
23.800	-0.003
23.822	-0.003
23.844	-0.003
23.867	-0.003
23.889	-0.003
23.911	-0.003
23.933	-0.003
23.956	-0.003
23.978	-0.003
24.000	-0.003
24.022	-0.004
24.044	-0.004
24.067	-0.004
24.089	-0.005
24.111	-0.006
24.133	-0.006
24.156	-0.007
24.178	-0.007
24.200	-0.008
24.222	-0.008
24.244	-0.009
24.267	-0.009
24.289	-0.009
24.311	-0.009
24.333	-0.009

24.356	-0.010
24.378	-0.010
24.400	-0.010
24.422	-0.010
24.444	-0.010
24.467	-0.010
24.489	-0.010
24.511	-0.011
24.533	-0.011
24.556	-0.011
24.578	-0.011
24.600	-0.011
24.622	-0.011
24.644	-0.011
24.667	-0.011
24.689	-0.011
24.711	-0.011
24.733	-0.011
24.756	-0.011
24.778	-0.011
24.800	-0.011
24.822	-0.011
24.844	-0.011
24.867	-0.011
24.889	-0.011
24.911	-0.011
24.933	-0.011
24.956	-0.011
24.978	-0.011
25.000	-0.011
25.022	-0.011
25.044	-0.011
25.067	-0.012
25.089	-0.012
25.111	-0.012
25.133	-0.012
25.156	-0.012
25.178	-0.012
25.200	-0.012
25.222	-0.012
25.244	-0.012
25.267	-0.012
25.289	-0.012
25.311	-0.012
25.333	-0.012
25.356	-0.012
25.378	-0.012
25.400	-0.012
25.422	-0.012
25.444	-0.012
25.467	-0.012
25.489	-0.012
25.511	-0.012
25.533	-0.012
25.556	-0.012
25.578	-0.012
25.600	-0.012
25.622	-0.012
25.644	-0.012
25.667	-0.012
25.689	-0.012
25.711	-0.012
25.733	-0.012
25.756	-0.012
25.778	-0.012

25.800	-0.012
25.822	-0.012
25.844	-0.012
25.867	-0.012
25.889	-0.012
25.911	-0.012
25.933	-0.012
25.956	-0.012
25.978	-0.012
26.000	-0.012
26.022	-0.012
26.044	-0.012
26.067	-0.012
26.089	-0.012
26.111	-0.012
26.133	-0.012
26.156	-0.012
26.178	-0.012
26.200	-0.012
26.222	-0.013
26.244	-0.013
26.267	-0.013
26.289	-0.013
26.311	-0.013
26.333	-0.013
26.356	-0.013
26.378	-0.013
26.400	-0.013
26.422	-0.013
26.444	-0.013
26.467	-0.013
26.489	-0.013
26.511	-0.013
26.533	-0.013
26.556	-0.013
26.578	-0.013
26.600	-0.013
26.622	-0.013
26.644	-0.013
26.667	-0.013
26.689	-0.013
26.711	-0.013
26.733	-0.013
26.756	-0.013
26.778	-0.013
26.800	-0.013
26.822	-0.013
26.844	-0.013
26.867	-0.013
26.889	-0.013
26.911	-0.013
26.933	-0.013
26.956	-0.013
26.978	-0.013
27.000	-0.013
27.022	-0.013
27.044	-0.013
27.067	-0.013
27.089	-0.013
27.111	-0.013
27.133	-0.013
27.156	-0.013
27.178	-0.013
27.200	-0.013
27.222	-0.013

27.244	-0.013
27.267	-0.013
27.289	-0.013
27.311	-0.013
27.333	-0.013
27.356	-0.013
27.378	-0.013
27.400	-0.013
27.422	-0.013
27.444	-0.013
27.467	-0.013
27.489	-0.013
27.511	-0.013
27.533	-0.013
27.556	-0.013
27.578	-0.013
27.600	-0.014
27.622	-0.014
27.644	-0.014
27.667	-0.014
27.689	-0.014
27.711	-0.014
27.733	-0.014
27.756	-0.014
27.778	-0.014
27.800	-0.014
27.822	-0.014
27.844	-0.014
27.867	-0.014
27.889	-0.014
27.911	-0.014
27.933	-0.014
27.956	-0.014
27.978	-0.014
28.000	-0.014
28.022	-0.014
28.044	-0.014
28.067	-0.014
28.089	-0.014
28.111	-0.014
28.133	-0.014
28.156	-0.014
28.178	-0.014
28.200	-0.014
28.222	-0.014
28.244	-0.014
28.267	-0.014
28.289	-0.014
28.311	-0.014
28.333	-0.014
28.356	-0.014
28.378	-0.014
28.400	-0.014
28.422	-0.014
28.444	-0.014
28.467	-0.014
28.489	-0.014
28.511	-0.014
28.533	-0.014
28.556	-0.014
28.578	-0.014
28.600	-0.014
28.622	-0.014
28.644	-0.014
28.667	-0.014

28.689	-0.014
28.711	-0.014
28.733	-0.014
28.756	-0.014
28.778	-0.014
28.800	-0.014
28.822	-0.014
28.844	-0.014
28.867	-0.014
28.889	-0.014
28.911	-0.014
28.933	-0.014
28.956	-0.014
28.978	-0.014
29.000	-0.014
29.022	-0.014
29.044	-0.014
29.067	-0.014
29.089	-0.014
29.111	-0.014
29.133	-0.014
29.156	-0.014
29.178	-0.014
29.200	-0.014
29.222	-0.014
29.244	-0.014
29.267	-0.014
29.289	-0.014
29.311	-0.015
29.333	-0.015
29.356	-0.015
29.378	-0.015
29.400	-0.015
29.422	-0.015
29.444	-0.015
29.467	-0.015
29.489	-0.015
29.511	-0.015
29.533	-0.015
29.556	-0.015
29.578	-0.015
29.600	-0.015
29.622	-0.015
29.644	-0.015
29.667	-0.015
29.689	-0.015
29.711	-0.015
29.733	-0.015
29.756	-0.015
29.778	-0.015
29.800	-0.015
29.822	-0.015
29.844	-0.015
29.867	-0.015
29.889	-0.015
29.911	-0.015
29.933	-0.015
29.956	-0.015
29.978	-0.015
30.000	-0.015
30.022	-0.015
30.044	-0.015
30.067	-0.015
30.089	-0.015
30.111	-0.015

30.133	-0.015
30.156	-0.015
30.178	-0.015
30.200	-0.015
30.222	-0.015
30.244	-0.015
30.267	-0.015
30.289	-0.015
30.311	-0.015
30.333	-0.015
30.356	-0.015
30.378	-0.015
30.400	-0.015
30.422	-0.015
30.444	-0.015
30.467	-0.015
30.489	-0.015
30.511	-0.015
30.533	-0.015
30.556	-0.015
30.578	-0.015
30.600	-0.015
30.622	-0.015
30.644	-0.015
30.667	-0.015
30.689	-0.015
30.711	-0.015
30.733	-0.015
30.756	-0.015
30.778	-0.015
30.800	-0.015
30.822	-0.015
30.844	-0.015
30.867	-0.015
30.889	-0.015
30.911	-0.015
30.933	-0.015
30.956	-0.015
30.978	-0.015
31.000	-0.015
31.022	-0.015
31.044	-0.015
31.067	-0.015
31.089	-0.015
31.111	-0.015
31.133	-0.015
31.156	-0.015
31.178	-0.015
31.200	-0.015
31.222	-0.015
31.244	-0.015
31.267	-0.015
31.289	-0.015
31.311	-0.015
31.333	-0.015
31.356	-0.015
31.378	-0.015
31.400	-0.015
31.422	-0.015
31.444	-0.015
31.467	-0.015
31.489	-0.016
31.511	-0.016
31.533	-0.016
31.556	-0.016

31.578	-0.016
31.600	-0.016
31.622	-0.016
31.644	-0.016
31.667	-0.016
31.689	-0.016
31.711	-0.016
31.733	-0.016
31.756	-0.016
31.778	-0.016
31.800	-0.016
31.822	-0.016
31.844	-0.016
31.867	-0.016
31.889	-0.016
31.911	-0.016
31.933	-0.016
31.956	-0.016
31.978	-0.016
32.000	-0.016
32.022	-0.017
32.044	-0.018
32.067	-0.019
32.089	-0.019
32.111	-0.019
32.133	-0.020
32.156	-0.020
32.178	-0.021
32.200	-0.022
32.222	-0.022
32.244	-0.023
32.267	-0.024
32.289	-0.024
32.311	-0.025
32.333	-0.026
32.356	-0.026
32.378	-0.027
32.400	-0.028
32.422	-0.028
32.444	-0.029
32.467	-0.029
32.489	-0.030
32.511	-0.031
32.533	-0.031
32.556	-0.032
32.578	-0.032
32.600	-0.033
32.622	-0.033
32.644	-0.034
32.667	-0.034
32.689	-0.035
32.711	-0.035
32.733	-0.036
32.756	-0.036
32.778	-0.037
32.800	-0.037
32.822	-0.037
32.844	-0.038
32.867	-0.038
32.889	-0.039
32.911	-0.039
32.933	-0.039
32.956	-0.040
32.978	-0.040
33.000	-0.040

33.022	-0.041
33.044	-0.041
33.067	-0.041
33.089	-0.042
33.111	-0.042
33.133	-0.042
33.156	-0.043
33.178	-0.043
33.200	-0.043
33.222	-0.044
33.244	-0.044
33.267	-0.044
33.289	-0.044
33.311	-0.045
33.333	-0.045
33.356	-0.058
33.378	-0.051
33.400	-0.033
33.422	-0.033
33.444	-0.033
33.467	-0.033
33.489	-0.032
33.511	-0.032
33.533	-0.032
33.556	-0.032
33.578	-0.032
33.600	-0.032
33.622	-0.032
33.644	-0.032
33.667	-0.032
33.689	-0.031
33.711	-0.031
33.733	-0.031
33.756	-0.031
33.778	-0.031
33.800	-0.031
33.822	-0.031
33.844	-0.030
33.867	-0.030
33.889	-0.030
33.911	-0.030
33.933	-0.030
33.956	-0.030
33.978	-0.030
34.000	-0.029
34.022	-0.029
34.044	-0.029
34.067	-0.029
34.089	-0.029
34.111	-0.029
34.133	-0.028
34.156	-0.028
34.178	-0.028
34.200	-0.028
34.222	-0.028
34.244	-0.028
34.267	-0.027
34.289	-0.027
34.311	-0.027
34.333	-0.027
34.356	-0.027
34.378	-0.027
34.400	-0.027
34.422	-0.026
34.444	-0.026

34.467	-0.026
34.489	-0.026
34.511	-0.026
34.533	-0.026
34.556	-0.026
34.578	-0.026
34.600	-0.025
34.622	-0.025
34.644	-0.025
34.667	-0.025
34.689	-0.025
34.711	-0.025
34.733	-0.025
34.756	-0.025
34.778	-0.025
34.800	-0.025
34.822	-0.024
34.844	-0.024
34.867	-0.024
34.889	-0.024
34.911	-0.024
34.933	-0.024
34.956	-0.024
34.978	-0.024
35.000	-0.024
35.022	-0.024
35.044	-0.024
35.067	-0.024
35.089	-0.023
35.111	-0.023
35.133	-0.023
35.156	-0.023
35.178	-0.023
35.200	-0.023
35.222	-0.023
35.244	-0.023
35.267	-0.023
35.289	-0.023
35.311	-0.023
35.333	-0.023
35.356	-0.023
35.378	-0.023
35.400	-0.023
35.422	-0.023
35.444	-0.023
35.467	-0.023
35.489	-0.022
35.511	-0.022
35.533	-0.022
35.556	-0.022
35.578	-0.022
35.600	-0.022
35.622	-0.022
35.644	-0.022
35.667	-0.022
35.689	-0.022
35.711	-0.022
35.733	-0.022
35.756	-0.022
35.778	-0.022
35.800	-0.022
35.822	-0.022
35.844	-0.022
35.867	-0.022
35.889	-0.022

35.911	-0.022
35.933	-0.022
35.956	-0.022
35.978	-0.022
36.000	-0.022
36.022	-0.022
36.044	-0.022
36.067	-0.022
36.089	-0.022
36.111	-0.022
36.133	-0.022
36.156	-0.022
36.178	-0.022
36.200	-0.022
36.222	-0.022
36.244	-0.021
36.267	-0.021
36.289	-0.021
36.311	-0.021
36.333	-0.021
36.356	-0.021
36.378	-0.021
36.400	-0.021
36.422	-0.021
36.444	-0.021
36.467	-0.021
36.489	-0.021
36.511	-0.021
36.533	-0.021
36.556	-0.021
36.578	-0.021
36.600	-0.021
36.622	-0.021
36.644	-0.021
36.667	-0.021
36.689	-0.021
36.711	-0.021
36.733	-0.021
36.756	-0.021
36.778	-0.021
36.800	-0.021
36.822	-0.021
36.844	-0.021
36.867	-0.021
36.889	-0.021
36.911	-0.021
36.933	-0.021
36.956	-0.021
36.978	-0.021
37.000	-0.021
37.022	-0.021
37.044	-0.021
37.067	-0.021
37.089	-0.021
37.111	-0.021
37.133	-0.021
37.156	-0.021
37.178	-0.021
37.200	-0.021
37.222	-0.021
37.244	-0.021
37.267	-0.021
37.289	-0.021
37.311	-0.021
37.333	-0.021

37.356	-0.021
37.378	-0.021
37.400	-0.021
37.422	-0.021
37.444	-0.021
37.467	-0.021
37.489	-0.021
37.511	-0.021
37.533	-0.021
37.556	-0.021
37.578	-0.021
37.600	-0.021
37.622	-0.021
37.644	-0.021
37.667	-0.021
37.689	-0.021
37.711	-0.021
37.733	-0.021
37.756	-0.021
37.778	-0.021
37.800	-0.021
37.822	-0.021
37.844	-0.021
37.867	-0.021
37.889	-0.021
37.911	-0.021
37.933	-0.021
37.956	-0.021
37.978	-0.021
38.000	-0.021
38.022	-0.021
38.044	-0.021
38.067	-0.021
38.089	-0.021
38.111	-0.021
38.133	-0.021
38.156	-0.021
38.178	-0.021
38.200	-0.021
38.222	-0.021
38.244	-0.021
38.267	-0.021
38.289	-0.021
38.311	-0.021
38.333	-0.021
38.356	-0.021
38.378	-0.021
38.400	-0.021
38.422	-0.021
38.444	-0.021
38.467	-0.021
38.489	-0.021
38.511	-0.021
38.533	-0.021
38.556	-0.021
38.578	-0.021
38.600	-0.021
38.622	-0.021
38.644	-0.021
38.667	-0.021
38.689	-0.021
38.711	-0.021
38.733	-0.021
38.756	-0.021
38.778	-0.021

38.800	-0.021
38.822	-0.021
38.844	-0.021
38.867	-0.021
38.889	-0.021
38.911	-0.021
38.933	-0.021
38.956	-0.021
38.978	-0.021
39.000	-0.021
39.022	-0.021
39.044	-0.021
39.067	-0.021
39.089	-0.021
39.111	-0.021
39.133	-0.021
39.156	-0.021
39.178	-0.021
39.200	-0.021
39.222	-0.021
39.244	-0.021
39.267	-0.021
39.289	-0.021
39.311	-0.021
39.333	-0.021
39.356	-0.021
39.378	-0.021
39.400	-0.021
39.422	-0.021
39.444	-0.021
39.467	-0.021
39.489	-0.021
39.511	-0.021
39.533	-0.021
39.556	-0.021
39.578	-0.021
39.600	-0.021
39.622	-0.021
39.644	-0.021
39.667	-0.021
39.689	-0.021
39.711	-0.021
39.733	-0.021
39.756	-0.021
39.778	-0.021
39.800	-0.021
39.822	-0.021
39.844	-0.021
39.867	-0.021
39.889	-0.021
39.911	-0.021
39.933	-0.021
39.956	-0.021
39.978	-0.021
40.000	-0.021
40.022	-0.021
40.044	-0.021
40.067	-0.021
40.089	-0.021
40.111	-0.021
40.133	-0.020
40.156	-0.020
40.178	-0.020
40.200	-0.020
40.222	-0.020

40.244	-0.020
40.267	-0.020
40.289	-0.020
40.311	-0.020
40.333	-0.020
40.356	-0.020
40.378	-0.020
40.400	-0.019
40.422	-0.019
40.444	-0.019
40.467	-0.019
40.489	-0.019
40.511	-0.019
40.533	-0.019
40.556	-0.019
40.578	-0.019
40.600	-0.019
40.622	-0.019
40.644	-0.018
40.667	-0.018
40.689	-0.018
40.711	-0.018
40.733	-0.018
40.756	-0.018
40.778	-0.018
40.800	-0.018
40.822	-0.018
40.844	-0.018
40.867	-0.018
40.889	-0.018
40.911	-0.018
40.933	-0.018
40.956	-0.018
40.978	-0.017
41.000	-0.017
41.022	-0.017
41.044	-0.017
41.067	-0.017
41.089	-0.017
41.111	-0.017
41.133	-0.017
41.156	-0.017
41.178	-0.017
41.200	-0.017
41.222	-0.017
41.244	-0.017
41.267	-0.017
41.289	-0.017
41.311	-0.017
41.333	-0.017
41.356	-0.017
41.378	-0.017
41.400	-0.016
41.422	-0.016
41.444	-0.016
41.467	-0.016
41.489	-0.016
41.511	-0.016
41.533	-0.016
41.556	-0.016
41.578	-0.016
41.600	-0.016
41.622	-0.016
41.644	-0.016
41.667	-0.016

41.689	-0.016
41.711	-0.016
41.733	-0.016
41.756	-0.016
41.778	-0.016
41.800	-0.016
41.822	-0.016
41.844	-0.016
41.867	-0.016
41.889	-0.016
41.911	-0.016
41.933	-0.016
41.956	-0.016
41.978	-0.016
42.000	-0.016
42.022	-0.015
42.044	-0.015
42.067	-0.015
42.089	-0.015
42.111	-0.015
42.133	-0.015
42.156	-0.015
42.178	-0.015
42.200	-0.015
42.222	-0.015
42.244	-0.015
42.267	-0.015
42.289	-0.015
42.311	-0.015
42.333	-0.015
42.356	-0.015
42.378	-0.015
42.400	-0.015
42.422	-0.015
42.444	-0.015
42.467	-0.015
42.489	-0.015
42.511	-0.015
42.533	-0.015
42.556	-0.015
42.578	-0.015
42.600	-0.015
42.622	-0.015
42.644	-0.015
42.667	-0.015
42.689	-0.015
42.711	-0.015
42.733	-0.015
42.756	-0.015
42.778	-0.015
42.800	-0.015
42.822	-0.015
42.844	-0.015
42.867	-0.015
42.889	-0.014
42.911	-0.014
42.933	-0.014
42.956	-0.014
42.978	-0.014
43.000	-0.014
43.022	-0.014
43.044	-0.014
43.067	-0.014
43.089	-0.014
43.111	-0.014

43.133	-0.014
43.156	-0.014
43.178	-0.014
43.200	-0.014
43.222	-0.014
43.244	-0.014
43.267	-0.014
43.289	-0.014
43.311	-0.014
43.333	-0.014
43.356	-0.014
43.378	-0.014
43.400	-0.014
43.422	-0.014
43.444	-0.014
43.467	-0.014
43.489	-0.014
43.511	-0.014
43.533	-0.014
43.556	-0.014
43.578	-0.014
43.600	-0.014
43.622	-0.014
43.644	-0.014
43.667	-0.014
43.689	-0.014
43.711	-0.014
43.733	-0.014
43.756	-0.014
43.778	-0.014
43.800	-0.014
43.822	-0.014
43.844	-0.014
43.867	-0.014
43.889	-0.014
43.911	-0.014
43.933	-0.014
43.956	-0.014
43.978	-0.014
44.000	-0.014
44.022	-0.014
44.044	-0.014
44.067	-0.014
44.089	-0.013
44.111	-0.013
44.133	-0.013
44.156	-0.013
44.178	-0.013
44.200	-0.013
44.222	-0.013
44.244	-0.013
44.267	-0.013
44.289	-0.013
44.311	-0.013
44.333	-0.013
44.356	-0.013
44.378	-0.013
44.400	-0.013
44.422	-0.013
44.444	-0.013
44.467	-0.013
44.489	-0.013
44.511	-0.013
44.533	-0.013
44.556	-0.013

44.578	-0.013
44.600	-0.013
44.622	-0.013
44.644	-0.013
44.667	-0.013
44.689	-0.013
44.711	-0.013
44.733	-0.013
44.756	-0.013
44.778	-0.013
44.800	-0.013
44.822	-0.013
44.844	-0.013
44.867	-0.013
44.889	-0.013
44.911	-0.013
44.933	-0.013
44.956	-0.013
44.978	-0.013
45.000	-0.013
45.022	-0.013
45.044	-0.013
45.067	-0.013
45.089	-0.013
45.111	-0.013
45.133	-0.013
45.156	-0.013
45.178	-0.013
45.200	-0.013
45.222	-0.013
45.244	-0.013
45.267	-0.013
45.289	-0.013
45.311	-0.013
45.333	-0.013
45.356	-0.013
45.378	-0.013
45.400	-0.013
45.422	-0.013
45.444	-0.013
45.467	-0.013
45.489	-0.013
45.511	-0.013
45.533	-0.013
45.556	-0.013
45.578	-0.013
45.600	-0.013
45.622	-0.013
45.644	-0.013
45.667	-0.013
45.689	-0.013
45.711	-0.013
45.733	-0.013
45.756	-0.013
45.778	-0.013
45.800	-0.013
45.822	-0.012
45.844	-0.012
45.867	-0.012
45.889	-0.012
45.911	-0.012
45.933	-0.012
45.956	-0.012
45.978	-0.012
46.000	-0.012

46.022	-0.012
46.044	-0.012
46.067	-0.012
46.089	-0.012
46.111	-0.012
46.133	-0.012
46.156	-0.012
46.178	-0.012
46.200	-0.012
46.222	-0.012
46.244	-0.012
46.267	-0.012
46.289	-0.012
46.311	-0.012
46.333	-0.012
46.356	-0.012
46.378	-0.012
46.400	-0.012
46.422	-0.012
46.444	-0.012
46.467	-0.012
46.489	-0.012
46.511	-0.012
46.533	-0.012
46.556	-0.012
46.578	-0.012
46.600	-0.012
46.622	-0.012
46.644	-0.012
46.667	-0.012
46.689	-0.012
46.711	-0.012
46.733	-0.012
46.756	-0.012
46.778	-0.012
46.800	-0.012
46.822	-0.012
46.844	-0.012
46.867	-0.012
46.889	-0.012
46.911	-0.012
46.933	-0.012
46.956	-0.012
46.978	-0.012
47.000	-0.012
47.022	-0.012
47.044	-0.012
47.067	-0.012
47.089	-0.012
47.111	-0.012
47.133	-0.012
47.156	-0.012
47.178	-0.012
47.200	-0.012
47.222	-0.012
47.244	-0.012
47.267	-0.012
47.289	-0.012
47.311	-0.012
47.333	-0.012
47.356	-0.012
47.378	-0.012
47.400	-0.012
47.422	-0.012
47.444	-0.012

47.467	-0.012
47.489	-0.012
47.511	-0.012
47.533	-0.012
47.556	-0.012
47.578	-0.012
47.600	-0.012
47.622	-0.012
47.644	-0.012
47.667	-0.012
47.689	-0.012
47.711	-0.012
47.733	-0.012
47.756	-0.012
47.778	-0.012
47.800	-0.012
47.822	-0.012
47.844	-0.012
47.867	-0.012
47.889	-0.012
47.911	-0.012
47.933	-0.012
47.956	-0.012
47.978	-0.012
48.000	-0.012
48.022	-0.012
48.044	-0.012
48.067	-0.012
48.089	-0.012
48.111	-0.012
48.133	-0.012
48.156	-0.012
48.178	-0.012
48.200	-0.012
48.222	-0.012
48.244	-0.012
48.267	-0.012
48.289	-0.012
48.311	-0.012
48.333	-0.012
48.356	-0.011
48.378	-0.011
48.400	-0.011
48.422	-0.011
48.444	-0.011
48.467	-0.011
48.489	-0.011
48.511	-0.011
48.533	-0.011
48.556	-0.011
48.578	-0.011
48.600	-0.011
48.622	-0.011
48.644	-0.011
48.667	-0.011
48.689	-0.011
48.711	-0.011
48.733	-0.011
48.756	-0.011
48.778	-0.011
48.800	-0.011
48.822	-0.011
48.844	-0.011
48.867	-0.011
48.889	-0.011

48.911	-0.011
48.933	-0.011
48.956	-0.011
48.978	-0.011
49.000	-0.011
49.022	-0.011
49.044	-0.011
49.067	-0.011
49.089	-0.011
49.111	-0.011
49.133	-0.011
49.156	-0.011
49.178	-0.011
49.200	-0.011
49.222	-0.011
49.244	-0.011
49.267	-0.011
49.289	-0.011
49.311	-0.011
49.333	-0.011
49.356	-0.011
49.378	-0.011
49.400	-0.011
49.422	-0.011
49.444	-0.011
49.467	-0.011
49.489	-0.011
49.511	-0.011
49.533	-0.011
49.556	-0.011
49.578	-0.011
49.600	-0.011
49.622	-0.011
49.644	-0.011
49.667	-0.011
49.689	-0.011
49.711	-0.011
49.733	-0.011
49.756	-0.011
49.778	-0.011
49.800	-0.011
49.822	-0.011
49.844	-0.011
49.867	-0.011
49.889	-0.011
49.911	-0.011
49.933	-0.011
49.956	-0.011
49.978	-0.011
50.000	-0.011
50.022	-0.011
50.044	-0.011
50.067	-0.011
50.089	-0.011
50.111	-0.011
50.133	-0.011
50.156	-0.011
50.178	-0.011
50.200	-0.011
50.222	-0.011
50.244	-0.011
50.267	-0.011
50.289	-0.011
50.311	-0.011
50.333	-0.011

50.356	-0.011
50.378	-0.011
50.400	-0.011
50.422	-0.011
50.444	-0.011
50.467	-0.011
50.489	-0.011
50.511	-0.011
50.533	-0.011
50.556	-0.011
50.578	-0.011
50.600	-0.011
50.622	-0.011
50.644	-0.011
50.667	-0.011
50.689	-0.011
50.711	-0.011
50.733	-0.011
50.756	-0.011
50.778	-0.011
50.800	-0.011
50.822	-0.011
50.844	-0.011
50.867	-0.011
50.889	-0.011
50.911	-0.011
50.933	-0.011
50.956	-0.011
50.978	-0.011
51.000	-0.011
51.022	-0.011
51.044	-0.011
51.067	-0.011
51.089	-0.011
51.111	-0.011
51.133	-0.011
51.156	-0.011
51.178	-0.011
51.200	-0.011
51.222	-0.011
51.244	-0.011
51.267	-0.011
51.289	-0.011
51.311	-0.011
51.333	-0.011
51.356	-0.011
51.378	-0.011
51.400	-0.011
51.422	-0.011
51.444	-0.011
51.467	-0.011
51.489	-0.011
51.511	-0.011
51.533	-0.011
51.556	-0.011
51.578	-0.011
51.600	-0.010
51.622	-0.010
51.644	-0.010
51.667	-0.010
51.689	-0.010
51.711	-0.010
51.733	-0.010
51.756	-0.010
51.778	-0.010

51.800	-0.010
51.822	-0.010
51.844	-0.010
51.867	-0.010
51.889	-0.010
51.911	-0.010
51.933	-0.010
51.956	-0.010
51.978	-0.010
52.000	-0.010
52.022	-0.010
52.044	-0.010
52.067	-0.010
52.089	-0.010
52.111	-0.010
52.133	-0.010
52.156	-0.010
52.178	-0.010
52.200	-0.010
52.222	-0.010
52.244	-0.010
52.267	-0.010
52.289	-0.010
52.311	-0.010
52.333	-0.010
52.356	-0.010
52.378	-0.010
52.400	-0.010
52.422	-0.010
52.444	-0.010
52.467	-0.010
52.489	-0.010
52.511	-0.010
52.533	-0.010
52.556	-0.010
52.578	-0.010
52.600	-0.010
52.622	-0.010
52.644	-0.010
52.667	-0.010
52.689	-0.010
52.711	-0.010
52.733	-0.010
52.756	-0.010
52.778	-0.010
52.800	-0.010
52.822	-0.010
52.844	-0.010
52.867	-0.010
52.889	-0.010
52.911	-0.010
52.933	-0.010
52.956	-0.010
52.978	-0.010
53.000	-0.010
53.022	-0.010
53.044	-0.010
53.067	-0.010
53.089	-0.010
53.111	-0.010
53.133	-0.010
53.156	-0.010
53.178	-0.010
53.200	-0.010
53.222	-0.010

53.244	-0.010
53.267	-0.010
53.289	-0.010
53.311	-0.010
53.333	-0.010
53.356	-0.010
53.378	-0.010
53.400	-0.010
53.422	-0.010
53.444	-0.010
53.467	-0.010
53.489	-0.010
53.511	-0.010
53.533	-0.010
53.556	-0.010
53.578	-0.010
53.600	-0.010
53.622	-0.010
53.644	-0.010
53.667	-0.010
53.689	-0.010
53.711	-0.010
53.733	-0.010
53.756	-0.010
53.778	-0.010
53.800	-0.010
53.822	-0.010
53.844	-0.010
53.867	-0.010
53.889	-0.010
53.911	-0.010
53.933	-0.010
53.956	-0.010
53.978	-0.010
54.000	-0.010
54.022	-0.010
54.044	-0.010
54.067	-0.010
54.089	-0.010
54.111	-0.010
54.133	-0.010
54.156	-0.010
54.178	-0.010
54.200	-0.010
54.222	-0.010
54.244	-0.010
54.267	-0.010
54.289	-0.010
54.311	-0.010
54.333	-0.010
54.356	-0.010
54.378	-0.010
54.400	-0.010
54.422	-0.010
54.444	-0.010
54.467	-0.010
54.489	-0.010
54.511	-0.010
54.533	-0.010
54.556	-0.010
54.578	-0.010
54.600	-0.010
54.622	-0.010
54.644	-0.010
54.667	-0.010

54.689	-0.010
54.711	-0.010
54.733	-0.010
54.756	-0.010
54.778	-0.010
54.800	-0.010
54.822	-0.010
54.844	-0.010
54.867	-0.010
54.889	-0.010
54.911	-0.010
54.933	-0.010
54.956	-0.010
54.978	-0.010
55.000	-0.010
55.022	-0.010
55.044	-0.010
55.067	-0.010
55.089	-0.010
55.111	-0.010
55.133	-0.010
55.156	-0.010
55.178	-0.010
55.200	-0.010
55.222	-0.010
55.244	-0.010
55.267	-0.010
55.289	-0.010
55.311	-0.010
55.333	-0.010
55.356	-0.010
55.378	-0.010
55.400	-0.010
55.422	-0.010
55.444	-0.010
55.467	-0.010
55.489	-0.010
55.511	-0.010
55.533	-0.010
55.556	-0.010
55.578	-0.010
55.600	-0.010
55.622	-0.010
55.644	-0.010
55.667	-0.010
55.689	-0.010
55.711	-0.010
55.733	-0.010
55.756	-0.010
55.778	-0.010
55.800	-0.010
55.822	-0.010
55.844	-0.010
55.867	-0.010
55.889	-0.010
55.911	-0.010
55.933	-0.010
55.956	-0.010
55.978	-0.010
56.000	-0.010
56.022	-0.010
56.044	-0.010
56.067	-0.010
56.089	-0.010
56.111	-0.010

56.133	-0.010
56.156	-0.010
56.178	-0.010
56.200	-0.010
56.222	-0.010
56.244	-0.010
56.267	-0.010
56.289	-0.010
56.311	-0.010
56.333	-0.010
56.356	-0.010
56.378	-0.010
56.400	-0.010
56.422	-0.010
56.444	-0.010
56.467	-0.010
56.489	-0.010
56.511	-0.010
56.533	-0.010
56.556	-0.010
56.578	-0.010
56.600	-0.010
56.622	-0.010
56.644	-0.010
56.667	-0.010
56.689	-0.010
56.711	-0.010
56.733	-0.010
56.756	-0.010
56.778	-0.010
56.800	-0.010
56.822	-0.010
56.844	-0.010
56.867	-0.010
56.889	-0.010
56.911	-0.010
56.933	-0.010
56.956	-0.010
56.978	-0.010
57.000	-0.010
57.022	-0.010
57.044	-0.010
57.067	-0.010
57.089	-0.010
57.111	-0.010
57.133	-0.010
57.156	-0.010
57.178	-0.010
57.200	-0.010
57.222	-0.010
57.244	-0.010
57.267	-0.010
57.289	-0.010
57.311	-0.010
57.333	-0.010
57.356	-0.010
57.378	-0.010
57.400	-0.010
57.422	-0.010
57.444	-0.010
57.467	-0.010
57.489	-0.010
57.511	-0.009
57.533	-0.009
57.556	-0.009

57.578	-0.009
57.600	-0.009
57.622	-0.009
57.644	-0.009
57.667	-0.009
57.689	-0.009
57.711	-0.009
57.733	-0.009
57.756	-0.009
57.778	-0.009
57.800	-0.009
57.822	-0.009
57.844	-0.009
57.867	-0.009
57.889	-0.009
57.911	-0.009
57.933	-0.009
57.956	-0.009
57.978	-0.009
58.000	-0.009
58.022	-0.009
58.044	-0.009
58.067	-0.009
58.089	-0.009
58.111	-0.009
58.133	-0.009
58.156	-0.009
58.178	-0.009
58.200	-0.009
58.222	-0.009
58.244	-0.009
58.267	-0.009
58.289	-0.009
58.311	-0.009
58.333	-0.009
58.356	-0.009
58.378	-0.009
58.400	-0.009
58.422	-0.009
58.444	-0.009
58.467	-0.009
58.489	-0.009
58.511	-0.009
58.533	-0.009
58.556	-0.009
58.578	-0.009
58.600	-0.009
58.622	-0.009
58.644	-0.009
58.667	-0.009
58.689	-0.009
58.711	-0.009
58.733	-0.009
58.756	-0.009
58.778	-0.009
58.800	-0.009
58.822	-0.009
58.844	-0.009
58.867	-0.009
58.889	-0.009
58.911	-0.009
58.933	-0.009
58.956	-0.009
58.978	-0.009
59.000	-0.009

59.022	-0.009
59.044	-0.009
59.067	-0.009
59.089	-0.009
59.111	-0.009
59.133	-0.009
59.156	-0.009
59.178	-0.009
59.200	-0.009
59.222	-0.009
59.244	-0.009
59.267	-0.009
59.289	-0.009
59.311	-0.009
59.333	-0.009
59.356	-0.009
59.378	-0.009
59.400	-0.009
59.422	-0.009
59.444	-0.009
59.467	-0.009
59.489	-0.009
59.511	-0.009
59.533	-0.009
59.556	-0.009
59.578	-0.009
59.600	-0.009
59.622	-0.009
59.644	-0.009
59.667	-0.009
59.689	-0.009
59.711	-0.009
59.733	-0.009
59.756	-0.009
59.778	-0.009
59.800	-0.009
59.822	-0.009
59.844	-0.009
59.867	-0.009
59.889	-0.009
59.911	-0.009
59.933	-0.009
59.956	-0.009
59.978	-0.009
60.000	-0.009
60.022	-0.009
60.044	-0.009
60.067	-0.009
60.089	-0.009
60.111	-0.009
60.133	-0.009
60.156	-0.009
60.178	-0.009
60.200	-0.009
60.222	-0.009
60.244	-0.009
60.267	-0.009
60.289	-0.009
60.311	-0.009
60.333	-0.009
60.356	-0.009
60.378	-0.009
60.400	-0.009
60.422	-0.009
60.444	-0.009

60.467	-0.009
60.489	-0.009
60.511	-0.009
60.533	-0.009
60.556	-0.009
60.578	-0.009
60.600	-0.009
60.622	-0.009
60.644	-0.009
60.667	-0.009
60.689	-0.009
60.711	-0.009
60.733	-0.009
60.756	-0.009
60.778	-0.009
60.800	-0.009
60.822	-0.009
60.844	-0.009
60.867	-0.009
60.889	-0.009
60.911	-0.009
60.933	-0.009
60.956	-0.009
60.978	-0.009
61.000	-0.009
61.022	-0.009
61.044	-0.009
61.067	-0.009
61.089	-0.009
61.111	-0.009
61.133	-0.009
61.156	-0.009
61.178	-0.009
61.200	-0.009
61.222	-0.009
61.244	-0.009
61.267	-0.009
61.289	-0.009
61.311	-0.009
61.333	-0.009
61.356	-0.009
61.378	-0.009
61.400	-0.009
61.422	-0.009
61.444	-0.009
61.467	-0.009
61.489	-0.009
61.511	-0.009
61.533	-0.009
61.556	-0.009
61.578	-0.009
61.600	-0.009
61.622	-0.009
61.644	-0.009
61.667	-0.009
61.689	-0.009
61.711	-0.009
61.733	-0.009
61.756	-0.009
61.778	-0.009
61.800	-0.009
61.822	-0.009
61.844	-0.009
61.867	-0.009
61.889	-0.009

61.911	-0.009
61.933	-0.009
61.956	-0.009
61.978	-0.009
62.000	-0.009
62.022	-0.009
62.044	-0.009
62.067	-0.009
62.089	-0.009
62.111	-0.009
62.133	-0.009
62.156	-0.009
62.178	-0.009
62.200	-0.009
62.222	-0.009
62.244	-0.009
62.267	-0.009
62.289	-0.009
62.311	-0.009
62.333	-0.009
62.356	-0.009
62.378	-0.009
62.400	-0.009
62.422	-0.009
62.444	-0.009
62.467	-0.009
62.489	-0.009
62.511	-0.009
62.533	-0.009
62.556	-0.009
62.578	-0.009
62.600	-0.009
62.622	-0.009
62.644	-0.009
62.667	-0.009
62.689	-0.009
62.711	-0.009
62.733	-0.009
62.756	-0.009
62.778	-0.009
62.800	-0.009
62.822	-0.009
62.844	-0.009
62.867	-0.009
62.889	-0.009
62.911	-0.009
62.933	-0.009
62.956	-0.009
62.978	-0.009
63.000	-0.009
63.022	-0.009
63.044	-0.008
63.067	-0.008
63.089	-0.008
63.111	-0.008
63.133	-0.008
63.156	-0.008
63.178	-0.008
63.200	-0.008
63.222	-0.008
63.244	-0.008
63.267	-0.008
63.289	-0.008
63.311	-0.008
63.333	-0.008

63.356	-0.008
63.378	-0.008
63.400	-0.008
63.422	-0.008
63.444	-0.008
63.467	-0.008
63.489	-0.008
63.511	-0.008
63.533	-0.008
63.556	-0.008
63.578	-0.008
63.600	-0.008
63.622	-0.008
63.644	-0.008
63.667	-0.008
63.689	-0.008
63.711	-0.008
63.733	-0.008
63.756	-0.008
63.778	-0.008
63.800	-0.008
63.822	-0.008
63.844	-0.008
63.867	-0.008
63.889	-0.008
63.911	-0.008
63.933	-0.008
63.956	-0.008
63.978	-0.008
64.000	-0.008
64.022	-0.008
64.044	-0.008
64.067	-0.008
64.089	-0.008
64.111	-0.008
64.133	-0.008
64.156	-0.008
64.178	-0.008
64.200	-0.008
64.222	-0.008
64.244	-0.008
64.267	-0.008
64.289	-0.008
64.311	-0.008
64.333	-0.008
64.356	-0.008
64.378	-0.008
64.400	-0.008
64.422	-0.008
64.444	-0.008
64.467	-0.008
64.489	-0.008
64.511	-0.008
64.533	-0.008
64.556	-0.008
64.578	-0.008
64.600	-0.008
64.622	-0.008
64.644	-0.008
64.667	-0.008
64.689	-0.008
64.711	-0.008
64.733	-0.008
64.756	-0.008
64.778	-0.008

64.800	-0.008
64.822	-0.008
64.844	-0.008
64.867	-0.008
64.889	-0.008
64.911	-0.008
64.933	-0.008
64.956	-0.008
64.978	-0.008
65.000	-0.008
65.022	-0.008
65.044	-0.008
65.067	-0.008
65.089	-0.008
65.111	-0.008
65.133	-0.008
65.156	-0.008
65.178	-0.008
65.200	-0.008
65.222	-0.008
65.244	-0.008
65.267	-0.008
65.289	-0.008
65.311	-0.008
65.333	-0.008
65.356	-0.008
65.378	-0.008
65.400	-0.008
65.422	-0.008
65.444	-0.008
65.467	-0.008
65.489	-0.008
65.511	-0.008
65.533	-0.008
65.556	-0.008
65.578	-0.008
65.600	-0.008
65.622	-0.008
65.644	-0.008
65.667	-0.008
65.689	-0.008
65.711	-0.008
65.733	-0.008
65.756	-0.008
65.778	-0.008
65.800	-0.008
65.822	-0.008
65.844	-0.008
65.867	-0.008
65.889	-0.008
65.911	-0.008
65.933	-0.008
65.956	-0.008
65.978	-0.008
66.000	-0.008
66.022	-0.008
66.044	-0.008
66.067	-0.008
66.089	-0.008
66.111	-0.008
66.133	-0.008
66.156	-0.008
66.178	-0.008
66.200	-0.008
66.222	-0.008

66.244	-0.008
66.267	-0.008
66.289	-0.008
66.311	-0.008
66.333	-0.008
66.356	-0.008
66.378	-0.008
66.400	-0.008
66.422	-0.008
66.444	-0.008
66.467	-0.008
66.489	-0.008
66.511	-0.008
66.533	-0.008
66.556	-0.008
66.578	-0.008
66.600	-0.008
66.622	-0.008
66.644	-0.008
66.667	-0.008
66.689	-0.008
66.711	-0.008
66.733	-0.008
66.756	-0.008
66.778	-0.008
66.800	-0.008
66.822	-0.008
66.844	-0.008
66.867	-0.008
66.889	-0.008
66.911	-0.008
66.933	-0.008
66.956	-0.008
66.978	-0.008
67.000	-0.008
67.022	-0.008
67.044	-0.008
67.067	-0.008
67.089	-0.008
67.111	-0.008
67.133	-0.008
67.156	-0.008
67.178	-0.008
67.200	-0.008
67.222	-0.008
67.244	-0.008
67.267	-0.008
67.289	-0.008
67.311	-0.008
67.333	-0.008
67.356	-0.008
67.378	-0.008
67.400	-0.008
67.422	-0.008
67.444	-0.008
67.467	-0.008
67.489	-0.008
67.511	-0.008
67.533	-0.008
67.556	-0.008
67.578	-0.008
67.600	-0.008
67.622	-0.008
67.644	-0.008
67.667	-0.008

67.689	-0.008
67.711	-0.008
67.733	-0.008
67.756	-0.008
67.778	-0.008
67.800	-0.008
67.822	-0.008
67.844	-0.008
67.867	-0.008
67.889	-0.008
67.911	-0.008
67.933	-0.008
67.956	-0.008
67.978	-0.008
68.000	-0.008
68.022	-0.008
68.044	-0.008
68.067	-0.008
68.089	-0.008
68.111	-0.008
68.133	-0.008
68.156	-0.008
68.178	-0.008
68.200	-0.008
68.222	-0.008
68.244	-0.008
68.267	-0.008
68.289	-0.008
68.311	-0.008
68.333	-0.008
68.356	-0.008
68.378	-0.008
68.400	-0.008
68.422	-0.008
68.444	-0.008
68.467	-0.008
68.489	-0.008
68.511	-0.008
68.533	-0.008
68.556	-0.008
68.578	-0.008
68.600	-0.008
68.622	-0.008
68.644	-0.008
68.667	-0.008
68.689	-0.008
68.711	-0.008
68.733	-0.008
68.756	-0.008
68.778	-0.008
68.800	-0.008
68.822	-0.008
68.844	-0.008
68.867	-0.008
68.889	-0.008
68.911	-0.008
68.933	-0.008
68.956	-0.008
68.978	-0.008
69.000	-0.008
69.022	-0.008
69.044	-0.008
69.067	-0.008
69.089	-0.008
69.111	-0.008

69.133	-0.008
69.156	-0.008
69.178	-0.008
69.200	-0.008
69.222	-0.008
69.244	-0.008
69.267	-0.008
69.289	-0.008
69.311	-0.008
69.333	-0.008
69.356	-0.008
69.378	-0.008
69.400	-0.008
69.422	-0.008
69.444	-0.008
69.467	-0.008
69.489	-0.008
69.511	-0.008
69.533	-0.008
69.556	-0.008
69.578	-0.008
69.600	-0.008
69.622	-0.008
69.644	-0.008
69.667	-0.008
69.689	-0.008
69.711	-0.008
69.733	-0.008
69.756	-0.008
69.778	-0.008
69.800	-0.008
69.822	-0.008
69.844	-0.008
69.867	-0.008
69.889	-0.008
69.911	-0.008
69.933	-0.008
69.956	-0.008
69.978	-0.008
70.000	-0.008
70.022	-0.008
70.044	-0.008
70.067	-0.008
70.089	-0.008
70.111	-0.008
70.133	-0.008
70.156	-0.008
70.178	-0.008
70.200	-0.008
70.222	-0.008
70.244	-0.008
70.267	-0.008
70.289	-0.008
70.311	-0.008
70.333	-0.008
70.356	-0.008
70.378	-0.008
70.400	-0.008
70.422	-0.008
70.444	-0.008
70.467	-0.008
70.489	-0.008
70.511	-0.008
70.533	-0.008
70.556	-0.008

70.578	-0.008
70.600	-0.008
70.622	-0.008
70.644	-0.008
70.667	-0.008
70.689	-0.008
70.711	-0.008
70.733	-0.008
70.756	-0.007
70.778	-0.007
70.800	-0.007
70.822	-0.007
70.844	-0.007
70.867	-0.007
70.889	-0.007
70.911	-0.007
70.933	-0.007
70.956	-0.007
70.978	-0.007
71.000	-0.007
71.022	-0.007
71.044	-0.007
71.067	-0.007
71.089	-0.007
71.111	-0.007
71.133	-0.007
71.156	-0.007
71.178	-0.007
71.200	-0.007
71.222	-0.007
71.244	-0.007
71.267	-0.007
71.289	-0.007
71.311	-0.007
71.333	-0.007
71.356	-0.007
71.378	-0.007
71.400	-0.007
71.422	-0.007
71.444	-0.007
71.467	-0.007
71.489	-0.007
71.511	-0.007
71.533	-0.007
71.556	-0.007
71.578	-0.007
71.600	-0.007
71.622	-0.007
71.644	-0.007
71.667	-0.007
71.689	-0.007
71.711	-0.007
71.733	-0.007
71.756	-0.007
71.778	-0.007
71.800	-0.007
71.822	-0.007
71.844	-0.007
71.867	-0.007
71.889	-0.007
71.911	-0.007
71.933	-0.007
71.956	-0.007
71.978	-0.007
72.000	-0.007

72.022	-0.007
72.044	-0.007
72.067	-0.007
72.089	-0.007
72.111	-0.007
72.133	-0.007
72.156	-0.007
72.178	-0.007
72.200	-0.007
72.222	-0.007
72.244	-0.007
72.267	-0.007
72.289	-0.007
72.311	-0.007
72.333	-0.007
72.356	-0.007
72.378	-0.007
72.400	-0.007
72.422	-0.007
72.444	-0.007
72.467	-0.007
72.489	-0.007
72.511	-0.007
72.533	-0.007
72.556	-0.007
72.578	-0.007
72.600	-0.007
72.622	-0.007
72.644	-0.007
72.667	-0.007
72.689	-0.007
72.711	-0.007
72.733	-0.007
72.756	-0.007
72.778	-0.007
72.800	-0.007
72.822	-0.007
72.844	-0.007
72.867	-0.007
72.889	-0.007
72.911	-0.007
72.933	-0.007
72.956	-0.007
72.978	-0.007
73.000	-0.007
73.022	-0.007
73.044	-0.007
73.067	-0.007
73.089	-0.007
73.111	-0.007
73.133	-0.007
73.156	-0.007
73.178	-0.007
73.200	-0.007
73.222	-0.007
73.244	-0.007
73.267	-0.007
73.289	-0.007
73.311	-0.007
73.333	-0.007
73.356	-0.007
73.378	-0.007
73.400	-0.007
73.422	-0.007
73.444	-0.007

73.467	-0.007
73.489	-0.007
73.511	-0.007
73.533	-0.007
73.556	-0.007
73.578	-0.007
73.600	-0.007
73.622	-0.007
73.644	-0.007
73.667	-0.007
73.689	-0.007
73.711	-0.007
73.733	-0.007
73.756	-0.007
73.778	-0.007
73.800	-0.007
73.822	-0.007
73.844	-0.007
73.867	-0.007
73.889	-0.007
73.911	-0.007
73.933	-0.007
73.956	-0.007
73.978	-0.007
74.000	-0.007
74.022	-0.007
74.044	-0.007
74.067	-0.007
74.089	-0.007
74.111	-0.007
74.133	-0.007
74.156	-0.007
74.178	-0.007
74.200	-0.007
74.222	-0.007
74.244	-0.007
74.267	-0.007
74.289	-0.007
74.311	-0.007
74.333	-0.007
74.356	-0.007
74.378	-0.007
74.400	-0.007
74.422	-0.007
74.444	-0.007
74.467	-0.007
74.489	-0.007
74.511	-0.007
74.533	-0.007
74.556	-0.007
74.578	-0.007
74.600	-0.007
74.622	-0.007
74.644	-0.007
74.667	-0.007
74.689	-0.007
74.711	-0.007
74.733	-0.007
74.756	-0.007
74.778	-0.007
74.800	-0.007
74.822	-0.007
74.844	-0.007
74.867	-0.007
74.889	-0.007

74.911	-0.007
74.933	-0.007
74.956	-0.007
74.978	-0.007
75.000	-0.007
75.022	-0.007
75.044	-0.007
75.067	-0.007
75.089	-0.007
75.111	-0.007
75.133	-0.007
75.156	-0.007
75.178	-0.007
75.200	-0.007
75.222	-0.007
75.244	-0.007
75.267	-0.007
75.289	-0.007
75.311	-0.007
75.333	-0.007
75.356	-0.007
75.378	-0.007
75.400	-0.007
75.422	-0.007
75.444	-0.007
75.467	-0.007
75.489	-0.007
75.511	-0.007
75.533	-0.007
75.556	-0.007
75.578	-0.007
75.600	-0.007
75.622	-0.007
75.644	-0.007
75.667	-0.007
75.689	-0.007
75.711	-0.007
75.733	-0.007
75.756	-0.007
75.778	-0.007
75.800	-0.007
75.822	-0.007
75.844	-0.007
75.867	-0.007
75.889	-0.007
75.911	-0.007
75.933	-0.007
75.956	-0.007
75.978	-0.007
76.000	-0.007
76.022	-0.007
76.044	-0.007
76.067	-0.007
76.089	-0.007
76.111	-0.007
76.133	-0.007
76.156	-0.006
76.178	-0.006
76.200	-0.006
76.222	-0.006
76.244	-0.006
76.267	-0.006
76.289	-0.006
76.311	-0.006
76.333	-0.006

76.356	-0.006
76.378	-0.006
76.400	-0.006
76.422	-0.006
76.444	-0.006
76.467	-0.006
76.489	-0.006
76.511	-0.006
76.533	-0.006
76.556	-0.006
76.578	-0.006
76.600	-0.006
76.622	-0.006
76.644	-0.006
76.667	-0.006
76.689	-0.006
76.711	-0.006
76.733	-0.006
76.756	-0.006
76.778	-0.006
76.800	-0.006
76.822	-0.006
76.844	-0.006
76.867	-0.006
76.889	-0.006
76.911	-0.006
76.933	-0.006
76.956	-0.006
76.978	-0.006
77.000	-0.006
77.022	-0.006
77.044	-0.006
77.067	-0.006
77.089	-0.006
77.111	-0.006
77.133	-0.006
77.156	-0.006
77.178	-0.006
77.200	-0.006
77.222	-0.006
77.244	-0.006
77.267	-0.006
77.289	-0.006
77.311	-0.006
77.333	-0.006
77.356	-0.006
77.378	-0.006
77.400	-0.006
77.422	-0.006
77.444	-0.006
77.467	-0.006
77.489	-0.006
77.511	-0.006
77.533	-0.006
77.556	-0.006
77.578	-0.006
77.600	-0.006
77.622	-0.006
77.644	-0.006
77.667	-0.006
77.689	-0.006
77.711	-0.006
77.733	-0.006
77.756	-0.006
77.778	-0.006

77.800	-0.006
77.822	-0.006
77.844	-0.006
77.867	-0.006
77.889	-0.006
77.911	-0.006
77.933	-0.006
77.956	-0.006
77.978	-0.006
78.000	-0.006
78.022	-0.006
78.044	-0.006
78.067	-0.006
78.089	-0.006
78.111	-0.006
78.133	-0.006
78.156	-0.006
78.178	-0.006
78.200	-0.006
78.222	-0.006
78.244	-0.006
78.267	-0.006
78.289	-0.006
78.311	-0.006
78.333	-0.006
78.356	-0.006
78.378	-0.006
78.400	-0.006
78.422	-0.006
78.444	-0.006
78.467	-0.006
78.489	-0.006
78.511	-0.006
78.533	-0.006
78.556	-0.006
78.578	-0.006
78.600	-0.006
78.622	-0.006
78.644	-0.006
78.667	-0.006
78.689	-0.006
78.711	-0.006
78.733	-0.006
78.756	-0.006
78.778	-0.006
78.800	-0.006
78.822	-0.006
78.844	-0.006
78.867	-0.006
78.889	-0.006
78.911	-0.006
78.933	-0.006
78.956	-0.006
78.978	-0.006
79.000	-0.006
79.022	-0.006
79.044	-0.006
79.067	-0.006
79.089	-0.006
79.111	-0.006
79.133	-0.006
79.156	-0.006
79.178	-0.006
79.200	-0.006
79.222	-0.006

79.244	-0.006
79.267	-0.006
79.289	-0.006
79.311	-0.006
79.333	-0.006
79.356	-0.006
79.378	-0.006
79.400	-0.006
79.422	-0.006
79.444	-0.006
79.467	-0.006
79.489	-0.006
79.511	-0.006
79.533	-0.006
79.556	-0.006
79.578	-0.006
79.600	-0.006
79.622	-0.006
79.644	-0.006
79.667	-0.006
79.689	-0.006
79.711	-0.006
79.733	-0.006
79.756	-0.006
79.778	-0.006
79.800	-0.006
79.822	-0.006
79.844	-0.006
79.867	-0.006
79.889	-0.006
79.911	-0.006
79.933	-0.006
79.956	-0.006
79.978	-0.006
80.000	-0.006
80.022	-0.006
80.044	-0.006
80.067	-0.006
80.089	-0.006
80.111	-0.006
80.133	-0.006
80.156	-0.006
80.178	-0.006
80.200	-0.006
80.222	-0.006
80.244	-0.006
80.267	-0.006
80.289	-0.006
80.311	-0.006
80.333	-0.006
80.356	-0.006
80.378	-0.006
80.400	-0.006
80.422	-0.006
80.444	-0.006
80.467	-0.006
80.489	-0.006
80.511	-0.006
80.533	-0.006
80.556	-0.006
80.578	-0.006
80.600	-0.006
80.622	-0.006
80.644	-0.006
80.667	-0.006

80.689	-0.006
80.711	-0.006
80.733	-0.006
80.756	-0.006
80.778	-0.006
80.800	-0.006
80.822	-0.006
80.844	-0.006
80.867	-0.006
80.889	-0.006
80.911	-0.006
80.933	-0.006
80.956	-0.006
80.978	-0.006
81.000	-0.006
81.022	-0.006
81.044	-0.006
81.067	-0.006
81.089	-0.006
81.111	-0.006
81.133	-0.006
81.156	-0.006
81.178	-0.006
81.200	-0.006
81.222	-0.006
81.244	-0.006
81.267	-0.006
81.289	-0.006
81.311	-0.006
81.333	-0.006
81.356	-0.006
81.378	-0.006
81.400	-0.006
81.422	-0.006
81.444	-0.006
81.467	-0.006
81.489	-0.006
81.511	-0.006
81.533	-0.006
81.556	-0.006
81.578	-0.006
81.600	-0.006
81.622	-0.006
81.644	-0.006
81.667	-0.006
81.689	-0.006
81.711	-0.006
81.733	-0.006
81.756	-0.006
81.778	-0.006
81.800	-0.006
81.822	-0.006
81.844	-0.006
81.867	-0.006
81.889	-0.006
81.911	-0.006
81.933	-0.006
81.956	-0.006
81.978	-0.006
82.000	-0.006
82.022	-0.006
82.044	-0.006
82.067	-0.006
82.089	-0.006
82.111	-0.006

82.133	-0.006
82.156	-0.006
82.178	-0.006
82.200	-0.006
82.222	-0.006
82.244	-0.006
82.267	-0.006
82.289	-0.006
82.311	-0.006
82.333	-0.006
82.356	-0.006
82.378	-0.006
82.400	-0.006
82.422	-0.006
82.444	-0.006
82.467	-0.006
82.489	-0.006
82.511	-0.006
82.533	-0.006
82.556	-0.006
82.578	-0.006
82.600	-0.006
82.622	-0.006
82.644	-0.006
82.667	-0.006
82.689	-0.006
82.711	-0.006
82.733	-0.006
82.756	-0.006
82.778	-0.006
82.800	-0.006
82.822	-0.006
82.844	-0.006
82.867	-0.006
82.889	-0.006
82.911	-0.006
82.933	-0.006
82.956	-0.006
82.978	-0.006
83.000	-0.006
83.022	-0.006
83.044	-0.006
83.067	-0.006
83.089	-0.006
83.111	-0.006
83.133	-0.006
83.156	-0.006
83.178	-0.006
83.200	-0.006
83.222	-0.006
83.244	-0.006
83.267	-0.006
83.289	-0.006
83.311	-0.006
83.333	-0.006
83.356	-0.006
83.378	-0.006
83.400	-0.006
83.422	-0.006
83.444	-0.006
83.467	-0.006
83.489	-0.006
83.511	-0.006
83.533	-0.006
83.556	-0.006

83.578	-0.006
83.600	-0.006
83.622	-0.006
83.644	-0.006
83.667	-0.006
83.689	-0.006
83.711	-0.006
83.733	-0.006
83.756	-0.006
83.778	-0.006
83.800	-0.006
83.822	-0.006
83.844	-0.006
83.867	-0.006
83.889	-0.006
83.911	-0.006
83.933	-0.006
83.956	-0.006
83.978	-0.006
84.000	-0.006
84.022	-0.006
84.044	-0.006
84.067	-0.006
84.089	-0.006
84.111	-0.006
84.133	-0.006
84.156	-0.006
84.178	-0.006
84.200	-0.006
84.222	-0.006
84.244	-0.006
84.267	-0.006
84.289	-0.006
84.311	-0.006
84.333	-0.006
84.356	-0.006
84.378	-0.006
84.400	-0.006
84.422	-0.006
84.444	-0.006
84.467	-0.006
84.489	-0.006
84.511	-0.006
84.533	-0.006
84.556	-0.006
84.578	-0.006
84.600	-0.006
84.622	-0.006
84.644	-0.006
84.667	-0.006
84.689	-0.006
84.711	-0.006
84.733	-0.006
84.756	-0.006
84.778	-0.006
84.800	-0.006
84.822	-0.006
84.844	-0.006
84.867	-0.006
84.889	-0.006
84.911	-0.006
84.933	-0.006
84.956	-0.006
84.978	-0.006
85.000	-0.006

85.022	-0.006
85.044	-0.006
85.067	-0.006
85.089	-0.006
85.111	-0.006
85.133	-0.006
85.156	-0.006
85.178	-0.006
85.200	-0.006
85.222	-0.006
85.244	-0.006
85.267	-0.006
85.289	-0.006
85.311	-0.006
85.333	-0.006
85.356	-0.006
85.378	-0.006
85.400	-0.006
85.422	-0.006
85.444	-0.006
85.467	-0.006
85.489	-0.006
85.511	-0.006
85.533	-0.006
85.556	-0.006
85.578	-0.006
85.600	-0.006
85.622	-0.006
85.644	-0.006
85.667	-0.006
85.689	-0.006
85.711	-0.006
85.733	-0.006
85.756	-0.006
85.778	-0.006
85.800	-0.006
85.822	-0.006
85.844	-0.006
85.867	-0.006
85.889	-0.005
85.911	-0.005
85.933	-0.005
85.956	-0.005
85.978	-0.005
86.000	-0.005
86.022	-0.005
86.044	-0.005
86.067	-0.005
86.089	-0.005
86.111	-0.005
86.133	-0.005
86.156	-0.005
86.178	-0.005
86.200	-0.005
86.222	-0.005
86.244	-0.005
86.267	-0.005
86.289	-0.005
86.311	-0.005
86.333	-0.005
86.356	-0.005
86.378	-0.005
86.400	-0.005
86.422	-0.005
86.444	-0.005

86.467	-0.005
86.489	-0.005
86.511	-0.005
86.533	-0.005
86.556	-0.005
86.578	-0.005
86.600	-0.005
86.622	-0.005
86.644	-0.005
86.667	-0.005
86.689	-0.005
86.711	-0.005
86.733	-0.005
86.756	-0.005
86.778	-0.005
86.800	-0.005
86.822	-0.005
86.844	-0.005
86.867	-0.005
86.889	-0.005
86.911	-0.005
86.933	-0.005
86.956	-0.005
86.978	-0.005
87.000	-0.005
87.022	-0.005
87.044	-0.005
87.067	-0.005
87.089	-0.005
87.111	-0.005
87.133	-0.005
87.156	-0.005
87.178	-0.005
87.200	-0.005
87.222	-0.005
87.244	-0.005
87.267	-0.005
87.289	-0.005
87.311	-0.005
87.333	-0.005
87.356	-0.005
87.378	-0.005
87.400	-0.005
87.422	-0.005
87.444	-0.005
87.467	-0.005
87.489	-0.005
87.511	-0.005
87.533	-0.005
87.556	-0.005
87.578	-0.005
87.600	-0.005
87.622	-0.005
87.644	-0.005
87.667	-0.005
87.689	-0.005
87.711	-0.005
87.733	-0.005
87.756	-0.005
87.778	-0.005
87.800	-0.005
87.822	-0.005
87.844	-0.005
87.867	-0.005
87.889	-0.005

87.911	-0.005
87.933	-0.005
87.956	-0.005
87.978	-0.005
88.000	-0.005
88.022	-0.005
88.044	-0.005
88.067	-0.005
88.089	-0.005
88.111	-0.005
88.133	-0.005
88.156	-0.005
88.178	-0.005
88.200	-0.005
88.222	-0.005
88.244	-0.005
88.267	-0.005
88.289	-0.005
88.311	-0.005
88.333	-0.005
88.356	-0.005
88.378	-0.005
88.400	-0.005
88.422	-0.005
88.444	-0.005
88.467	-0.005
88.489	-0.005
88.511	-0.005
88.533	-0.005
88.556	-0.005
88.578	-0.005
88.600	-0.005
88.622	-0.005
88.644	-0.005
88.667	-0.005
88.689	-0.005
88.711	-0.005
88.733	-0.005
88.756	-0.005
88.778	-0.005
88.800	-0.005
88.822	-0.005
88.844	-0.005
88.867	-0.005
88.889	-0.005
88.911	-0.005
88.933	-0.005
88.956	-0.005
88.978	-0.005
89.000	-0.005
89.022	-0.005
89.044	-0.005
89.067	-0.005
89.089	-0.005
89.111	-0.005
89.133	-0.005
89.156	-0.005
89.178	-0.005
89.200	-0.005
89.222	-0.005
89.244	-0.005
89.267	-0.005
89.289	-0.005
89.311	-0.005
89.333	-0.005

89.356	-0.005
89.378	-0.005
89.400	-0.005
89.422	-0.005
89.444	-0.005
89.467	-0.005
89.489	-0.005
89.511	-0.005
89.533	-0.005
89.556	-0.005
89.578	-0.005
89.600	-0.005
89.622	-0.005
89.644	-0.005
89.667	-0.005
89.689	-0.005
89.711	-0.005
89.733	-0.005
89.756	-0.005
89.778	-0.005
89.800	-0.005
89.822	-0.005
89.844	-0.005
89.867	-0.005
89.889	-0.005
89.911	-0.005
89.933	-0.005
89.956	-0.005
89.978	-0.005
90.000	-0.005
90.022	-0.005
90.044	-0.005
90.067	-0.005
90.089	-0.005
90.111	-0.005
90.133	-0.005
90.156	-0.005
90.178	-0.005
90.200	-0.005
90.222	-0.005
90.244	-0.005
90.267	-0.005
90.289	-0.005
90.311	-0.005
90.333	-0.005
90.356	-0.005
90.378	-0.005
90.400	-0.005
90.422	-0.005
90.444	-0.005
90.467	-0.005
90.489	-0.005
90.511	-0.005
90.533	-0.005
90.556	-0.005
90.578	-0.005
90.600	-0.005
90.622	-0.005
90.644	-0.005
90.667	-0.005
90.689	-0.005
90.711	-0.005
90.733	-0.005
90.756	-0.005
90.778	-0.005

90.800	-0.005
90.822	-0.005
90.844	-0.005
90.867	-0.005
90.889	-0.005
90.911	-0.005
90.933	-0.005
90.956	-0.005
90.978	-0.005
91.000	-0.005
91.022	-0.005
91.044	-0.005
91.067	-0.005
91.089	-0.005
91.111	-0.005
91.133	-0.005
91.156	-0.005
91.178	-0.005
91.200	-0.005
91.222	-0.005
91.244	-0.005
91.267	-0.005
91.289	-0.005
91.311	-0.005
91.333	-0.005
91.356	-0.005
91.378	-0.005
91.400	-0.005
91.422	-0.005
91.444	-0.005
91.467	-0.005
91.489	-0.005
91.511	-0.005
91.533	-0.005
91.556	-0.005
91.578	-0.005
91.600	-0.005
91.622	-0.005
91.644	-0.005
91.667	-0.005
91.689	-0.005
91.711	-0.005
91.733	-0.005
91.756	-0.005
91.778	-0.005
91.800	-0.005
91.822	-0.005
91.844	-0.005
91.867	-0.005
91.889	-0.005
91.911	-0.005
91.933	-0.005
91.956	-0.005
91.978	-0.005
92.000	-0.005
92.022	-0.005
92.044	-0.005
92.067	-0.005
92.089	-0.005
92.111	-0.005
92.133	-0.005
92.156	-0.005
92.178	-0.005
92.200	-0.005
92.222	-0.005

92.244	-0.005
92.267	-0.005
92.289	-0.005
92.311	-0.005
92.333	-0.005
92.356	-0.005
92.378	-0.005
92.400	-0.005
92.422	-0.005
92.444	-0.005
92.467	-0.005
92.489	-0.005
92.511	-0.005
92.533	-0.005
92.556	-0.005
92.578	-0.005
92.600	-0.005
92.622	-0.005
92.644	-0.005
92.667	-0.005
92.689	-0.005
92.711	-0.005
92.733	-0.005
92.756	-0.005
92.778	-0.005
92.800	-0.005
92.822	-0.005
92.844	-0.005
92.867	-0.005
92.889	-0.005
92.911	-0.005
92.933	-0.005
92.956	-0.005
92.978	-0.005
93.000	-0.005
93.022	-0.005
93.044	-0.005
93.067	-0.005
93.089	-0.005
93.111	-0.005
93.133	-0.005
93.156	-0.005
93.178	-0.005
93.200	-0.005
93.222	-0.005
93.244	-0.005
93.267	-0.005
93.289	-0.005
93.311	-0.005
93.333	-0.005
93.356	-0.005
93.378	-0.005
93.400	-0.005
93.422	-0.005
93.444	-0.005
93.467	-0.005
93.489	-0.005
93.511	-0.005
93.533	-0.005
93.556	-0.005
93.578	-0.005
93.600	-0.005
93.622	-0.005
93.644	-0.005
93.667	-0.005

93.689	-0.005
93.711	-0.005
93.733	-0.005
93.756	-0.005
93.778	-0.005
93.800	-0.005
93.822	-0.005
93.844	-0.005
93.867	-0.005
93.889	-0.005
93.911	-0.005
93.933	-0.005
93.956	-0.005
93.978	-0.005
94.000	-0.005
94.022	-0.005
94.044	-0.005
94.067	-0.005
94.089	-0.005
94.111	-0.005
94.133	-0.005
94.156	-0.005
94.178	-0.005
94.200	-0.005
94.222	-0.005
94.244	-0.005
94.267	-0.005
94.289	-0.005
94.311	-0.005
94.333	-0.005
94.356	-0.005
94.378	-0.005
94.400	-0.005
94.422	-0.005
94.444	-0.005
94.467	-0.005
94.489	-0.005
94.511	-0.005
94.533	-0.005
94.556	-0.005
94.578	-0.005
94.600	-0.005
94.622	-0.005
94.644	-0.005
94.667	-0.005
94.689	-0.005
94.711	-0.005
94.733	-0.005
94.756	-0.005
94.778	-0.005
94.800	-0.005
94.822	-0.005
94.844	-0.005
94.867	-0.005
94.889	-0.005
94.911	-0.005
94.933	-0.005
94.956	-0.005
94.978	-0.005
95.000	-0.005
95.022	-0.005
95.044	-0.005
95.067	-0.005
95.089	-0.005
95.111	-0.005

95.133	-0.005
95.156	-0.005
95.178	-0.005
95.200	-0.005
95.222	-0.005
95.244	-0.005
95.267	-0.005
95.289	-0.005
95.311	-0.005
95.333	-0.005
95.356	-0.005
95.378	-0.005
95.400	-0.005
95.422	-0.005
95.444	-0.005
95.467	-0.005
95.489	-0.005
95.511	-0.005
95.533	-0.005
95.556	-0.005
95.578	-0.005
95.600	-0.005
95.622	-0.005
95.644	-0.005
95.667	-0.005
95.689	-0.005
95.711	-0.005
95.733	-0.005
95.756	-0.005
95.778	-0.005
95.800	-0.005
95.822	-0.005
95.844	-0.005
95.867	-0.005
95.889	-0.005
95.911	-0.005
95.933	-0.005
95.956	-0.005
95.978	-0.005
96.000	-0.005
96.022	-0.005
96.044	-0.005
96.067	-0.005
96.089	-0.005
96.111	-0.005
96.133	-0.005
96.156	-0.005
96.178	-0.005
96.200	-0.005
96.222	-0.005
96.244	-0.005
96.267	-0.005
96.289	-0.005
96.311	-0.005
96.333	-0.005
96.356	-0.005
96.378	-0.005
96.400	-0.005
96.422	-0.005
96.444	-0.005
96.467	-0.005
96.489	-0.005
96.511	-0.005
96.533	-0.005
96.556	-0.005

96.578	-0.005
96.600	-0.005
96.622	-0.005
96.644	-0.005
96.667	-0.005
96.689	-0.005
96.711	-0.005
96.733	-0.005
96.756	-0.005
96.778	-0.005
96.800	-0.005
96.822	-0.005
96.844	-0.005
96.867	-0.005
96.889	-0.005
96.911	-0.005
96.933	-0.005
96.956	-0.005
96.978	-0.005
97.000	-0.005
97.022	-0.005
97.044	-0.005
97.067	-0.005
97.089	-0.005
97.111	-0.005
97.133	-0.005
97.156	-0.005
97.178	-0.005
97.200	-0.005
97.222	-0.005
97.244	-0.005
97.267	-0.005
97.289	-0.005
97.311	-0.005
97.333	-0.005
97.356	-0.005
97.378	-0.005
97.400	-0.005
97.422	-0.005
97.444	-0.005
97.467	-0.005
97.489	-0.005
97.511	-0.005
97.533	-0.005
97.556	-0.005
97.578	-0.005
97.600	-0.005
97.622	-0.005
97.644	-0.005
97.667	-0.005
97.689	-0.005
97.711	-0.005
97.733	-0.005
97.756	-0.005
97.778	-0.005
97.800	-0.005
97.822	-0.005
97.844	-0.005
97.867	-0.005
97.889	-0.005
97.911	-0.005
97.933	-0.005
97.956	-0.005
97.978	-0.005
98.000	-0.005

98.022	-0.005
98.044	-0.005
98.067	-0.005
98.089	-0.005
98.111	-0.005
98.133	-0.005
98.156	-0.005
98.178	-0.005
98.200	-0.005
98.222	-0.005
98.244	-0.005
98.267	-0.005
98.289	-0.005
98.311	-0.005
98.333	-0.005
98.356	-0.005
98.378	-0.005
98.400	-0.005
98.422	-0.005
98.444	-0.005
98.467	-0.005
98.489	-0.005
98.511	-0.005
98.533	-0.005
98.556	-0.005
98.578	-0.005
98.600	-0.005
98.622	-0.005
98.644	-0.005
98.667	-0.005
98.689	-0.005
98.711	-0.005
98.733	-0.005
98.756	-0.005
98.778	-0.005
98.800	-0.005
98.822	-0.005
98.844	-0.005
98.867	-0.005
98.889	-0.005
98.911	-0.005
98.933	-0.005
98.956	-0.005
98.978	-0.005
99.000	-0.005
99.022	-0.005
99.044	-0.005
99.067	-0.005
99.089	-0.005
99.111	-0.005
99.133	-0.005
99.156	-0.005
99.178	-0.005
99.200	-0.005
99.222	-0.005
99.244	-0.005
99.267	-0.005
99.289	-0.005
99.311	-0.005
99.333	-0.005
99.356	-0.005
99.378	-0.005
99.400	-0.005
99.422	-0.005
99.444	-0.005

99.467	-0.005
99.489	-0.005
99.511	-0.005
99.533	-0.005
99.556	-0.005
99.578	-0.005
99.600	-0.005
99.622	-0.005
99.644	-0.005
99.667	-0.005
99.689	-0.005
99.711	-0.005
99.733	-0.005
99.756	-0.005
99.778	-0.005
99.800	-0.005
99.822	-0.005
99.844	-0.005
99.867	-0.005
99.889	-0.005
99.911	-0.005
99.933	-0.005
99.956	-0.005
99.978	-0.005
100.000	-0.005
100.022	-0.005
100.044	-0.005
100.067	-0.005
100.089	-0.005
100.111	-0.005
100.133	-0.005
100.156	-0.005
100.178	-0.005
100.200	-0.005
100.222	-0.005
100.244	-0.005
100.267	-0.005
100.289	-0.005
100.311	-0.005
100.333	-0.005
100.356	-0.005
100.378	-0.005
100.400	-0.005
100.422	-0.005
100.444	-0.005
100.467	-0.005
100.489	-0.005
100.511	-0.005
100.533	-0.005
100.556	-0.005
100.578	-0.005
100.600	-0.005
100.622	-0.005
100.644	-0.005
100.667	-0.005
100.689	-0.005
100.711	-0.005
100.733	-0.005
100.756	-0.005
100.778	-0.005
100.800	-0.005
100.822	-0.005
100.844	-0.005
100.867	-0.005
100.889	-0.005

100.911	-0.005
100.933	-0.005
100.956	-0.005
100.978	-0.005
101.000	-0.005
101.022	-0.005
101.044	-0.005
101.067	-0.005
101.089	-0.005
101.111	-0.005
101.133	-0.005
101.156	-0.005
101.178	-0.005
101.200	-0.005
101.222	-0.005
101.244	-0.005
101.267	-0.005
101.289	-0.005
101.311	-0.005
101.333	-0.005
101.356	-0.005
101.378	-0.005
101.400	-0.005
101.422	-0.005
101.444	-0.005
101.467	-0.005
101.489	-0.005
101.511	-0.005
101.533	-0.005
101.556	-0.005
101.578	-0.005
101.600	-0.005
101.622	-0.005
101.644	-0.005
101.667	-0.005
101.689	-0.005
101.711	-0.005
101.733	-0.005
101.756	-0.005
101.778	-0.005
101.800	-0.005
101.822	-0.005
101.844	-0.005
101.867	-0.005
101.889	-0.005
101.911	-0.005
101.933	-0.005
101.956	-0.005
101.978	-0.005
102.000	-0.005
102.022	-0.005
102.044	-0.005
102.067	-0.005
102.089	-0.005
102.111	-0.005
102.133	-0.005
102.156	-0.005
102.178	-0.005
102.200	-0.005
102.222	-0.005
102.244	-0.005
102.267	-0.005
102.289	-0.005
102.311	-0.005
102.333	-0.005

102.356	-0.005
102.378	-0.005
102.400	-0.005
102.422	-0.005
102.444	-0.005
102.467	-0.005
102.489	-0.005
102.511	-0.005
102.533	-0.005
102.556	-0.005
102.578	-0.005
102.600	-0.005
102.622	-0.005
102.644	-0.005
102.667	-0.005
102.689	-0.005
102.711	-0.005
102.733	-0.005
102.756	-0.005
102.778	-0.005
102.800	-0.005
102.822	-0.005
102.844	-0.005
102.867	-0.005
102.889	-0.005
102.911	-0.005
102.933	-0.005
102.956	-0.005
102.978	-0.005
103.000	-0.005
103.022	-0.005
103.044	-0.005
103.067	-0.005
103.089	-0.005
103.111	-0.005
103.133	-0.005
103.156	-0.005
103.178	-0.005
103.200	-0.005
103.222	-0.005
103.244	-0.005
103.267	-0.005
103.289	-0.005
103.311	-0.005
103.333	-0.005
103.356	-0.005
103.378	-0.005
103.400	-0.005
103.422	-0.005
103.444	-0.005
103.467	-0.005
103.489	-0.005
103.511	-0.005
103.533	-0.005
103.556	-0.005
103.578	-0.005
103.600	-0.005
103.622	-0.005
103.644	-0.005
103.667	-0.005
103.689	-0.005
103.711	-0.005
103.733	-0.005
103.756	-0.005
103.778	-0.005

103.800	-0.005
103.822	-0.005
103.844	-0.005
103.867	-0.005
103.889	-0.005
103.911	-0.005
103.933	-0.005
103.956	-0.005
103.978	-0.005
104.000	-0.005
104.022	-0.005
104.044	-0.005
104.067	-0.005
104.089	-0.005
104.111	-0.005
104.133	-0.005
104.156	-0.005
104.178	-0.005
104.200	-0.005
104.222	-0.005
104.244	-0.005
104.267	-0.005
104.289	-0.005
104.311	-0.005
104.333	-0.005
104.356	-0.005
104.378	-0.005
104.400	-0.005
104.422	-0.005
104.444	-0.005
104.467	-0.005
104.489	-0.005
104.511	-0.005
104.533	-0.005
104.556	-0.005
104.578	-0.005
104.600	-0.005
104.622	-0.005
104.644	-0.005
104.667	-0.005
104.689	-0.005
104.711	-0.005
104.733	-0.005
104.756	-0.005
104.778	-0.005
104.800	-0.005
104.822	-0.005
104.844	-0.005
104.867	-0.005
104.889	-0.005
104.911	-0.005
104.933	-0.005
104.956	-0.005
104.978	-0.005
105.000	-0.005
105.022	-0.005
105.044	-0.005
105.067	-0.005
105.089	-0.005
105.111	-0.005
105.133	-0.005
105.156	-0.005
105.178	-0.005
105.200	-0.005
105.222	-0.005

105.244	-0.005
105.267	-0.005
105.289	-0.005
105.311	-0.005
105.333	-0.005
105.356	-0.005
105.378	-0.005
105.400	-0.005
105.422	-0.005
105.444	-0.005
105.467	-0.005
105.489	-0.005
105.511	-0.005
105.533	-0.005
105.556	-0.005
105.578	-0.005
105.600	-0.005
105.622	-0.005
105.644	-0.005
105.667	-0.005
105.689	-0.005
105.711	-0.005
105.733	-0.005
105.756	-0.005
105.778	-0.005
105.800	-0.005
105.822	-0.005
105.844	-0.005
105.867	-0.005
105.889	-0.005
105.911	-0.005
105.933	-0.005
105.956	-0.005
105.978	-0.005
106.000	-0.005
106.022	-0.005
106.044	-0.005
106.067	-0.005
106.089	-0.005
106.111	-0.005
106.133	-0.005
106.156	-0.005
106.178	-0.005
106.200	-0.005
106.222	-0.005
106.244	-0.005
106.267	-0.005
106.289	-0.005
106.311	-0.005
106.333	-0.005
106.356	-0.005
106.378	-0.005
106.400	-0.005
106.422	-0.005
106.444	-0.005
106.467	-0.005
106.489	-0.005
106.511	-0.005
106.533	-0.005
106.556	-0.005
106.578	-0.005
106.600	-0.005
106.622	-0.005
106.644	-0.005
106.667	-0.005

106.689	-0.005
106.711	-0.004
106.733	-0.004
106.756	-0.004
106.778	-0.004
106.800	-0.004
106.822	-0.004
106.844	-0.004
106.867	-0.004
106.889	-0.004
106.911	-0.004
106.933	-0.004
106.956	-0.004
106.978	-0.004
107.000	-0.004
107.022	-0.004
107.044	-0.004
107.067	-0.004
107.089	-0.004
107.111	-0.004
107.133	-0.004
107.156	-0.004
107.178	-0.004
107.200	-0.004
107.222	-0.004
107.244	-0.004
107.267	-0.004
107.289	-0.004
107.311	-0.004
107.333	-0.004
107.356	-0.004
107.378	-0.004
107.400	-0.004
107.422	-0.004
107.444	-0.004
107.467	-0.004
107.489	-0.004
107.511	-0.004
107.533	-0.004
107.556	-0.004
107.578	-0.004
107.600	-0.004
107.622	-0.004
107.644	-0.004
107.667	-0.004
107.689	-0.004
107.711	-0.004
107.733	-0.004
107.756	-0.004
107.778	-0.004
107.800	-0.004
107.822	-0.004
107.844	-0.004
107.867	-0.004
107.889	-0.004
107.911	-0.004
107.933	-0.004
107.956	-0.004
107.978	-0.004
108.000	-0.004
108.022	-0.004
108.044	-0.004
108.067	-0.004
108.089	-0.004
108.111	-0.004

108.133	-0.004
108.156	-0.004
108.178	-0.004
108.200	-0.004
108.222	-0.004
108.244	-0.004
108.267	-0.004
108.289	-0.004
108.311	-0.004
108.333	-0.004
108.356	-0.004
108.378	-0.004
108.400	-0.004
108.422	-0.004
108.444	-0.004
108.467	-0.004
108.489	-0.004
108.511	-0.004
108.533	-0.004
108.556	-0.004
108.578	-0.004
108.600	-0.004
108.622	-0.004
108.644	-0.004
108.667	-0.004
108.689	-0.004
108.711	-0.004
108.733	-0.004
108.756	-0.004
108.778	-0.004
108.800	-0.004
108.822	-0.004
108.844	-0.004
108.867	-0.004
108.889	-0.004
108.911	-0.004
108.933	-0.004
108.956	-0.004
108.978	-0.004
109.000	-0.004
109.022	-0.004
109.044	-0.004
109.067	-0.004
109.089	-0.004
109.111	-0.004
109.133	-0.004
109.156	-0.004
109.178	-0.004
109.200	-0.004
109.222	-0.004
109.244	-0.004
109.267	-0.004
109.289	-0.004
109.311	-0.004
109.333	-0.004
109.356	-0.004
109.378	-0.004
109.400	-0.004
109.422	-0.004
109.444	-0.004
109.467	-0.004
109.489	-0.004
109.511	-0.004
109.533	-0.004
109.556	-0.004

109.578	-0.004
109.600	-0.004
109.622	-0.004
109.644	-0.004
109.667	-0.004
109.689	-0.004
109.711	-0.004
109.733	-0.004
109.756	-0.004
109.778	-0.004
109.800	-0.004
109.822	-0.004
109.844	-0.004
109.867	-0.004
109.889	-0.004
109.911	-0.004
109.933	-0.004
109.956	-0.004
109.978	-0.004
110.000	-0.004
110.022	-0.004
110.044	-0.004
110.067	-0.004
110.089	-0.004
110.111	-0.004
110.133	-0.004
110.156	-0.004
110.178	-0.004
110.200	-0.004
110.222	-0.004
110.244	-0.004
110.267	-0.004
110.289	-0.004
110.311	-0.004
110.333	-0.004
110.356	-0.004
110.378	-0.004
110.400	-0.004
110.422	-0.004
110.444	-0.004
110.467	-0.004
110.489	-0.004
110.511	-0.004
110.533	-0.004
110.556	-0.004
110.578	-0.004
110.600	-0.004
110.622	-0.004
110.644	-0.004
110.667	-0.004
110.689	-0.004
110.711	-0.004
110.733	-0.004
110.756	-0.004
110.778	-0.004
110.800	-0.004
110.822	-0.004
110.844	-0.004
110.867	-0.004
110.889	-0.004
110.911	-0.004
110.933	-0.004
110.956	-0.004
110.978	-0.004
111.000	-0.004

111.022	-0.004
111.044	-0.004
111.067	-0.004
111.089	-0.004
111.111	-0.004
111.133	-0.004
111.156	-0.004
111.178	-0.004
111.200	-0.004
111.222	-0.004
111.244	-0.004
111.267	-0.004
111.289	-0.004
111.311	-0.004
111.333	-0.004
111.356	-0.004
111.378	-0.004
111.400	-0.004
111.422	-0.004
111.444	-0.004
111.467	-0.004
111.489	-0.004
111.511	-0.004
111.533	-0.004
111.556	-0.004
111.578	-0.004
111.600	-0.004
111.622	-0.004
111.644	-0.004
111.667	-0.004
111.689	-0.004
111.711	-0.004
111.733	-0.004
111.756	-0.004
111.778	-0.004
111.800	-0.004
111.822	-0.004
111.844	-0.004
111.867	-0.004
111.889	-0.004
111.911	-0.004
111.933	-0.004
111.956	-0.004
111.978	-0.004
112.000	-0.004
112.022	-0.004
112.044	-0.004
112.067	-0.004
112.089	-0.004
112.111	-0.004
112.133	-0.004
112.156	-0.004
112.178	-0.004
112.200	-0.004
112.222	-0.004
112.244	-0.004
112.267	-0.004
112.289	-0.004
112.311	-0.004
112.333	-0.004
112.356	-0.004
112.378	-0.004
112.400	-0.004
112.422	-0.004
112.444	-0.004

112.467	-0.004
112.489	-0.004
112.511	-0.004
112.533	-0.004
112.556	-0.004
112.578	-0.004
112.600	-0.004
112.622	-0.004
112.644	-0.004
112.667	-0.004
112.689	-0.004
112.711	-0.004
112.733	-0.004
112.756	-0.004
112.778	-0.004
112.800	-0.004
112.822	-0.004
112.844	-0.004
112.867	-0.004
112.889	-0.004
112.911	-0.004
112.933	-0.004
112.956	-0.004
112.978	-0.004
113.000	-0.004
113.022	-0.004
113.044	-0.004
113.067	-0.004
113.089	-0.004
113.111	-0.004
113.133	-0.004
113.156	-0.004
113.178	-0.004
113.200	-0.004
113.222	-0.004
113.244	-0.004
113.267	-0.004
113.289	-0.004
113.311	-0.004
113.333	-0.004
113.356	-0.004
113.378	-0.004
113.400	-0.004
113.422	-0.004
113.444	-0.004
113.467	-0.004
113.489	-0.004
113.511	-0.004
113.533	-0.004
113.556	-0.004
113.578	-0.004
113.600	-0.004
113.622	-0.004
113.644	-0.004
113.667	-0.004
113.689	-0.004
113.711	-0.004
113.733	-0.004
113.756	-0.004
113.778	-0.004
113.800	-0.004
113.822	-0.004
113.844	-0.004
113.867	-0.004
113.889	-0.004

113.911	-0.004
113.933	-0.004
113.956	-0.004
113.978	-0.004
114.000	-0.004
114.022	-0.004
114.044	-0.004
114.067	-0.004
114.089	-0.004
114.111	-0.004
114.133	-0.004
114.156	-0.004
114.178	-0.004
114.200	-0.004
114.222	-0.004
114.244	-0.004
114.267	-0.004
114.289	-0.004
114.311	-0.004
114.333	-0.004
114.356	-0.004
114.378	-0.004
114.400	-0.004
114.422	-0.004
114.444	-0.004
114.467	-0.004
114.489	-0.004
114.511	-0.004
114.533	-0.004
114.556	-0.004
114.578	-0.004
114.600	-0.004
114.622	-0.004
114.644	-0.004
114.667	-0.004
114.689	-0.004
114.711	-0.004
114.733	-0.004
114.756	-0.004
114.778	-0.004
114.800	-0.004
114.822	-0.004
114.844	-0.004
114.867	-0.004
114.889	-0.004
114.911	-0.004
114.933	-0.004
114.956	-0.004
114.978	-0.004
115.000	-0.004
115.022	-0.004
115.044	-0.004
115.067	-0.004
115.089	-0.004
115.111	-0.004
115.133	-0.004
115.156	-0.004
115.178	-0.004
115.200	-0.004
115.222	-0.004
115.244	-0.004
115.267	-0.004
115.289	-0.004
115.311	-0.004
115.333	-0.004

115.356	-0.004
115.378	-0.004
115.400	-0.004
115.422	-0.004
115.444	-0.004
115.467	-0.004
115.489	-0.004
115.511	-0.004
115.533	-0.004
115.556	-0.004
115.578	-0.004
115.600	-0.004
115.622	-0.004
115.644	-0.004
115.667	-0.004
115.689	-0.004
115.711	-0.004
115.733	-0.004
115.756	-0.004
115.778	-0.004
115.800	-0.004
115.822	-0.004
115.844	-0.004
115.867	-0.004
115.889	-0.004
115.911	-0.004
115.933	-0.004
115.956	-0.004
115.978	-0.004
116.000	-0.004
116.022	-0.004
116.044	-0.004
116.067	-0.004
116.089	-0.004
116.111	-0.004
116.133	-0.004
116.156	-0.004
116.178	-0.004
116.200	-0.004
116.222	-0.004
116.244	-0.004
116.267	-0.004
116.289	-0.004
116.311	-0.004
116.333	-0.004
116.356	-0.004
116.378	-0.004
116.400	-0.004
116.422	-0.004
116.444	-0.004
116.467	-0.004
116.489	-0.004
116.511	-0.004
116.533	-0.004
116.556	-0.004
116.578	-0.004
116.600	-0.004
116.622	-0.004
116.644	-0.004
116.667	-0.004
116.689	-0.004
116.711	-0.004
116.733	-0.004
116.756	-0.004
116.778	-0.004

116.800	-0.004
116.822	-0.004
116.844	-0.004
116.867	-0.004
116.889	-0.004
116.911	-0.004
116.933	-0.004
116.956	-0.004
116.978	-0.004
117.000	-0.004
117.022	-0.004
117.044	-0.004
117.067	-0.004
117.089	-0.004
117.111	-0.004
117.133	-0.004
117.156	-0.004
117.178	-0.004
117.200	-0.004
117.222	-0.004
117.244	-0.004
117.267	-0.004
117.289	-0.004
117.311	-0.004
117.333	-0.004
117.356	-0.004
117.378	-0.004
117.400	-0.004
117.422	-0.004
117.444	-0.004
117.467	-0.004
117.489	-0.004
117.511	-0.004
117.533	-0.004
117.556	-0.004
117.578	-0.004
117.600	-0.004
117.622	-0.004
117.644	-0.004
117.667	-0.004
117.689	-0.004
117.711	-0.004
117.733	-0.004
117.756	-0.004
117.778	-0.004
117.800	-0.004
117.822	-0.004
117.844	-0.004
117.867	-0.004
117.889	-0.004
117.911	-0.004
117.933	-0.004
117.956	-0.004
117.978	-0.004
118.000	-0.004
118.022	-0.004
118.044	-0.004
118.067	-0.004
118.089	-0.004
118.111	-0.004
118.133	-0.004
118.156	-0.004
118.178	-0.004
118.200	-0.004
118.222	-0.004

118.244	-0.004
118.267	-0.004
118.289	-0.004
118.311	-0.004
118.333	-0.004
118.356	-0.004
118.378	-0.004
118.400	-0.004
118.422	-0.004
118.444	-0.004
118.467	-0.004
118.489	-0.004
118.511	-0.004
118.533	-0.004
118.556	-0.004
118.578	-0.004
118.600	-0.004
118.622	-0.004
118.644	-0.004
118.667	-0.004
118.689	-0.004
118.711	-0.004
118.733	-0.004
118.756	-0.004
118.778	-0.004
118.800	-0.004
118.822	-0.004
118.844	-0.004
118.867	-0.004
118.889	-0.004
118.911	-0.004
118.933	-0.004
118.956	-0.004
118.978	-0.004
119.000	-0.004
119.022	-0.004
119.044	-0.004
119.067	-0.004
119.089	-0.004
119.111	-0.004
119.133	-0.004
119.156	-0.004
119.178	-0.004
119.200	-0.004
119.222	-0.004
119.244	-0.004
119.267	-0.004
119.289	-0.004
119.311	-0.004
119.333	-0.004
119.356	-0.004
119.378	-0.004
119.400	-0.004
119.422	-0.004
119.444	-0.004
119.467	-0.004
119.489	-0.004
119.511	-0.004
119.533	-0.004
119.556	-0.004
119.578	-0.004
119.600	-0.004
119.622	-0.004
119.644	-0.004
119.667	-0.004

119.689	-0.004
119.711	-0.004
119.733	-0.004
119.756	-0.004
119.778	-0.004
119.800	-0.004
119.822	-0.004
119.844	-0.004
119.867	-0.004
119.889	-0.004
119.911	-0.004
119.933	-0.004
119.956	-0.004
119.978	-0.004
120.000	-0.004
120.022	-0.004
120.044	-0.004
120.067	-0.004
120.089	-0.004
120.111	-0.004
120.133	-0.004
120.156	-0.004
120.178	-0.004
120.200	-0.004
120.222	-0.004
120.244	-0.004
120.267	-0.004
120.289	-0.004
120.311	-0.004
120.333	-0.004
120.356	-0.004
120.378	-0.004
120.400	-0.004
120.422	-0.004
120.444	-0.004
120.467	-0.004
120.489	-0.004
120.511	-0.004
120.533	-0.004
120.556	-0.004
120.578	-0.004
120.600	-0.004
120.622	-0.004
120.644	-0.004
120.667	-0.004
120.689	-0.004
120.711	-0.004
120.733	-0.004
120.756	-0.004
120.778	-0.004
120.800	-0.004
120.822	-0.004
120.844	-0.004
120.867	-0.004
120.889	-0.004
120.911	-0.004
120.933	-0.004
120.956	-0.004
120.978	-0.004
121.000	-0.004
121.022	-0.004
121.044	-0.004
121.067	-0.004
121.089	-0.004
121.111	-0.004

121.133	-0.004
121.156	-0.004
121.178	-0.004
121.200	-0.004
121.222	-0.004
121.244	-0.004
121.267	-0.004
121.289	-0.004
121.311	-0.004
121.333	-0.004
121.356	-0.004
121.378	-0.004
121.400	-0.004
121.422	-0.004
121.444	-0.004
121.467	-0.004
121.489	-0.004
121.511	-0.004
121.533	-0.004
121.556	-0.004
121.578	-0.004
121.600	-0.004
121.622	-0.004
121.644	-0.004
121.667	-0.004
121.689	-0.004
121.711	-0.004
121.733	-0.004
121.756	-0.004
121.778	-0.004
121.800	-0.004
121.822	-0.004
121.844	-0.004
121.867	-0.004
121.889	-0.004
121.911	-0.004
121.933	-0.004
121.956	-0.004
121.978	-0.004
122.000	-0.004
122.022	-0.004
122.044	-0.004
122.067	-0.004
122.089	-0.004
122.111	-0.004
122.133	-0.004
122.156	-0.004
122.178	-0.004
122.200	-0.004
122.222	-0.004
122.244	-0.004
122.267	-0.004
122.289	-0.004
122.311	-0.004
122.333	-0.004
122.356	-0.004
122.378	-0.004
122.400	-0.004
122.422	-0.004
122.444	-0.004
122.467	-0.004
122.489	-0.004
122.511	-0.004
122.533	-0.004
122.556	-0.004

122.578	-0.004
122.600	-0.004
122.622	-0.004
122.644	-0.004
122.667	-0.004
122.689	-0.004
122.711	-0.004
122.733	-0.004
122.756	-0.004
122.778	-0.004
122.800	-0.004
122.822	-0.004
122.844	-0.004
122.867	-0.004
122.889	-0.004
122.911	-0.004
122.933	-0.004
122.956	-0.004
122.978	-0.004
123.000	-0.004
123.022	-0.004
123.044	-0.004
123.067	-0.004
123.089	-0.004
123.111	-0.004
123.133	-0.004
123.156	-0.004
123.178	-0.004
123.200	-0.004
123.222	-0.004
123.244	-0.004
123.267	-0.004
123.289	-0.004
123.311	-0.004
123.333	-0.004
123.356	-0.004
123.378	-0.004
123.400	-0.004
123.422	-0.004
123.444	-0.004
123.467	-0.004
123.489	-0.004
123.511	-0.004
123.533	-0.004
123.556	-0.004
123.578	-0.004
123.600	-0.004
123.622	-0.004
123.644	-0.004
123.667	-0.004
123.689	-0.004
123.711	-0.004
123.733	-0.004
123.756	-0.004
123.778	-0.004
123.800	-0.004
123.822	-0.004
123.844	-0.004
123.867	-0.004
123.889	-0.004
123.911	-0.004
123.933	-0.004
123.956	-0.004
123.978	-0.004
124.000	-0.004

124.022	-0.004
124.044	-0.004
124.067	-0.004
124.089	-0.004
124.111	-0.004
124.133	-0.004
124.156	-0.004
124.178	-0.004
124.200	-0.004
124.222	-0.004
124.244	-0.004
124.267	-0.004
124.289	-0.004
124.311	-0.004
124.333	-0.004
124.356	-0.004
124.378	-0.004
124.400	-0.004
124.422	-0.004
124.444	-0.004
124.467	-0.004
124.489	-0.004
124.511	-0.004
124.533	-0.004
124.556	-0.004
124.578	-0.004
124.600	-0.004
124.622	-0.004
124.644	-0.004
124.667	-0.004
124.689	-0.004
124.711	-0.004
124.733	-0.004
124.756	-0.004
124.778	-0.004
124.800	-0.004
124.822	-0.004
124.844	-0.004
124.867	-0.004
124.889	-0.004
124.911	-0.004
124.933	-0.004
124.956	-0.004
124.978	-0.004
125.000	-0.004
125.022	-0.004
125.044	-0.004
125.067	-0.004
125.089	-0.004
125.111	-0.004
125.133	-0.004
125.156	-0.004
125.178	-0.004
125.200	-0.004
125.222	-0.004
125.244	-0.004
125.267	-0.004
125.289	-0.004
125.311	-0.004
125.333	-0.004
125.356	-0.004
125.378	-0.004
125.400	-0.004
125.422	-0.004
125.444	-0.004

125.467	-0.004
125.489	-0.004
125.511	-0.004
125.533	-0.004
125.556	-0.004
125.578	-0.004
125.600	-0.004
125.622	-0.004
125.644	-0.004
125.667	-0.004
125.689	-0.004
125.711	-0.004
125.733	-0.004
125.756	-0.004
125.778	-0.004
125.800	-0.004
125.822	-0.004
125.844	-0.004
125.867	-0.004
125.889	-0.004
125.911	-0.004
125.933	-0.004
125.956	-0.004
125.978	-0.004
126.000	-0.004
126.022	-0.004
126.044	-0.004
126.067	-0.004
126.089	-0.004
126.111	-0.004
126.133	-0.004
126.156	-0.004
126.178	-0.004
126.200	-0.004
126.222	-0.004
126.244	-0.004
126.267	-0.004
126.289	-0.004
126.311	-0.004
126.333	-0.004
126.356	-0.004
126.378	-0.004
126.400	-0.004
126.422	-0.004
126.444	-0.004
126.467	-0.004
126.489	-0.004
126.511	-0.004
126.533	-0.004
126.556	-0.004
126.578	-0.004
126.600	-0.004
126.622	-0.004
126.644	-0.004
126.667	-0.004
126.689	-0.004
126.711	-0.004
126.733	-0.004
126.756	-0.004
126.778	-0.004
126.800	-0.004
126.822	-0.004
126.844	-0.004
126.867	-0.004
126.889	-0.004

126.911	-0.004
126.933	-0.004
126.956	-0.004
126.978	-0.004
127.000	-0.004
127.022	-0.004
127.044	-0.004
127.067	-0.004
127.089	-0.004
127.111	-0.004
127.133	-0.004
127.156	-0.004
127.178	-0.004
127.200	-0.004
127.222	-0.004
127.244	-0.004
127.267	-0.004
127.289	-0.004
127.311	-0.004
127.333	-0.004
127.356	-0.004
127.378	-0.004
127.400	-0.004
127.422	-0.004
127.444	-0.004
127.467	-0.004
127.489	-0.004
127.511	-0.004
127.533	-0.004
127.556	-0.004
127.578	-0.004
127.600	-0.004
127.622	-0.004
127.644	-0.004
127.667	-0.004
127.689	-0.004
127.711	-0.004
127.733	-0.004
127.756	-0.004
127.778	-0.004
127.800	-0.004
127.822	-0.004
127.844	-0.004
127.867	-0.004
127.889	-0.004
127.911	-0.004
127.933	-0.004
127.956	-0.004
127.978	-0.004
128.000	-0.004
128.022	-0.004
128.044	-0.004
128.067	-0.004
128.089	-0.004
128.111	-0.004
128.133	-0.004
128.155	-0.004
128.178	-0.004
128.200	-0.004
128.222	-0.004
128.244	-0.004
128.267	-0.004
128.289	-0.004
128.311	-0.004
128.333	-0.004

128.356	-0.004
128.378	-0.004
128.400	-0.004
128.422	-0.004
128.444	-0.004
128.467	-0.004
128.489	-0.004
128.511	-0.004
128.533	-0.004
128.556	-0.004
128.578	-0.004
128.600	-0.004
128.622	-0.004
128.644	-0.004
128.667	-0.004
128.689	-0.004
128.711	-0.004
128.733	-0.004
128.756	-0.004
128.778	-0.004
128.800	-0.004
128.822	-0.004
128.845	-0.004
128.867	-0.004
128.889	-0.004
128.911	-0.004
128.933	-0.004
128.956	-0.004
128.978	-0.004
129.000	-0.004
129.022	-0.004
129.044	-0.004
129.067	-0.004
129.089	-0.004
129.111	-0.004
129.133	-0.004
129.155	-0.004
129.178	-0.004
129.200	-0.004
129.222	-0.004
129.244	-0.004
129.267	-0.004
129.289	-0.004
129.311	-0.004
129.333	-0.004
129.356	-0.004
129.378	-0.004
129.400	-0.004
129.422	-0.004
129.444	-0.004
129.467	-0.004
129.489	-0.004
129.511	-0.004
129.533	-0.004
129.556	-0.004
129.578	-0.004
129.600	-0.004
129.622	-0.004
129.644	-0.004
129.667	-0.004
129.689	-0.004
129.711	-0.004
129.733	-0.004
129.756	-0.004
129.778	-0.004

129.800	-0.004
129.822	-0.004
129.845	-0.004
129.867	-0.004
129.889	-0.004
129.911	-0.004
129.933	-0.004
129.956	-0.004
129.978	-0.004
130.000	-0.004
130.022	-0.004
130.044	-0.004
130.067	-0.004
130.089	-0.004
130.111	-0.004
130.133	-0.004
130.155	-0.004
130.178	-0.004
130.200	-0.004
130.222	-0.004
130.244	-0.004
130.267	-0.004
130.289	-0.004
130.311	-0.004
130.333	-0.004
130.356	-0.004
130.378	-0.004
130.400	-0.004
130.422	-0.004
130.444	-0.004
130.467	-0.004
130.489	-0.004
130.511	-0.004
130.533	-0.004
130.556	-0.004
130.578	-0.004
130.600	-0.004
130.622	-0.004
130.644	-0.004
130.667	-0.004
130.689	-0.004
130.711	-0.004
130.733	-0.004
130.756	-0.004
130.778	-0.004
130.800	-0.004
130.822	-0.004
130.845	-0.004
130.867	-0.004
130.889	-0.004
130.911	-0.004
130.933	-0.004
130.956	-0.004
130.978	-0.004
131.000	-0.004
131.022	-0.004
131.044	-0.004
131.067	-0.004
131.089	-0.004
131.111	-0.004
131.133	-0.004
131.155	-0.004
131.178	-0.004
131.200	-0.004
131.222	-0.004

131.244	-0.004
131.267	-0.004
131.289	-0.004
131.311	-0.004
131.333	-0.004
131.356	-0.004
131.378	-0.004
131.400	-0.004
131.422	-0.004
131.444	-0.004
131.467	-0.004
131.489	-0.004
131.511	-0.004
131.533	-0.004
131.556	-0.004
131.578	-0.004
131.600	-0.004
131.622	-0.004
131.644	-0.004
131.667	-0.004
131.689	-0.004
131.711	-0.004
131.733	-0.004
131.756	-0.004
131.778	-0.004
131.800	-0.004
131.822	-0.004
131.845	-0.004
131.867	-0.004
131.889	-0.004
131.911	-0.004
131.933	-0.004
131.956	-0.004
131.978	-0.004
132.000	-0.004
132.022	-0.004
132.044	-0.004
132.067	-0.004
132.089	-0.004
132.111	-0.004
132.133	-0.004
132.155	-0.004
132.178	-0.004
132.200	-0.004
132.222	-0.004
132.244	-0.004
132.267	-0.004
132.289	-0.004
132.311	-0.004
132.333	-0.004
132.356	-0.004
132.378	-0.004
132.400	-0.004
132.422	-0.004
132.444	-0.004
132.467	-0.004
132.489	-0.004
132.511	-0.004
132.533	-0.004
132.556	-0.004
132.578	-0.004
132.600	-0.004
132.622	-0.004
132.644	-0.004
132.667	-0.004

132.689	-0.004
132.711	-0.004
132.733	-0.004
132.756	-0.004
132.778	-0.004
132.800	-0.004
132.822	-0.004
132.845	-0.004
132.867	-0.004
132.889	-0.004
132.911	-0.004
132.933	-0.004
132.956	-0.004
132.978	-0.004
133.000	-0.004
133.022	-0.004
133.044	-0.004
133.067	-0.004
133.089	-0.004
133.111	-0.004
133.133	-0.004
133.155	-0.004
133.178	-0.004
133.200	-0.004
133.222	-0.004
133.244	-0.004
133.267	-0.004
133.289	-0.004
133.311	-0.004
133.333	-0.004
133.356	-0.004
133.378	-0.004
133.400	-0.004
133.422	-0.004
133.444	-0.004
133.467	-0.004
133.489	-0.004
133.511	-0.004
133.533	-0.004
133.556	-0.004
133.578	-0.004
133.600	-0.004
133.622	-0.004
133.644	-0.004
133.667	-0.004
133.689	-0.004
133.711	-0.004
133.733	-0.004
133.756	-0.004
133.778	-0.004
133.800	-0.004
133.822	-0.004
133.845	-0.004
133.867	-0.004
133.889	-0.004
133.911	-0.004
133.933	-0.004
133.956	-0.004
133.978	-0.004
134.000	-0.004
134.022	-0.004
134.044	-0.004
134.067	-0.004
134.089	-0.004
134.111	-0.004

134.133	-0.004
134.155	-0.004
134.178	-0.004
134.200	-0.004
134.222	-0.004
134.244	-0.004
134.267	-0.004
134.289	-0.004
134.311	-0.004
134.333	-0.004
134.356	-0.004
134.378	-0.004
134.400	-0.004
134.422	-0.004
134.444	-0.004
134.467	-0.004
134.489	-0.004
134.511	-0.004
134.533	-0.004
134.556	-0.004
134.578	-0.004
134.600	-0.004
134.622	-0.004
134.644	-0.004
134.667	-0.004
134.689	-0.004
134.711	-0.004
134.733	-0.004
134.756	-0.004
134.778	-0.004
134.800	-0.004
134.822	-0.004
134.845	-0.004
134.867	-0.004
134.889	-0.004
134.911	-0.004
134.933	-0.004
134.956	-0.004
134.978	-0.004
135.000	-0.004
135.022	-0.004
135.044	-0.004
135.067	-0.004
135.089	-0.004
135.111	-0.004
135.133	-0.004
135.155	-0.004
135.178	-0.004
135.200	-0.004
135.222	-0.004
135.244	-0.004
135.267	-0.004
135.289	-0.004
135.311	-0.004
135.333	-0.004
135.356	-0.004
135.378	-0.004
135.400	-0.004
135.422	-0.004
135.444	-0.004
135.467	-0.004
135.489	-0.004
135.511	-0.004
135.533	-0.004
135.556	-0.004

135.578	-0.004
135.600	-0.004
135.622	-0.004
135.644	-0.004
135.667	-0.004
135.689	-0.004
135.711	-0.004
135.733	-0.004
135.756	-0.004
135.778	-0.004
135.800	-0.004
135.822	-0.004
135.845	-0.004
135.867	-0.004
135.889	-0.004
135.911	-0.004
135.933	-0.004
135.956	-0.004
135.978	-0.004
136.000	-0.004
136.022	-0.004
136.044	-0.004
136.067	-0.004
136.089	-0.004
136.111	-0.004
136.133	-0.004
136.155	-0.004
136.178	-0.004
136.200	-0.004
136.222	-0.004
136.244	-0.004
136.267	-0.004
136.289	-0.004
136.311	-0.004
136.333	-0.004
136.356	-0.004
136.378	-0.004
136.400	-0.004
136.422	-0.004
136.444	-0.004
136.467	-0.004
136.489	-0.004
136.511	-0.004
136.533	-0.004
136.556	-0.004
136.578	-0.004
136.600	-0.004
136.622	-0.004
136.644	-0.004
136.667	-0.004
136.689	-0.004
136.711	-0.004
136.733	-0.004
136.756	-0.004
136.778	-0.004
136.800	-0.004
136.822	-0.004
136.845	-0.004
136.867	-0.004
136.889	-0.004
136.911	-0.004
136.933	-0.004
136.956	-0.004
136.978	-0.004
137.000	-0.004

137.022	-0.004
137.044	-0.004
137.067	-0.004
137.089	-0.004
137.111	-0.004
137.133	-0.004
137.155	-0.004
137.178	-0.004
137.200	-0.004
137.222	-0.004
137.244	-0.004
137.267	-0.004
137.289	-0.004
137.311	-0.004
137.333	-0.004
137.356	-0.004
137.378	-0.004
137.400	-0.004
137.422	-0.004
137.444	-0.004
137.467	-0.004
137.489	-0.004
137.511	-0.004
137.533	-0.004
137.556	-0.004
137.578	-0.004
137.600	-0.004
137.622	-0.004
137.644	-0.004
137.667	-0.004
137.689	-0.004
137.711	-0.004
137.733	-0.004
137.756	-0.004
137.778	-0.004
137.800	-0.004
137.822	-0.004
137.845	-0.004
137.867	-0.004
137.889	-0.004
137.911	-0.004
137.933	-0.004
137.956	-0.004
137.978	-0.004
138.000	-0.004
138.022	-0.004
138.044	-0.004
138.067	-0.004
138.089	-0.004
138.111	-0.004
138.133	-0.004
138.155	-0.004
138.178	-0.004
138.200	-0.004
138.222	-0.004
138.244	-0.004
138.267	-0.004
138.289	-0.004
138.311	-0.004
138.333	-0.004
138.356	-0.004
138.378	-0.004
138.400	-0.004
138.422	-0.004
138.444	-0.004

138.467	-0.004
138.489	-0.004
138.511	-0.004
138.533	-0.004
138.556	-0.004
138.578	-0.004
138.600	-0.004
138.622	-0.004
138.644	-0.004
138.667	-0.004
138.689	-0.004
138.711	-0.004
138.733	-0.004
138.756	-0.004
138.778	-0.004
138.800	-0.004
138.822	-0.004
138.845	-0.004
138.867	-0.004
138.889	-0.004
138.911	-0.004
138.933	-0.004
138.956	-0.004
138.978	-0.004
139.000	-0.004
139.022	-0.004
139.044	-0.004
139.067	-0.004
139.089	-0.004
139.111	-0.004
139.133	-0.004
139.155	-0.004
139.178	-0.004
139.200	-0.004
139.222	-0.004
139.244	-0.004
139.267	-0.004
139.289	-0.004
139.311	-0.004
139.333	-0.004
139.356	-0.004
139.378	-0.004
139.400	-0.004
139.422	-0.004
139.444	-0.004
139.467	-0.004
139.489	-0.004
139.511	-0.004
139.533	-0.004
139.556	-0.004
139.578	-0.004
139.600	-0.004
139.622	-0.004
139.644	-0.004
139.667	-0.004
139.689	-0.004
139.711	-0.004
139.733	-0.004
139.756	-0.004
139.778	-0.004
139.800	-0.004
139.822	-0.004
139.845	-0.004
139.867	-0.004
139.889	-0.004

139.911	-0.004
139.933	-0.004
139.956	-0.004
139.978	-0.004
140.000	-0.004
140.022	-0.004
140.044	-0.004
140.067	-0.004
140.089	-0.004
140.111	-0.004
140.133	-0.004
140.155	-0.004
140.178	-0.004
140.200	-0.004
140.222	-0.004
140.244	-0.004
140.267	-0.004
140.289	-0.004
140.311	-0.004
140.333	-0.004
140.356	-0.004
140.378	-0.004
140.400	-0.004
140.422	-0.004
140.444	-0.004
140.467	-0.004
140.489	-0.004
140.511	-0.004
140.533	-0.004
140.556	-0.004
140.578	-0.004
140.600	-0.004
140.622	-0.004
140.644	-0.004
140.667	-0.004
140.689	-0.004
140.711	-0.004
140.733	-0.004
140.756	-0.004
140.778	-0.004
140.800	-0.004
140.822	-0.004
140.845	-0.004
140.867	-0.004
140.889	-0.004
140.911	-0.004
140.933	-0.004
140.956	-0.004
140.978	-0.004
141.000	-0.004
141.022	-0.004
141.044	-0.004
141.067	-0.004
141.089	-0.004
141.111	-0.004
141.133	-0.004
141.155	-0.004
141.178	-0.004
141.200	-0.004
141.222	-0.004
141.244	-0.004
141.267	-0.004
141.289	-0.004
141.311	-0.004
141.333	-0.004

141.356	-0.004
141.378	-0.004
141.400	-0.004
141.422	-0.004
141.444	-0.004
141.467	-0.004
141.489	-0.004
141.511	-0.004
141.533	-0.004
141.556	-0.004
141.578	-0.004
141.600	-0.004
141.622	-0.004
141.644	-0.004
141.667	-0.004
141.689	-0.004
141.711	-0.004
141.733	-0.004
141.756	-0.004
141.778	-0.004
141.800	-0.004
141.822	-0.004
141.845	-0.004
141.867	-0.004
141.889	-0.004
141.911	-0.004
141.933	-0.004
141.956	-0.004
141.978	-0.004
142.000	-0.004
142.022	-0.004
142.044	-0.004
142.067	-0.004
142.089	-0.004
142.111	-0.004
142.133	-0.004
142.155	-0.004
142.178	-0.004
142.200	-0.004
142.222	-0.004
142.244	-0.004
142.267	-0.004
142.289	-0.004
142.311	-0.004
142.333	-0.004
142.356	-0.004
142.378	-0.004
142.400	-0.004
142.422	-0.004
142.444	-0.004
142.467	-0.004
142.489	-0.004
142.511	-0.004
142.533	-0.004
142.556	-0.004
142.578	-0.004
142.600	-0.004
142.622	-0.004
142.644	-0.004
142.667	-0.004
142.689	-0.004
142.711	-0.004
142.733	-0.004
142.756	-0.004
142.778	-0.004

142.800	-0.004
142.822	-0.004
142.845	-0.004
142.867	-0.004
142.889	-0.004
142.911	-0.004
142.933	-0.004
142.956	-0.004
142.978	-0.004
143.000	-0.004
143.022	-0.004
143.044	-0.004
143.067	-0.004
143.089	-0.004
143.111	-0.004
143.133	-0.004
143.155	-0.004
143.178	-0.004
143.200	-0.004
143.222	-0.004
143.244	-0.004
143.267	-0.004
143.289	-0.004
143.311	-0.004
143.333	-0.004
143.356	-0.004
143.378	-0.004
143.400	-0.004
143.422	-0.004
143.444	-0.004
143.467	-0.004
143.489	-0.004
143.511	-0.004
143.533	-0.004
143.556	-0.004
143.578	-0.004
143.600	-0.004
143.622	-0.004
143.644	-0.004
143.667	-0.004
143.689	-0.004
143.711	-0.004
143.733	-0.004
143.756	-0.004
143.778	-0.004
143.800	-0.004
143.822	-0.004
143.845	-0.004
143.867	-0.004
143.889	-0.004
143.911	-0.004
143.933	-0.004
143.956	-0.004
143.978	-0.004
144.000	-0.004
144.022	-0.004
144.044	-0.004
144.067	-0.004
144.089	-0.004
144.111	-0.004
144.133	-0.004
144.155	-0.004
144.178	-0.004
144.200	-0.004
144.222	-0.004

144.244	-0.004
144.267	-0.004
144.289	-0.004
144.311	-0.004
144.333	-0.004
144.356	-0.004
144.378	-0.004
144.400	-0.004
144.422	-0.004
144.444	-0.004
144.467	-0.004
144.489	-0.004
144.511	-0.004
144.533	-0.004
144.556	-0.004
144.578	-0.004
144.600	-0.004
144.622	-0.004
144.644	-0.004
144.667	-0.004
144.689	-0.004
144.711	-0.004
144.733	-0.004
144.756	-0.004
144.778	-0.004
144.800	-0.004
144.822	-0.004
144.845	-0.004
144.867	-0.004
144.889	-0.004
144.911	-0.004
144.933	-0.004
144.956	-0.004
144.978	-0.004
145.000	-0.004
145.022	-0.004
145.044	-0.004
145.067	-0.004
145.089	-0.004
145.111	-0.004
145.133	-0.004
145.155	-0.004
145.178	-0.004
145.200	-0.004
145.222	-0.004
145.244	-0.004
145.267	-0.004
145.289	-0.004
145.311	-0.004
145.333	-0.004
145.356	-0.004
145.378	-0.004
145.400	-0.004
145.422	-0.004
145.444	-0.004
145.467	-0.004
145.489	-0.004
145.511	-0.004
145.533	-0.004
145.556	-0.004
145.578	-0.004
145.600	-0.004
145.622	-0.004
145.644	-0.004
145.667	-0.004

145.689	-0.004
145.711	-0.004
145.733	-0.004
145.756	-0.004
145.778	-0.004
145.800	-0.004
145.822	-0.004
145.845	-0.004
145.867	-0.004
145.889	-0.004
145.911	-0.004
145.933	-0.004
145.956	-0.004
145.978	-0.004
146.000	-0.004
146.022	-0.004
146.044	-0.004
146.067	-0.004
146.089	-0.004
146.111	-0.004
146.133	-0.004
146.155	-0.004
146.178	-0.004
146.200	-0.004
146.222	-0.004
146.244	-0.004
146.267	-0.004
146.289	-0.004
146.311	-0.004
146.333	-0.004
146.356	-0.004
146.378	-0.004
146.400	-0.004
146.422	-0.004
146.444	-0.004
146.467	-0.004
146.489	-0.004
146.511	-0.004
146.533	-0.004
146.556	-0.004
146.578	-0.004
146.600	-0.004
146.622	-0.004
146.644	-0.004
146.667	-0.004
146.689	-0.004
146.711	-0.004
146.733	-0.004
146.756	-0.004
146.778	-0.004
146.800	-0.004
146.822	-0.004
146.845	-0.004
146.867	-0.004
146.889	-0.005
146.911	-0.005
146.933	-0.005
146.956	-0.005
146.978	-0.005
147.000	-0.005
147.022	-0.005
147.044	-0.005
147.067	-0.005
147.089	-0.005
147.111	-0.005

147.133	-0.005
147.155	-0.005
147.178	-0.005
147.200	-0.005
147.222	-0.005
147.244	-0.005
147.267	-0.005
147.289	-0.005
147.311	-0.005
147.333	-0.005
147.356	-0.005
147.378	-0.005
147.400	-0.005
147.422	-0.005
147.444	-0.005
147.467	-0.005
147.489	-0.005
147.511	-0.005
147.533	-0.005
147.556	-0.005
147.578	-0.005
147.600	-0.005
147.622	-0.005
147.644	-0.005
147.667	-0.005
147.689	-0.005
147.711	-0.005
147.733	-0.005
147.756	-0.005
147.778	-0.005
147.800	-0.005
147.822	-0.005
147.845	-0.005
147.867	-0.005
147.889	-0.005
147.911	-0.005
147.933	-0.005
147.956	-0.005
147.978	-0.005
148.000	-0.005
148.022	-0.005
148.044	-0.005
148.067	-0.005
148.089	-0.005
148.111	-0.005
148.133	-0.005
148.155	-0.005
148.178	-0.005
148.200	-0.005
148.222	-0.005
148.244	-0.005
148.267	-0.005
148.289	-0.005
148.311	-0.005
148.333	-0.005
148.356	-0.005
148.378	-0.005
148.400	-0.005
148.422	-0.005
148.444	-0.005
148.467	-0.005
148.489	-0.005
148.511	-0.005
148.533	-0.005
148.556	-0.005

148.578	-0.005
148.600	-0.005
148.622	-0.005
148.644	-0.005
148.667	-0.005
148.689	-0.005
148.711	-0.005
148.733	-0.005
148.756	-0.005
148.778	-0.005
148.800	-0.005
148.822	-0.005
148.845	-0.005
148.867	-0.005
148.889	-0.005
148.911	-0.005
148.933	-0.005
148.956	-0.005
148.978	-0.005
149.000	-0.005
149.022	-0.005
149.044	-0.005
149.067	-0.005
149.089	-0.005
149.111	-0.005
149.133	-0.005
149.155	-0.005
149.178	-0.005
149.200	-0.005
149.222	-0.005
149.244	-0.005
149.267	-0.005
149.289	-0.005
149.311	-0.005
149.333	-0.005
149.356	-0.005
149.378	-0.005
149.400	-0.005
149.422	-0.005
149.444	-0.005
149.467	-0.005
149.489	-0.005
149.511	-0.005
149.533	-0.005
149.556	-0.005
149.578	-0.005
149.600	-0.005
149.622	-0.005
149.644	-0.005
149.667	-0.005
149.689	-0.005
149.711	-0.005
149.733	-0.005
149.756	-0.005
149.778	-0.005
149.800	-0.005
149.822	-0.005
149.845	-0.005
149.867	-0.005
149.889	-0.005
149.911	-0.005
149.933	-0.005
149.956	-0.005
149.978	-0.005
150.000	-0.005

150.022	-0.005
150.044	-0.005
150.067	-0.005
150.089	-0.005
150.111	-0.005
150.133	-0.005
150.155	-0.005
150.178	-0.005
150.200	-0.005
150.222	-0.005
150.244	-0.005
150.267	-0.005
150.289	-0.005
150.311	-0.005
150.333	-0.005
150.356	-0.005
150.378	-0.005
150.400	-0.005
150.422	-0.005
150.444	-0.005
150.467	-0.005
150.489	-0.005
150.511	-0.005
150.533	-0.005
150.556	-0.005
150.578	-0.005
150.600	-0.005
150.622	-0.005
150.644	-0.005
150.667	-0.005
150.689	-0.005
150.711	-0.005
150.733	-0.005
150.756	-0.005
150.778	-0.005
150.800	-0.005
150.822	-0.005
150.845	-0.005
150.867	-0.005
150.889	-0.005
150.911	-0.005
150.933	-0.005
150.956	-0.005
150.978	-0.005
151.000	-0.005
151.022	-0.005
151.044	-0.005
151.067	-0.005
151.089	-0.005
151.111	-0.005
151.133	-0.005
151.155	-0.005
151.178	-0.005
151.200	-0.005
151.222	-0.005
151.244	-0.005
151.267	-0.005
151.289	-0.005
151.311	-0.005
151.333	-0.005
151.356	-0.005
151.378	-0.005
151.400	-0.005
151.422	-0.005
151.444	-0.005

151.467	-0.005
151.489	-0.005
151.511	-0.005
151.533	-0.005
151.556	-0.005
151.578	-0.005
151.600	-0.005
151.622	-0.005
151.644	-0.005
151.667	-0.005
151.689	-0.005
151.711	-0.005
151.733	-0.005
151.756	-0.005
151.778	-0.005
151.800	-0.005
151.822	-0.005
151.845	-0.005
151.867	-0.005
151.889	-0.005
151.911	-0.005
151.933	-0.005
151.956	-0.005
151.978	-0.005
152.000	-0.005
152.022	-0.005
152.044	-0.005
152.067	-0.005
152.089	-0.005
152.111	-0.005
152.133	-0.005
152.155	-0.005
152.178	-0.005
152.200	-0.005
152.222	-0.005
152.244	-0.005
152.267	-0.005
152.289	-0.005
152.311	-0.005
152.333	-0.005
152.356	-0.005
152.378	-0.005
152.400	-0.005
152.422	-0.005
152.444	-0.005
152.467	-0.005
152.489	-0.005
152.511	-0.005
152.533	-0.005
152.556	-0.005
152.578	-0.005
152.600	-0.005
152.622	-0.005
152.644	-0.005
152.667	-0.005
152.689	-0.005
152.711	-0.005
152.733	-0.005
152.756	-0.005
152.778	-0.005
152.800	-0.005
152.822	-0.005
152.845	-0.005
152.867	-0.005
152.889	-0.005

152.911	-0.005
152.933	-0.005
152.956	-0.005
152.978	-0.005
153.000	-0.005
153.022	-0.005
153.044	-0.005
153.067	-0.005
153.089	-0.005
153.111	-0.005
153.133	-0.005
153.155	-0.005
153.178	-0.005
153.200	-0.005
153.222	-0.005
153.244	-0.005
153.267	-0.005
153.289	-0.005
153.311	-0.005
153.333	-0.005
153.356	-0.005
153.378	-0.005
153.400	-0.005
153.422	-0.005
153.444	-0.005
153.467	-0.005
153.489	-0.005
153.511	-0.005
153.533	-0.005
153.556	-0.005
153.578	-0.005
153.600	-0.005
153.622	-0.005
153.644	-0.005
153.667	-0.005
153.689	-0.005
153.711	-0.005
153.733	-0.005
153.756	-0.005
153.778	-0.005
153.800	-0.005
153.822	-0.005
153.845	-0.005
153.867	-0.005
153.889	-0.005
153.911	-0.005
153.933	-0.005
153.956	-0.005
153.978	-0.005
154.000	-0.005
154.022	-0.005
154.044	-0.005
154.067	-0.005
154.089	-0.005
154.111	-0.005
154.133	-0.005
154.155	-0.005
154.178	-0.005
154.200	-0.005
154.222	-0.005
154.244	-0.005
154.267	-0.005
154.289	-0.005
154.311	-0.005
154.333	-0.005

154.356	-0.005
154.378	-0.005
154.400	-0.005
154.422	-0.005
154.444	-0.005
154.467	-0.005
154.489	-0.005
154.511	-0.005
154.533	-0.005
154.556	-0.005
154.578	-0.005
154.600	-0.005
154.622	-0.005
154.644	-0.005
154.667	-0.005
154.689	-0.005
154.711	-0.005
154.733	-0.005
154.756	-0.005
154.778	-0.005
154.800	-0.005
154.822	-0.005
154.845	-0.005
154.867	-0.005
154.889	-0.005
154.911	-0.005
154.933	-0.005
154.956	-0.005
154.978	-0.005
155.000	-0.005
155.022	-0.005
155.044	-0.005
155.067	-0.005
155.089	-0.005
155.111	-0.005
155.133	-0.005
155.155	-0.005
155.178	-0.005
155.200	-0.005
155.222	-0.005
155.244	-0.005
155.267	-0.005
155.289	-0.005
155.311	-0.005
155.333	-0.005
155.356	-0.005
155.378	-0.005
155.400	-0.005
155.422	-0.005
155.444	-0.005
155.467	-0.005
155.489	-0.005
155.511	-0.005
155.533	-0.005
155.556	-0.005
155.578	-0.005
155.600	-0.005
155.622	-0.005
155.644	-0.005
155.667	-0.005
155.689	-0.005
155.711	-0.005
155.733	-0.005
155.756	-0.005
155.778	-0.005

155.800	-0.005
155.822	-0.005
155.845	-0.005
155.867	-0.005
155.889	-0.005
155.911	-0.005
155.933	-0.005
155.956	-0.005
155.978	-0.005
156.000	-0.005
156.022	-0.005
156.044	-0.005
156.067	-0.005
156.089	-0.005
156.111	-0.005
156.133	-0.005
156.155	-0.005
156.178	-0.005
156.200	-0.005
156.222	-0.005
156.244	-0.005
156.267	-0.005
156.289	-0.005
156.311	-0.005
156.333	-0.005
156.356	-0.005
156.378	-0.005
156.400	-0.005
156.422	-0.005
156.444	-0.005
156.467	-0.005
156.489	-0.005
156.511	-0.005
156.533	-0.005
156.556	-0.005
156.578	-0.005
156.600	-0.005
156.622	-0.005
156.644	-0.005
156.667	-0.005
156.689	-0.005
156.711	-0.005
156.733	-0.005
156.756	-0.005
156.778	-0.005
156.800	-0.005
156.822	-0.005
156.845	-0.005
156.867	-0.005
156.889	-0.005
156.911	-0.005
156.933	-0.005
156.956	-0.005
156.978	-0.005
157.000	-0.005
157.022	-0.005
157.044	-0.005
157.067	-0.005
157.089	-0.005
157.111	-0.005
157.133	-0.005
157.155	-0.005
157.178	-0.005
157.200	-0.005
157.222	-0.005

157.244	-0.005
157.267	-0.005
157.289	-0.005
157.311	-0.005
157.333	-0.005
157.356	-0.005
157.378	-0.005
157.400	-0.005
157.422	-0.005
157.444	-0.005
157.467	-0.005
157.489	-0.005
157.511	-0.005
157.533	-0.005
157.556	-0.005
157.578	-0.005
157.600	-0.005
157.622	-0.005
157.644	-0.005
157.667	-0.005
157.689	-0.005
157.711	-0.005
157.733	-0.005
157.756	-0.005
157.778	-0.005
157.800	-0.005
157.822	-0.005
157.845	-0.005
157.867	-0.005
157.889	-0.005
157.911	-0.005
157.933	-0.005
157.956	-0.005
157.978	-0.005
158.000	-0.005
158.022	-0.005
158.044	-0.005
158.067	-0.005
158.089	-0.005
158.111	-0.005
158.133	-0.005
158.155	-0.005
158.178	-0.005
158.200	-0.005
158.222	-0.005
158.244	-0.005
158.267	-0.005
158.289	-0.005
158.311	-0.005
158.333	-0.005
158.356	-0.005
158.378	-0.005
158.400	-0.005
158.422	-0.005
158.444	-0.005
158.467	-0.005
158.489	-0.005
158.511	-0.005
158.533	-0.005
158.556	-0.005
158.578	-0.005
158.600	-0.005
158.622	-0.005
158.644	-0.005
158.667	-0.005

158.689	-0.005
158.711	-0.005
158.733	-0.005
158.756	-0.005
158.778	-0.005
158.800	-0.005
158.822	-0.005
158.845	-0.005
158.867	-0.005
158.889	-0.005
158.911	-0.005
158.933	-0.005
158.956	-0.005
158.978	-0.005
159.000	-0.005
159.022	-0.005
159.044	-0.005
159.067	-0.005
159.089	-0.005
159.111	-0.005
159.133	-0.005
159.155	-0.005
159.178	-0.005
159.200	-0.005
159.222	-0.005
159.244	-0.005
159.267	-0.005
159.289	-0.005
159.311	-0.005
159.333	-0.005
159.356	-0.005
159.378	-0.005
159.400	-0.005
159.422	-0.005
159.444	-0.005
159.467	-0.005
159.489	-0.005
159.511	-0.005
159.533	-0.005
159.556	-0.005
159.578	-0.005
159.600	-0.005
159.622	-0.005
159.644	-0.005
159.667	-0.005
159.689	-0.005
159.711	-0.005
159.733	-0.005
159.756	-0.005
159.778	-0.005
159.800	-0.005
159.822	-0.005
159.845	-0.005
159.867	-0.005
159.889	-0.005
159.911	-0.005
159.933	-0.005
159.956	-0.005
159.978	-0.005
160.000	-0.005
160.022	-0.005
160.044	-0.005
160.067	-0.005
160.089	-0.005
160.111	-0.005

160.133	-0.005
160.155	-0.005
160.178	-0.005
160.200	-0.005
160.222	-0.005
160.244	-0.005
160.267	-0.005
160.289	-0.005
160.311	-0.005
160.333	-0.005
160.356	-0.005
160.378	-0.005
160.400	-0.005
160.422	-0.005
160.444	-0.005
160.467	-0.005
160.489	-0.005
160.511	-0.005
160.533	-0.005
160.556	-0.005
160.578	-0.005
160.600	-0.005
160.622	-0.005
160.644	-0.005
160.667	-0.005
160.689	-0.005
160.711	-0.005
160.733	-0.005
160.756	-0.005
160.778	-0.005
160.800	-0.005
160.822	-0.005
160.845	-0.005
160.867	-0.005
160.889	-0.005
160.911	-0.005
160.933	-0.005
160.956	-0.005
160.978	-0.005
161.000	-0.005
161.022	-0.005
161.044	-0.005
161.067	-0.005
161.089	-0.005
161.111	-0.005
161.133	-0.005
161.155	-0.005
161.178	-0.005
161.200	-0.005
161.222	-0.005
161.244	-0.005
161.267	-0.005
161.289	-0.005
161.311	-0.005
161.333	-0.005
161.356	-0.005
161.378	-0.005
161.400	-0.005
161.422	-0.005
161.444	-0.005
161.467	-0.005
161.489	-0.005
161.511	-0.005
161.533	-0.005
161.556	-0.005

161.578	-0.005
161.600	-0.005
161.622	-0.005
161.644	-0.005
161.667	-0.005
161.689	-0.005
161.711	-0.005
161.733	-0.005
161.756	-0.005
161.778	-0.005
161.800	-0.005
161.822	-0.005
161.845	-0.005
161.867	-0.005
161.889	-0.005
161.911	-0.005
161.933	-0.005
161.956	-0.005
161.978	-0.005
162.000	-0.005
162.022	-0.005
162.044	-0.005
162.067	-0.005
162.089	-0.005
162.111	-0.005
162.133	-0.005
162.155	-0.005
162.178	-0.005
162.200	-0.005
162.222	-0.005
162.244	-0.005
162.267	-0.005
162.289	-0.005
162.311	-0.005
162.333	-0.005
162.356	-0.005
162.378	-0.005
162.400	-0.005
162.422	-0.005
162.444	-0.005
162.467	-0.005
162.489	-0.005
162.511	-0.005
162.533	-0.005
162.556	-0.005
162.578	-0.005
162.600	-0.005
162.622	-0.005
162.644	-0.005
162.667	-0.005
162.689	-0.005
162.711	-0.005
162.733	-0.005
162.756	-0.005
162.778	-0.005
162.800	-0.005
162.822	-0.005
162.845	-0.005
162.867	-0.005
162.889	-0.005
162.911	-0.005
162.933	-0.005
162.956	-0.005
162.978	-0.005
163.000	-0.005

163.022	-0.005
163.044	-0.005
163.067	-0.005
163.089	-0.005
163.111	-0.005
163.133	-0.005
163.155	-0.005
163.178	-0.005
163.200	-0.005
163.222	-0.005
163.244	-0.005
163.267	-0.005
163.289	-0.005
163.311	-0.005
163.333	-0.005
163.356	-0.005
163.378	-0.005
163.400	-0.005
163.422	-0.005
163.444	-0.005
163.467	-0.005
163.489	-0.005
163.511	-0.005
163.533	-0.005
163.556	-0.005
163.578	-0.005
163.600	-0.005
163.622	-0.005
163.644	-0.005
163.667	-0.005
163.689	-0.005
163.711	-0.005
163.733	-0.005
163.756	-0.005
163.778	-0.005
163.800	-0.005
163.822	-0.005
163.845	-0.005
163.867	-0.005
163.889	-0.005
163.911	-0.005
163.933	-0.005
163.956	-0.005
163.978	-0.005
164.000	-0.005
164.022	-0.005
164.044	-0.005
164.067	-0.005
164.089	-0.005
164.111	-0.005
164.133	-0.005
164.155	-0.005
164.178	-0.005
164.200	-0.005
164.222	-0.005
164.244	-0.005
164.267	-0.005
164.289	-0.005
164.311	-0.005
164.333	-0.005
164.356	-0.005
164.378	-0.005
164.400	-0.005
164.422	-0.005
164.444	-0.005

164.467	-0.005
164.489	-0.005
164.511	-0.005
164.533	-0.005
164.556	-0.005
164.578	-0.005
164.600	-0.005
164.622	-0.005
164.644	-0.005
164.667	-0.005
164.689	-0.005
164.711	-0.005
164.733	-0.005
164.756	-0.005
164.778	-0.005
164.800	-0.005
164.822	-0.005
164.845	-0.005
164.867	-0.005
164.889	-0.005
164.911	-0.005
164.933	-0.005
164.956	-0.005
164.978	-0.005
165.000	-0.005
165.022	-0.005
165.044	-0.005
165.067	-0.005
165.089	-0.005
165.111	-0.005
165.133	-0.005
165.155	-0.005
165.178	-0.005
165.200	-0.005
165.222	-0.005
165.244	-0.005
165.267	-0.005
165.289	-0.005
165.311	-0.005
165.333	-0.005
165.356	-0.005
165.378	-0.005
165.400	-0.005
165.422	-0.005
165.444	-0.005
165.467	-0.005
165.489	-0.005
165.511	-0.005
165.533	-0.005
165.556	-0.005
165.578	-0.005
165.600	-0.005
165.622	-0.005
165.644	-0.005
165.667	-0.005
165.689	-0.005
165.711	-0.005
165.733	-0.005
165.756	-0.005
165.778	-0.005
165.800	-0.005
165.822	-0.005
165.845	-0.005
165.867	-0.005
165.889	-0.005

165.911	-0.005
165.933	-0.005
165.956	-0.005
165.978	-0.005
166.000	-0.005
166.022	-0.005
166.044	-0.005
166.067	-0.005
166.089	-0.005
166.111	-0.005
166.133	-0.005
166.155	-0.005
166.178	-0.005
166.200	-0.005
166.222	-0.005
166.244	-0.005
166.267	-0.005
166.289	-0.005
166.311	-0.005
166.333	-0.005
166.356	-0.005
166.378	-0.005
166.400	-0.005
166.422	-0.005
166.444	-0.005
166.467	-0.005
166.489	-0.005
166.511	-0.005
166.533	-0.005
166.556	-0.005
166.578	-0.005
166.600	-0.005
166.622	-0.005
166.644	-0.005
166.667	-0.005
166.689	-0.005
166.711	-0.005
166.733	-0.005
166.756	-0.005
166.778	-0.005
166.800	-0.005
166.822	-0.005
166.845	-0.005
166.867	-0.005
166.889	-0.005
166.911	-0.005
166.933	-0.005
166.956	-0.005
166.978	-0.005
167.000	-0.005
167.022	-0.005
167.044	-0.005
167.067	-0.005
167.089	-0.005
167.111	-0.005
167.133	-0.005
167.155	-0.005
167.178	-0.005
167.200	-0.005
167.222	-0.005
167.244	-0.005
167.267	-0.005
167.289	-0.005
167.311	-0.005
167.333	-0.005

167.356	-0.005
167.378	-0.005
167.400	-0.005
167.422	-0.005
167.444	-0.005
167.467	-0.005
167.489	-0.005
167.511	-0.005
167.533	-0.005
167.556	-0.005
167.578	-0.005
167.600	-0.005
167.622	-0.005
167.644	-0.005
167.667	-0.005
167.689	-0.005
167.711	-0.005
167.733	-0.005
167.756	-0.005
167.778	-0.005
167.800	-0.005
167.822	-0.005
167.845	-0.005
167.867	-0.005
167.889	-0.005
167.911	-0.005
167.933	-0.005
167.956	-0.005
167.978	-0.005
168.000	-0.005
168.022	-0.005
168.044	-0.005
168.067	-0.005
168.089	-0.005
168.111	-0.005
168.133	-0.005
168.155	-0.005
168.178	-0.005
168.200	-0.005
168.222	-0.005
168.244	-0.005
168.267	-0.005
168.289	-0.005
168.311	-0.005
168.333	-0.006
168.356	-0.006
168.378	-0.006
168.400	-0.006
168.422	-0.006
168.444	-0.006
168.467	-0.006
168.489	-0.006
168.511	-0.006
168.533	-0.006
168.556	-0.006
168.578	-0.006
168.600	-0.006
168.622	-0.005
168.644	-0.005
168.667	-0.005
168.689	-0.005
168.711	-0.005
168.733	-0.005
168.756	-0.005
168.778	-0.005

168.800	-0.005
168.822	-0.005
168.845	-0.005
168.867	-0.005
168.889	-0.005
168.911	-0.005
168.933	-0.005
168.956	-0.005
168.978	-0.005
169.000	-0.005
169.022	-0.005
169.044	-0.005
169.067	-0.005
169.089	-0.005
169.111	-0.005
169.133	-0.005
169.155	-0.005
169.178	-0.005
169.200	-0.005
169.222	-0.005
169.244	-0.005
169.267	-0.005
169.289	-0.005
169.311	-0.005
169.333	-0.005
169.356	-0.005
169.378	-0.005
169.400	-0.005
169.422	-0.005
169.444	-0.005
169.467	-0.005
169.489	-0.005
169.511	-0.005
169.533	-0.005
169.556	-0.005
169.578	-0.005
169.600	-0.005
169.622	-0.005
169.644	-0.005
169.667	-0.005
169.689	-0.005
169.711	-0.005
169.733	-0.005
169.756	-0.005
169.778	-0.005
169.800	-0.005
169.822	-0.005
169.845	-0.005
169.867	-0.005
169.889	-0.005
169.911	-0.005
169.933	-0.005
169.956	-0.005
169.978	-0.005
170.000	-0.005
170.022	-0.005
170.044	-0.005
170.067	-0.005
170.089	-0.005
170.111	-0.005
170.133	-0.005
170.155	-0.005
170.178	-0.005
170.200	-0.005
170.222	-0.005

170.244	-0.005
170.267	-0.005
170.289	-0.005
170.311	-0.005
170.333	-0.005
170.356	-0.005
170.378	-0.005
170.400	-0.005
170.422	-0.005
170.444	-0.005
170.467	-0.005
170.489	-0.005
170.511	-0.005
170.533	-0.005
170.556	-0.005
170.578	-0.005
170.600	-0.005
170.622	-0.005
170.644	-0.005
170.667	-0.005
170.689	-0.005
170.711	-0.005
170.733	-0.005
170.756	-0.005
170.778	-0.005
170.800	-0.005
170.822	-0.005
170.845	-0.005
170.867	-0.005
170.889	-0.005
170.911	-0.005
170.933	-0.005
170.956	-0.005
170.978	-0.005
171.000	-0.005
171.022	-0.005
171.044	-0.005
171.067	-0.005
171.089	-0.005
171.111	-0.005
171.133	-0.005
171.155	-0.005
171.178	-0.005
171.200	-0.005
171.222	-0.005
171.244	-0.005
171.267	-0.005
171.289	-0.005
171.311	-0.005
171.333	-0.005
171.356	-0.005
171.378	-0.005
171.400	-0.005
171.422	-0.005
171.444	-0.005
171.467	-0.005
171.489	-0.005
171.511	-0.005
171.533	-0.005
171.556	-0.005
171.578	-0.005
171.600	-0.005
171.622	-0.005
171.644	-0.005
171.667	-0.005

171.689	-0.005
171.711	-0.005
171.733	-0.005
171.756	-0.005
171.778	-0.005
171.800	-0.005
171.822	-0.005
171.845	-0.005
171.867	-0.005
171.889	-0.005
171.911	-0.005
171.933	-0.005
171.956	-0.005
171.978	-0.005
172.000	-0.005
172.022	-0.005
172.044	-0.005
172.067	-0.005
172.089	-0.005
172.111	-0.005
172.133	-0.005
172.155	-0.005
172.178	-0.005
172.200	-0.005
172.222	-0.005
172.244	-0.005
172.267	-0.005
172.289	-0.005
172.311	-0.005
172.333	-0.005
172.356	-0.005
172.378	-0.005
172.400	-0.005
172.422	-0.005
172.444	-0.005
172.467	-0.005
172.489	-0.005
172.511	-0.005
172.533	-0.005
172.556	-0.005
172.578	-0.005
172.600	-0.005
172.622	-0.005
172.644	-0.005
172.667	-0.005
172.689	-0.005
172.711	-0.005
172.733	-0.005
172.756	-0.005
172.778	-0.005
172.800	-0.005
172.822	-0.005
172.845	-0.005
172.867	-0.005
172.889	-0.005
172.911	-0.005
172.933	-0.005
172.956	-0.005
172.978	-0.005
173.000	-0.005
173.022	-0.005
173.044	-0.005
173.067	-0.005
173.089	-0.005
173.111	-0.005

173.133	-0.005
173.155	-0.005
173.178	-0.005
173.200	-0.005
173.222	-0.005
173.244	-0.005
173.267	-0.005
173.289	-0.005
173.311	-0.005
173.333	-0.005
173.356	-0.005
173.378	-0.005
173.400	-0.005
173.422	-0.005
173.444	-0.005
173.467	-0.005
173.489	-0.005
173.511	-0.005
173.533	-0.005
173.556	-0.005
173.578	-0.005
173.600	-0.005
173.622	-0.005
173.644	-0.005
173.667	-0.005
173.689	-0.005
173.711	-0.005
173.733	-0.005
173.756	-0.005
173.778	-0.005
173.800	-0.005
173.822	-0.005
173.845	-0.005
173.867	-0.005
173.889	-0.005
173.911	-0.005
173.933	-0.005
173.956	-0.005
173.978	-0.005
174.000	-0.005
174.022	-0.005
174.044	-0.005
174.067	-0.005
174.089	-0.005
174.111	-0.005
174.133	-0.005
174.155	-0.005
174.178	-0.005
174.200	-0.005
174.222	-0.005
174.244	-0.005
174.267	-0.005
174.289	-0.005
174.311	-0.005
174.333	-0.005
174.356	-0.005
174.378	-0.005
174.400	-0.005
174.422	-0.005
174.444	-0.005
174.467	-0.005
174.489	-0.005
174.511	-0.005
174.533	-0.005
174.556	-0.005

174.578	-0.005
174.600	-0.005
174.622	-0.005
174.644	-0.005
174.667	-0.005
174.689	-0.005
174.711	-0.005
174.733	-0.005
174.756	-0.005
174.778	-0.005
174.800	-0.005
174.822	-0.005
174.845	-0.005
174.867	-0.005
174.889	-0.005
174.911	-0.005
174.933	-0.005
174.956	-0.005
174.978	-0.005
175.000	-0.005
175.022	-0.005
175.044	-0.005
175.067	-0.005
175.089	-0.005
175.111	-0.005
175.133	-0.005
175.155	-0.005
175.178	-0.005
175.200	-0.005
175.222	-0.005
175.244	-0.005
175.267	-0.005
175.289	-0.005
175.311	-0.005
175.333	-0.005
175.356	-0.005
175.378	-0.005
175.400	-0.005
175.422	-0.005
175.444	-0.005
175.467	-0.005
175.489	-0.005
175.511	-0.005
175.533	-0.005
175.556	-0.005
175.578	-0.005
175.600	-0.005
175.622	-0.005
175.644	-0.005
175.667	-0.005
175.689	-0.005
175.711	-0.005
175.733	-0.005
175.756	-0.005
175.778	-0.005
175.800	-0.005
175.822	-0.005
175.845	-0.005
175.867	-0.005
175.889	-0.005
175.911	-0.005
175.933	-0.005
175.956	-0.005
175.978	-0.005
176.000	-0.005

176.022	-0.005
176.044	-0.005
176.067	-0.005
176.089	-0.006
176.111	-0.006
176.133	-0.006
176.155	-0.007
176.178	-0.007
176.200	-0.007
176.222	-0.008
176.244	-0.008
176.267	-0.008
176.289	-0.008
176.311	-0.008
176.333	-0.008
176.356	-0.008
176.378	-0.008
176.400	-0.008
176.422	-0.007
176.444	-0.007
176.467	-0.007
176.489	-0.007
176.511	-0.007
176.533	-0.007
176.556	-0.007
176.578	-0.007
176.600	-0.007
176.622	-0.007
176.644	-0.007
176.667	-0.007
176.689	-0.006
176.711	-0.006
176.733	-0.006
176.756	-0.006
176.778	-0.006
176.800	-0.006
176.822	-0.006
176.845	-0.006
176.867	-0.006
176.889	-0.006
176.911	-0.006
176.933	-0.006
176.956	-0.006
176.978	-0.006
177.000	-0.006
177.022	-0.006
177.044	-0.006
177.067	-0.006
177.089	-0.006
177.111	-0.006
177.133	-0.006
177.155	-0.006
177.178	-0.005
177.200	-0.005
177.222	-0.005
177.244	-0.005
177.267	-0.005
177.289	-0.005
177.311	-0.005
177.333	-0.005
177.356	-0.005
177.378	-0.005
177.400	-0.005
177.422	-0.005
177.444	-0.005

177.467	-0.005
177.489	-0.005
177.511	-0.005
177.533	-0.005
177.556	-0.005
177.578	-0.005
177.600	-0.005
177.622	-0.005
177.644	-0.005
177.667	-0.005
177.689	-0.005
177.711	-0.005
177.733	-0.005
177.756	-0.005
177.778	-0.005
177.800	-0.005
177.822	-0.005
177.845	-0.005
177.867	-0.005
177.889	-0.005
177.911	-0.005
177.933	-0.005
177.956	-0.005
177.978	-0.005
178.000	-0.005
178.022	-0.005
178.044	-0.005
178.067	-0.005
178.089	-0.005
178.111	-0.005
178.133	-0.005
178.155	-0.005
178.178	-0.005
178.200	-0.005
178.222	-0.005
178.244	-0.005
178.267	-0.005
178.289	-0.005
178.311	-0.005
178.333	-0.005
178.356	-0.005
178.378	-0.005
178.400	-0.005
178.422	-0.005
178.444	-0.005
178.467	-0.005
178.489	-0.005
178.511	-0.005
178.533	-0.005
178.556	-0.005
178.578	-0.005
178.600	-0.005
178.622	-0.005
178.644	-0.005
178.667	-0.005
178.689	-0.005
178.711	-0.005
178.733	-0.005
178.756	-0.005
178.778	-0.005
178.800	-0.005
178.822	-0.005
178.845	-0.005
178.867	-0.005
178.889	-0.005

178.911	-0.005
178.933	-0.005
178.956	-0.005
178.978	-0.005
179.000	-0.005
179.022	-0.005
179.044	-0.005
179.067	-0.005
179.089	-0.005
179.111	-0.005
179.133	-0.005
179.155	-0.005
179.178	-0.005
179.200	-0.005
179.222	-0.005
179.244	-0.005
179.267	-0.005
179.289	-0.005
179.311	-0.005
179.333	-0.005
179.356	-0.005
179.378	-0.005
179.400	-0.005
179.422	-0.005
179.444	-0.005
179.467	-0.005
179.489	-0.005
179.511	-0.005
179.533	-0.005
179.556	-0.005
179.578	-0.005
179.600	-0.005
179.622	-0.005
179.644	-0.005
179.667	-0.005
179.689	-0.005
179.711	-0.005
179.733	-0.005
179.756	-0.005
179.778	-0.005
179.800	-0.005
179.822	-0.005
179.845	-0.005
179.867	-0.005
179.889	-0.005
179.911	-0.005
179.933	-0.005
179.956	-0.005
179.978	-0.005
180.000	-0.005
180.022	-0.005
180.044	-0.005
180.067	-0.005
180.089	-0.005
180.111	-0.005
180.133	-0.005
180.155	-0.005
180.178	-0.005
180.200	-0.005
180.222	-0.005
180.244	-0.005
180.267	-0.005
180.289	-0.005
180.311	-0.005
180.333	-0.005

180.356	-0.005
180.378	-0.005
180.400	-0.005
180.422	-0.005
180.444	-0.005
180.467	-0.005
180.489	-0.005
180.511	-0.005
180.533	-0.005
180.556	-0.005
180.578	-0.005
180.600	-0.005
180.622	-0.005
180.644	-0.005
180.667	-0.005
180.689	-0.005
180.711	-0.005
180.733	-0.005
180.756	-0.005
180.778	-0.005
180.800	-0.005
180.822	-0.005
180.845	-0.005
180.867	-0.005
180.889	-0.005
180.911	-0.005
180.933	-0.005
180.956	-0.005
180.978	-0.005
181.000	-0.005
181.022	-0.005
181.044	-0.005
181.067	-0.005
181.089	-0.005
181.111	-0.005
181.133	-0.005
181.155	-0.005
181.178	-0.005
181.200	-0.005
181.222	-0.005
181.244	-0.005
181.267	-0.005
181.289	-0.005
181.311	-0.005
181.333	-0.005
181.356	-0.005
181.378	-0.005
181.400	-0.005
181.422	-0.005
181.444	-0.005
181.467	-0.005
181.489	-0.005
181.511	-0.005
181.533	-0.005
181.556	-0.005
181.578	-0.005
181.600	-0.005
181.622	-0.005
181.644	-0.005
181.667	-0.005
181.689	-0.005
181.711	-0.005
181.733	-0.005
181.756	-0.005
181.778	-0.005

181.800	-0.005
181.822	-0.005
181.845	-0.005
181.867	-0.005
181.889	-0.005
181.911	-0.005
181.933	-0.005
181.956	-0.005
181.978	-0.005
182.000	-0.005
182.022	-0.005
182.044	-0.005
182.067	-0.005
182.089	-0.005
182.111	-0.005
182.133	-0.005
182.155	-0.005
182.178	-0.005
182.200	-0.005
182.222	-0.005
182.244	-0.005
182.267	-0.005
182.289	-0.005
182.311	-0.005
182.333	-0.005
182.356	-0.005
182.378	-0.005
182.400	-0.005
182.422	-0.005
182.444	-0.005
182.467	-0.005
182.489	-0.005
182.511	-0.005
182.533	-0.005
182.556	-0.005
182.578	-0.005
182.600	-0.005
182.622	-0.005
182.644	-0.005
182.667	-0.005
182.689	-0.005
182.711	-0.005
182.733	-0.005
182.756	-0.005
182.778	-0.005
182.800	-0.005
182.822	-0.005
182.845	-0.005
182.867	-0.005
182.889	-0.005
182.911	-0.005
182.933	-0.005
182.956	-0.005
182.978	-0.005
183.000	-0.005
183.022	-0.005
183.044	-0.005
183.067	-0.005
183.089	-0.005
183.111	-0.005
183.133	-0.005
183.155	-0.005
183.178	-0.005
183.200	-0.005
183.222	-0.005

183.244	-0.005
183.267	-0.005
183.289	-0.005
183.311	-0.005
183.333	-0.005
183.356	-0.005
183.378	-0.005
183.400	-0.005
183.422	-0.005
183.444	-0.005
183.467	-0.005
183.489	-0.005
183.511	-0.005
183.533	-0.005
183.556	-0.005
183.578	-0.005
183.600	-0.005
183.622	-0.005
183.644	-0.005
183.667	-0.005
183.689	-0.005
183.711	-0.005
183.733	-0.005
183.756	-0.005
183.778	-0.005
183.800	-0.005
183.822	-0.005
183.845	-0.005
183.867	-0.005
183.889	-0.005
183.911	-0.005
183.933	-0.005
183.956	-0.005
183.978	-0.005
184.000	-0.005
184.022	-0.005
184.044	-0.004
184.067	-0.004
184.089	-0.003
184.111	-0.003
184.133	-0.002
184.155	-0.002
184.178	-0.002
184.200	-0.002
184.222	-0.001
184.244	-0.001
184.267	-0.001
184.289	-0.001
184.311	-0.002
184.333	-0.002
184.356	-0.002
184.378	-0.002
184.400	-0.002
184.422	-0.002
184.444	-0.002
184.467	-0.002
184.489	-0.002
184.511	-0.002
184.533	-0.002
184.556	-0.002
184.578	-0.002
184.600	-0.002
184.622	-0.003
184.644	-0.003
184.667	-0.003

184.689	-0.003
184.711	-0.003
184.733	-0.003
184.756	-0.003
184.778	-0.003
184.800	-0.003
184.822	-0.003
184.845	-0.003
184.867	-0.003
184.889	-0.003
184.911	-0.003
184.933	-0.003
184.956	-0.003
184.978	-0.003
185.000	-0.003
185.022	-0.003
185.044	-0.003
185.067	-0.003
185.089	-0.003
185.111	-0.003
185.133	-0.003
185.155	-0.003
185.178	-0.003
185.200	-0.004
185.222	-0.004
185.244	-0.004
185.267	-0.004
185.289	-0.004
185.311	-0.004
185.333	-0.004
185.356	-0.004
185.378	-0.004
185.400	-0.004
185.422	-0.004
185.444	-0.004
185.467	-0.004
185.489	-0.004
185.511	-0.004
185.533	-0.004
185.556	-0.004
185.578	-0.004
185.600	-0.004
185.622	-0.004
185.644	-0.004
185.667	-0.004
185.689	-0.004
185.711	-0.004
185.733	-0.004
185.756	-0.004
185.778	-0.004
185.800	-0.004
185.822	-0.004
185.845	-0.004
185.867	-0.004
185.889	-0.004
185.911	-0.004
185.933	-0.004
185.956	-0.004
185.978	-0.004
186.000	-0.004
186.022	-0.004
186.044	-0.004
186.067	-0.004
186.089	-0.004
186.111	-0.004

186.133	-0.004
186.155	-0.004
186.178	-0.004
186.200	-0.004
186.222	-0.004
186.244	-0.004
186.267	-0.004
186.289	-0.004
186.311	-0.004
186.333	-0.004
186.356	-0.004
186.378	-0.004
186.400	-0.004
186.422	-0.004
186.444	-0.004
186.467	-0.004
186.489	-0.004
186.511	-0.004
186.533	-0.004
186.556	-0.004
186.578	-0.004
186.600	-0.004
186.622	-0.004
186.644	-0.004
186.667	-0.004
186.689	-0.004
186.711	-0.004
186.733	-0.004
186.756	-0.004
186.778	-0.004
186.800	-0.004
186.822	-0.004
186.845	-0.004
186.867	-0.004
186.889	-0.004
186.911	-0.004
186.933	-0.004
186.956	-0.004
186.978	-0.004
187.000	-0.004
187.022	-0.004
187.044	-0.004
187.067	-0.004
187.089	-0.004
187.111	-0.004
187.133	-0.004
187.155	-0.004
187.178	-0.004
187.200	-0.004
187.222	-0.004
187.244	-0.004
187.267	-0.004
187.289	-0.004
187.311	-0.004
187.333	-0.004
187.356	-0.004
187.378	-0.004
187.400	-0.004
187.422	-0.004
187.444	-0.004
187.467	-0.004
187.489	-0.004
187.511	-0.004
187.533	-0.004
187.556	-0.004

187.578	-0.004
187.600	-0.004
187.622	-0.004
187.644	-0.004
187.667	-0.004
187.689	-0.004
187.711	-0.004
187.733	-0.004
187.756	-0.004
187.778	-0.004
187.800	-0.004
187.822	-0.004
187.845	-0.004
187.867	-0.004
187.889	-0.004
187.911	-0.004
187.933	-0.004
187.956	-0.004
187.978	-0.004
188.000	-0.004
188.022	-0.004
188.044	-0.004
188.067	-0.004
188.089	-0.004
188.111	-0.004
188.133	-0.004
188.155	-0.004
188.178	-0.004
188.200	-0.004
188.222	-0.004
188.244	-0.004
188.267	-0.004
188.289	-0.004
188.311	-0.004
188.333	-0.004
188.356	-0.004
188.378	-0.004
188.400	-0.004
188.422	-0.004
188.444	-0.004
188.467	-0.004
188.489	-0.004
188.511	-0.004
188.533	-0.004
188.556	-0.004
188.578	-0.004
188.600	-0.004
188.622	-0.004
188.644	-0.004
188.667	-0.004
188.689	-0.004
188.711	-0.004
188.733	-0.004
188.756	-0.004
188.778	-0.004
188.800	-0.004
188.822	-0.004
188.845	-0.004
188.867	-0.004
188.889	-0.004
188.911	-0.004
188.933	-0.004
188.956	-0.004
188.978	-0.004
189.000	-0.004

189.022	-0.004
189.044	-0.004
189.067	-0.004
189.089	-0.004
189.111	-0.004
189.133	-0.004
189.155	-0.004
189.178	-0.004
189.200	-0.004
189.222	-0.004
189.244	-0.004
189.267	-0.004
189.289	-0.004
189.311	-0.004
189.333	-0.004
189.356	-0.004
189.378	-0.004
189.400	-0.004
189.422	-0.004
189.444	-0.004
189.467	-0.004
189.489	-0.004
189.511	-0.004
189.533	-0.004
189.556	-0.004
189.578	-0.004
189.600	-0.004
189.622	-0.004
189.644	-0.004
189.667	-0.004
189.689	-0.004
189.711	-0.004
189.733	-0.004
189.756	-0.004
189.778	-0.004
189.800	-0.004
189.822	-0.004
189.845	-0.004
189.867	-0.004
189.889	-0.004
189.911	-0.004
189.933	-0.004
189.956	-0.004
189.978	-0.004
190.000	-0.004
190.022	-0.004
190.044	-0.004
190.067	-0.004
190.089	-0.004
190.111	-0.004
190.133	-0.004
190.155	-0.004
190.178	-0.004
190.200	-0.004
190.222	-0.004
190.244	-0.004
190.267	-0.004
190.289	-0.004
190.311	-0.004
190.333	-0.004
190.356	-0.004
190.378	-0.004
190.400	-0.004
190.422	-0.004
190.444	-0.004

190.467	-0.004
190.489	-0.004
190.511	-0.004
190.533	-0.004
190.556	-0.004
190.578	-0.004
190.600	-0.004
190.622	-0.004
190.644	-0.004
190.667	-0.004
190.689	-0.004
190.711	-0.004
190.733	-0.004
190.756	-0.004
190.778	-0.004
190.800	-0.004
190.822	-0.004
190.845	-0.004
190.867	-0.004
190.889	-0.004
190.911	-0.004
190.933	-0.004
190.956	-0.004
190.978	-0.004
191.000	-0.004
191.022	-0.004
191.044	-0.004
191.067	-0.004
191.089	-0.004
191.111	-0.004
191.133	-0.004
191.155	-0.004
191.178	-0.004
191.200	-0.004
191.222	-0.004
191.244	-0.004
191.267	-0.004
191.289	-0.004
191.311	-0.004
191.333	-0.004
191.356	-0.004
191.378	-0.004
191.400	-0.004
191.422	-0.004
191.444	-0.004
191.467	-0.004
191.489	-0.004
191.511	-0.004
191.533	-0.004
191.556	-0.004
191.578	-0.004
191.600	-0.004
191.622	-0.004
191.644	-0.004
191.667	-0.004
191.689	-0.004
191.711	-0.004
191.733	-0.004
191.756	-0.004
191.778	-0.004
191.800	-0.004
191.822	-0.004
191.845	-0.004
191.867	-0.004
191.889	-0.004

191.911	-0.004
191.933	-0.004
191.956	-0.004
191.978	-0.004
192.000	-0.004
192.022	-0.004
192.044	-0.004
192.067	-0.004
192.089	-0.004
192.111	-0.004
192.133	-0.004
192.155	-0.004
192.178	-0.004
192.200	-0.004
192.222	-0.004
192.244	-0.004
192.267	-0.004
192.289	-0.004
192.311	-0.004
192.333	-0.004
192.356	-0.004
192.378	-0.004
192.400	-0.004
192.422	-0.004
192.444	-0.004
192.467	-0.004
192.489	-0.004
192.511	-0.004
192.533	-0.004
192.556	-0.004
192.578	-0.004
192.600	-0.004
192.622	-0.004
192.644	-0.004
192.667	-0.004
192.689	-0.004
192.711	-0.004
192.733	-0.004
192.756	-0.004
192.778	-0.004
192.800	-0.004
192.822	-0.004
192.845	-0.004
192.867	-0.004
192.889	-0.004
192.911	-0.004
192.933	-0.004
192.956	-0.004
192.978	-0.004
193.000	-0.004
193.022	-0.004
193.044	-0.004
193.067	-0.004
193.089	-0.004
193.111	-0.004
193.133	-0.004
193.155	-0.004
193.178	-0.004
193.200	-0.004
193.222	-0.004
193.244	-0.004
193.267	-0.004
193.289	-0.004
193.311	-0.004
193.333	-0.004

193.356	-0.004
193.378	-0.004
193.400	-0.004
193.422	-0.004
193.444	-0.004
193.467	-0.004
193.489	-0.004
193.511	-0.004
193.533	-0.004
193.556	-0.004
193.578	-0.004
193.600	-0.004
193.622	-0.004
193.644	-0.004
193.667	-0.004
193.689	-0.004
193.711	-0.004
193.733	-0.004
193.756	-0.004
193.778	-0.004
193.800	-0.004
193.822	-0.004
193.845	-0.004
193.867	-0.004
193.889	-0.004
193.911	-0.004
193.933	-0.004
193.956	-0.004
193.978	-0.004
194.000	-0.004
194.022	-0.004
194.044	-0.004
194.067	-0.004
194.089	-0.004
194.111	-0.004
194.133	-0.004
194.155	-0.004
194.178	-0.004
194.200	-0.004
194.222	-0.004
194.244	-0.004
194.267	-0.004
194.289	-0.004
194.311	-0.004
194.333	-0.004
194.356	-0.004
194.378	-0.004
194.400	-0.004
194.422	-0.004
194.444	-0.004
194.467	-0.004
194.489	-0.004
194.511	-0.004
194.533	-0.004
194.556	-0.004
194.578	-0.004
194.600	-0.004
194.622	-0.004
194.644	-0.004
194.667	-0.004
194.689	-0.004
194.711	-0.004
194.733	-0.004
194.756	-0.004
194.778	-0.004

194.800	-0.004
194.822	-0.004
194.845	-0.004
194.867	-0.004
194.889	-0.004
194.911	-0.004
194.933	-0.004
194.956	-0.004
194.978	-0.004
195.000	-0.004
195.022	-0.004
195.044	-0.004
195.067	-0.004
195.089	-0.004
195.111	-0.004
195.133	-0.004
195.155	-0.004
195.178	-0.004
195.200	-0.004
195.222	-0.004
195.244	-0.004
195.267	-0.004
195.289	-0.004
195.311	-0.004
195.333	-0.004
195.356	-0.004
195.378	-0.004
195.400	-0.004
195.422	-0.004
195.444	-0.004
195.467	-0.004
195.489	-0.004
195.511	-0.004
195.533	-0.004
195.556	-0.004
195.578	-0.004
195.600	-0.004
195.622	-0.004
195.644	-0.004
195.667	-0.004
195.689	-0.004
195.711	-0.004
195.733	-0.004
195.756	-0.004
195.778	-0.004
195.800	-0.004
195.822	-0.004
195.845	-0.004
195.867	-0.004
195.889	-0.004
195.911	-0.004
195.933	-0.004
195.956	-0.004
195.978	-0.004
196.000	-0.004
196.022	-0.004
196.044	-0.004
196.067	-0.004
196.089	-0.004
196.111	-0.004
196.133	-0.004
196.155	-0.004
196.178	-0.004
196.200	-0.004
196.222	-0.004

196.244	-0.004
196.267	-0.004
196.289	-0.004
196.311	-0.004
196.333	-0.004
196.356	-0.004
196.378	-0.004
196.400	-0.004
196.422	-0.004
196.444	-0.004
196.467	-0.004
196.489	-0.004
196.511	-0.004
196.533	-0.004
196.556	-0.004
196.578	-0.004
196.600	-0.004
196.622	-0.004
196.644	-0.004
196.667	-0.004
196.689	-0.004
196.711	-0.004
196.733	-0.004
196.756	-0.004
196.778	-0.004
196.800	-0.004
196.822	-0.004
196.845	-0.004
196.867	-0.004
196.889	-0.004
196.911	-0.004
196.933	-0.004
196.956	-0.004
196.978	-0.004
197.000	-0.004
197.022	-0.004
197.044	-0.004
197.067	-0.004
197.089	-0.004
197.111	-0.004
197.133	-0.004
197.155	-0.004
197.178	-0.004
197.200	-0.004
197.222	-0.004
197.244	-0.004
197.267	-0.004
197.289	-0.004
197.311	-0.004
197.333	-0.004
197.356	-0.004
197.378	-0.004
197.400	-0.004
197.422	-0.004
197.444	-0.004
197.467	-0.004
197.489	-0.004
197.511	-0.004
197.533	-0.004
197.556	-0.004
197.578	-0.004
197.600	-0.004
197.622	-0.004
197.644	-0.004
197.667	-0.004

197.689	-0.004
197.711	-0.004
197.733	-0.004
197.756	-0.004
197.778	-0.004
197.800	-0.004
197.822	-0.004
197.845	-0.004
197.867	-0.004
197.889	-0.004
197.911	-0.004
197.933	-0.004
197.956	-0.004
197.978	-0.004
198.000	-0.004
198.022	-0.004
198.044	-0.004
198.067	-0.004
198.089	-0.004
198.111	-0.004
198.133	-0.004
198.155	-0.004
198.178	-0.004
198.200	-0.004
198.222	-0.004
198.244	-0.004
198.267	-0.004
198.289	-0.004
198.311	-0.004
198.333	-0.004
198.356	-0.004
198.378	-0.004
198.400	-0.004
198.422	-0.004
198.444	-0.004
198.467	-0.004
198.489	-0.004
198.511	-0.004
198.533	-0.004
198.556	-0.004
198.578	-0.004
198.600	-0.004
198.622	-0.004
198.644	-0.004
198.667	-0.004
198.689	-0.004
198.711	-0.004
198.733	-0.004
198.756	-0.004
198.778	-0.004
198.800	-0.004
198.822	-0.004
198.845	-0.004
198.867	-0.004
198.889	-0.004
198.911	-0.004
198.933	-0.004
198.956	-0.004
198.978	-0.004
199.000	-0.004
199.022	-0.004
199.044	-0.004
199.067	-0.004
199.089	-0.004
199.111	-0.004

199.133	-0.004
199.155	-0.004
199.178	-0.004
199.200	-0.004
199.222	-0.004
199.244	-0.004
199.267	-0.004
199.289	-0.004
199.311	-0.004
199.333	-0.004
199.356	-0.004
199.378	-0.004
199.400	-0.004
199.422	-0.004
199.444	-0.004
199.467	-0.004
199.489	-0.004
199.511	-0.004
199.533	-0.004
199.556	-0.004
199.578	-0.004
199.600	-0.004
199.622	-0.004
199.644	-0.004
199.667	-0.004
199.689	-0.004
199.711	-0.004
199.733	-0.004
199.756	-0.004
199.778	-0.004
199.800	-0.004
199.822	-0.004
199.845	-0.004
199.867	-0.004
199.889	-0.004
199.911	-0.004
199.933	-0.004
199.956	-0.004
199.978	-0.004
200.000	-0.004
200.022	-0.004
200.044	-0.004
200.067	-0.004
200.089	-0.004
200.111	-0.004
200.133	-0.004
200.155	-0.004
200.178	-0.004
200.200	-0.004
200.222	-0.004
200.244	-0.004
200.267	-0.004
200.289	-0.004
200.311	-0.004
200.333	-0.004
200.356	-0.004
200.378	-0.004
200.400	-0.004
200.422	-0.004
200.444	-0.004
200.467	-0.004
200.489	-0.004
200.511	-0.004
200.533	-0.004
200.556	-0.004

200.578	-0.004
200.600	-0.004
200.622	-0.004
200.644	-0.004
200.667	-0.004
200.689	-0.004
200.711	-0.004
200.733	-0.004
200.756	-0.004
200.778	-0.004
200.800	-0.004
200.822	-0.004
200.845	-0.004
200.867	-0.004
200.889	-0.004
200.911	-0.004
200.933	-0.004
200.956	-0.004
200.978	-0.004
201.000	-0.004
201.022	-0.004
201.044	-0.004
201.067	-0.004
201.089	-0.004
201.111	-0.004
201.133	-0.004
201.155	-0.004
201.178	-0.004
201.200	-0.004
201.222	-0.004
201.244	-0.004
201.267	-0.004
201.289	-0.004
201.311	-0.004
201.333	-0.004
201.356	-0.004
201.378	-0.004
201.400	-0.004
201.422	-0.004
201.444	-0.004
201.467	-0.004
201.489	-0.004
201.511	-0.004
201.533	-0.004
201.556	-0.004
201.578	-0.004
201.600	-0.004
201.622	-0.004
201.644	-0.004
201.667	-0.004
201.689	-0.004
201.711	-0.004
201.733	-0.004
201.756	-0.004
201.778	-0.004
201.800	-0.004
201.822	-0.004
201.845	-0.004
201.867	-0.004
201.889	-0.004
201.911	-0.004
201.933	-0.004
201.956	-0.004
201.978	-0.004
202.000	-0.004

202.022	-0.004
202.044	-0.004
202.067	-0.004
202.089	-0.004
202.111	-0.004
202.133	-0.004
202.155	-0.004
202.178	-0.004
202.200	-0.004
202.222	-0.004
202.244	-0.004
202.267	-0.004
202.289	-0.004
202.311	-0.004
202.333	-0.004
202.356	-0.004
202.378	-0.004
202.400	-0.004
202.422	-0.004
202.444	-0.004
202.467	-0.004
202.489	-0.004
202.511	-0.004
202.533	-0.004
202.556	-0.004
202.578	-0.004
202.600	-0.004
202.622	-0.004
202.644	-0.004
202.667	-0.004
202.689	-0.004
202.711	-0.004
202.733	-0.004
202.756	-0.004
202.778	-0.004
202.800	-0.004
202.822	-0.004
202.845	-0.004
202.867	-0.004
202.889	-0.004
202.911	-0.004
202.933	-0.004
202.956	-0.004
202.978	-0.004
203.000	-0.004
203.022	-0.004
203.044	-0.004
203.067	-0.004
203.089	-0.004
203.111	-0.004
203.133	-0.004
203.155	-0.004
203.178	-0.004
203.200	-0.004
203.222	-0.004
203.244	-0.004
203.267	-0.004
203.289	-0.004
203.311	-0.004
203.333	-0.004
203.356	-0.004
203.378	-0.004
203.400	-0.004
203.422	-0.004
203.444	-0.004

203.467	-0.004
203.489	-0.004
203.511	-0.004
203.533	-0.004
203.556	-0.004
203.578	-0.004
203.600	-0.004
203.622	-0.004
203.644	-0.004
203.667	-0.004
203.689	-0.004
203.711	-0.004
203.733	-0.004
203.756	-0.004
203.778	-0.004
203.800	-0.004
203.822	-0.004
203.845	-0.004
203.867	-0.004
203.889	-0.004
203.911	-0.004
203.933	-0.004
203.956	-0.004
203.978	-0.004
204.000	-0.004
204.022	-0.004
204.044	-0.004
204.067	-0.004
204.089	-0.004
204.111	-0.004
204.133	-0.004
204.155	-0.004
204.178	-0.004
204.200	-0.004
204.222	-0.004
204.244	-0.004
204.267	-0.004
204.289	-0.004
204.311	-0.004
204.333	-0.004
204.356	-0.004
204.378	-0.004
204.400	-0.004
204.422	-0.004
204.444	-0.004
204.467	-0.004
204.489	-0.004
204.511	-0.004
204.533	-0.004
204.556	-0.004
204.578	-0.004
204.600	-0.004
204.622	-0.004
204.644	-0.004
204.667	-0.004
204.689	-0.004
204.711	-0.004
204.733	-0.004
204.756	-0.004
204.778	-0.004
204.800	-0.004
204.822	-0.004
204.845	-0.004
204.867	-0.004
204.889	-0.004

204.911	-0.004
204.933	-0.004
204.956	-0.004
204.978	-0.004
205.000	-0.004
205.022	-0.004
205.044	-0.004
205.067	-0.004
205.089	-0.004
205.111	-0.004
205.133	-0.004
205.155	-0.004
205.178	-0.004
205.200	-0.004
205.222	-0.004
205.244	-0.004
205.267	-0.004
205.289	-0.004
205.311	-0.004
205.333	-0.004
205.356	-0.004
205.378	-0.004
205.400	-0.004
205.422	-0.004
205.444	-0.004
205.467	-0.004
205.489	-0.004
205.511	-0.004
205.533	-0.004
205.556	-0.004
205.578	-0.004
205.600	-0.004
205.622	-0.004
205.644	-0.004
205.667	-0.004
205.689	-0.004
205.711	-0.004
205.733	-0.004
205.756	-0.004
205.778	-0.004
205.800	-0.004
205.822	-0.004
205.845	-0.004
205.867	-0.004
205.889	-0.004
205.911	-0.004
205.933	-0.004
205.956	-0.004
205.978	-0.004
206.000	-0.004
206.022	-0.004
206.044	-0.004
206.067	-0.004
206.089	-0.004
206.111	-0.004
206.133	-0.004
206.155	-0.004
206.178	-0.004
206.200	-0.004
206.222	-0.004
206.244	-0.004
206.267	-0.004
206.289	-0.004
206.311	-0.004
206.333	-0.004

206.356	-0.004
206.378	-0.004
206.400	-0.004
206.422	-0.004
206.444	-0.004
206.467	-0.004
206.489	-0.004
206.511	-0.004
206.533	-0.004
206.556	-0.004
206.578	-0.004
206.600	-0.004
206.622	-0.004
206.644	-0.004
206.667	-0.004
206.689	-0.004
206.711	-0.004
206.733	-0.004
206.756	-0.004
206.778	-0.004
206.800	-0.004
206.822	-0.004
206.845	-0.004
206.867	-0.004
206.889	-0.004
206.911	-0.004
206.933	-0.004
206.956	-0.004
206.978	-0.004
207.000	-0.004
207.022	-0.004
207.044	-0.004
207.067	-0.004
207.089	-0.004
207.111	-0.004
207.133	-0.004
207.155	-0.004
207.178	-0.004
207.200	-0.004
207.222	-0.004
207.244	-0.004
207.267	-0.004
207.289	-0.004
207.311	-0.004
207.333	-0.004
207.356	-0.004
207.378	-0.004
207.400	-0.004
207.422	-0.004
207.444	-0.004
207.467	-0.004
207.489	-0.004
207.511	-0.004
207.533	-0.004
207.556	-0.004
207.578	-0.004
207.600	-0.004
207.622	-0.004
207.644	-0.004
207.667	-0.004
207.689	-0.004
207.711	-0.004
207.733	-0.004
207.756	-0.004
207.778	-0.004

207.800	-0.004
207.822	-0.004
207.845	-0.004
207.867	-0.004
207.889	-0.004
207.911	-0.004
207.933	-0.004
207.956	-0.004
207.978	-0.004
208.000	-0.004
208.022	-0.004
208.044	-0.004
208.067	-0.004
208.089	-0.004
208.111	-0.004
208.133	-0.004
208.155	-0.004
208.178	-0.004
208.200	-0.004
208.222	-0.004
208.244	-0.004
208.267	-0.004
208.289	-0.004
208.311	-0.004
208.333	-0.004
208.356	-0.004
208.378	-0.004
208.400	-0.004
208.422	-0.004
208.444	-0.004
208.467	-0.004
208.489	-0.004
208.511	-0.004
208.533	-0.004
208.556	-0.004
208.578	-0.004
208.600	-0.004
208.622	-0.004
208.644	-0.004
208.667	-0.004
208.689	-0.004
208.711	-0.004
208.733	-0.004
208.756	-0.004
208.778	-0.004
208.800	-0.004
208.822	-0.004
208.845	-0.004
208.867	-0.004
208.889	-0.004
208.911	-0.004
208.933	-0.004
208.956	-0.004
208.978	-0.004
209.000	-0.004
209.022	-0.004
209.044	-0.004
209.067	-0.004
209.089	-0.004
209.111	-0.004
209.133	-0.004
209.155	-0.004
209.178	-0.004
209.200	-0.004
209.222	-0.004

209.244	-0.004
209.267	-0.004
209.289	-0.004
209.311	-0.004
209.333	-0.004
209.356	-0.004
209.378	-0.004
209.400	-0.004
209.422	-0.004
209.444	-0.004
209.467	-0.004
209.489	-0.004
209.511	-0.004
209.533	-0.004
209.556	-0.004
209.578	-0.004
209.600	-0.004
209.622	-0.004
209.644	-0.004
209.667	-0.004
209.689	-0.004
209.711	-0.004
209.733	-0.004
209.756	-0.004
209.778	-0.004
209.800	-0.004
209.822	-0.004
209.845	-0.004
209.867	-0.004
209.889	-0.004
209.911	-0.004
209.933	-0.004
209.956	-0.004
209.978	-0.004
210.000	-0.004
210.022	-0.004
210.044	-0.004
210.067	-0.004
210.089	-0.004
210.111	-0.004
210.133	-0.004
210.155	-0.004
210.178	-0.004
210.200	-0.004
210.222	-0.004
210.244	-0.004
210.267	-0.004
210.289	-0.004
210.311	-0.004
210.333	-0.004
210.356	-0.004
210.378	-0.004
210.400	-0.004
210.422	-0.004
210.444	-0.004
210.467	-0.004
210.489	-0.004
210.511	-0.004
210.533	-0.004
210.556	-0.004
210.578	-0.004
210.600	-0.004
210.622	-0.004
210.644	-0.004
210.667	-0.004

210.689	-0.004
210.711	-0.004
210.733	-0.004
210.756	-0.004
210.778	-0.004
210.800	-0.004
210.822	-0.004
210.845	-0.004
210.867	-0.004
210.889	-0.004
210.911	-0.004
210.933	-0.004
210.956	-0.004
210.978	-0.004
211.000	-0.004
211.022	-0.004
211.044	-0.004
211.067	-0.004
211.089	-0.004
211.111	-0.004
211.133	-0.004
211.155	-0.004
211.178	-0.004
211.200	-0.004
211.222	-0.004
211.244	-0.004
211.267	-0.004
211.289	-0.004
211.311	-0.004
211.333	-0.004
211.356	-0.004
211.378	-0.004
211.400	-0.004
211.422	-0.004
211.444	-0.004
211.467	-0.004
211.489	-0.004
211.511	-0.004
211.533	-0.004
211.556	-0.004
211.578	-0.004
211.600	-0.004
211.622	-0.004
211.644	-0.004
211.667	-0.004
211.689	-0.004
211.711	-0.004
211.733	-0.004
211.756	-0.004
211.778	-0.004
211.800	-0.004
211.822	-0.004
211.845	-0.004
211.867	-0.004
211.889	-0.004
211.911	-0.004
211.933	-0.004
211.956	-0.004
211.978	-0.004
212.000	-0.004
212.022	-0.004
212.044	-0.004
212.067	-0.004
212.089	-0.004
212.111	-0.004

212.133	-0.004
212.155	-0.004
212.178	-0.004
212.200	-0.004
212.222	-0.004
212.244	-0.004
212.267	-0.004
212.289	-0.004
212.311	-0.004
212.333	-0.004
212.356	-0.004
212.378	-0.004
212.400	-0.004
212.422	-0.004
212.444	-0.004
212.467	-0.004
212.489	-0.004
212.511	-0.004
212.533	-0.004
212.556	-0.004
212.578	-0.004
212.600	-0.004
212.622	-0.004
212.644	-0.004
212.667	-0.004
212.689	-0.004
212.711	-0.004
212.733	-0.004
212.756	-0.004
212.778	-0.004
212.800	-0.004
212.822	-0.004
212.845	-0.004
212.867	-0.004
212.889	-0.004
212.911	-0.004
212.933	-0.004
212.956	-0.004
212.978	-0.004
213.000	-0.004
213.022	-0.004
213.044	-0.004
213.067	-0.004
213.089	-0.004
213.111	-0.004
213.133	-0.004
213.155	-0.004
213.178	-0.004
213.200	-0.004
213.222	-0.004
213.244	-0.004
213.267	-0.004
213.289	-0.004
213.311	-0.004
213.333	-0.004
213.356	-0.004
213.378	-0.004
213.400	-0.004
213.422	-0.004
213.444	-0.004
213.467	-0.004
213.489	-0.004
213.511	-0.004
213.533	-0.004
213.556	-0.004

213.578	-0.004
213.600	-0.004
213.622	-0.004
213.644	-0.004
213.667	-0.004
213.689	-0.004
213.711	-0.004
213.733	-0.004
213.756	-0.004
213.778	-0.004
213.800	-0.004
213.822	-0.004
213.845	-0.004
213.867	-0.004
213.889	-0.004
213.911	-0.004
213.933	-0.004
213.956	-0.004
213.978	-0.004
214.000	-0.004
214.022	-0.004
214.044	-0.004
214.067	-0.004
214.089	-0.004
214.111	-0.004
214.133	-0.004
214.155	-0.004
214.178	-0.004
214.200	-0.004
214.222	-0.004
214.244	-0.004
214.267	-0.004
214.289	-0.004
214.311	-0.004
214.333	-0.004
214.356	-0.004
214.378	-0.004
214.400	-0.004
214.422	-0.004
214.444	-0.004
214.467	-0.004
214.489	-0.004
214.511	-0.004
214.533	-0.004
214.556	-0.004
214.578	-0.004
214.600	-0.004
214.622	-0.004
214.644	-0.004
214.667	-0.004
214.689	-0.004
214.711	-0.004
214.733	-0.004
214.756	-0.004
214.778	-0.004
214.800	-0.004
214.822	-0.004
214.845	-0.004
214.867	-0.004
214.889	-0.004
214.911	-0.004
214.933	-0.004
214.956	-0.004
214.978	-0.004
215.000	-0.004

215.022	-0.004
215.044	-0.004
215.067	-0.004
215.089	-0.004
215.111	-0.004
215.133	-0.004
215.155	-0.004
215.178	-0.004
215.200	-0.004
215.222	-0.004
215.244	-0.004
215.267	-0.004
215.289	-0.004
215.311	-0.004
215.333	-0.004
215.356	-0.004
215.378	-0.004
215.400	-0.004
215.422	-0.004
215.444	-0.004
215.467	-0.004
215.489	-0.004
215.511	-0.004
215.533	-0.004
215.556	-0.004
215.578	-0.004
215.600	-0.004
215.622	-0.004
215.644	-0.004
215.667	-0.004
215.689	-0.004
215.711	-0.004
215.733	-0.004
215.756	-0.004
215.778	-0.004
215.800	-0.004
215.822	-0.004
215.845	-0.004
215.867	-0.004
215.889	-0.004
215.911	-0.004
215.933	-0.004
215.956	-0.004
215.978	-0.004
216.000	-0.004
216.022	-0.004
216.044	-0.004
216.067	-0.004
216.089	-0.004
216.111	-0.004
216.133	-0.004
216.155	-0.004
216.178	-0.004
216.200	-0.004
216.222	-0.004
216.244	-0.004
216.267	-0.004
216.289	-0.004
216.311	-0.004
216.333	-0.004
216.356	-0.004
216.378	-0.004
216.400	-0.004
216.422	-0.004
216.444	-0.004

216.467	-0.004
216.489	-0.004
216.511	-0.004
216.533	-0.004
216.556	-0.004
216.578	-0.004
216.600	-0.004
216.622	-0.004
216.644	-0.004
216.667	-0.004
216.689	-0.004
216.711	-0.004
216.733	-0.004
216.756	-0.004
216.778	-0.004
216.800	-0.004
216.822	-0.004
216.845	-0.004
216.867	-0.004
216.889	-0.004
216.911	-0.004
216.933	-0.004
216.956	-0.004
216.978	-0.004
217.000	-0.004
217.022	-0.004
217.044	-0.004
217.067	-0.004
217.089	-0.004
217.111	-0.004
217.133	-0.004
217.155	-0.004
217.178	-0.004
217.200	-0.004
217.222	-0.004
217.244	-0.004
217.267	-0.004
217.289	-0.004
217.311	-0.004
217.333	-0.004
217.356	-0.004
217.378	-0.004
217.400	-0.004
217.422	-0.004
217.444	-0.004
217.467	-0.004
217.489	-0.004
217.511	-0.004
217.533	-0.004
217.556	-0.004
217.578	-0.004
217.600	-0.004
217.622	-0.004
217.644	-0.004
217.667	-0.004
217.689	-0.004
217.711	-0.004
217.733	-0.004
217.756	-0.004
217.778	-0.004
217.800	-0.004
217.822	-0.004
217.845	-0.004
217.867	-0.004
217.889	-0.004

217.911	-0.004
217.933	-0.004
217.956	-0.004
217.978	-0.004
218.000	-0.004
218.022	-0.004
218.044	-0.004
218.067	-0.004
218.089	-0.004
218.111	-0.004
218.133	-0.004
218.155	-0.004
218.178	-0.004
218.200	-0.004
218.222	-0.004
218.244	-0.004
218.267	-0.004
218.289	-0.004
218.311	-0.004
218.333	-0.004
218.356	-0.004
218.378	-0.004
218.400	-0.004
218.422	-0.004
218.444	-0.004
218.467	-0.004
218.489	-0.004
218.511	-0.004
218.533	-0.004
218.556	-0.004
218.578	-0.004
218.600	-0.004
218.622	-0.004
218.644	-0.004
218.667	-0.004
218.689	-0.004
218.711	-0.004
218.733	-0.004
218.756	-0.004
218.778	-0.004
218.800	-0.004
218.822	-0.004
218.845	-0.004
218.867	-0.004
218.889	-0.004
218.911	-0.004
218.933	-0.004
218.956	-0.004
218.978	-0.004
219.000	-0.004
219.022	-0.004
219.044	-0.004
219.067	-0.004
219.089	-0.004
219.111	-0.004
219.133	-0.004
219.155	-0.004
219.178	-0.004
219.200	-0.004
219.222	-0.004
219.244	-0.004
219.267	-0.004
219.289	-0.004
219.311	-0.004
219.333	-0.004

219.356	-0.004
219.378	-0.004
219.400	-0.004
219.422	-0.004
219.444	-0.004
219.467	-0.004
219.489	-0.004
219.511	-0.004
219.533	-0.004
219.556	-0.004
219.578	-0.004
219.600	-0.004
219.622	-0.004
219.644	-0.004
219.667	-0.004
219.689	-0.004
219.711	-0.004
219.733	-0.004
219.756	-0.004
219.778	-0.004
219.800	-0.004
219.822	-0.004
219.845	-0.004
219.867	-0.004
219.889	-0.004
219.911	-0.004
219.933	-0.004
219.956	-0.004
219.978	-0.004
220.000	-0.004
220.022	-0.004
220.044	-0.004
220.067	-0.004
220.089	-0.004
220.111	-0.004
220.133	-0.004
220.155	-0.004
220.178	-0.004
220.200	-0.004
220.222	-0.004
220.244	-0.004
220.267	-0.004
220.289	-0.004
220.311	-0.004
220.333	-0.004
220.356	-0.004
220.378	-0.004
220.400	-0.004
220.422	-0.004
220.444	-0.004
220.467	-0.004
220.489	-0.004
220.511	-0.004
220.533	-0.004
220.556	-0.004
220.578	-0.004
220.600	-0.004
220.622	-0.004
220.644	-0.004
220.667	-0.004
220.689	-0.004
220.711	-0.004
220.733	-0.004
220.756	-0.004
220.778	-0.004

220.800	-0.004
220.822	-0.004
220.845	-0.004
220.867	-0.004
220.889	-0.004
220.911	-0.004
220.933	-0.004
220.956	-0.004
220.978	-0.004
221.000	-0.004
221.022	-0.004
221.044	-0.004
221.067	-0.004
221.089	-0.004
221.111	-0.004
221.133	-0.004
221.155	-0.004
221.178	-0.004
221.200	-0.004
221.222	-0.004
221.244	-0.004
221.267	-0.004
221.289	-0.004
221.311	-0.004
221.333	-0.004
221.356	-0.004
221.378	-0.004
221.400	-0.004
221.422	-0.004
221.444	-0.004
221.467	-0.004
221.489	-0.004
221.511	-0.004
221.533	-0.004
221.556	-0.004
221.578	-0.004
221.600	-0.004
221.622	-0.004
221.644	-0.004
221.667	-0.004
221.689	-0.004
221.711	-0.004
221.733	-0.004
221.756	-0.004
221.778	-0.004
221.800	-0.004
221.822	-0.004
221.845	-0.004
221.867	-0.004
221.889	-0.004
221.911	-0.004
221.933	-0.004
221.956	-0.004
221.978	-0.004
222.000	-0.004
222.022	-0.004
222.044	-0.004
222.067	-0.004
222.089	-0.004
222.111	-0.004
222.133	-0.004
222.155	-0.004
222.178	-0.004
222.200	-0.004
222.222	-0.004

222.244	-0.004
222.267	-0.004
222.289	-0.004
222.311	-0.004
222.333	-0.004
222.356	-0.004
222.378	-0.004
222.400	-0.004
222.422	-0.004
222.444	-0.004
222.467	-0.004
222.489	-0.004
222.511	-0.004
222.533	-0.004
222.556	-0.004
222.578	-0.004
222.600	-0.004
222.622	-0.004
222.644	-0.004
222.667	-0.004
222.689	-0.004
222.711	-0.004
222.733	-0.004
222.756	-0.004
222.778	-0.004
222.800	-0.004
222.822	-0.004
222.845	-0.004
222.867	-0.004
222.889	-0.004
222.911	-0.004
222.933	-0.004
222.956	-0.004
222.978	-0.004
223.000	-0.004
223.022	-0.004
223.044	-0.004
223.067	-0.004
223.089	-0.004
223.111	-0.004
223.133	-0.004
223.155	-0.004
223.178	-0.004
223.200	-0.004
223.222	-0.004
223.244	-0.004
223.267	-0.004
223.289	-0.004
223.311	-0.004
223.333	-0.004
223.356	-0.004
223.378	-0.004
223.400	-0.004
223.422	-0.004
223.444	-0.004
223.467	-0.004
223.489	-0.004
223.511	-0.004
223.533	-0.004
223.556	-0.004
223.578	-0.004
223.600	-0.004
223.622	-0.004
223.644	-0.004
223.667	-0.004

223.689	-0.004
223.711	-0.004
223.733	-0.004
223.756	-0.004
223.778	-0.004
223.800	-0.004
223.822	-0.004
223.845	-0.004
223.867	-0.004
223.889	-0.004
223.911	-0.004
223.933	-0.004
223.956	-0.004
223.978	-0.004
224.000	-0.004
224.022	-0.004
224.044	-0.004
224.067	-0.004
224.089	-0.004
224.111	-0.004
224.133	-0.004
224.155	-0.004
224.178	-0.004
224.200	-0.004
224.222	-0.004
224.244	-0.004
224.267	-0.004
224.289	-0.004
224.311	-0.004
224.333	-0.004
224.356	-0.004
224.378	-0.004
224.400	-0.004
224.422	-0.004
224.444	-0.004
224.467	-0.004
224.489	-0.004
224.511	-0.004
224.533	-0.004
224.556	-0.004
224.578	-0.004
224.600	-0.004
224.622	-0.004
224.644	-0.004
224.667	-0.004
224.689	-0.004
224.711	-0.004
224.733	-0.004
224.756	-0.004
224.778	-0.004
224.800	-0.004
224.822	-0.004
224.845	-0.004
224.867	-0.004
224.889	-0.004
224.911	-0.004
224.933	-0.004
224.956	-0.004
224.978	-0.004
225.000	-0.004
225.022	-0.004
225.044	-0.004
225.067	-0.004
225.089	-0.004
225.111	-0.004

225.133	-0.004
225.155	-0.004
225.178	-0.004
225.200	-0.004
225.222	-0.004
225.244	-0.004
225.267	-0.004
225.289	-0.004
225.311	-0.004
225.333	-0.004
225.356	-0.004
225.378	-0.004
225.400	-0.004
225.422	-0.004
225.444	-0.004
225.467	-0.004
225.489	-0.004
225.511	-0.004
225.533	-0.004
225.556	-0.004
225.578	-0.004
225.600	-0.004
225.622	-0.004
225.644	-0.004
225.667	-0.004
225.689	-0.004
225.711	-0.004
225.733	-0.004
225.756	-0.004
225.778	-0.004
225.800	-0.004
225.822	-0.004
225.845	-0.004
225.867	-0.004
225.889	-0.004
225.911	-0.004
225.933	-0.004
225.956	-0.004
225.978	-0.004
226.000	-0.004
226.022	-0.004
226.044	-0.004
226.067	-0.004
226.089	-0.004
226.111	-0.004
226.133	-0.004
226.155	-0.004
226.178	-0.004
226.200	-0.004
226.222	-0.004
226.244	-0.004
226.267	-0.004
226.289	-0.004
226.311	-0.004
226.333	-0.004
226.356	-0.004
226.378	-0.004
226.400	-0.004
226.422	-0.004
226.444	-0.004
226.467	-0.004
226.489	-0.004
226.511	-0.004
226.533	-0.004
226.556	-0.004

226.578	-0.004
226.600	-0.004
226.622	-0.004
226.644	-0.004
226.667	-0.004
226.689	-0.004
226.711	-0.004
226.733	-0.004
226.756	-0.004
226.778	-0.004
226.800	-0.004
226.822	-0.004
226.845	-0.004
226.867	-0.004
226.889	-0.004
226.911	-0.004
226.933	-0.004
226.956	-0.004
226.978	-0.004
227.000	-0.004
227.022	-0.004
227.044	-0.004
227.067	-0.004
227.089	-0.004
227.111	-0.004
227.133	-0.004
227.155	-0.004
227.178	-0.004
227.200	-0.004
227.222	-0.004
227.244	-0.004
227.267	-0.004
227.289	-0.004
227.311	-0.004
227.333	-0.004
227.356	-0.004
227.378	-0.004
227.400	-0.004
227.422	-0.004
227.444	-0.004
227.467	-0.004
227.489	-0.004
227.511	-0.004
227.533	-0.004
227.556	-0.004
227.578	-0.004
227.600	-0.004
227.622	-0.004
227.644	-0.004
227.667	-0.004
227.689	-0.004
227.711	-0.004
227.733	-0.004
227.756	-0.004
227.778	-0.004
227.800	-0.004
227.822	-0.004
227.845	-0.004
227.867	-0.004
227.889	-0.004
227.911	-0.004
227.933	-0.004
227.956	-0.004
227.978	-0.004
228.000	-0.004

228.022	-0.004
228.044	-0.004
228.067	-0.004
228.089	-0.004
228.111	-0.004
228.133	-0.004
228.155	-0.004
228.178	-0.004
228.200	-0.004
228.222	-0.004
228.244	-0.004
228.267	-0.004
228.289	-0.004
228.311	-0.004
228.333	-0.004
228.356	-0.004
228.378	-0.004
228.400	-0.004
228.422	-0.004
228.444	-0.004
228.467	-0.004
228.489	-0.004
228.511	-0.004
228.533	-0.004
228.556	-0.004
228.578	-0.004
228.600	-0.004
228.622	-0.004
228.644	-0.004
228.667	-0.004
228.689	-0.004
228.711	-0.004
228.733	-0.004
228.756	-0.004
228.778	-0.004
228.800	-0.004
228.822	-0.004
228.845	-0.004
228.867	-0.004
228.889	-0.004
228.911	-0.004
228.933	-0.004
228.956	-0.004
228.978	-0.004
229.000	-0.004
229.022	-0.004
229.044	-0.004
229.067	-0.004
229.089	-0.004
229.111	-0.004
229.133	-0.004
229.155	-0.004
229.178	-0.004
229.200	-0.004
229.222	-0.004
229.244	-0.004
229.267	-0.004
229.289	-0.004
229.311	-0.004
229.333	-0.004
229.356	-0.004
229.378	-0.004
229.400	-0.004
229.422	-0.004
229.444	-0.004

229.467	-0.004
229.489	-0.004
229.511	-0.004
229.533	-0.004
229.556	-0.004
229.578	-0.004
229.600	-0.004
229.622	-0.004
229.644	-0.004
229.667	-0.004
229.689	-0.004
229.711	-0.004
229.733	-0.004
229.756	-0.004
229.778	-0.004
229.800	-0.004
229.822	-0.004
229.845	-0.004
229.867	-0.004
229.889	-0.004
229.911	-0.004
229.933	-0.004
229.956	-0.004
229.978	-0.004
230.000	-0.004
230.022	-0.004
230.044	-0.004
230.067	-0.004
230.089	-0.004
230.111	-0.004
230.133	-0.004
230.155	-0.004
230.178	-0.004
230.200	-0.004
230.222	-0.004
230.244	-0.004
230.267	-0.004
230.289	-0.004
230.311	-0.004
230.333	-0.004
230.356	-0.004
230.378	-0.004
230.400	-0.004
230.422	-0.004
230.444	-0.004
230.467	-0.004
230.489	-0.004
230.511	-0.004
230.533	-0.004
230.556	-0.004
230.578	-0.004
230.600	-0.004
230.622	-0.004
230.644	-0.004
230.667	-0.004
230.689	-0.004
230.711	-0.004
230.733	-0.004
230.756	-0.004
230.778	-0.004
230.800	-0.004
230.822	-0.004
230.845	-0.004
230.867	-0.004
230.889	-0.004

230.911	-0.004
230.933	-0.004
230.956	-0.004
230.978	-0.004
231.000	-0.004
231.022	-0.004
231.044	-0.004
231.067	-0.004
231.089	-0.004
231.111	-0.004
231.133	-0.004
231.155	-0.004
231.178	-0.004
231.200	-0.004
231.222	-0.004
231.244	-0.004
231.267	-0.004
231.289	-0.004
231.311	-0.004
231.333	-0.004
231.356	-0.004
231.378	-0.004
231.400	-0.004
231.422	-0.004
231.444	-0.004
231.467	-0.004
231.489	-0.004
231.511	-0.004
231.533	-0.004
231.556	-0.004
231.578	-0.004
231.600	-0.004
231.622	-0.004
231.644	-0.004
231.667	-0.004
231.689	-0.004
231.711	-0.004
231.733	-0.004
231.756	-0.004
231.778	-0.004
231.800	-0.004
231.822	-0.004
231.845	-0.004
231.867	-0.004
231.889	-0.004
231.911	-0.004
231.933	-0.004
231.956	-0.004
231.978	-0.004
232.000	-0.004
232.022	-0.004
232.044	-0.004
232.067	-0.004
232.089	-0.004
232.111	-0.004
232.133	-0.004
232.155	-0.004
232.178	-0.004
232.200	-0.004
232.222	-0.004
232.244	-0.004
232.267	-0.004
232.289	-0.004
232.311	-0.004
232.333	-0.004

232.356	-0.004
232.378	-0.004
232.400	-0.004
232.422	-0.004
232.444	-0.004
232.467	-0.004
232.489	-0.004
232.511	-0.004
232.533	-0.004
232.556	-0.004
232.578	-0.004
232.600	-0.004
232.622	-0.004
232.644	-0.004
232.667	-0.004
232.689	-0.004
232.711	-0.004
232.733	-0.004
232.756	-0.004
232.778	-0.004
232.800	-0.004
232.822	-0.004
232.845	-0.004
232.867	-0.004
232.889	-0.004
232.911	-0.004
232.933	-0.004
232.956	-0.004
232.978	-0.004
233.000	-0.004
233.022	-0.004
233.044	-0.004
233.067	-0.004
233.089	-0.004
233.111	-0.004
233.133	-0.004
233.155	-0.004
233.178	-0.004
233.200	-0.004
233.222	-0.004
233.244	-0.004
233.267	-0.004
233.289	-0.004
233.311	-0.004
233.333	-0.004
233.356	-0.004
233.378	-0.004
233.400	-0.004
233.422	-0.004
233.444	-0.004
233.467	-0.004
233.489	-0.004
233.511	-0.004
233.533	-0.004
233.556	-0.004
233.578	-0.004
233.600	-0.004
233.622	-0.004
233.644	-0.004
233.667	-0.004
233.689	-0.004
233.711	-0.004
233.733	-0.004
233.756	-0.004
233.778	-0.004

233.800	-0.004
233.822	-0.004
233.845	-0.004
233.867	-0.004
233.889	-0.004
233.911	-0.004
233.933	-0.004
233.956	-0.004
233.978	-0.004
234.000	-0.004
234.022	-0.004
234.044	-0.004
234.067	-0.004
234.089	-0.004
234.111	-0.004
234.133	-0.004
234.155	-0.004
234.178	-0.004
234.200	-0.004
234.222	-0.004
234.244	-0.004
234.267	-0.004
234.289	-0.004
234.311	-0.004
234.333	-0.004
234.356	-0.004
234.378	-0.004
234.400	-0.004
234.422	-0.004
234.444	-0.004
234.467	-0.004
234.489	-0.004
234.511	-0.004
234.533	-0.004
234.556	-0.004
234.578	-0.004
234.600	-0.004
234.622	-0.004
234.644	-0.004
234.667	-0.004
234.689	-0.004
234.711	-0.004
234.733	-0.004
234.756	-0.004
234.778	-0.004
234.800	-0.004
234.822	-0.004
234.845	-0.004
234.867	-0.004
234.889	-0.004
234.911	-0.004
234.933	-0.004
234.956	-0.004
234.978	-0.004
235.000	-0.004
235.022	-0.004
235.044	-0.004
235.067	-0.004
235.089	-0.004
235.111	-0.004
235.133	-0.004
235.155	-0.004
235.178	-0.004
235.200	-0.004
235.222	-0.004

235.244	-0.004
235.267	-0.004
235.289	-0.004
235.311	-0.004
235.333	-0.004
235.356	-0.004
235.378	-0.004
235.400	-0.004
235.422	-0.004
235.444	-0.004
235.467	-0.004
235.489	-0.004
235.511	-0.004
235.533	-0.004
235.556	-0.004
235.578	-0.004
235.600	-0.004
235.622	-0.004
235.644	-0.004
235.667	-0.004
235.689	-0.004
235.711	-0.004
235.733	-0.004
235.756	-0.004
235.778	-0.004
235.800	-0.004
235.822	-0.004
235.845	-0.004
235.867	-0.004
235.889	-0.004
235.911	-0.004
235.933	-0.004
235.956	-0.004
235.978	-0.004
236.000	-0.004
236.022	-0.004
236.044	-0.004
236.067	-0.004
236.089	-0.004
236.111	-0.004
236.133	-0.004
236.155	-0.004
236.178	-0.004
236.200	-0.004
236.222	-0.004
236.244	-0.004
236.267	-0.004
236.289	-0.004
236.311	-0.004
236.333	-0.004
236.356	-0.004
236.378	-0.004
236.400	-0.004
236.422	-0.004
236.444	-0.004
236.467	-0.004
236.489	-0.004
236.511	-0.004
236.533	-0.004
236.556	-0.004
236.578	-0.004
236.600	-0.004
236.622	-0.004
236.644	-0.004
236.667	-0.004

236.689	-0.004
236.711	-0.004
236.733	-0.004
236.756	-0.004
236.778	-0.004
236.800	-0.004
236.822	-0.004
236.845	-0.004
236.867	-0.004
236.889	-0.004
236.911	-0.004
236.933	-0.004
236.956	-0.004
236.978	-0.004
237.000	-0.004
237.022	-0.004
237.044	-0.004
237.067	-0.004
237.089	-0.004
237.111	-0.004
237.133	-0.004
237.155	-0.004
237.178	-0.004
237.200	-0.004
237.222	-0.004
237.244	-0.004
237.267	-0.004
237.289	-0.004
237.311	-0.004
237.333	-0.004
237.356	-0.004
237.378	-0.004
237.400	-0.004
237.422	-0.004
237.444	-0.004
237.467	-0.004
237.489	-0.004
237.511	-0.004
237.533	-0.004
237.556	-0.004
237.578	-0.004
237.600	-0.004
237.622	-0.004
237.644	-0.004
237.667	-0.004
237.689	-0.004
237.711	-0.004
237.733	-0.004
237.756	-0.004
237.778	-0.004
237.800	-0.004
237.822	-0.004
237.845	-0.004
237.867	-0.004
237.889	-0.004
237.911	-0.004
237.933	-0.004
237.956	-0.004
237.978	-0.004
238.000	-0.004
238.022	-0.004
238.044	-0.004
238.067	-0.004
238.089	-0.004
238.111	-0.004

238.133	-0.004
238.155	-0.004
238.178	-0.004
238.200	-0.004
238.222	-0.004
238.244	-0.004
238.267	-0.004
238.289	-0.004
238.311	-0.004
238.333	-0.004
238.356	-0.004
238.378	-0.004
238.400	-0.004
238.422	-0.004
238.444	-0.004
238.467	-0.004
238.489	-0.004
238.511	-0.004
238.533	-0.004
238.556	-0.004
238.578	-0.004
238.600	-0.004
238.622	-0.004
238.644	-0.004
238.667	-0.004
238.689	-0.004
238.711	-0.004
238.733	-0.004
238.756	-0.004
238.778	-0.004
238.800	-0.004
238.822	-0.004
238.845	-0.004
238.867	-0.004
238.889	-0.004
238.911	-0.004
238.933	-0.004
238.956	-0.004
238.978	-0.004
239.000	-0.004
239.022	-0.004
239.044	-0.004
239.067	-0.004
239.089	-0.004
239.111	-0.004
239.133	-0.004
239.155	-0.004
239.178	-0.004
239.200	-0.004
239.222	-0.004
239.244	-0.004
239.267	-0.004
239.289	-0.004
239.311	-0.004
239.333	-0.004
239.356	-0.004
239.378	-0.004
239.400	-0.004
239.422	-0.004
239.444	-0.004
239.467	-0.004
239.489	-0.004
239.511	-0.004
239.533	-0.004
239.556	-0.004

239.578	-0.004
239.600	-0.004
239.622	-0.004
239.644	-0.004
239.667	-0.004
239.689	-0.004
239.711	-0.004
239.733	-0.004
239.756	-0.004
239.778	-0.004
239.800	-0.004
239.822	-0.004
239.845	-0.004
239.867	-0.004
239.889	-0.004
239.911	-0.004
239.933	-0.004
239.956	-0.004
239.978	-0.004
240.000	-0.004
240.022	-0.004
240.044	-0.004
240.067	-0.004
240.089	-0.004
240.111	-0.004
240.133	-0.004
240.155	-0.004
240.178	-0.004
240.200	-0.004
240.222	-0.003
240.244	-0.003
240.267	-0.003
240.289	-0.003
240.311	-0.003
240.333	-0.003
240.356	-0.003
240.378	-0.003
240.400	-0.003
240.422	-0.003
240.444	-0.003
240.467	-0.003
240.489	-0.003
240.511	-0.003
240.533	-0.003
240.556	-0.003
240.578	-0.003
240.600	-0.003
240.622	-0.003
240.644	-0.003
240.667	-0.003
240.689	-0.003
240.711	-0.003
240.733	-0.003
240.756	-0.003
240.778	-0.003
240.800	-0.003
240.822	-0.003
240.845	-0.003
240.867	-0.003
240.889	-0.003
240.911	-0.003
360.911	-0.001
480.911	-0.001
600.911	-0.000
720.911	-0.000

840.911	-0.000
960.911	-0.000
984.911	0.000

Name:	Area30	Area300	Area301	Area302	Area304
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-10d	100yr-10d	100yr-10d	100yr-10d	100yr-10d
Node:	Ditch 30	Node300	Node301	Node302	Node304
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	5.60	5.07	6.80	6.00	1.33
Comp Time Inc(min):	5.60	5.07	6.80	6.00	1.33
Rain File:	Fdot-240	Fdot-240	Fdot-240	Fdot-240	Fdot-240
Rain Amount(in):	18.000	18.000	18.000	18.000	18.000
Duration(hrs):	240.00	240.00	240.00	240.00	240.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	42.00	38.00	51.00	45.00	10.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	7.288	4.647	3.367	3.939	0.450
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	59.300	77.500	55.700	55.600	82.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	183.96	184.00	183.94	184.00	184.00
Flow Max(cfs):	3.989	2.814	1.778	2.083	0.276
Runoff Volume(in):	11.773	14.937	11.055	11.037	15.675
Runoff Volume(ft3):	311459.711	251964.305	135116.096	157807.985	25605.052

Name:	Area305	Area306	Area308	Area31	Area310
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-10d	100yr-10d	100yr-10d	100yr-10d	100yr-10d
Node:	Node305	Node306	Node308	WET-D	Node310
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.87	1.33	1.33	5.33	1.87
Comp Time Inc(min):	3.87	1.33	1.33	5.33	1.87
Rain File:	Fdot-240	Fdot-240	Fdot-240	Fdot-240	Fdot-240
Rain Amount(in):	18.000	18.000	18.000	18.000	18.000
Duration(hrs):	240.00	240.00	240.00	240.00	240.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	29.00	10.00	10.00	40.00	14.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	1.997	0.450	0.836	17.298	1.331
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	60.600	82.400	82.400	59.700	84.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	183.98	184.00	184.00	184.00	183.99
Flow Max(cfs):	1.108	0.276	0.513	9.507	0.821
Runoff Volume(in):	12.025	15.675	15.675	11.852	15.964
Runoff Volume(ft3):	87168.578	25605.052	47568.497	744193.741	77129.665

Name:	Area311	Area30	Area300	Area301	Area302
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-10d	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr
Node:	POST-WET-D	Ditch 30	Node300	Node301	Node302
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	5.33	5.60	5.07	6.80	6.00
Comp Time Inc(min):	5.33	5.60	5.07	6.80	6.00
Rain File:	Fdot-240	Fdot-1	Fdot-1	Fdot-1	Fdot-1
Rain Amount(in):	18.000	4.400	4.400	4.400	4.400
Duration(hrs):	240.00	1.00	1.00	1.00	1.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	40.00	42.00	38.00	51.00	45.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00

Area(ac):	7.158	7.288	4.647	3.367	3.939
Vol of Unit Hyd(in):	1.000	1.001	1.000	1.000	1.000
Curve Num:	65.900	59.300	77.500	55.700	55.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	184.00	1.03	0.93	1.13	1.10
Flow Max(cfs):	4.112	6.521	10.166	2.051	2.669
Runoff Volume(in):	13.005	0.919	2.158	0.724	0.729
Runoff Volume(ft3):	337927.135	24322.928	36404.661	8852.818	10416.615

Name:	Area304	Area305	Area306	Area308	Area31
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr
Node:	Node304	Node305	Node306	Node308	WET-D
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	3.87	1.33	1.33	5.33
Comp Time Inc(min):	1.33	3.87	1.33	1.33	5.33
Rain File:	Fdot-1	Fdot-1	Fdot-1	Fdot-1	Fdot-1
Rain Amount(in):	4.400	4.400	4.400	4.400	4.400
Duration(hrs):	1.00	1.00	1.00	1.00	1.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	29.00	10.00	10.00	40.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.450	1.997	0.450	0.836	17.298
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	82.400	60.600	82.400	82.400	59.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	0.67	0.90	0.67	0.67	1.07
Flow Max(cfs):	2.348	2.544	2.348	4.362	16.563
Runoff Volume(in):	2.585	0.997	2.585	2.585	0.947
Runoff Volume(ft3):	4222.323	7228.458	4222.323	7844.138	59463.056

Name:	Area310	Area311	Area30	Area300	Area301
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-1hr	100yr-1hr	100yr-24hr	100yr-24hr	100yr-24hr
Node:	Node310	POST-WET-D	Ditch 30	Node300	Node301
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.87	5.33	5.60	5.07	6.80
Comp Time Inc(min):	1.87	5.33	5.60	5.07	6.80
Rain File:	Fdot-1	Fdot-1	Fdot-24	Fdot-24	Fdot-24
Rain Amount(in):	4.400	4.400	11.040	11.040	11.040
Duration(hrs):	1.00	1.00	24.00	24.00	24.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	14.00	40.00	42.00	38.00	51.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	1.331	7.158	7.288	4.647	3.367
Vol of Unit Hyd(in):	1.000	1.000	1.001	1.000	1.000
Curve Num:	84.400	65.900	59.300	77.500	55.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	0.68	0.98	12.23	12.16	12.35
Flow Max(cfs):	6.441	9.449	4.456	4.150	1.779
Runoff Volume(in):	2.763	1.324	5.655	8.189	5.125
Runoff Volume(ft3):	13351.667	34389.724	149597.817	138128.756	62644.010

Name:	Area302	Area304	Area305	Area306	Area308
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr
Node:	Node302	Node304	Node305	Node306	Node308
Type:	SCS	SCS	SCS	SCS	SCS

Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	6.00	1.33	3.87	1.33	1.33
Comp Time Inc(min):	6.00	1.33	3.87	1.33	1.33
Rain File:	Fdot-24	Fdot-24	Fdot-24	Fdot-24	Fdot-24
Rain Amount(in):	11.040	11.040	11.040	11.040	11.040
Duration(hrs):	24.00	24.00	24.00	24.00	24.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	45.00	10.00	29.00	10.00	10.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	3.939	0.450	1.997	0.450	0.836
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	55.600	82.400	60.600	82.400	82.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	12.30	12.00	12.12	12.00	12.00
Flow Max(cfs):	2.130	0.459	1.339	0.459	0.854
Runoff Volume(in):	5.118	8.839	5.841	8.839	8.839
Runoff Volume(ft3):	73185.489	14437.694	42340.095	14437.694	26822.027

Name:	Area31	Area310	Area311	Area30	Area300
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-24hr	100yr-24hr	100yr-24hr	100yr-2hr	100yr-2hr
Node:	WET-D	Node310	POST-WET-D	Ditch 30	Node300
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	5.33	1.87	5.33	5.60	5.07
Comp Time Inc(min):	5.33	1.87	5.33	5.60	5.07
Rain File:	Fdot-24	Fdot-24	Fdot-24	Fdot-2	Fdot-2
Rain Amount(in):	11.040	11.040	11.040	5.000	5.000
Duration(hrs):	24.00	24.00	24.00	2.00	2.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	40.00	14.00	40.00	42.00	38.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	17.298	1.331	7.158	7.288	4.647
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.001	1.000
Curve Num:	59.700	84.400	65.900	59.300	77.500
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	12.18	12.01	12.18	1.31	1.18
Flow Max(cfs):	10.798	1.379	5.193	5.603	8.530
Runoff Volume(in):	5.714	9.097	6.597	1.243	2.644
Runoff Volume(ft3):	358769.520	43953.985	171421.209	32891.994	44600.280

Name:	Area301	Area302	Area304	Area305	Area306
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr
Node:	Node301	Node302	Node304	Node305	Node306
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	6.80	6.00	1.33	3.87	1.33
Comp Time Inc(min):	6.80	6.00	1.33	3.87	1.33
Rain File:	Fdot-2	Fdot-2	Fdot-2	Fdot-2	Fdot-2
Rain Amount(in):	5.000	5.000	5.000	5.000	5.000
Duration(hrs):	2.00	2.00	2.00	2.00	2.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	51.00	45.00	10.00	29.00	10.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	3.367	3.939	0.450	1.997	0.450
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	55.700	55.600	82.400	60.600	82.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	1.59	1.40	0.84	1.16	0.84

Flow Max(cfs):	1.878	2.326	1.851	2.015	1.851
Runoff Volume(in):	1.005	1.017	3.118	1.342	3.118
Runoff Volume(ft3):	12280.147	14544.593	5093.665	9725.764	5093.665

Name:	Area308	Area31	Area310	Area311	Area30
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr	100yr-3d
Node:	Node308	WET-D	Node310	POST-WET-D	Ditch 30
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	5.33	1.87	5.33	5.60
Comp Time Inc(min):	1.33	5.33	1.87	5.33	5.60
Rain File:	Fdot-2	Fdot-2	Fdot-2	Fdot-2	Fdot-72
Rain Amount(in):	5.000	5.000	5.000	5.000	13.800
Duration(hrs):	2.00	2.00	2.00	2.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	40.00	14.00	40.00	42.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.836	17.298	1.331	7.158	7.288
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.001
Curve Num:	82.400	59.700	84.400	65.900	59.300
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	0.84	1.33	0.87	1.24	60.01
Flow Max(cfs):	3.440	13.912	5.103	7.958	4.136
Runoff Volume(in):	3.118	1.269	3.307	1.706	8.007
Runoff Volume(ft3):	9462.898	79657.821	15976.129	44323.907	211829.396

Name:	Area300	Area301	Area302	Area304	Area305
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-3d	100yr-3d	100yr-3d	100yr-3d	100yr-3d
Node:	Node300	Node301	Node302	Node304	Node305
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	5.07	6.80	6.00	1.33	3.87
Comp Time Inc(min):	5.07	6.80	6.00	1.33	3.87
Rain File:	Fdot-72	Fdot-72	Fdot-72	Fdot-72	Fdot-72
Rain Amount(in):	13.800	13.800	13.800	13.800	13.800
Duration(hrs):	72.00	72.00	72.00	72.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	38.00	51.00	45.00	10.00	29.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	4.647	3.367	3.939	0.450	1.997
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	77.500	55.700	55.600	82.400	60.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	59.95	59.95	60.00	59.98	60.00
Flow Max(cfs):	3.050	1.816	2.130	0.302	1.156
Runoff Volume(in):	10.840	7.395	7.379	11.536	8.225
Runoff Volume(ft3):	182860.725	90378.625	105510.475	18843.956	59625.991

Name:	Area306	Area308	Area31	Area310	Area311
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-3d	100yr-3d	100yr-3d	100yr-3d	100yr-3d
Node:	Node306	Node308	WET-D	Node310	POST-WET-D
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	1.33	5.33	1.87	5.33
Comp Time Inc(min):	1.33	1.33	5.33	1.87	5.33
Rain File:	Fdot-72	Fdot-72	Fdot-72	Fdot-72	Fdot-72

Rain Amount(in):	13.800	13.800	13.800	13.800	13.800
Duration(hrs):	72.00	72.00	72.00	72.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	10.00	40.00	14.00	40.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.450	0.836	17.298	1.331	7.158
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	82.400	82.400	59.700	84.400	65.900
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	59.98	59.98	60.00	59.98	60.00
Flow Max(cfs):	0.302	0.561	9.875	0.899	4.350
Runoff Volume(in):	11.536	11.536	8.076	11.810	9.087
Runoff Volume(ft3):	18843.956	35007.883	507118.118	57060.596	236111.265

Name:	Area30	Area300	Area301	Area302	Area304
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr
Node:	Ditch 30	Node300	Node301	Node302	Node304
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	5.60	5.07	6.80	6.00	1.33
Comp Time Inc(min):	5.60	5.07	6.80	6.00	1.33
Rain File:	Fdot-4	Fdot-4	Fdot-4	Fdot-4	Fdot-4
Rain Amount(in):	6.250	6.250	6.250	6.250	6.250
Duration(hrs):	4.00	4.00	4.00	4.00	4.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	42.00	38.00	51.00	45.00	10.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	7.288	4.647	3.367	3.939	0.450
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	59.300	77.500	55.700	55.600	82.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	2.99	2.70	3.17	3.10	2.04
Flow Max(cfs):	7.353	8.396	2.734	3.348	1.152
Runoff Volume(in):	2.014	3.744	1.717	1.714	4.262
Runoff Volume(ft3):	53276.791	63157.081	20984.922	24503.309	6961.879

Name:	Area305	Area306	Area308	Area31	Area310
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr
Node:	Node305	Node306	Node308	WET-D	Node310
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.87	1.33	1.33	5.33	1.87
Comp Time Inc(min):	3.87	1.33	1.33	5.33	1.87
Rain File:	Fdot-4	Fdot-4	Fdot-4	Fdot-4	Fdot-4
Rain Amount(in):	6.250	6.250	6.250	6.250	6.250
Duration(hrs):	4.00	4.00	4.00	4.00	4.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	29.00	10.00	10.00	40.00	14.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	1.997	0.450	0.836	17.298	1.331
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	60.600	82.400	82.400	59.700	84.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	2.71	2.04	2.04	3.02	2.08
Flow Max(cfs):	2.379	1.152	2.141	17.978	3.397
Runoff Volume(in):	2.140	4.262	4.262	2.062	4.472
Runoff Volume(ft3):	15510.048	6961.879	12933.624	129457.060	21605.386

Name:	Area311	Area30	Area300	Area301	Area302
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-7d	100yr-7d	100yr-7d	100yr-7d
Node:	POST-WET-D	Ditch 30	Node300	Node301	Node302
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	5.33	5.60	5.07	6.80	6.00
Comp Time Inc(min):	5.33	5.60	5.07	6.80	6.00
Rain File:	Fdot-4	Fdot-168	Fdot-168	Fdot-168	Fdot-168
Rain Amount(in):	6.250	16.000	16.000	16.000	16.000
Duration(hrs):	4.00	168.00	168.00	168.00	168.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	40.00	42.00	38.00	51.00	45.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	7.158	7.288	4.647	3.367	3.939
Vol of Unit Hyd(in):	1.000	1.001	1.000	1.000	1.000
Curve Num:	65.900	59.300	77.500	55.700	55.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	2.84	159.97	159.93	159.91	160.00
Flow Max(cfs):	9.221	3.064	2.141	1.370	1.604
Runoff Volume(in):	2.619	9.960	12.978	9.285	9.269
Runoff Volume(ft3):	68047.006	263491.559	218920.235	113486.204	132537.587

Name:	Area304	Area305	Area306	Area308	Area31
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-7d	100yr-7d	100yr-7d	100yr-7d	100yr-7d
Node:	Node304	Node305	Node306	Node308	WET-D
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	3.87	1.33	1.33	5.33
Comp Time Inc(min):	1.33	3.87	1.33	1.33	5.33
Rain File:	Fdot-168	Fdot-168	Fdot-168	Fdot-168	Fdot-168
Rain Amount(in):	16.000	16.000	16.000	16.000	16.000
Duration(hrs):	168.00	168.00	168.00	168.00	168.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	29.00	10.00	10.00	40.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.450	1.997	0.450	0.836	17.298
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	82.400	60.600	82.400	82.400	59.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	160.00	159.95	160.00	160.00	160.00
Flow Max(cfs):	0.210	0.849	0.210	0.390	7.297
Runoff Volume(in):	13.700	10.191	13.700	13.700	10.033
Runoff Volume(ft3):	22379.072	73877.825	22379.072	41575.343	629978.362

Name:	Area310	Area311	Area30	Area300	Area301
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-7d	100yr-7d	100yr-8hr	100yr-8hr	100yr-8hr
Node:	Node310	POST-WET-D	Ditch 30	Node300	Node301
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.87	5.33	5.60	5.07	6.80
Comp Time Inc(min):	1.87	5.33	5.60	5.07	6.80
Rain File:	Fdot-168	Fdot-168	Fdot-8	Fdot-8	Fdot-8
Rain Amount(in):	16.000	16.000	7.500	7.500	7.500
Duration(hrs):	168.00	168.00	8.00	8.00	8.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	14.00	40.00	42.00	38.00	51.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00

Area(ac):	1.331	7.158	7.288	4.647	3.367
Vol of Unit Hyd(in):	1.000	1.000	1.001	1.000	1.000
Curve Num:	84.400	65.900	59.300	77.500	55.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	160.00	160.00	4.29	4.22	4.42
Flow Max(cfs):	0.624	3.144	8.048	9.163	2.879
Runoff Volume(in):	13.983	11.125	2.880	4.864	2.510
Runoff Volume(ft3):	67559.912	289055.251	76204.095	82040.692	30677.914

Name:	Area302	Area304	Area305	Area306	Area308
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr
Node:	Node302	Node304	Node305	Node306	Node308
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	6.00	1.33	3.87	1.33	1.33
Comp Time Inc(min):	6.00	1.33	3.87	1.33	1.33
Rain File:	Fdot-8	Fdot-8	Fdot-8	Fdot-8	Fdot-8
Rain Amount(in):	7.500	7.500	7.500	7.500	7.500
Duration(hrs):	8.00	8.00	8.00	8.00	8.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	45.00	10.00	29.00	10.00	10.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	3.939	0.450	1.997	0.450	0.836
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	55.600	82.400	60.600	82.400	82.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	4.30	4.00	4.12	4.00	4.00
Flow Max(cfs):	3.597	1.263	2.729	1.263	2.346
Runoff Volume(in):	2.510	5.435	3.026	5.435	5.435
Runoff Volume(ft3):	35887.878	8877.447	21935.330	8877.447	16492.325

Name:	Area31	Area310	Area311
Group:	BASE	BASE	BASE
Simulation:	100yr-8hr	100yr-8hr	100yr-8hr
Node:	WET-D	Node310	POST-WET-D
Type:	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0
Spec Time Inc(min):	5.33	1.87	5.33
Comp Time Inc(min):	5.33	1.87	5.33
Rain File:	Fdot-8	Fdot-8	Fdot-8
Rain Amount(in):	7.500	7.500	7.500
Duration(hrs):	8.00	8.00	8.00
Status:	Onsite	Onsite	Onsite
TC(min):	40.00	14.00	40.00
Time Shift(hrs):	0.00	0.00	0.00
Area(ac):	17.298	1.331	7.158
Vol of Unit Hyd(in):	1.000	1.000	1.000
Curve Num:	59.700	84.400	65.900
DCIA(%):	0.000	0.000	0.000
Time Max(hrs):	4.27	4.01	4.27
Flow Max(cfs):	19.913	3.769	10.218
Runoff Volume(in):	2.933	5.664	3.592
Runoff Volume(ft3):	184171.707	27365.480	93345.594

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
bdry	100yr-10d	173.000	174.000	0.0000	2	13.449	0.000
bdry	100yr-1hr	173.000	174.000	0.0000	1	8.096	0.000
bdry	100yr-24hr	173.000	174.000	0.0000	1	14.267	0.000
bdry	100yr-2hr	173.000	174.000	0.0000	1	13.208	0.000
bdry	100yr-3d	173.000	174.000	0.0000	1	13.886	0.000
bdry	100yr-4hr	173.000	174.000	0.0000	1	21.352	0.000
bdry	100yr-7d	173.000	174.000	0.0000	2	10.338	0.000
bdry	100yr-8hr	173.000	174.000	0.0000	1	22.388	0.000
bdry-4	100yr-10d	173.000	174.000	0.0000	2	13.475	0.000
bdry-4	100yr-1hr	173.000	174.000	0.0000	1	3.588	0.000
bdry-4	100yr-24hr	173.000	174.000	0.0000	1	11.147	0.000
bdry-4	100yr-2hr	173.000	174.000	0.0000	1	6.761	0.000
bdry-4	100yr-3d	173.000	174.000	0.0000	1	13.671	0.000
bdry-4	100yr-4hr	173.000	174.000	0.0000	1	15.045	0.000
bdry-4	100yr-7d	173.000	174.000	0.0000	8	10.295	0.000
bdry-4	100yr-8hr	173.000	174.000	0.0000	1	16.138	0.000
Ditch 30	100yr-10d	176.375	177.410	0.0099	6351	3.983	3.965
Ditch 30	100yr-1hr	176.450	177.410	-0.0100	6697	6.348	4.174
Ditch 30	100yr-24hr	176.423	177.410	-0.0088	6572	4.329	4.100
Ditch 30	100yr-2hr	176.529	177.410	-0.0100	7061	5.459	4.383
Ditch 30	100yr-3d	176.410	177.410	0.0099	6514	4.135	4.065
Ditch 30	100yr-4hr	177.086	177.410	-0.0100	9695	7.346	5.627
Ditch 30	100yr-7d	176.075	177.410	-0.0099	4967	3.058	3.053
Ditch 30	100yr-8hr	177.213	177.410	-0.0100	10368	7.473	5.867
Node300	100yr-10d	182.433	182.500	0.0020	37296	2.710	2.683
Node300	100yr-1hr	181.075	182.500	0.0031	32212	7.784	0.000
Node300	100yr-24hr	182.322	182.500	0.0068	36884	3.756	1.818
Node300	100yr-2hr	181.315	182.500	0.0032	33111	5.294	0.000
Node300	100yr-3d	182.426	182.500	0.0030	37273	2.878	2.631
Node300	100yr-4hr	181.799	182.500	0.0060	34923	5.695	0.000
Node300	100yr-7d	182.351	182.500	0.0016	36990	2.051	2.031
Node300	100yr-8hr	182.136	182.500	0.0059	36183	6.310	0.639
Node301	100yr-10d	179.219	179.400	0.0038	4461	1.776	1.773
Node301	100yr-1hr	179.155	179.400	0.0037	4116	1.805	1.485
Node301	100yr-24hr	179.208	179.400	0.0023	4402	1.754	1.722
Node301	100yr-2hr	179.202	179.400	-0.0032	4368	1.872	1.693
Node301	100yr-3d	179.225	179.400	0.0032	4493	1.815	1.800
Node301	100yr-4hr	179.367	179.400	-0.0037	5249	2.688	2.492
Node301	100yr-7d	179.127	179.400	-0.0034	3969	1.369	1.367
Node301	100yr-8hr	179.395	179.400	0.0040	5400	2.840	2.638
Node302	100yr-10d	179.004	179.300	-0.0044	3786	2.082	2.078
Node302	100yr-1hr	179.009	179.300	0.0051	4581	2.539	2.103
Node302	100yr-24hr	179.000	179.300	0.0026	3204	2.071	2.059
Node302	100yr-2hr	179.016	179.300	-0.0044	5649	2.324	2.138
Node302	100yr-3d	179.012	179.300	0.0043	4993	2.129	2.117
Node302	100yr-4hr	179.135	179.300	-0.0077	23366	3.324	2.740
Node302	100yr-7d	178.902	179.300	-0.0042	2902	1.604	1.602
Node302	100yr-8hr	179.156	179.300	-0.0066	26567	3.437	2.854
Node304	100yr-10d	179.459	180.400	-0.0089	4720	0.232	0.232
Node304	100yr-1hr	179.485	180.400	-0.0067	4821	1.444	0.398
Node304	100yr-24hr	179.453	180.400	-0.0091	4694	0.312	0.194
Node304	100yr-2hr	179.473	180.400	-0.0088	4775	1.070	0.318
Node304	100yr-3d	179.463	180.400	-0.0093	4735	0.256	0.255
Node304	100yr-4hr	179.516	180.400	0.0099	4941	0.896	0.630
Node304	100yr-7d	179.450	180.400	-0.0099	4682	0.178	0.177
Node304	100yr-8hr	179.526	180.400	-0.0079	4979	0.977	0.712

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
Node305	100yr-10d	176.044	177.410	-0.0079	4890	3.416	3.404
Node305	100yr-1hr	176.081	177.410	-0.0095	5063	4.532	3.549
Node305	100yr-24hr	176.018	177.410	-0.0083	4772	3.349	3.305
Node305	100yr-2hr	176.093	177.410	-0.0084	5117	3.985	3.595
Node305	100yr-3d	176.068	177.410	-0.0079	5002	3.527	3.497
Node305	100yr-4hr	176.435	177.410	-0.0093	6694	5.387	4.778
Node305	100yr-7d	175.842	177.410	-0.0092	4046	2.627	2.623
Node305	100yr-8hr	176.465	177.410	0.0099	6837	5.508	4.874
Node306	100yr-10d	179.523	180.460	-0.0085	4706	0.251	0.251
Node306	100yr-1hr	179.546	180.460	-0.0097	4800	1.444	0.407
Node306	100yr-24hr	179.534	180.460	-0.0066	4753	0.360	0.325
Node306	100yr-2hr	179.535	180.460	0.0062	4754	1.070	0.328
Node306	100yr-3d	179.526	180.460	-0.0096	4721	0.274	0.273
Node306	100yr-4hr	179.576	180.460	0.0100	4916	0.896	0.634
Node306	100yr-7d	179.512	180.460	-0.0088	4665	0.191	0.191
Node306	100yr-8hr	179.570	180.460	0.0064	4891	0.977	0.583
Node308	100yr-10d	179.699	180.360	-0.0034	10794	3.168	3.163
Node308	100yr-1hr	179.467	180.360	0.0055	9104	2.682	0.561
Node308	100yr-24hr	179.619	180.360	0.0040	10209	2.112	2.108
Node308	100yr-2hr	179.450	180.360	0.0062	8978	1.987	0.430
Node308	100yr-3d	179.694	180.360	-0.0036	10754	3.124	3.087
Node308	100yr-4hr	179.527	180.360	0.0099	9541	1.665	1.093
Node308	100yr-7d	179.642	180.360	0.0045	10376	2.398	2.394
Node308	100yr-8hr	179.536	180.360	0.0063	9608	1.884	1.185
Node310	100yr-10d	177.894	178.000	0.0017	16600	0.800	0.792
Node310	100yr-1hr	177.149	178.000	0.0025	14782	2.795	0.000
Node310	100yr-24hr	177.902	178.000	0.0045	16620	1.378	0.817
Node310	100yr-2hr	177.186	178.000	0.0030	14872	3.427	0.000
Node310	100yr-3d	177.886	178.000	0.0022	16579	0.849	0.767
Node310	100yr-4hr	177.530	178.000	0.0033	15712	2.432	0.017
Node310	100yr-7d	177.823	178.000	-0.0013	16427	0.597	0.588
Node310	100yr-8hr	177.684	178.000	0.0048	16087	3.503	0.252
POST-WET-D	100yr-10d	174.886	175.000	0.0061	62381	13.491	13.475
POST-WET-D	100yr-1hr	174.666	175.000	0.0072	52735	13.753	3.588
POST-WET-D	100yr-24hr	174.861	175.000	0.0062	61310	11.284	11.147
POST-WET-D	100yr-2hr	174.801	175.000	0.0059	58675	12.571	6.761
POST-WET-D	100yr-3d	174.888	175.000	0.0052	62465	13.746	13.671
POST-WET-D	100yr-4hr	174.901	175.000	0.0061	63031	17.428	15.045
POST-WET-D	100yr-7d	174.852	175.000	0.0049	60877	10.307	10.295
POST-WET-D	100yr-8hr	174.910	175.000	0.0075	63457	17.778	16.138
WET-D	100yr-10d	174.886	175.000	0.0061	62303	13.468	13.449
WET-D	100yr-1hr	174.823	175.000	0.0084	59545	19.598	8.096
WET-D	100yr-24hr	174.893	175.000	0.0067	62649	14.317	14.267
WET-D	100yr-2hr	174.883	175.000	0.0068	62198	17.193	13.208
WET-D	100yr-3d	174.890	175.000	0.0054	62489	13.932	13.886
WET-D	100yr-4hr	174.952	175.000	0.0074	65204	23.074	21.352
WET-D	100yr-7d	174.852	175.000	0.0054	60836	10.347	10.338
WET-D	100yr-8hr	174.959	175.000	0.0092	65530	23.422	22.388

PONDS Version 3.3.0229
Retention Pond Recovery - Refined Method
Copyright 2008
Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	GREC - Area312
Simulation Description:	Dry Retention Basin-Swales
Project Number:	
Engineer :	Claudia S. Vega
Supervising Engineer:	Claudia S. Vega
Date:	01-27-2010

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	169.50
Water Table Elevation, [WT] (ft datum):	178.50
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	7.50
Fillable Porosity, [n] (%):	25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	4800.0

Geometry Data

Equivalent Pond Length, [L] (ft):	300.0
Equivalent Pond Width, [W] (ft):	16.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
179.16	600.0
180.00	4128.0
181.00	8328.0
181.16	9000.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	180.21
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 1 :: Post100yr-24hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.482
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	11.0
Design Rainfall Duration (hours)	24.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 24 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
0.500	13.000
1.000	15.000
2.000	20.000
6.000	25.000
10.000	30.000

Scenario 2 :: Post 100yr-8hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.482
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	7.5
Design Rainfall Duration (hours)	8.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 8 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.482
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	6.3
Design Rainfall Duration (hours)	4.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 4 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.482
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	5.0
Design Rainfall Duration (hours)	2.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 2 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.482
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	4.4
Design Rainfall Duration (hours)	1.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 1 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.482
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	13.8
Design Rainfall Duration (hours)	72.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 72 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.482
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	16.0
Design Rainfall Duration (hours)	168.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 168 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.482
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	18.0
Design Rainfall Duration (hours)	240.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 240 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft^3) 2934

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
0.100	2.000
0.250	2.500
0.500	
1.000	
1.500	

Sort-By-Category Report

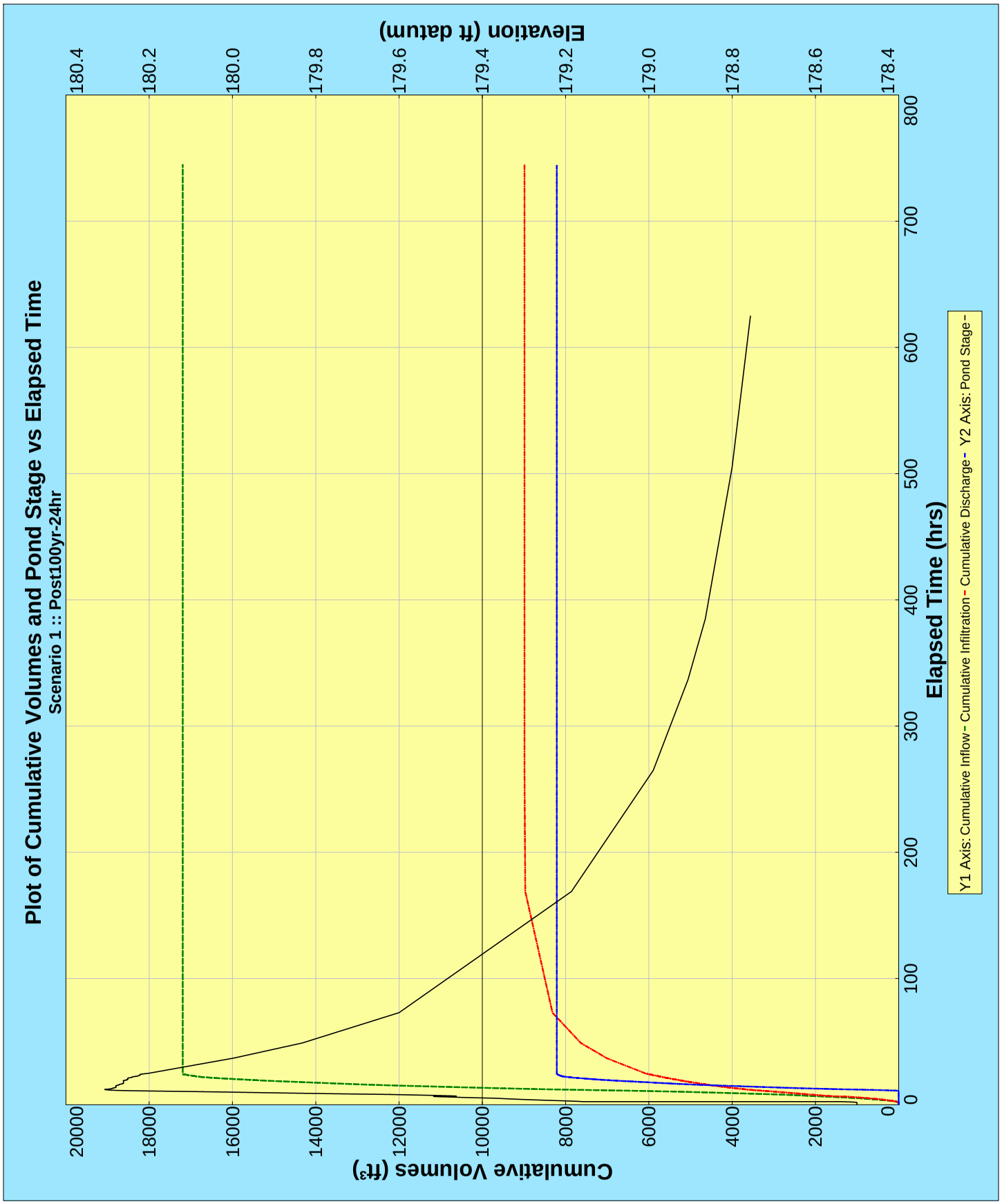
Scenarios Considered: 1 to 9

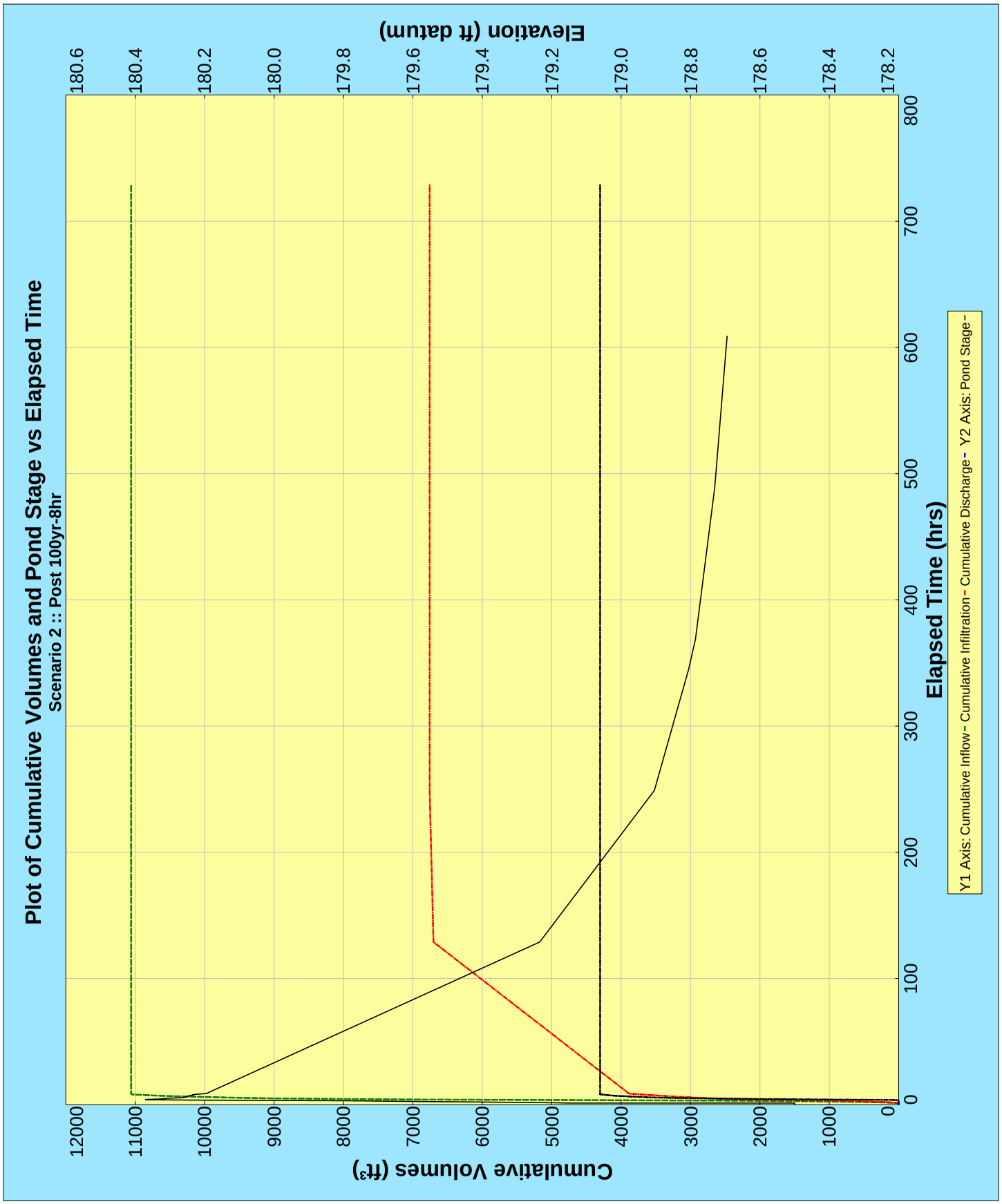
Stage - Maximum

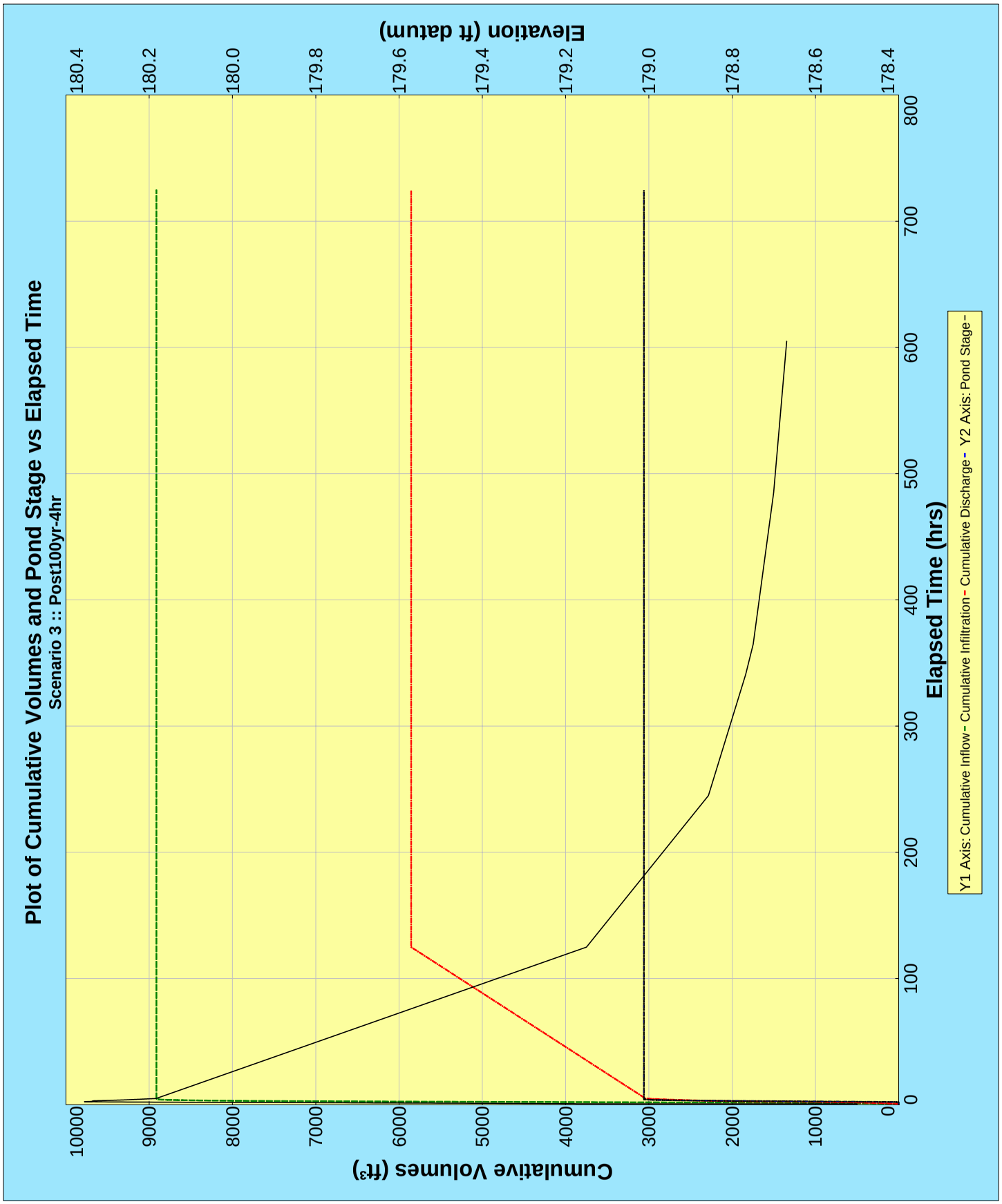
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	5	180.388	0.933	Post 100yr-1hr
2	2	180.370	4.133	Post 100yr-8hr
3	3	180.355	2.489	Post100yr-4hr
4	4	180.348	1.200	Post100yr-2hr
5	1	180.307	12.067	Post100yr-24hr
6	6	180.288	60.000	Post 100yr-3d
7	8	180.284	183.933	Post 100yr-10d
8	7	180.271	159.933	Post 100yr-7d
9	9	180.207	0.002	Treatment volume

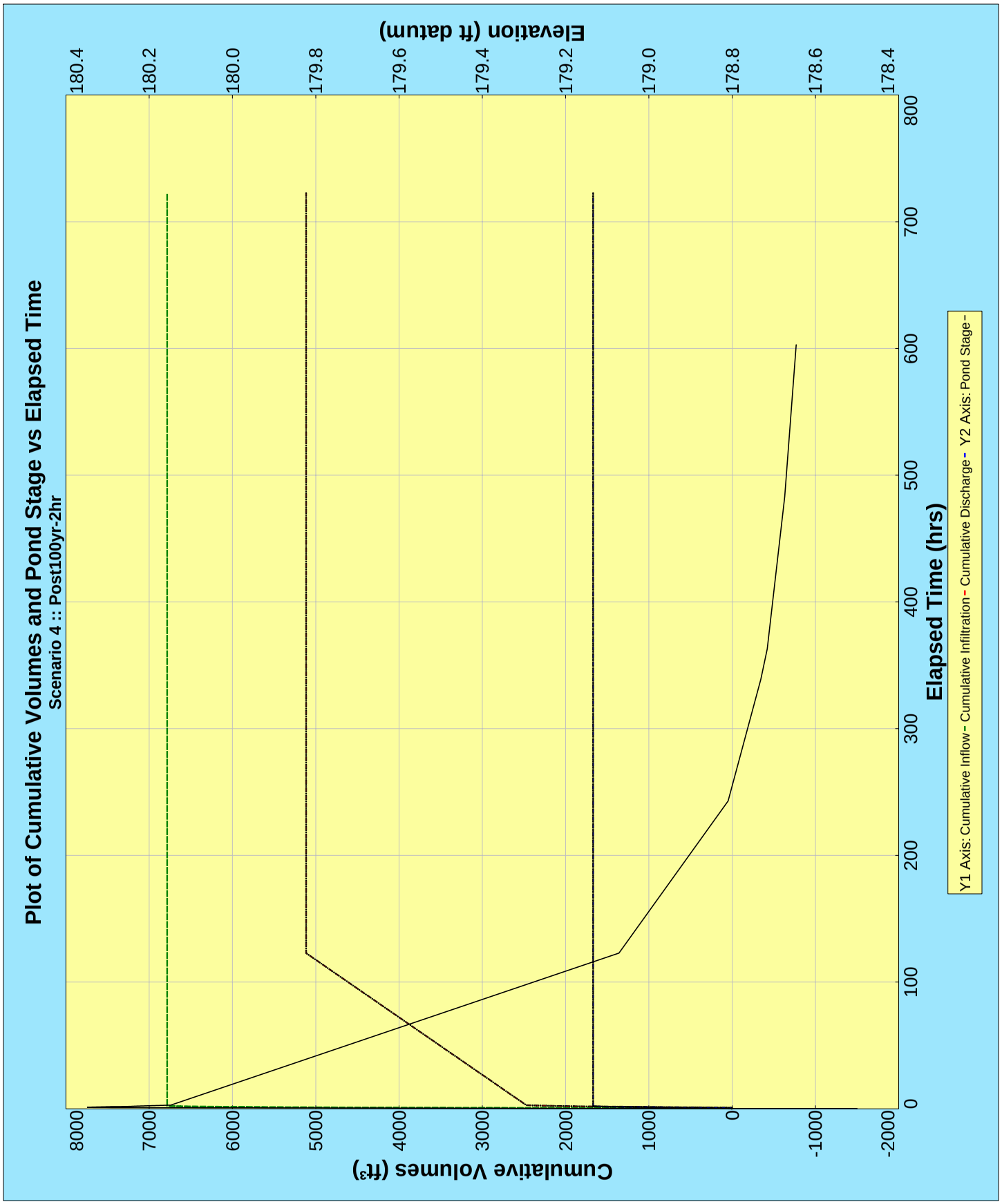
Discharge - Rate - Maximum Positive

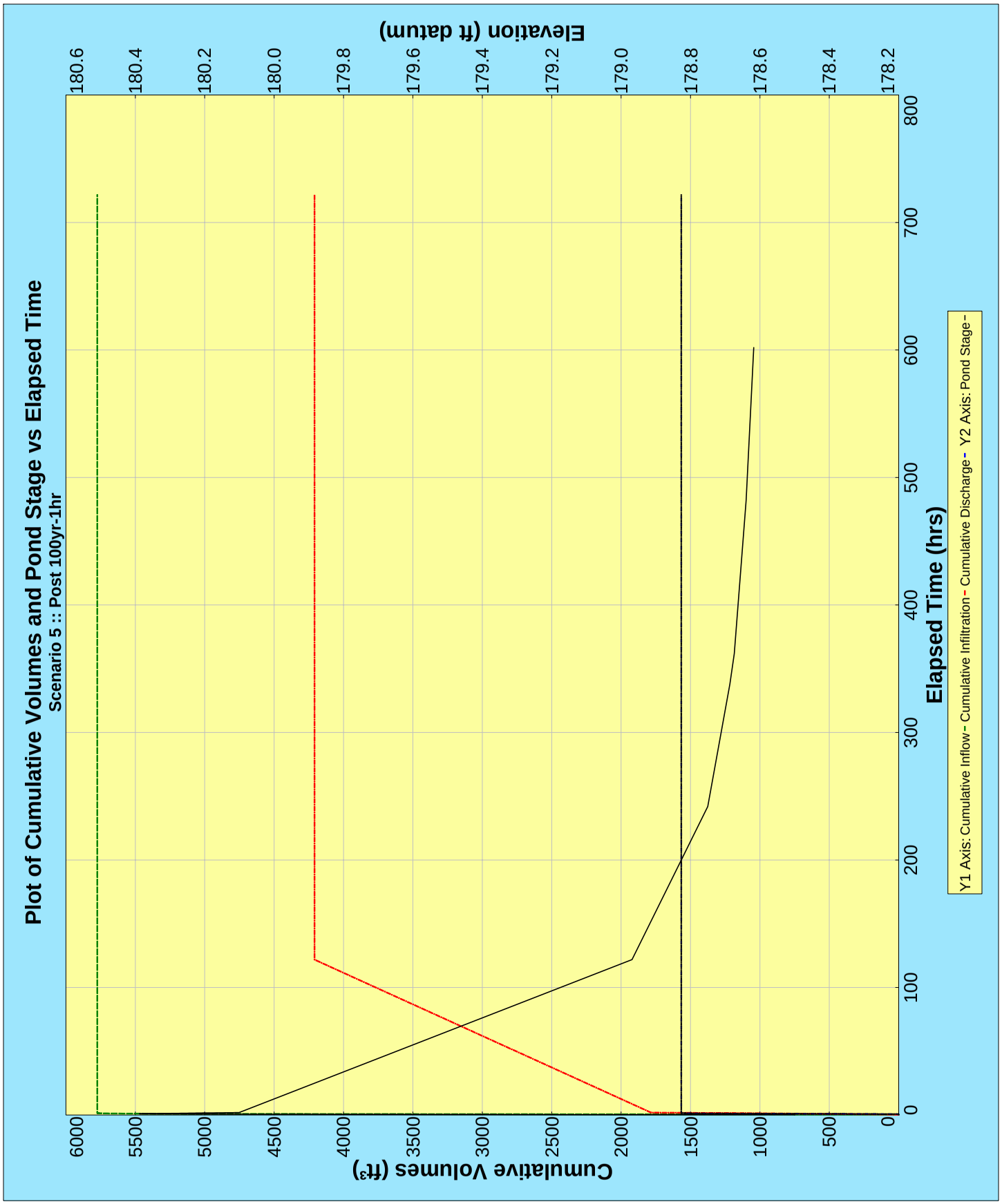
Rank	Scenario Number	Maximum Positive Discharge Rate (ft^3/s)	Time (hours)	Description
1	5	1.0704	0.933	Post 100yr-1hr
2	2	0.8700	4.133	Post 100yr-8hr
3	3	0.7922	2.489	Post100yr-4hr
4	4	0.7304	1.200	Post100yr-2hr
5	1	0.4103	12.067	Post100yr-24hr
6	6	0.2986	60.000	Post 100yr-3d
7	8	0.2720	184.000	Post 100yr-10d
8	7	0.2071	160.000	Post 100yr-7d
9	9	None	N.A.	Treatment volume

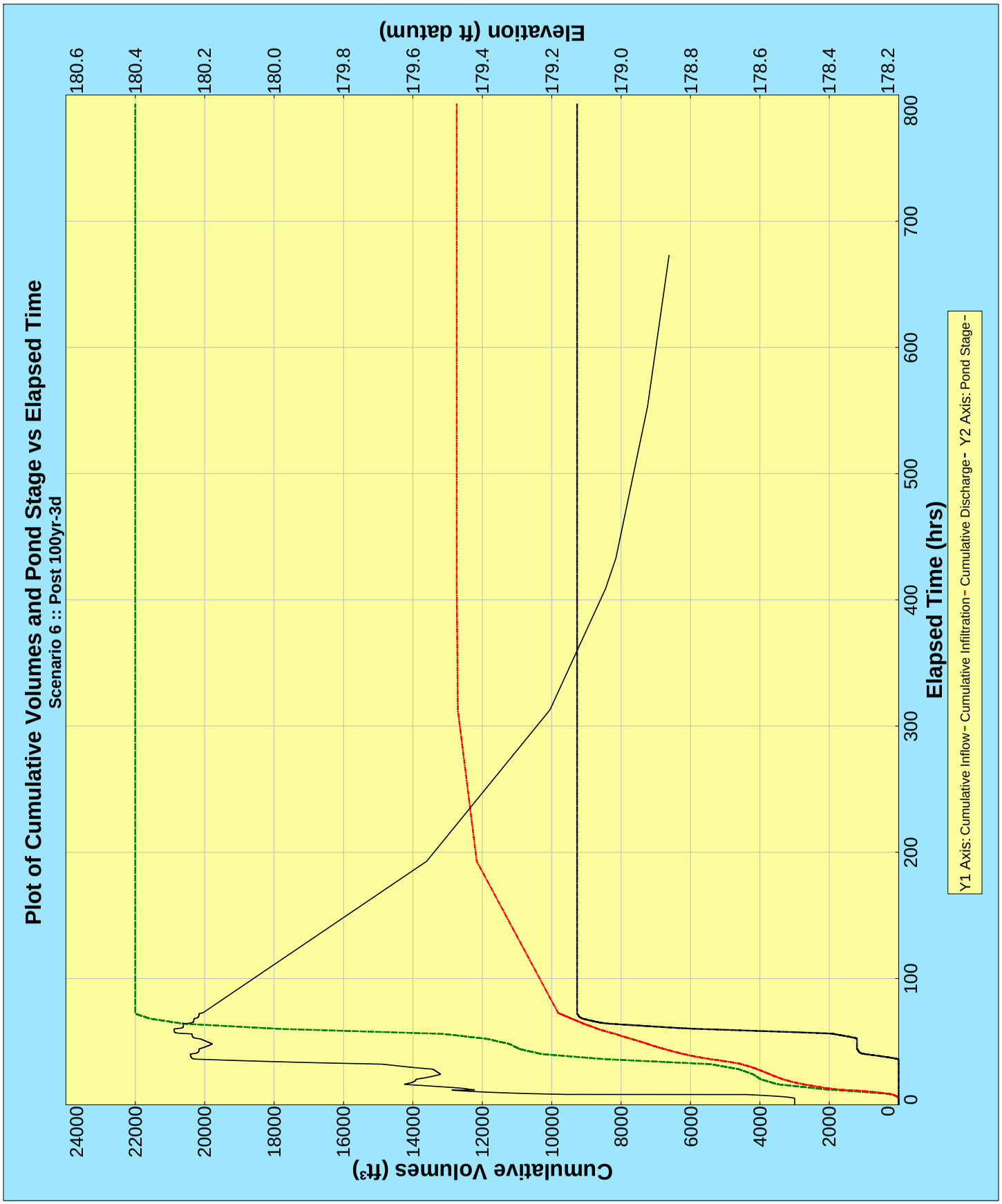

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 1 :: Post100yr-24hr
Elevation (ft datum)
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
Cumulative Volumes (ft³)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

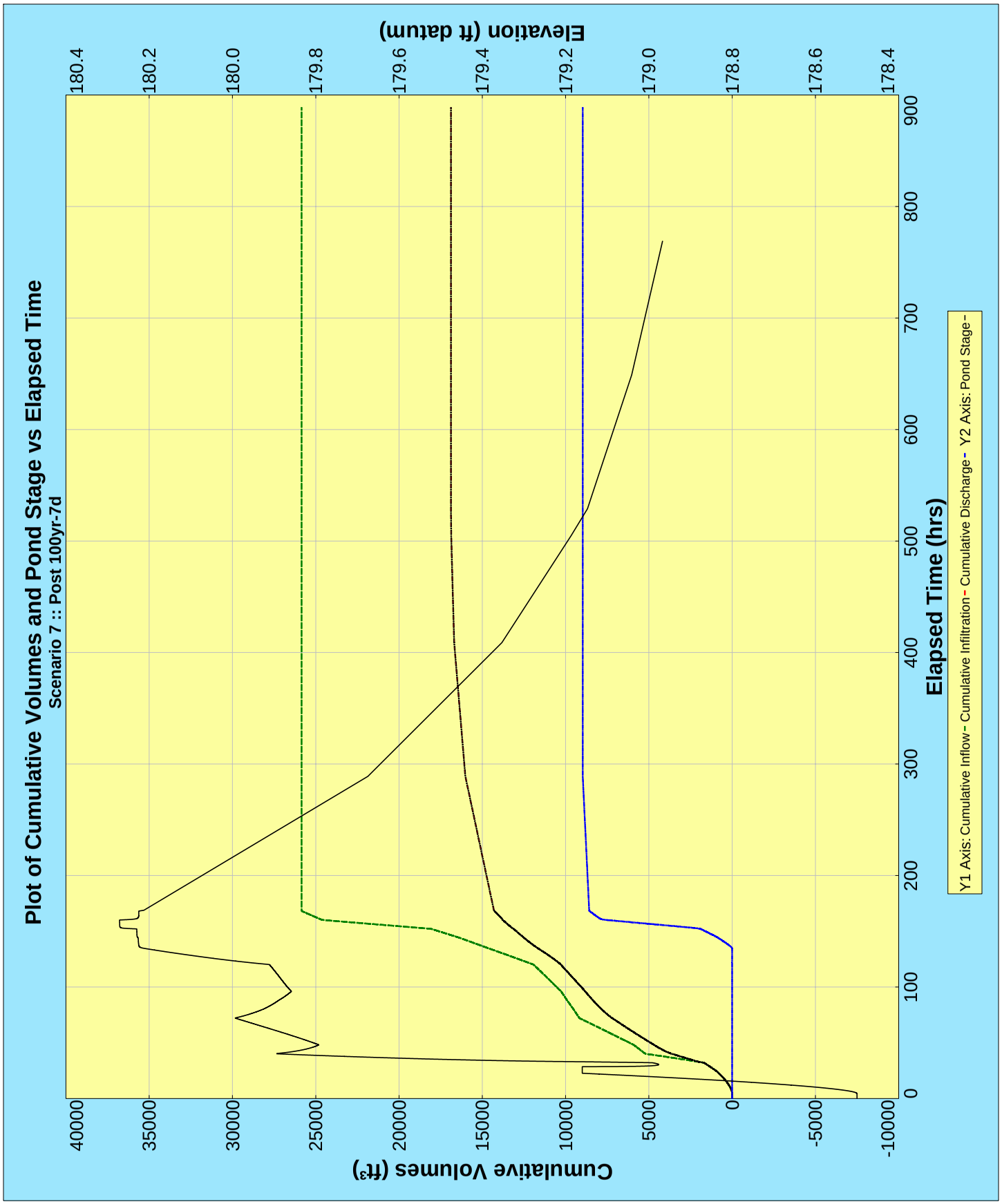

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 2 :: Post 100yr-8hr
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -
0
1000
2000
3000
4000
5000
6000
7000
8000
9000
10000
11000
12000
178.2
178.4
178.6
178.8
179.0
179.2
179.4
179.6
179.8
180.0
180.2
180.4
180.6
0
100
200
300
400
500
600
700
800

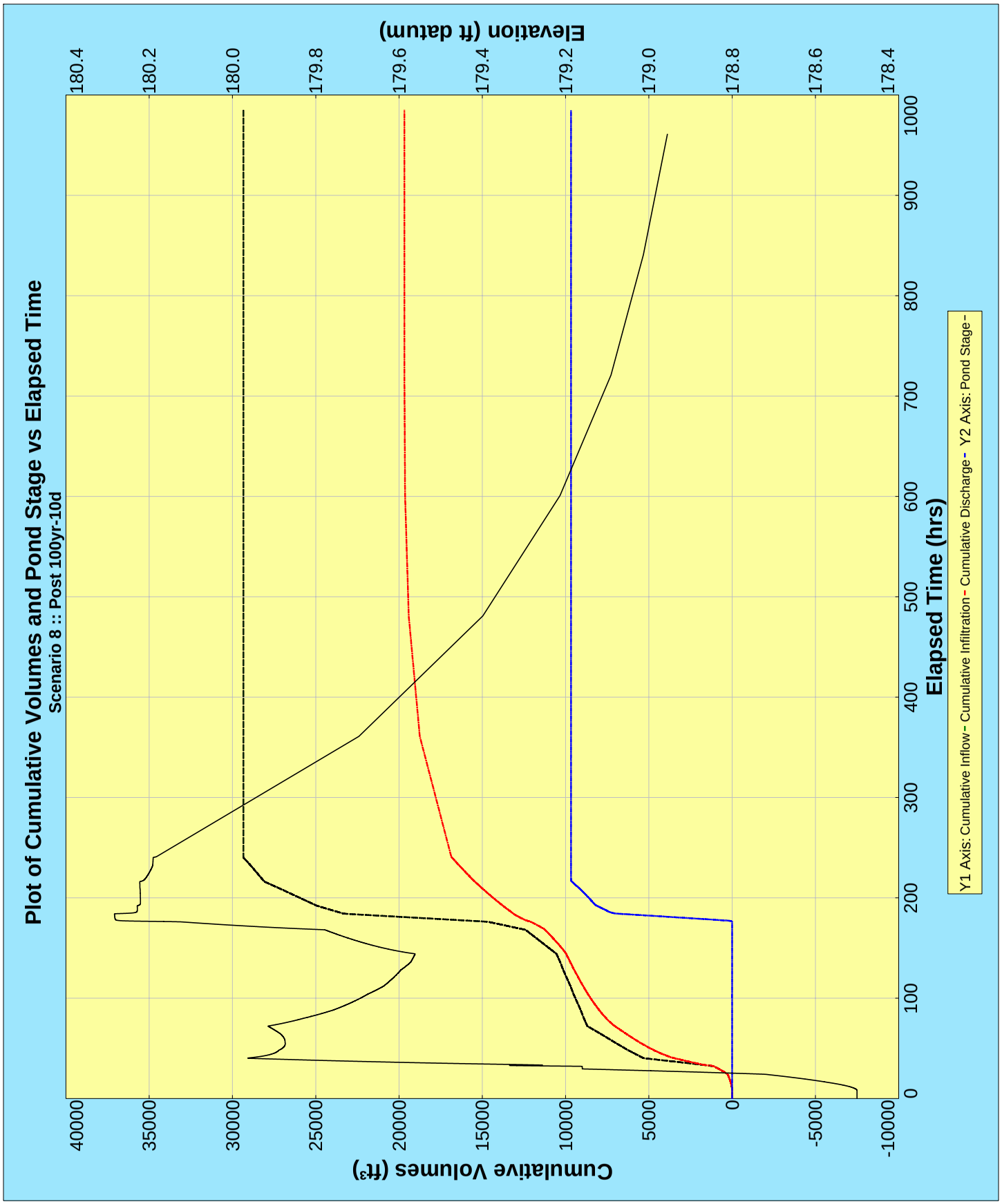

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 3 :: Post100yr-4hr
Elevation (ft datum)
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
Cumulative Volumes (ft³)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

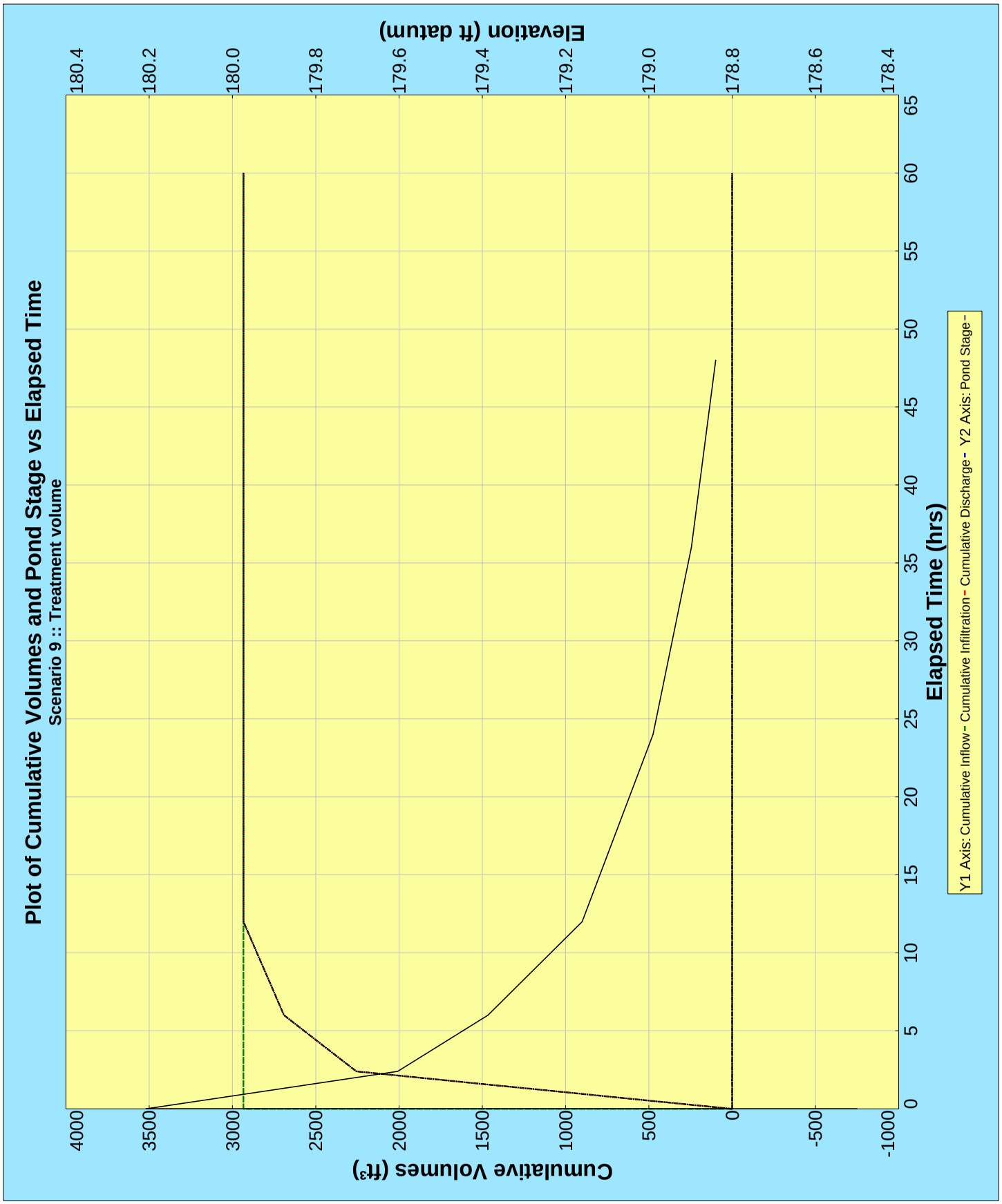

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 4 :: Post100yr-2hr
Elevation (ft datum)
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
Cumulative Volumes (ft³)
8000
7000
6000
5000
4000
3000
2000
1000
0
-1000
-2000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 5 :: Post 100yr-1hr
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
178.2
178.4
178.6
178.8
179.0
179.2
179.4
179.6
179.8
180.0
180.2
180.4
180.6
0
100
200
300
400
500
600
700
800


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 6 :: Post 100yr-3d
Elevation (ft datum)
180.6
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
Cumulative Volumes (ft³)
24000
22000
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 7 :: Post 100yr-7d
Elevation (ft datum)
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
Cumulative Volumes (ft³)
40000
35000
30000
25000
20000
15000
10000
5000
0
-5000
-10000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 8 :: Post 100yr-10d
Elevation (ft datum)
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
Cumulative Volumes (ft³)
40000
35000
30000
25000
20000
15000
10000
5000
0
-5000
-10000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
1000
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 9 :: Treatment volume
Elevation (ft datum)
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
Cumulative Volumes (ft³)
4000
3500
3000
2500
2000
1500
1000
500
0
-500
-1000
Elapsed Time (hrs)
0
5
10
15
20
25
30
35
40
45
50
55
60
65
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

PONDS Version 3.3.0229
Retention Pond Recovery - Refined Method
Copyright 2008
Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	GREC - Area314
Simulation Description:	Dry Retention Basin-Swales
Project Number:	
Engineer :	Claudia S. Vega
Supervising Engineer:	Claudia S. Vega
Date:	01-27-2010

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	176.00
Water Table Elevation, [WT] (ft datum):	177.75
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	7.50
Fillable Porosity, [n] (%):	25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	7680.0

Geometry Data

Equivalent Pond Length, [L] (ft):	480.0
Equivalent Pond Width, [W] (ft):	16.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
178.55	960.0
179.00	3984.0
180.00	10704.0
180.55	14400.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	179.62
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 1 :: Post100yr-24hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.771
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	11.0
Design Rainfall Duration (hours)	24.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 24 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
0.500	13.000
1.000	15.000
2.000	20.000
6.000	25.000
10.000	30.000

Scenario 2 :: Post 100yr-8hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.771
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	7.5
Design Rainfall Duration (hours)	8.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 8 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.771
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	6.3
Design Rainfall Duration (hours)	4.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 4 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.771
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	5.0
Design Rainfall Duration (hours)	2.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 2 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.771
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	4.4
Design Rainfall Duration (hours)	1.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 1 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.771
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	13.8
Design Rainfall Duration (hours)	72.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 72 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
2.000	16.000
5.000	20.000
10.000	25.000
14.000	30.000
15.000	

Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.771
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	16.0
Design Rainfall Duration (hours)	168.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 168 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	20.000
10.000	25.000
14.000	30.000
15.000	
16.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.771
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	18.0
Design Rainfall Duration (hours)	240.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 240 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft^3) 4695

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
0.100	2.000
0.250	2.500
0.500	
1.000	
1.500	

Sort-By-Category Report

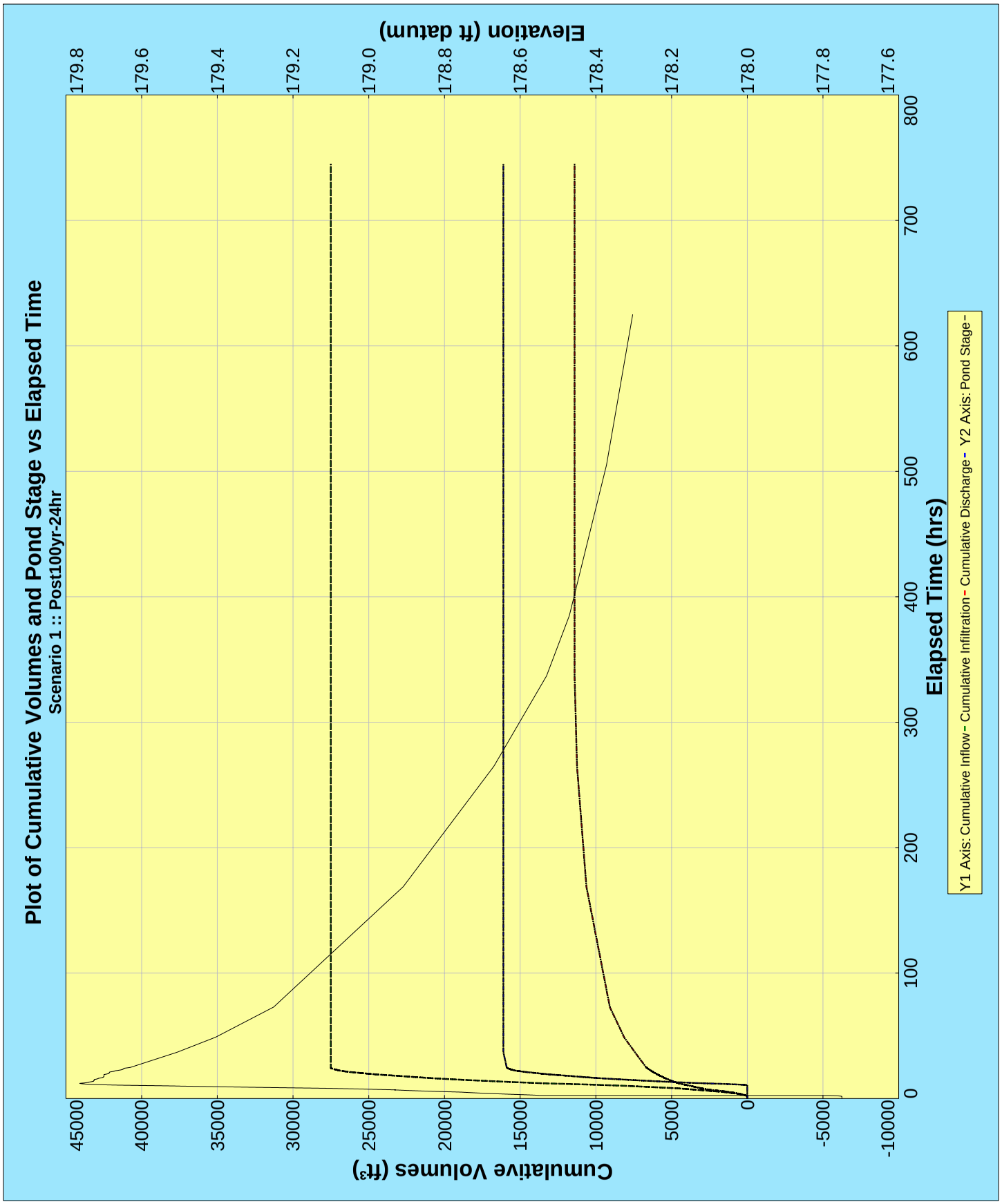
Scenarios Considered: 1 to 9

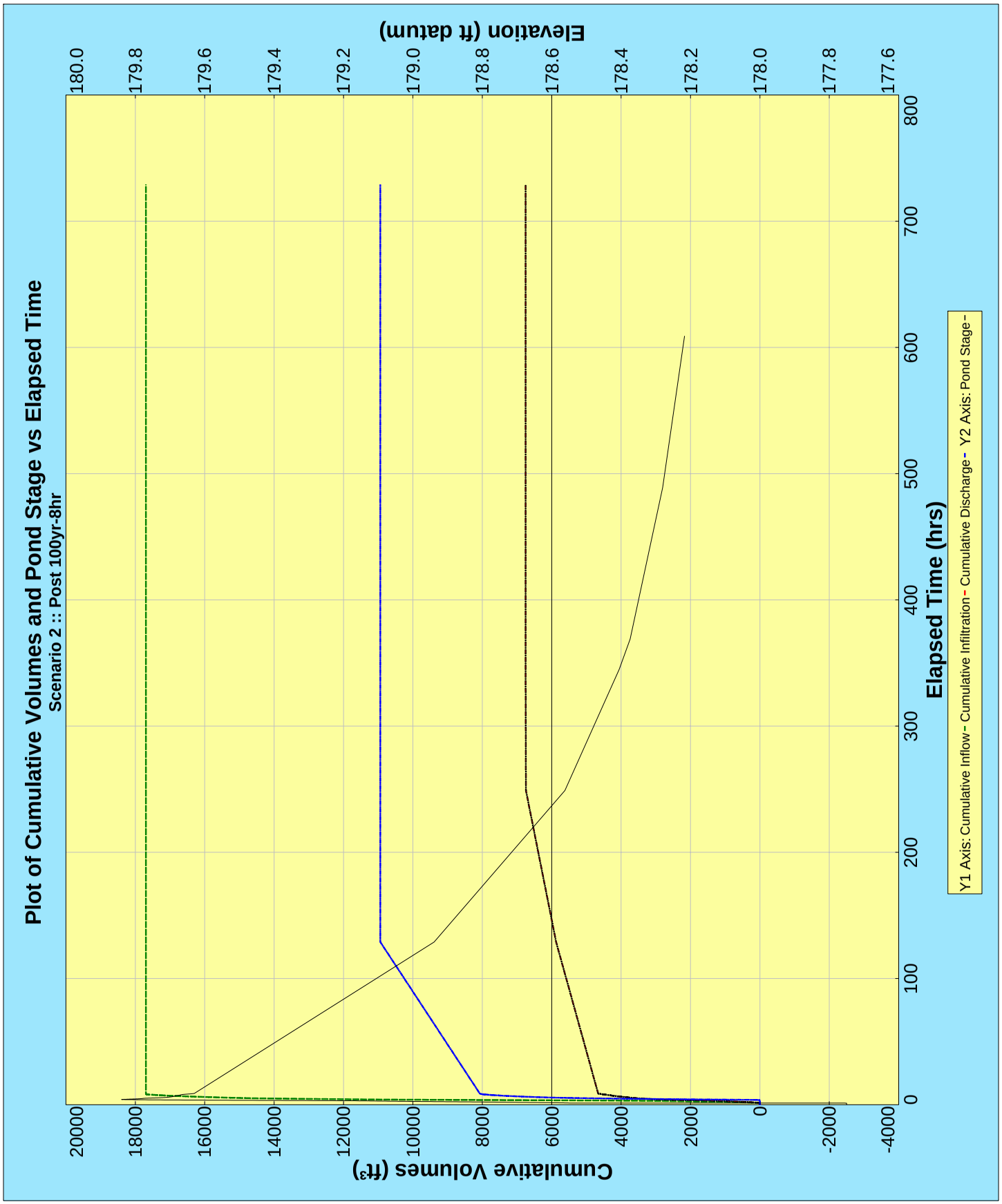
Stage - Maximum

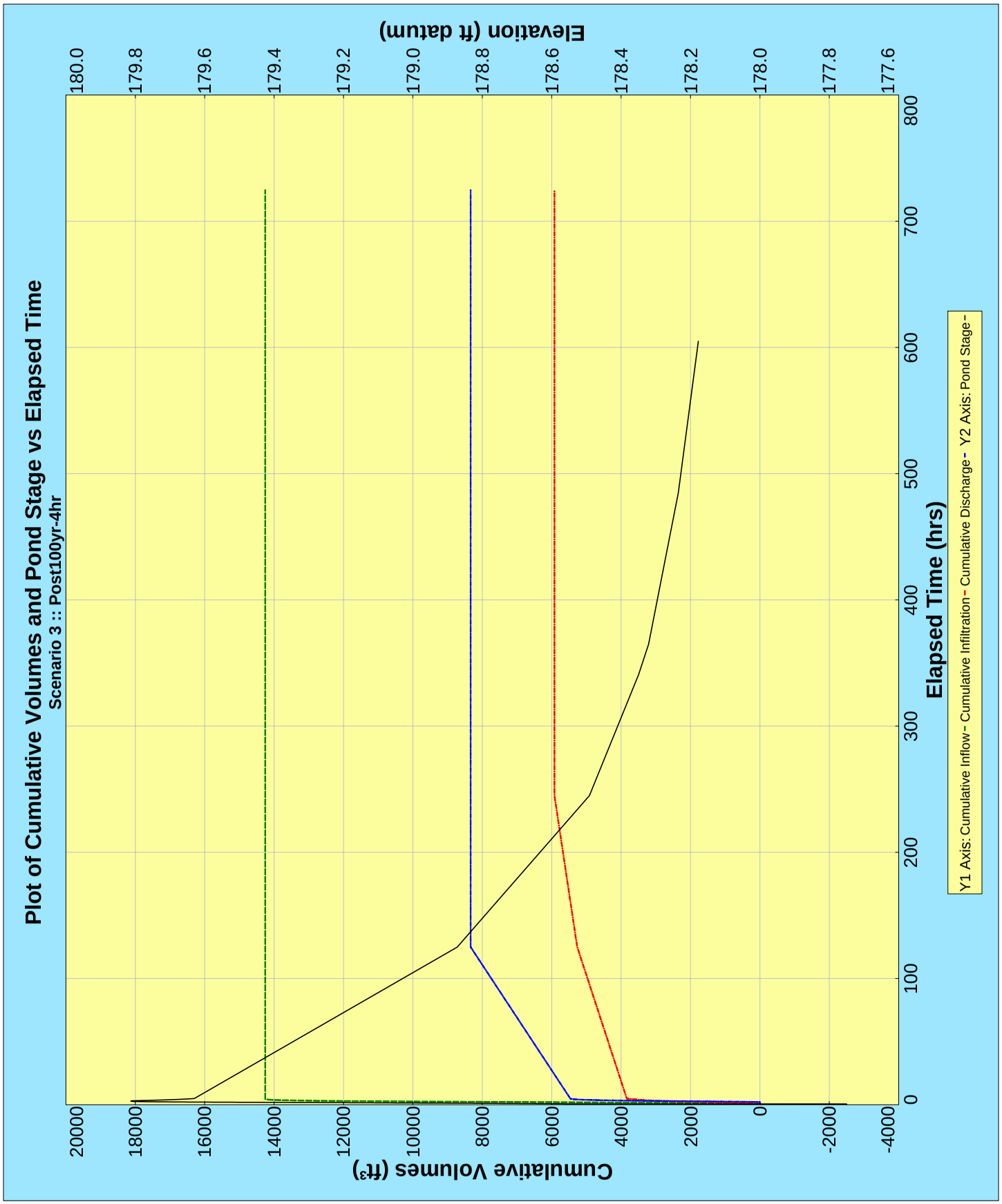
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	2	179.840	4.156	Post 100yr-8hr
2	5	179.817	0.978	Post 100yr-1hr
3	3	179.813	2.889	Post100yr-4hr
4	4	179.777	1.289	Post100yr-2hr
5	1	179.763	12.089	Post100yr-24hr
6	6	179.733	59.956	Post 100yr-3d
7	8	179.728	183.822	Post 100yr-10d
8	7	179.709	159.845	Post 100yr-7d
9	9	179.598	0.002	Treatment volume

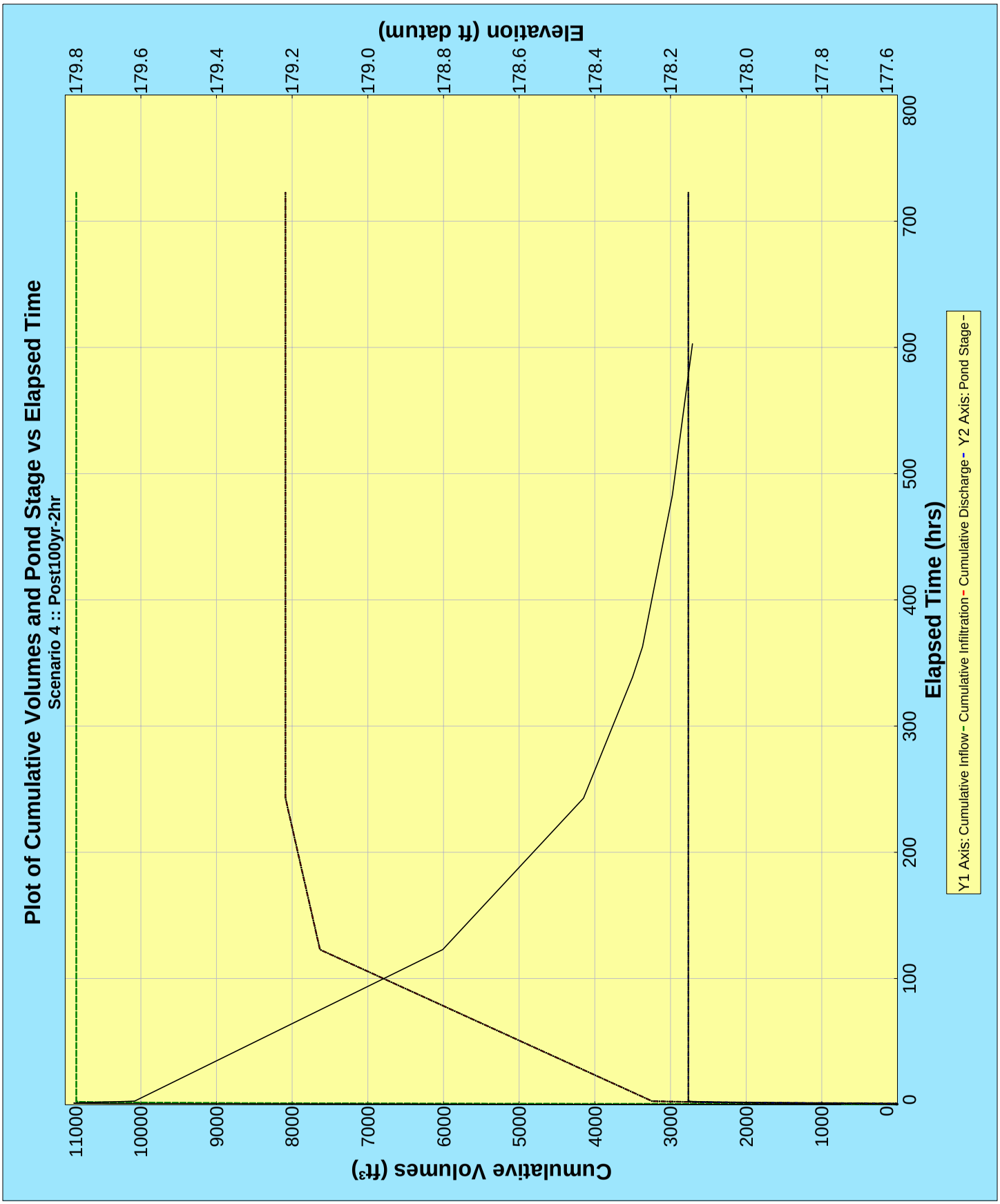
Discharge - Rate - Maximum Positive

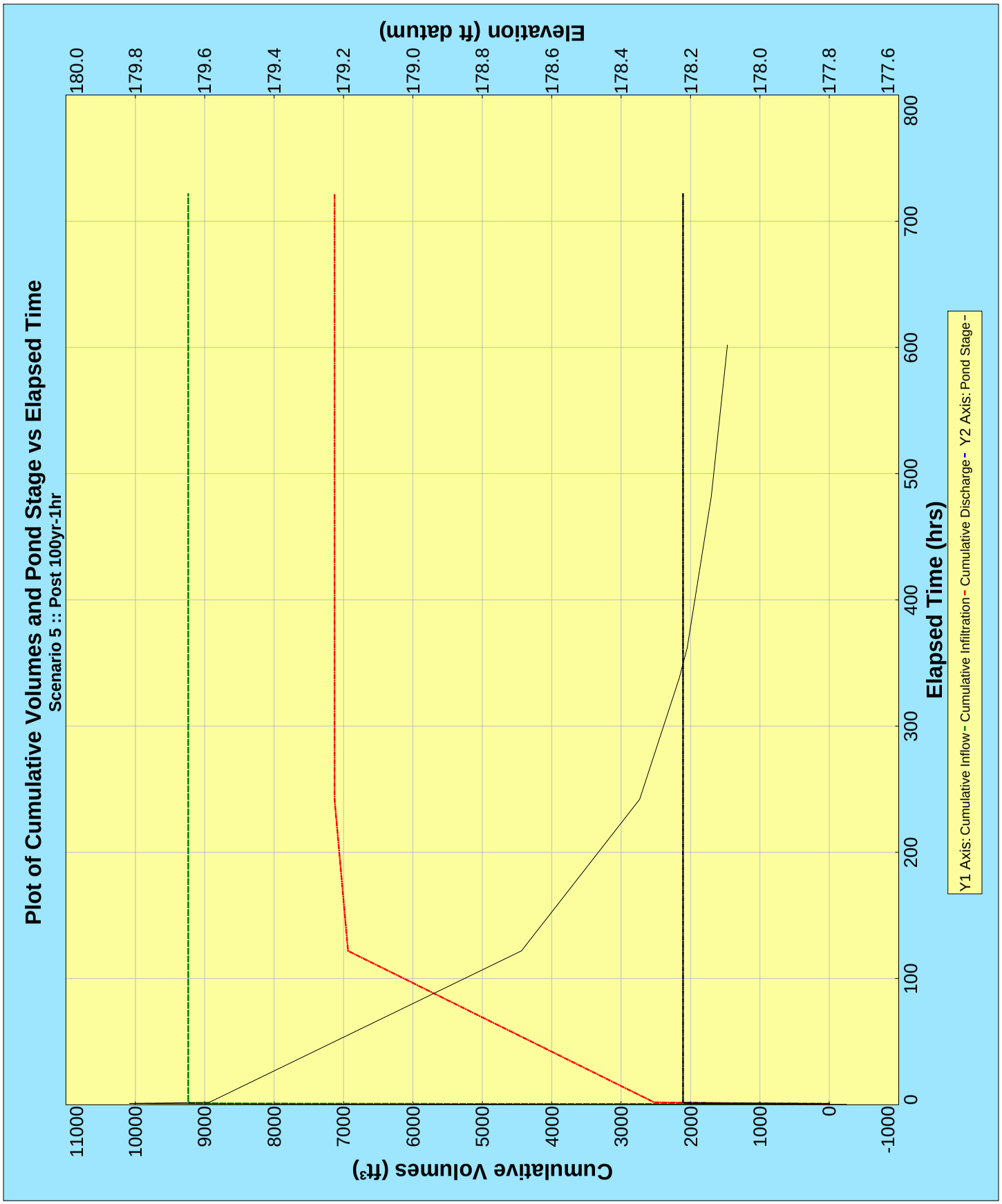
Rank	Scenario Number	Maximum Positive Discharge Rate (ft^3/s)	Time (hours)	Description
1	2	1.3411	4.156	Post 100yr-8hr
2	5	1.2457	0.978	Post 100yr-1hr
3	3	1.1471	2.644	Post100yr-4hr
4	4	0.8920	1.289	Post100yr-2hr
5	1	0.7075	12.089	Post100yr-24hr
6	6	0.5006	60.000	Post 100yr-3d
7	8	0.4642	184.000	Post 100yr-10d
8	7	0.3489	160.000	Post 100yr-7d
9	9	None	N.A.	Treatment volume

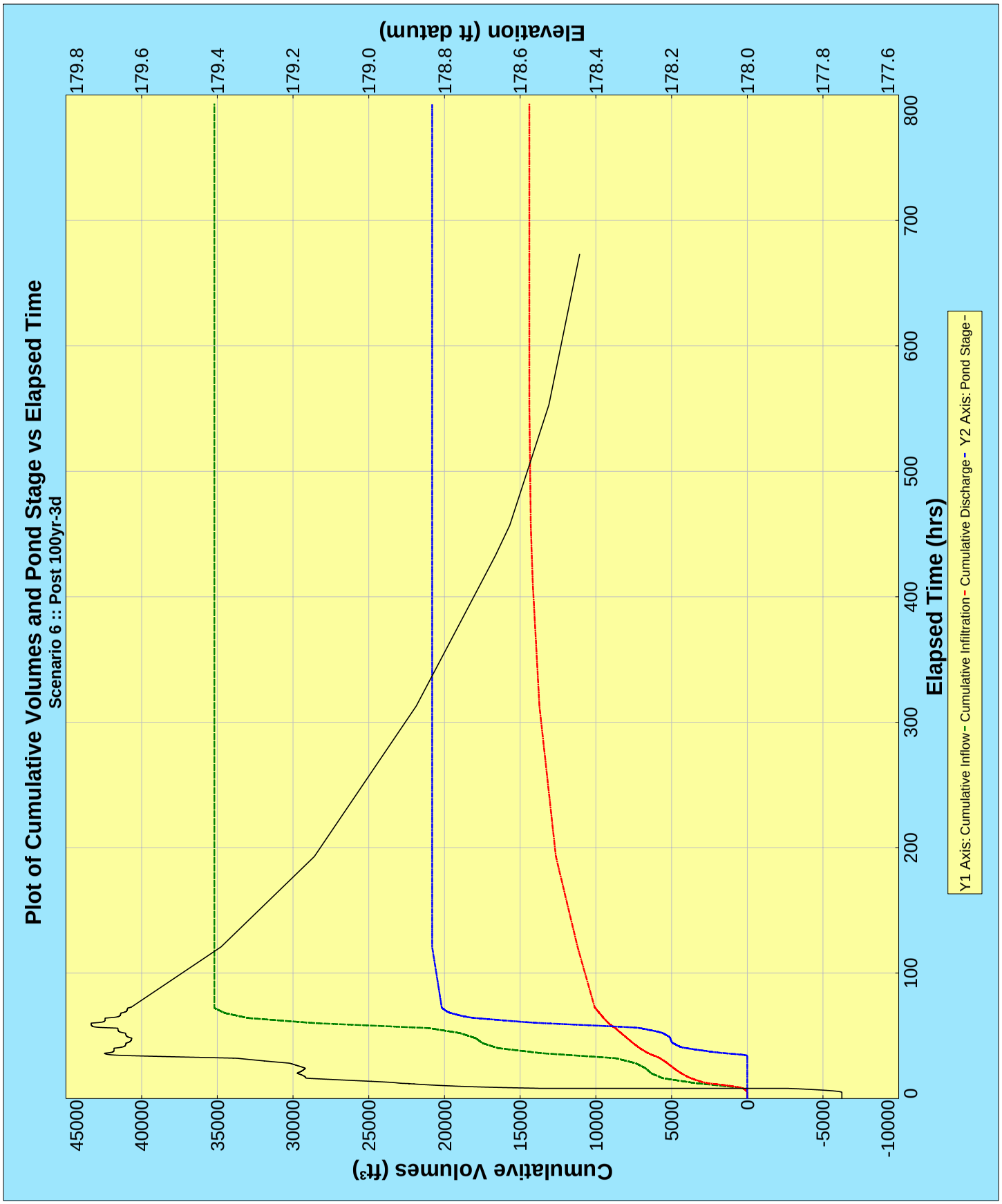

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 1 :: Post100yr-24hr
Elevation (ft datum)
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
Cumulative Volumes (ft³)
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
-5000
-10000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

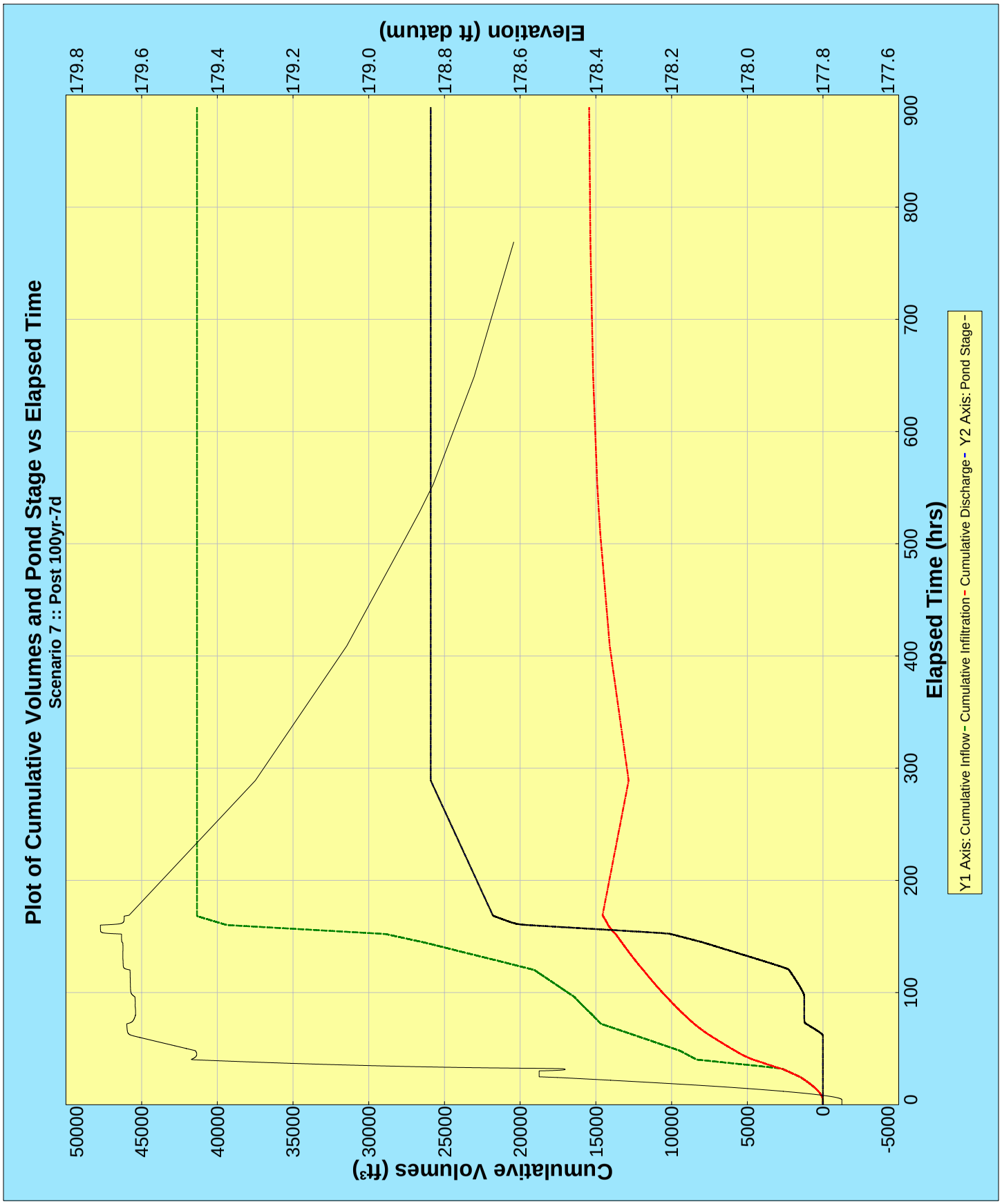

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 2 :: Post 100yr-8hr
Elevation (ft datum)
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
Cumulative Volumes (ft³)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
-2000
-4000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

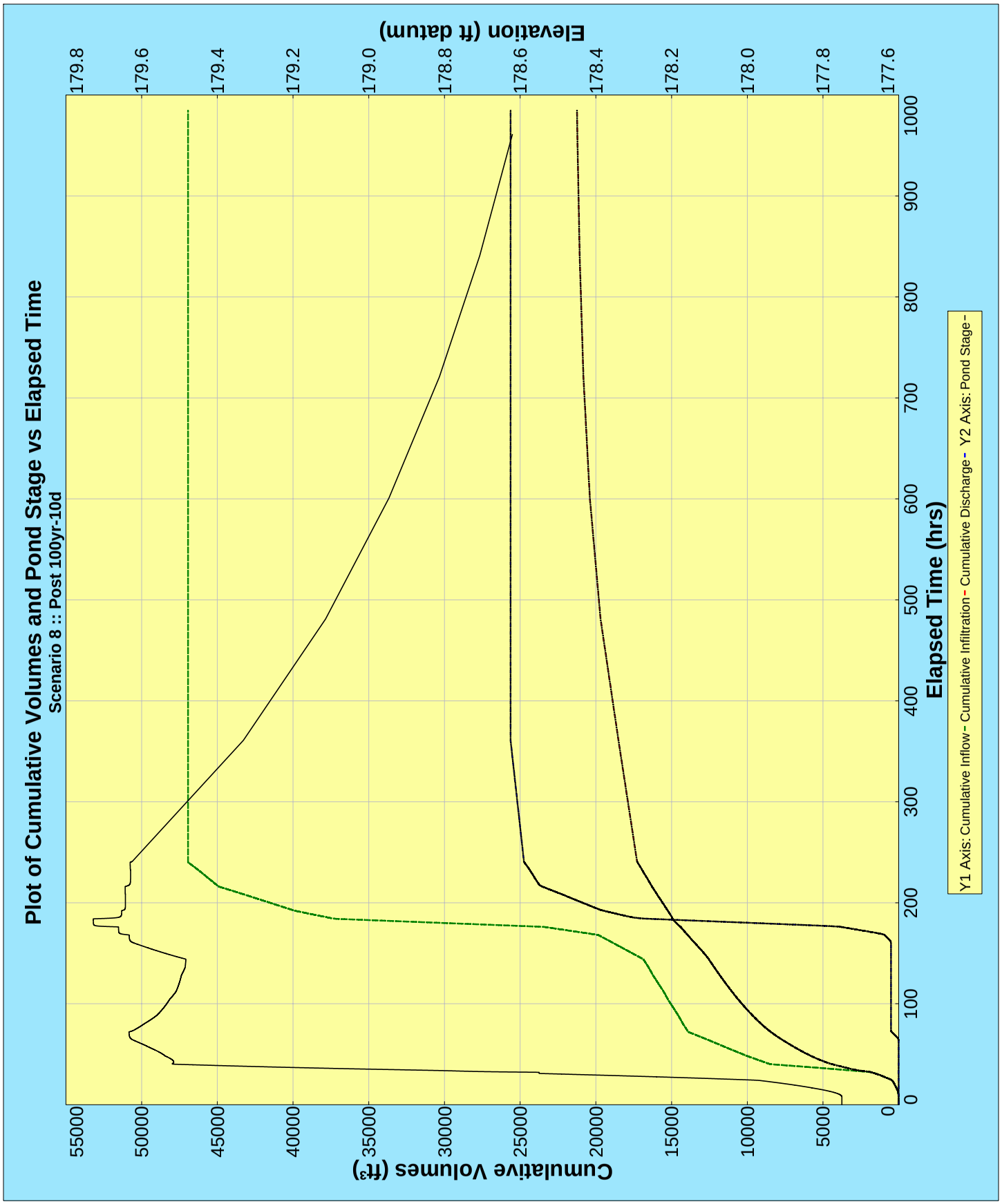

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 3 :: Post100yr-4hr
Elevation (ft datum)
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
Cumulative Volumes (ft³)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
-2000
-4000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

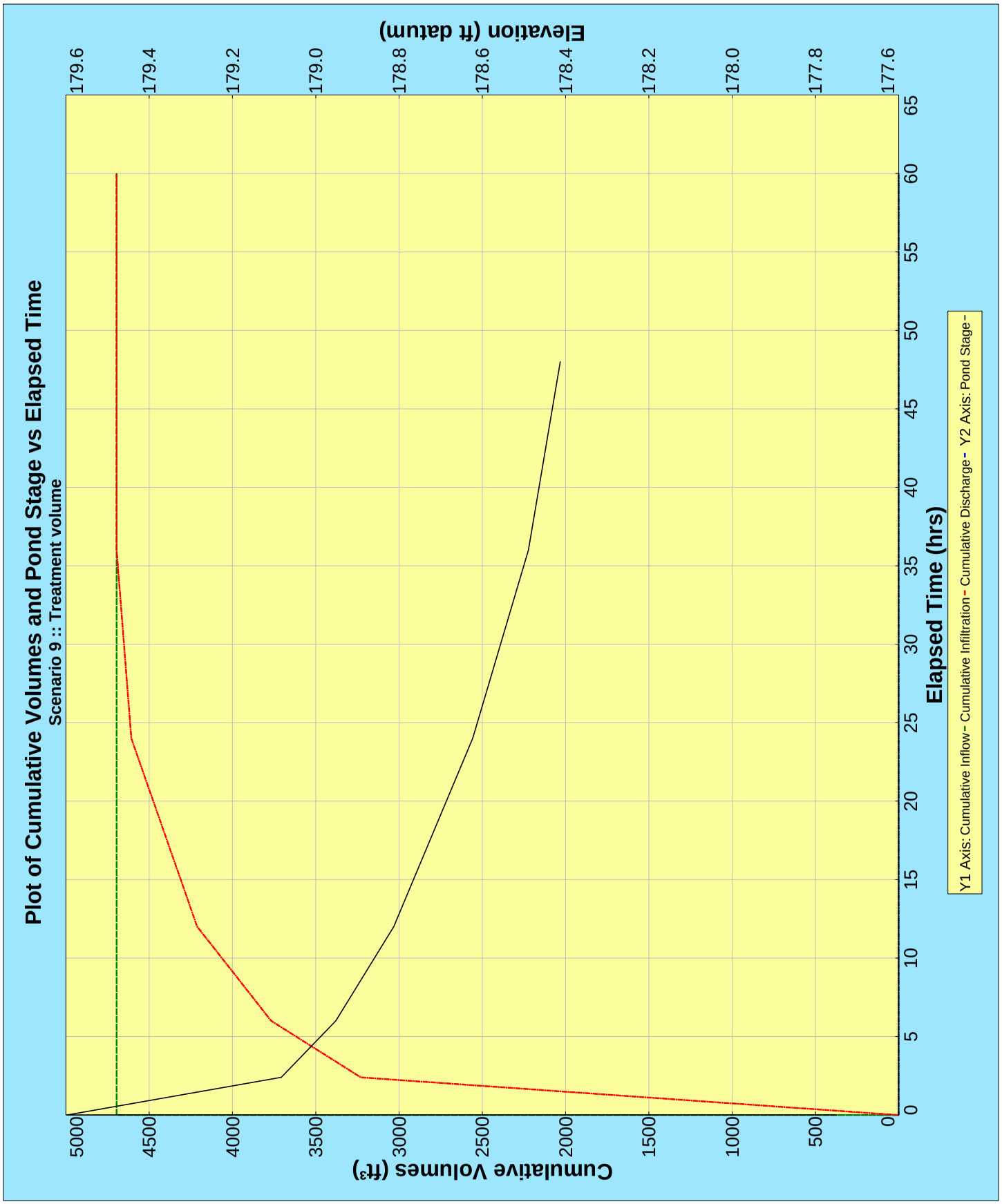

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 4 :: Post100yr-2hr
Elevation (ft datum)
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
Cumulative Volumes (ft³)
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 5 :: Post 100yr-1hr
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
-1000
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
0
100
200
300
400
500
600
700
800


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 6 :: Post 100yr-3d
Elevation (ft datum)
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
Cumulative Volumes (ft³)
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
-5000
-10000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 7 :: Post 100yr-7d
Elevation (ft datum)
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
Cumulative Volumes (ft³)
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
-5000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 8 :: Post 100yr-10d
Elevation (ft datum)
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
178.2
178.0
177.8
177.6
Cumulative Volumes (ft³)
55000
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
1000
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 9 :: Treatment volume
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

PONDS Version 3.3.0229
Retention Pond Recovery - Refined Method
Copyright 2008
Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	GREC - Area318
Simulation Description:	Dry Retention Basin-Swales
Project Number:	
Engineer :	Claudia S. Vega
Supervising Engineer:	Claudia S. Vega
Date:	01-27-2010

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	177.25
Water Table Elevation, [WT] (ft datum):	178.50
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	7.50
Fillable Porosity, [n] (%):	25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	2240.0

Geometry Data

Equivalent Pond Length, [L] (ft):	140.0
Equivalent Pond Width, [W] (ft):	16.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
179.26	280.0
180.00	1730.0
181.00	3690.0
181.26	4200.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	180.32
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 1 :: Post100yr-24hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.225
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	11.0
Design Rainfall Duration (hours)	24.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 24 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
1.000	15.000
3.000	20.000
6.000	25.000
10.000	30.000
12.000	

Scenario 2 :: Post 100yr-8hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.225
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	7.5
Design Rainfall Duration (hours)	8.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 8 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.225
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	6.3
Design Rainfall Duration (hours)	4.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 4 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.225
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	5.0
Design Rainfall Duration (hours)	2.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 2 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.225
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	4.4
Design Rainfall Duration (hours)	1.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 1 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.225
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	13.8
Design Rainfall Duration (hours)	72.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 72 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.225
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	16.0
Design Rainfall Duration (hours)	168.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 168 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	0.225
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	18.0
Design Rainfall Duration (hours)	240.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 240 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft^3) 1369

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
0.100	2.500
0.500	3.000
1.000	3.500
1.500	
2.000	

Sort-By-Category Report

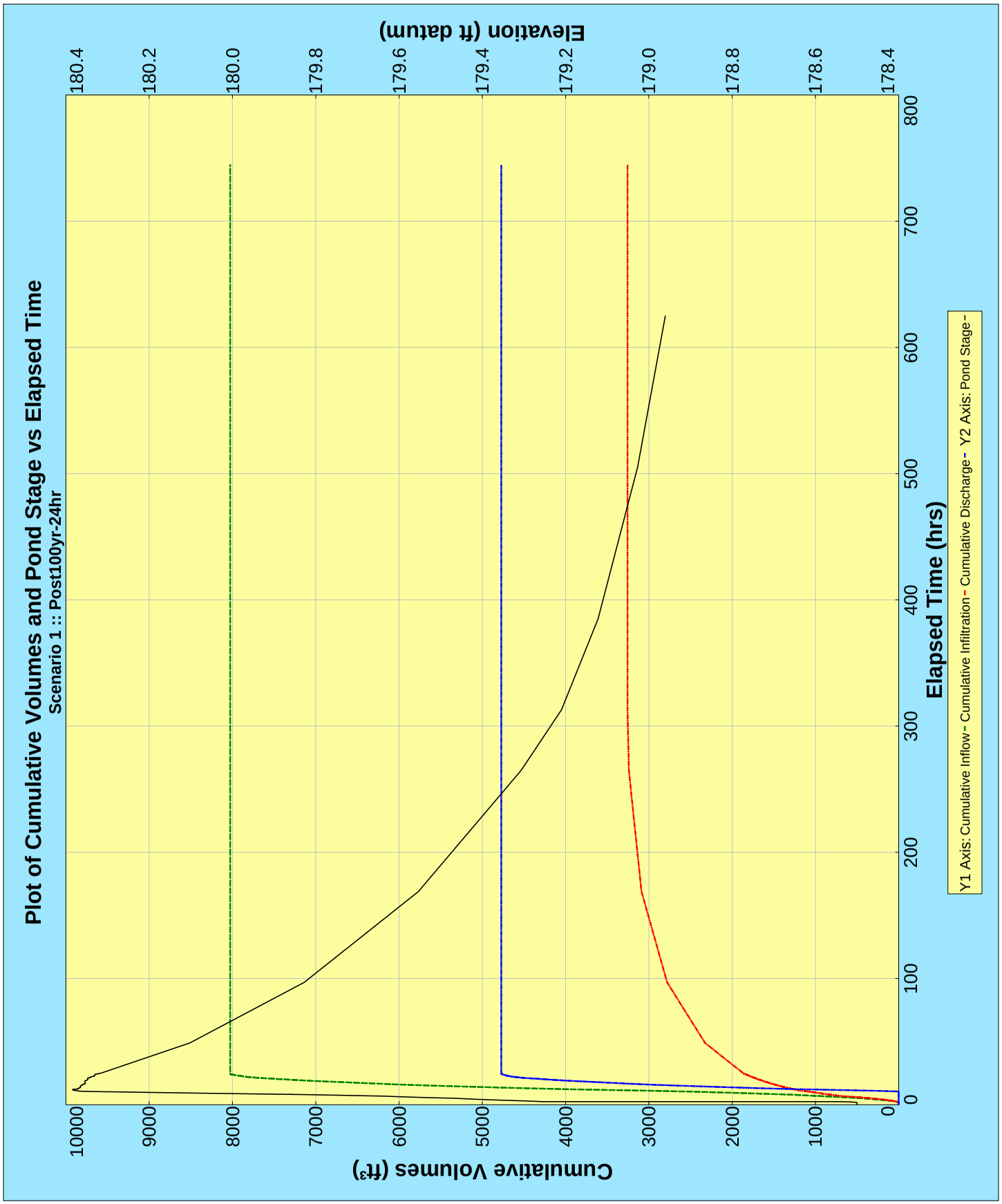
Scenarios Considered: 1 to 9

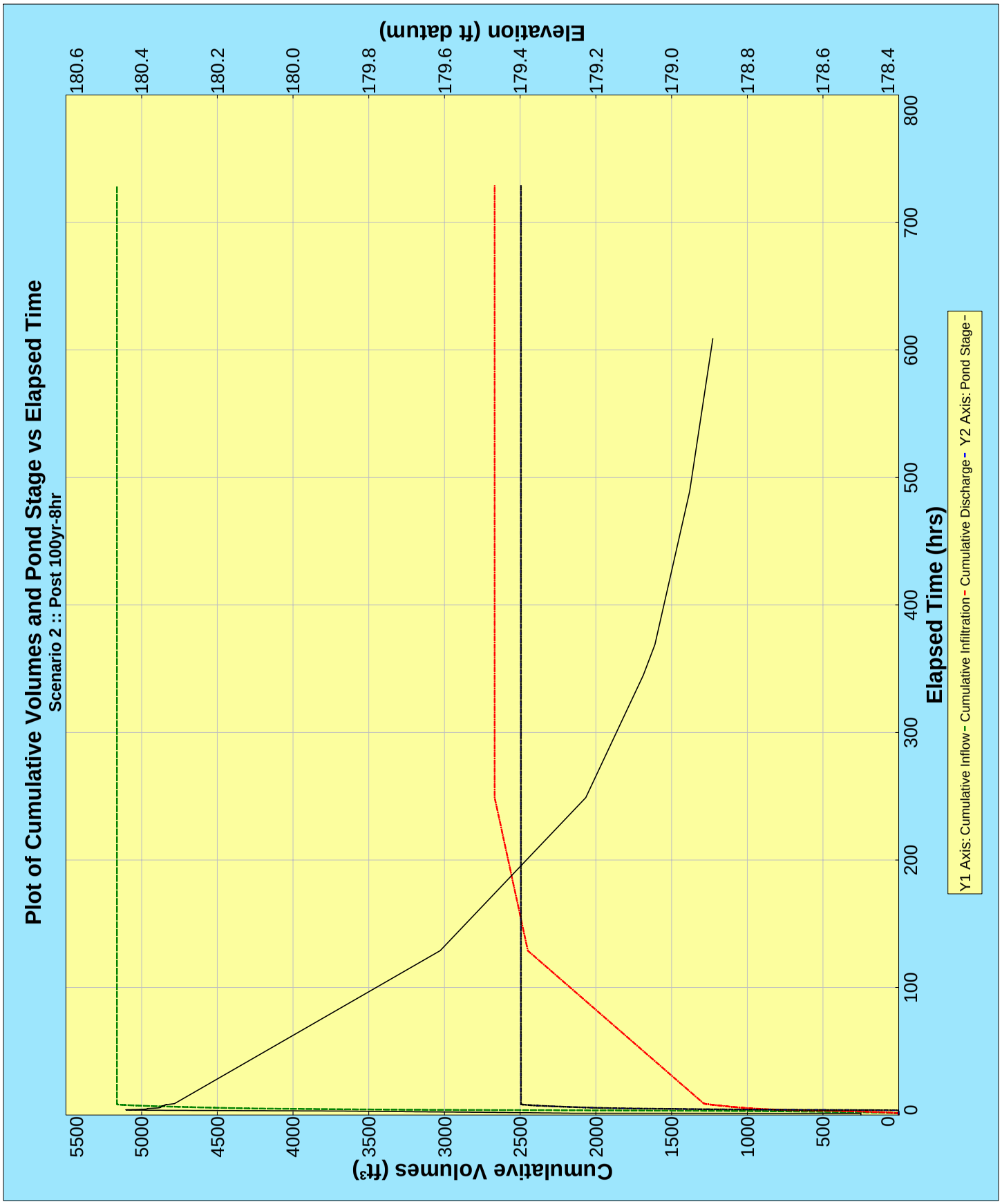
Stage - Maximum

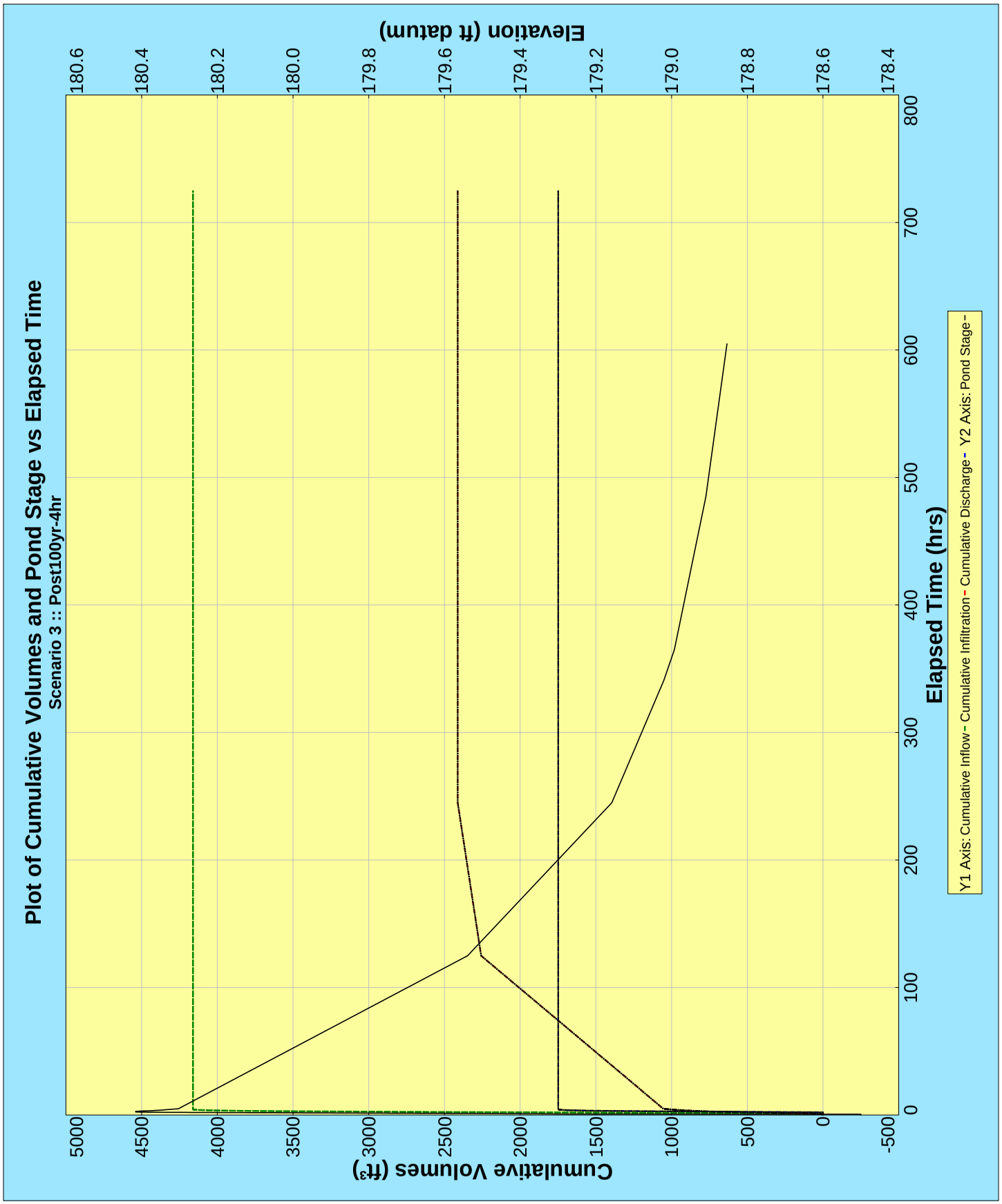
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	5	180.449	0.889	Post 100yr-1hr
2	2	180.442	4.067	Post 100yr-8hr
3	4	180.417	1.133	Post100yr-2hr
4	3	180.416	2.533	Post100yr-4hr
5	1	180.384	12.022	Post100yr-24hr
6	6	180.369	59.978	Post 100yr-3d
7	8	180.366	183.689	Post 100yr-10d
8	7	180.358	159.778	Post 100yr-7d
9	9	180.307	0.002	Treatment volume

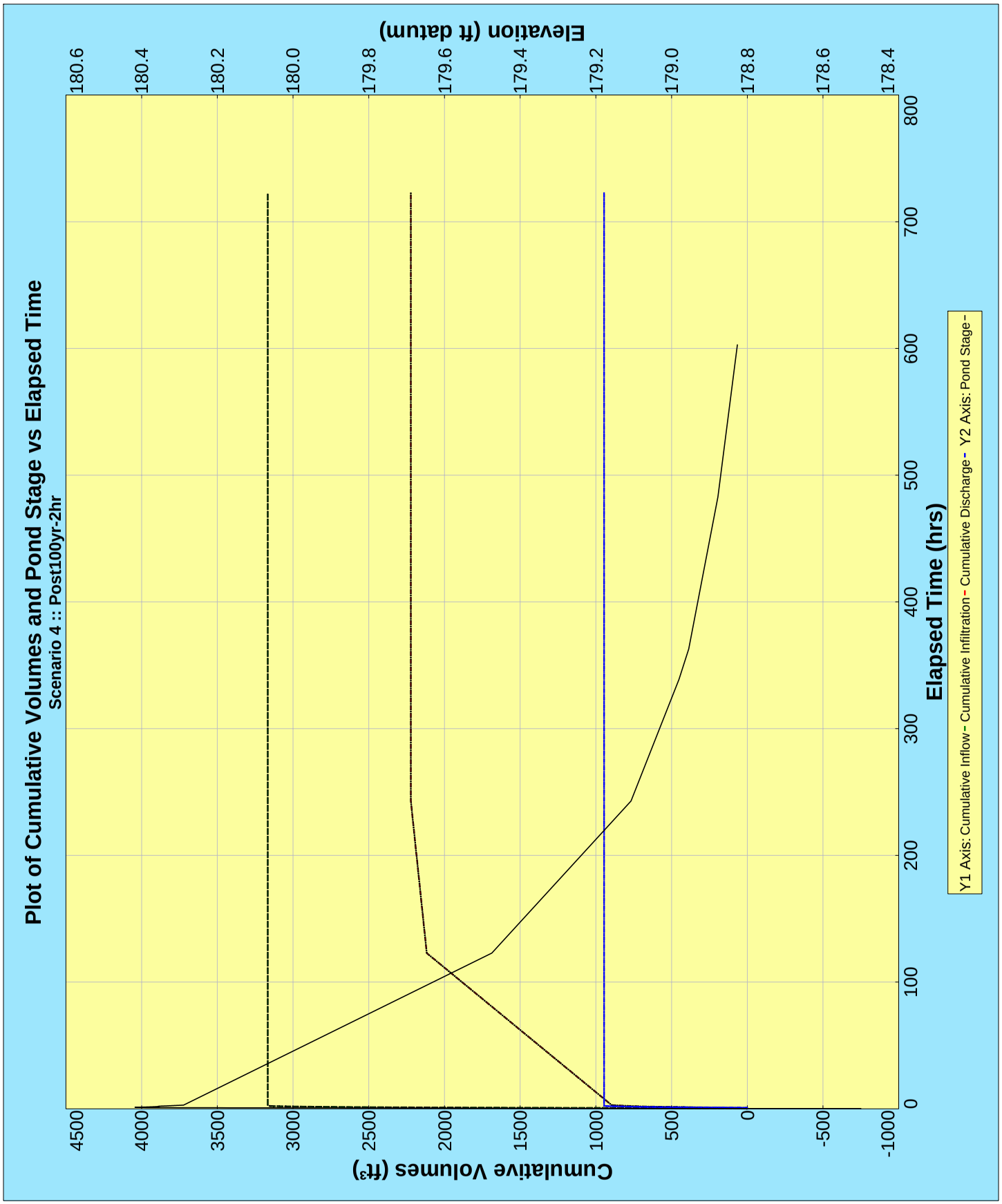
Discharge - Rate - Maximum Positive

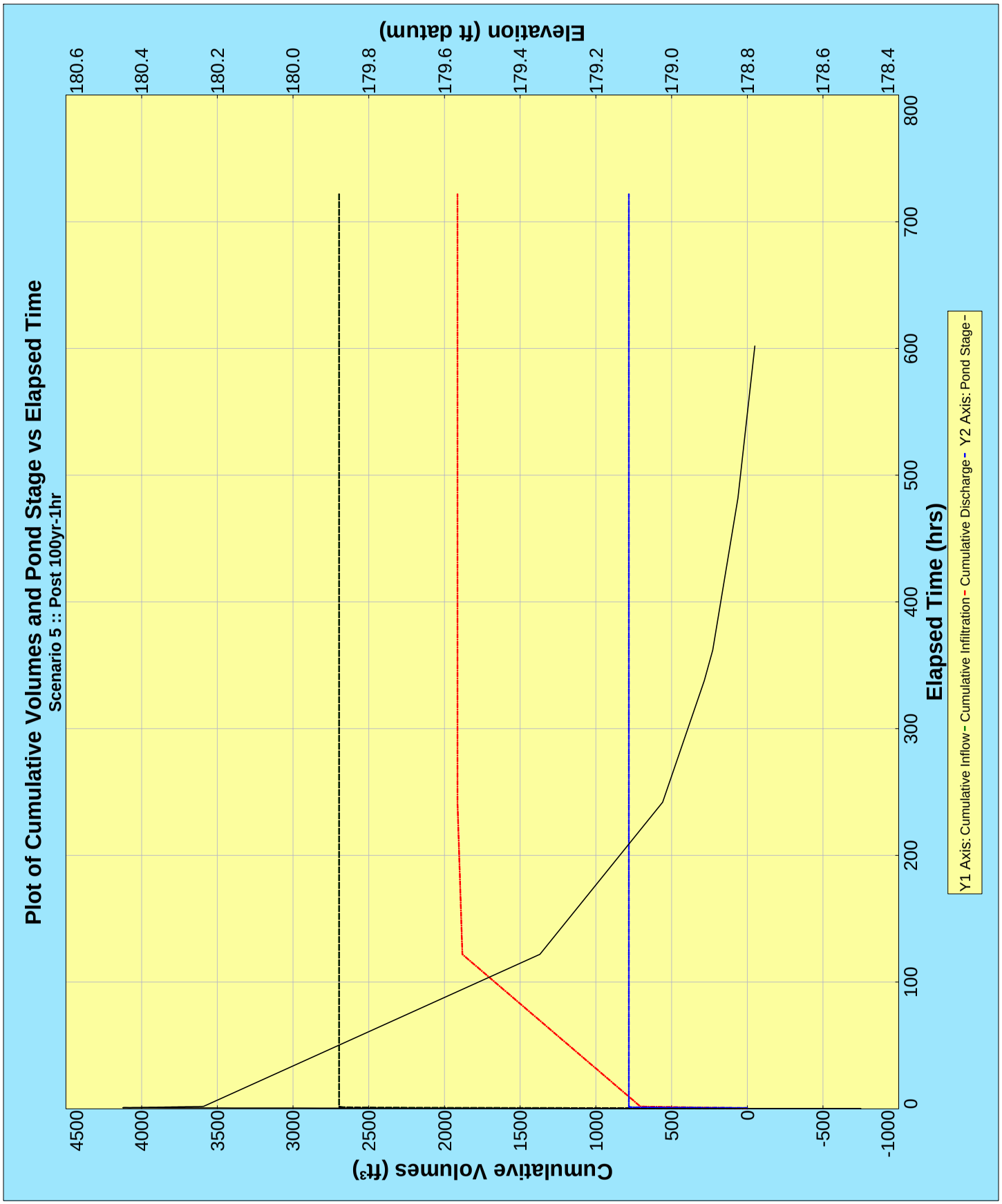
Rank	Scenario Number	Maximum Positive Discharge Rate (ft^3/s)	Time (hours)	Description
1	5	0.6646	0.889	Post 100yr-1hr
2	2	0.5765	4.067	Post 100yr-8hr
3	4	0.4329	1.133	Post100yr-2hr
4	3	0.4277	2.533	Post100yr-4hr
5	1	0.2203	12.022	Post100yr-24hr
6	6	0.1468	60.000	Post 100yr-3d
7	8	0.1356	184.000	Post 100yr-10d
8	7	0.1019	160.000	Post 100yr-7d
9	9	None	N.A.	Treatment volume

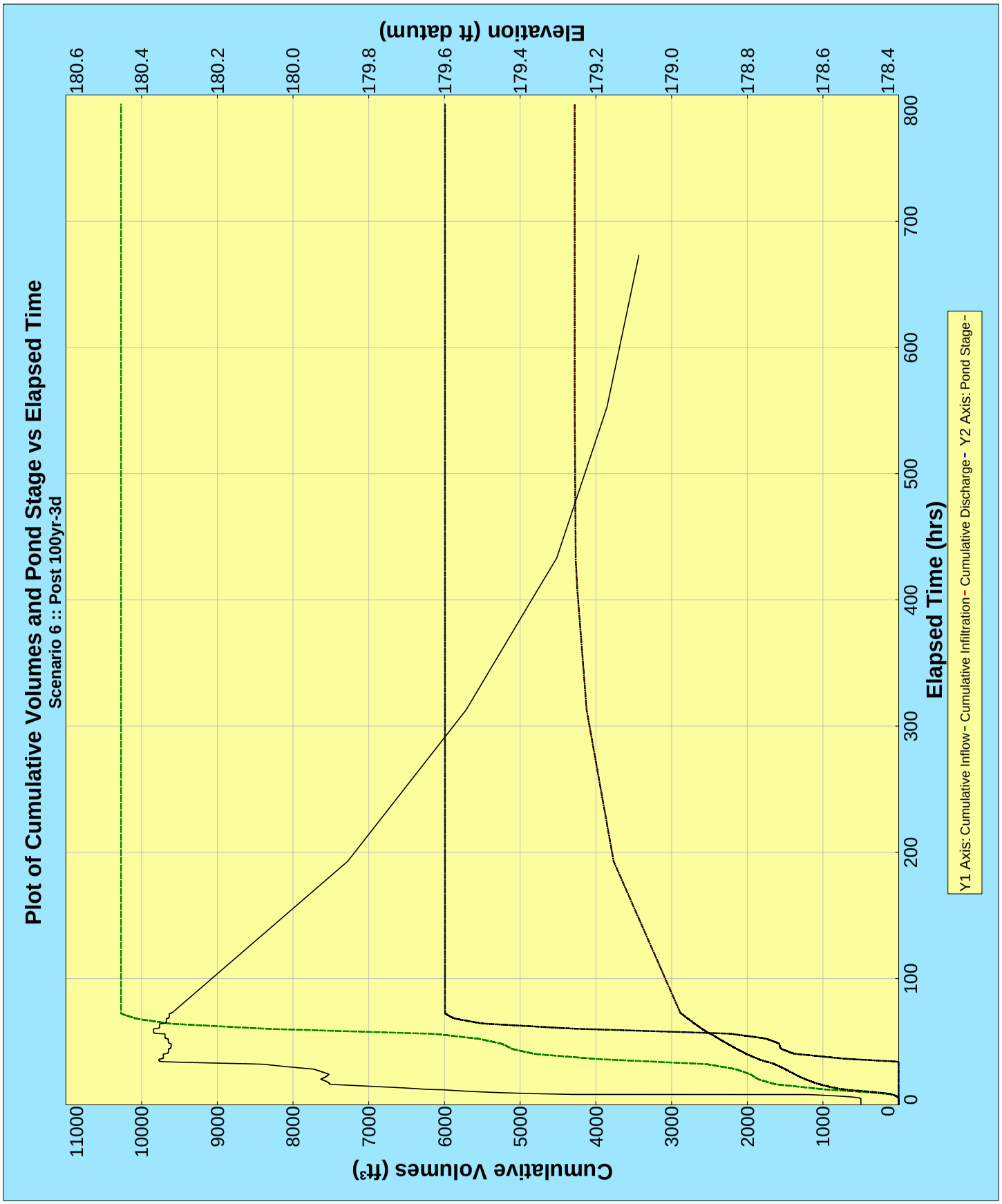

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 1 :: Post100yr-24hr
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -
0
1000
2000
3000
4000
5000
6000
7000
8000
9000
10000
178.4
178.6
178.8
179.0
179.2
179.4
179.6
179.8
180.0
180.2
180.4
0
100
200
300
400
500
600
700
800

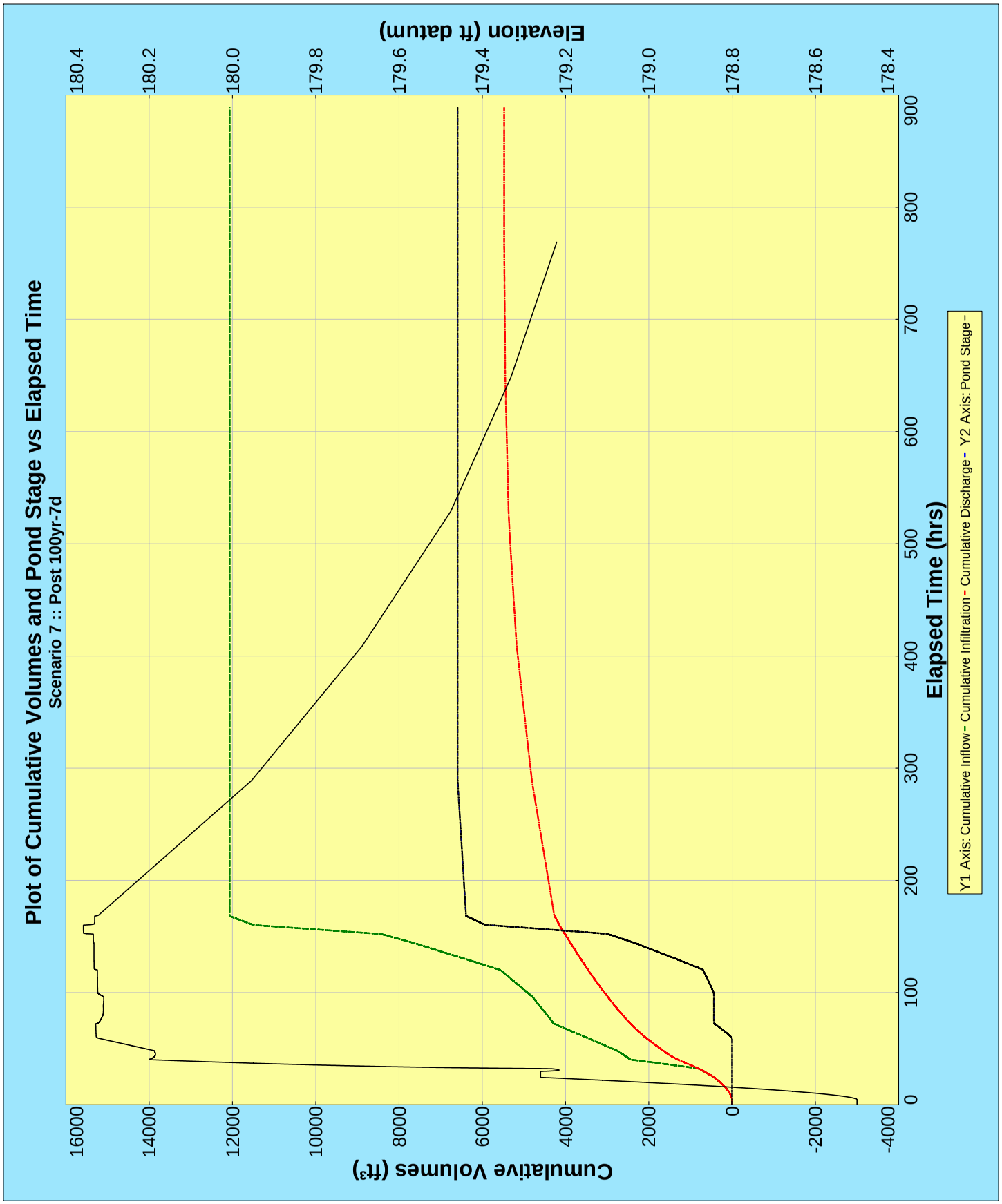

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 2 :: Post 100yr-8hr
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
178.4
178.6
178.8
179.0
179.2
179.4
179.6
179.8
180.0
180.2
180.4
180.6
0
100
200
300
400
500
600
700
800

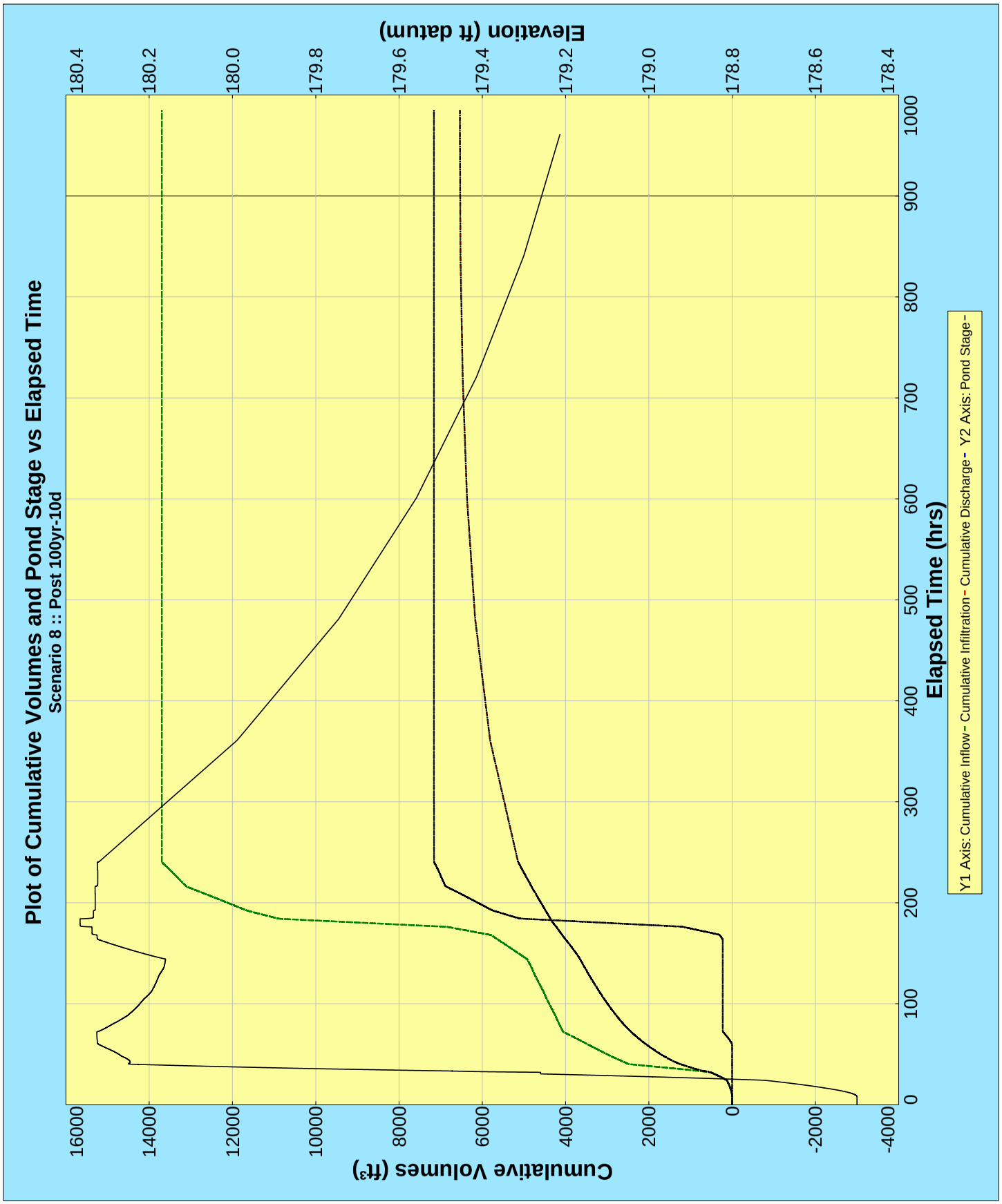

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 3 :: Post100yr-4hr
Elevation (ft datum)
180.6
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
Cumulative Volumes (ft³)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
-500
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

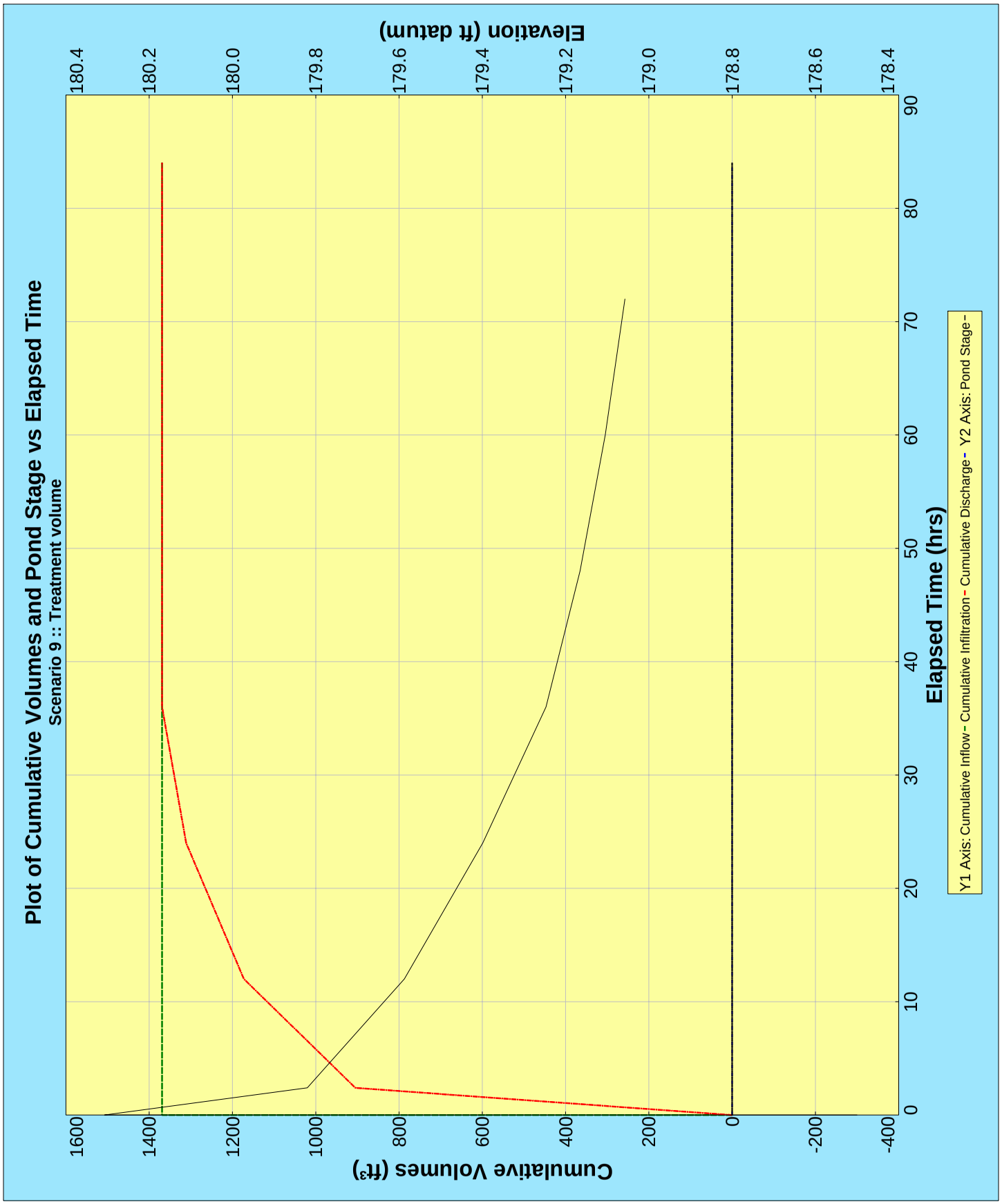

Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 4 :: Post100yr-2hr
Elevation (ft datum)
180.6
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
Cumulative Volumes (ft³)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
-500
-1000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 5 :: Post 100yr-1hr
Elevation (ft datum)
180.6
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
Cumulative Volumes (ft³)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
-500
-1000
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 6 :: Post 100yr-3d
Elevation (ft datum)
180.6
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
Cumulative Volumes (ft³)
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 7 :: Post 100yr-7d
Cumulative Volumes (ft³)
Elevation (ft datum)
Elapsed Time (hrs)
16000
14000
12000
10000
8000
6000
4000
2000
0
-2000
-4000
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
0
100
200
300
400
500
600
700
800
900
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 8 :: Post 100yr-10d
Cumulative Volumes (ft³)
16000
14000
12000
10000
8000
6000
4000
2000
0
-2000
-4000
Elevation (ft datum)
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
Elapsed Time (hrs)
0
100
200
300
400
500
600
700
800
900
1000
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 9 :: Treatment volume
Elevation (ft datum)
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
Cumulative Volumes (ft³)
1600
1400
1200
1000
800
600
400
200
0
-200
-400
Elapsed Time (hrs)
0
10
20
30
40
50
60
70
80
90
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

PONDS Version 3.3.0229
Retention Pond Recovery - Refined Method
Copyright 2008
Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	GREC - Layout Area 1
Simulation Description:	Dry Retention Basin-Swales
Project Number:	
Engineer :	Claudia S. Vega
Supervising Engineer:	Claudia S. Vega
Date:	01-28-2010

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	171.50
Water Table Elevation, [WT] (ft datum):	178.50
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	7.50
Fillable Porosity, [n] (%):	25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	12775.0

Geometry Data

Equivalent Pond Length, [L] (ft):	511.0
Equivalent Pond Width, [W] (ft):	25.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
179.50	6132.0
180.00	8346.0
180.50	15661.0
181.00	12775.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	180.75
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft^3) 10957

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

Sort-By-Category Report

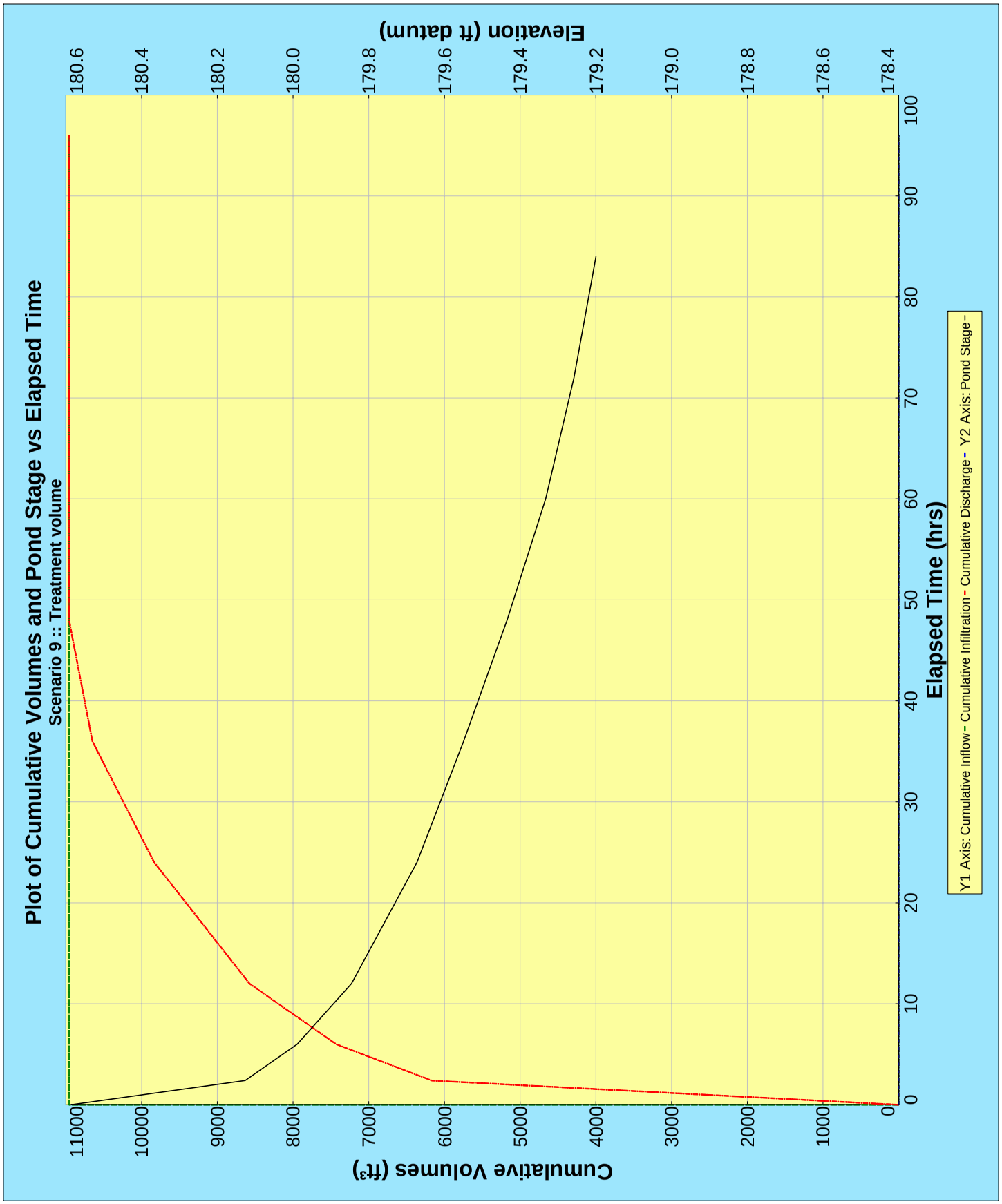
Scenarios Considered: 9

Stage - Maximum

Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	9	180.587	0.002	Treatment volume

Discharge - Rate - Maximum Positive

Rank	Scenario Number	Maximum Positive Discharge Rate (ft^3/s)	Time (hours)	Description
1	9	None	N.A.	Treatment volume


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 9 :: Treatment volume
Elevation (ft datum)
180.6
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
178.8
178.6
178.4
Cumulative Volumes (ft³)
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Elapsed Time (hrs)
0
10
20
30
40
50
60
70
80
90
100
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

PONDS Version 3.3.0229
Retention Pond Recovery - Refined Method
Copyright 2008
Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	GREC - Layout Area 2
Simulation Description:	Dry Retention Basin-Swales
Project Number:	
Engineer :	Claudia S. Vega
Supervising Engineer:	Claudia S. Vega
Date:	09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	172.50
Water Table Elevation, [WT] (ft datum):	179.00
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	7.50
Fillable Porosity, [n] (%):	25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	14560.0

Geometry Data

Equivalent Pond Length, [L] (ft):	560.0
Equivalent Pond Width, [W] (ft):	26.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
180.00	8960.0
180.75	11760.0
181.00	12693.0
181.50	14560.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	181.25
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft^3) 13967

Initial ground water level (ft datum) default, 179.00

Time After Storm Event (days)	Time After Storm Event (days)
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

Sort-By-Category Report

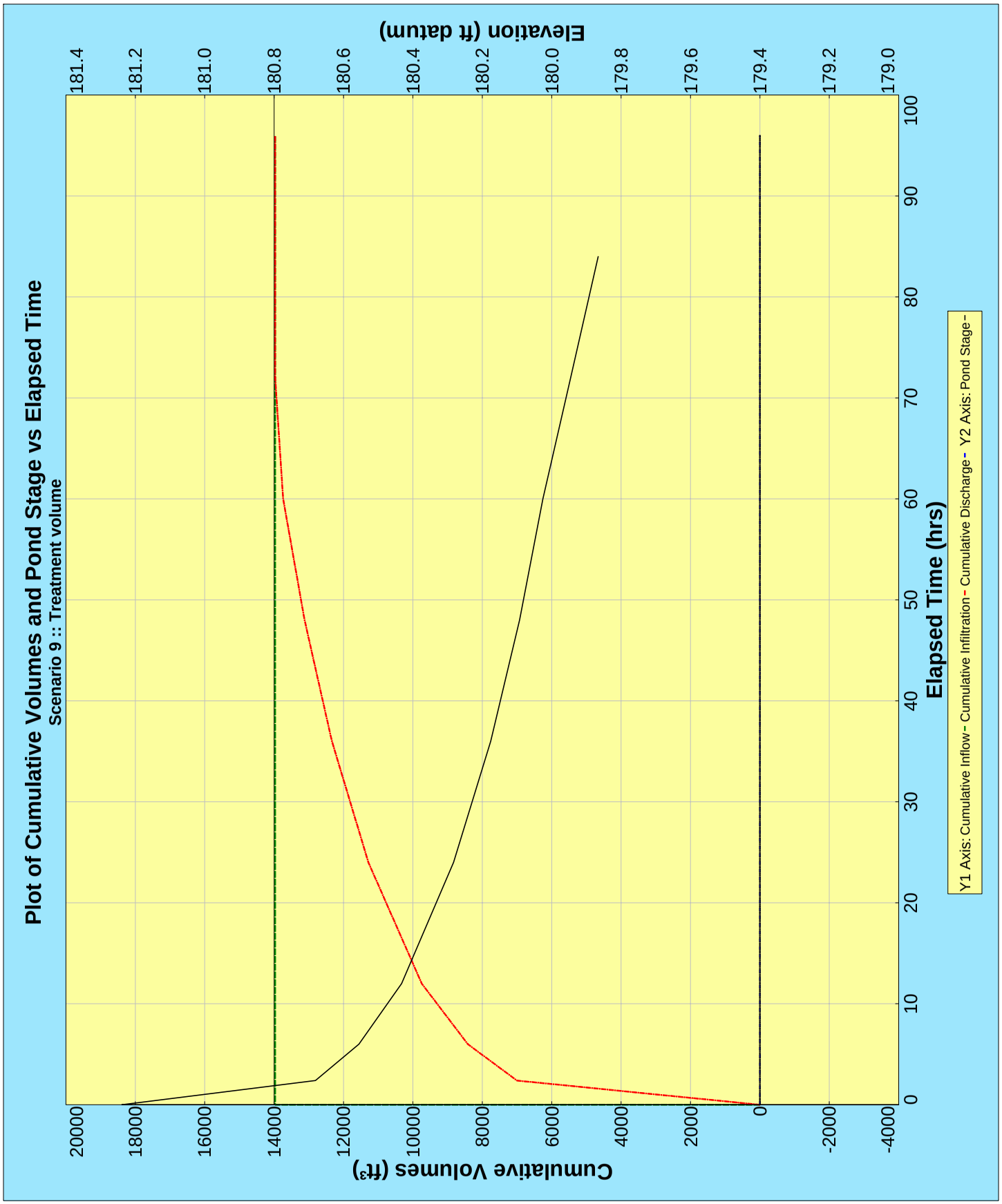
Scenarios Considered: 9

Stage - Maximum

Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	9	181.239	0.002	Treatment volume

Discharge - Rate - Maximum Positive

Rank	Scenario Number	Maximum Positive Discharge Rate (ft^3/s)	Time (hours)	Description
1	9	None	N.A.	Treatment volume


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 9 :: Treatment volume
Elevation (ft datum)
181.4
181.2
181.0
180.8
180.6
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
Cumulative Volumes (ft³)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
-2000
-4000
Elapsed Time (hrs)
0
10
20
30
40
50
60
70
80
90
100
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

PONDS Version 3.3.0229
Retention Pond Recovery - Refined Method
Copyright 2008
Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	GREC - Layout Area 3
Simulation Description:	Dry Retention Basin-Swales
Project Number:	
Engineer :	Claudia S. Vega
Supervising Engineer:	Claudia S. Vega
Date:	09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	172.50
Water Table Elevation, [WT] (ft datum):	179.00
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	7.50
Fillable Porosity, [n] (%):	25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	5200.0

Geometry Data

Equivalent Pond Length, [L] (ft):	260.0
Equivalent Pond Width, [W] (ft):	20.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
180.00	4160.0
180.75	4680.0
181.00	4853.0
181.50	5200.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	181.35
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft^3) 6049

Initial ground water level (ft datum) default, 179.00

Time After Storm Event (days)	Time After Storm Event (days)
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

Sort-By-Category Report

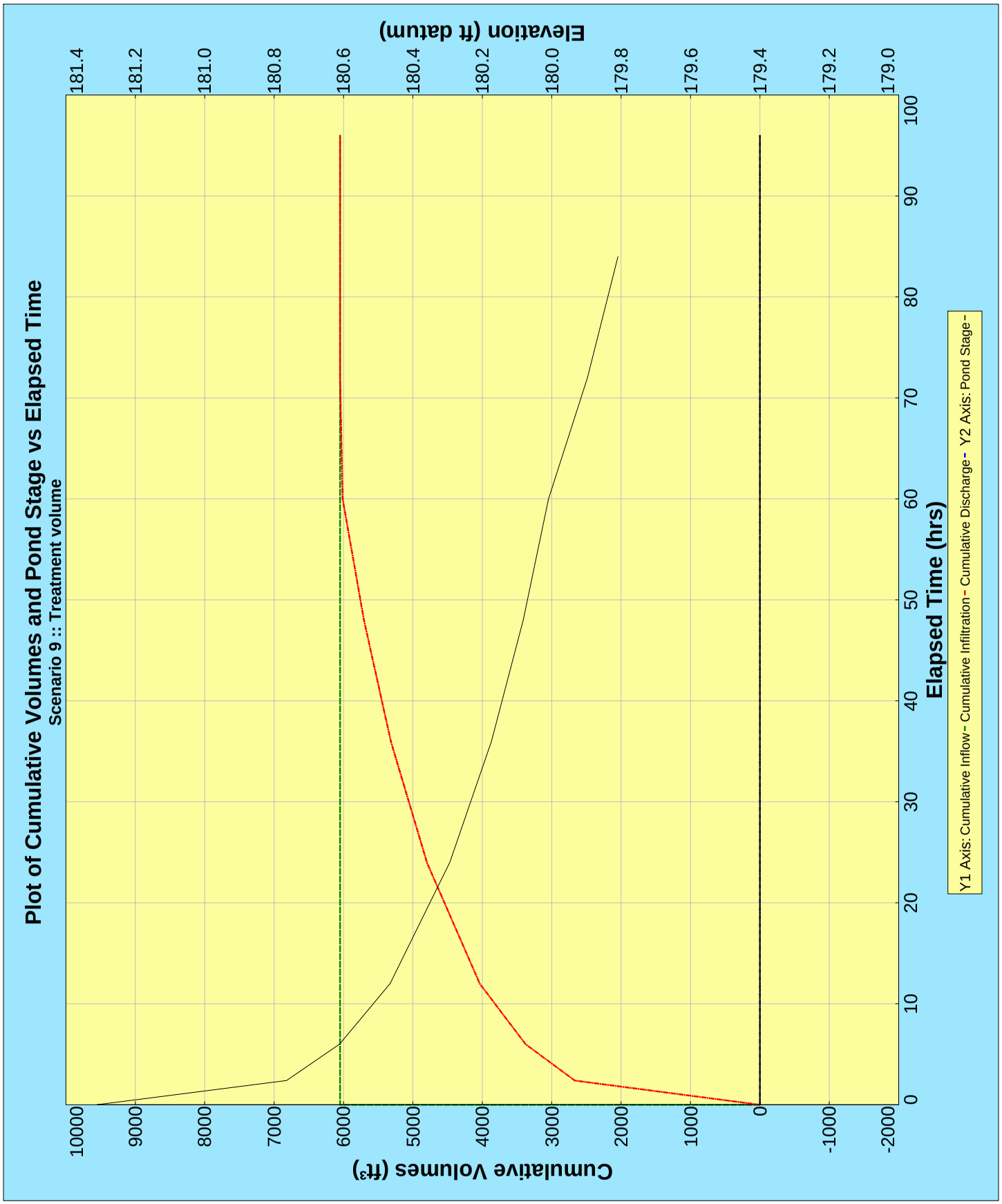
Scenarios Considered: 9

Stage - Maximum

Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	9	181.311	0.002	Treatment volume

Discharge - Rate - Maximum Positive

Rank	Scenario Number	Maximum Positive Discharge Rate (ft^3/s)	Time (hours)	Description
1	9	None	N.A.	Treatment volume


Plot of Cumulative Volumes and Pond Stage vs Elapsed Time
Scenario 9 :: Treatment volume
Elevation (ft datum)
181.4
181.2
181.0
180.8
180.6
180.4
180.2
180.0
179.8
179.6
179.4
179.2
179.0
Cumulative Volumes (ft³)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
-1000
-2000
Elapsed Time (hrs)
0
10
20
30
40
50
60
70
80
90
100
Y1 Axis: Cumulative Inflow - Cumulative Infiltration - Cumulative Discharge - Y2 Axis: Pond Stage -

Gainesville Renewable Energy Center
An American Renewables Company

Attachment E

Time of Concentration and

Pipe Size Calculations

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS

Time of Concentration - Pre-development										
Area	Overland (ft)	Slope (ft/ft)	Shallow Conce (ft)	Slope (ft/ft)	Shallow Conce (ft)	Slope (ft/ft)	Ditch (ft)	Slope (ft/ft)	Tc (hr)	Tc (min)
10	100	0.004	906	0.0022	0		616	0.006	0.994	60
11	15	0.0080	100	0.0100	0		1,670	0.0024	0.267	16
12	100	0.0045	452	0.0012	404	0.0099	0		0.659	40
13	12	0.0250	1,389	0.0043	0		0		0.375	23
14	100	0.0039	459	0.0041	413	0.0097	0		0.814	49
15	100	0.0110	185	0.0054	310	0.0032			0.520	31
20	100	0.0045	676	0.0015	317	0.0060			0.918	55
21	100	0.0080	457	0.0088	0				0.519	31
30	100	0.0080	863	0.0046	174	0.0057			0.694	42
31	100	0.0070	364	0.0025	603	0.0100			0.664	40
32	100	0.0085			207	0.0193	0		0.308	18

Time of Concentration - Post-development										
Area	Overland (ft)	Slope (ft/ft)	Shallow Conce (ft)	Slope (ft/ft)	Shallow Conce (ft)	Slope (ft/ft)	Ditch (ft)	Slope (ft/ft)	Tc (hr)	Tc (min)
100										20
101										18
102										18
103	12	0.0250	1,395	0.0028					0.375	23
104	12	0.0250	1,389	0.0043					0.375	23
105	100	0.0050	122	0.0164	105	0.0190			0.597	36
106	100	0.0080	480	0.0033	390	0.0041			0.684	41
107	100	0.0045	75	0.0073					0.563	34
108	100	0.0060	130	0.0050					0.530	32
109	14	0.0200	380	0.0040					0.160	10
110	100	0.0070	30	0.0050					0.466	28
200	20	0.0200	349	0.0022					0.160	10
201	100	0.0080	457	0.0088					0.519	31
202	20	0.0200	456	0.0050					0.273	16
300	100	0.005	281	0.0018					0.639	38
301	100	0.0028	589	0.0034					0.843	51
302	100	0.0055	748	0.0037					0.751	45
303	14	0.0200	200	0.0036					0.161	10
304	14	0.0200	200	0.0036					0.161	10
305	100	0.0075	185	0.0054					0.490	29
306	12	0.0200	212	0.0040					0.160	10
307	12	0.0200	212	0.0040					0.160	10
308	12	0.0200	358	0.0036					0.160	10
309	12	0.0200	358	0.0036					0.160	10
310	100	0.0040	342	0.0029					0.231	14
311	100	0.0050	195	0.0087	136	0.0147			0.664	40
312	12	0.0200	232	0.0040					0.160	10
313	12	0.0200	232	0.0040					0.160	10
314	12	0.0200	280	0.0040					0.160	10
315	12	0.0200	280	0.0040					0.160	10
316	12	0.0200	200	0.0040					0.160	10
318	12	0.0200	200	0.0040					0.160	10
319	100	0.0029	105	0.0057	214	0.0187			0.704	42

PIPE SIZE CALCULATIONS
RUNOFFF COEFFICIENT

Gainesville Renewable Energy Center

Drainage Inlet	Total Area		C = 0.9 Imperv. Area	C = 0.20 Open Area	C
	S.F.	AC.			
1	18,867	0.433	726	18,141	0.227
2	21,986	0.505	1,976	20,010	0.263
3	14,889	0.342	2,870	12,019	0.335
4	17,447	0.401	2,592	14,855	0.304

PIPE SIZE CALCULATIONS

3 YR, 10 MIN DESIGN EVENT

Gainesville Renewable Energy Center

Location		Drainage Area		Runoff Coeffi.	Time of Concen.	Intensity I	Runoff Q des.	n	Required Pipe Size				Proposed Pipe Size			
From	To	No	Acres	C	min.	in/hr.	CFS		Slope %	Pipe (in)	Q CFS	V ft/sec	Slope %	Pipe (in)	Q CFS	V ft/sec
S-1A	S-1						1.47	0.012	0.30	15	3.84	3.13	0.30	15	3.84	3.13
S-2A	S-2						2.93	0.012	0.30	15	3.84	3.13	0.30	15	3.84	3.13
S-3	S-4						4.40	0.012	0.40	15	4.44	3.62	1.14	15	7.49	6.11
S-5A	S-5						3.21	0.012	0.30	15	3.84	3.13	0.30	15	3.84	3.13
S-6A	S-6						6.42	0.012	0.30	30	24.40	4.97	0.30	30	24.40	4.97
S-7	S-8						9.63	0.012	2.00	15	9.92	8.09	2.63	15	11.38	9.27
S-9A	S-9						13.31	0.012	0.30	30	24.40	4.97	0.30	30	24.40	4.97
S-10A	S-10						2.15	0.012	0.30	15	3.84	3.13	0.30	15	3.84	3.13
S-11	S-12						15.46	0.012	2.00	18	16.14	9.13	3.03	18	19.86	11.24
S-15	S-16						0.60	0.012	0.30	15	3.84	3.13	2.27	15	10.57	8.61

PIPE SIZE CALCULATIONS

3 YR, 10 MIN DESIGN EVENT

Gainesville Renewable Energy Center

Location		Drainage Area		Runoff Coeffi.	Time of Concen.	Intensity I	Runoff Q des.	n	Required Pipe Size				Proposed Pipe Size			
From	To	No	Acres	C	min.	in/hr.	CFS		Slope %	Pipe (in)	Q CFS	V ft/sec	Slope %	Pipe (in)	Q CFS	V ft/sec
S-17	S-18						2.68	0.012	0.30	15	3.84	3.13	2.17	15	10.34	8.42
S-19	S-20						1.21	0.012	0.30	15	3.84	3.13	3.12	15	12.39	10.10
S-20A	S-20B	1	0.433	0.227	10.00	6.20	0.61	0.012	0.30	24	13.46	4.28	0.50	24	17.38	5.53
S-21	S-22	2	0.505	0.263	10.00	6.20	0.82	0.012	0.30	24	13.46	4.28	0.50	24	17.38	5.53
S-23	S-24	3	0.342	0.335	10.00	6.20	0.71	0.012	0.30	18	6.25	3.54	0.50	18	8.07	4.57
S-25	S-26	4	0.401	0.304	10.00	6.20	0.76	0.012	0.30	18	6.25	3.54	0.50	18	8.07	4.57
S-27	S-28						6.29	0.012	0.35	18	6.75	3.82	0.50	18	8.07	4.57
S-29	S-30						1.72	0.012	0.30	15	3.84	3.13	0.50	15	4.96	4.04
S-31	S-32						0.92	0.012	0.30	15	3.84	3.13	0.50	15	4.96	4.04
S-33	S-34						3.13	0.012	0.30	15	3.84	3.13	0.50	15	4.96	4.04
S-34A	S-34B						2.64	0.012	0.30	18	6.25	3.54	0.56	18	8.54	4.83
S-35	S-36						3.55	0.012	0.30	18	6.25	3.54	0.50	18	8.07	4.57
S-37	S-38						4.22	0.012	0.30	18	6.25	3.54	0.50	18	8.07	4.57
S-38A	S-38B						2.85	0.012	0.30	18	6.25	3.54	0.50	18	8.07	4.57
S-39	S-40						1.58	0.012	0.30	18	6.25	3.54	0.50	18	8.07	4.57
S-40A	S-40B						1.27	0.012	0.30	18	6.25	3.54	0.50	18	8.07	4.57

Gainesville Renewable Energy Center
An American Renewables Company

Attachment F

Stormwater Pollution Prevention Plan (SWPPP)

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS

Gainesville Renewable Energy Center
An American Renewables Company

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MAY BE MODIFIED AND UPDATED DURING CONSTRUCTION AS A RESULT OF WEATHER, UNPREDICTABLE EVENTS AND SITE INSPECTIONS.

THIS DOCUMENT WAS PREPARED IN ORDER TO BE IN COMPLIANCE WITH CHAPTER 62-621.300 (4) OF THE FLORIDA ADMINISTRATIVE CODE, WHICH PERTAINS TO THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THE ADMINISTRATIVE CODE GRANTS THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) THE AUTHORITY TO REGULATE POINT SOURCE DISCHARGES OF STORM-WATER FROM CONSTRUCTION SITES. THIS DOCUMENT ESTABLISHES A STORMWATER POLLUTION PREVENTION PLAN FOR THE SITE AND IS ORGANIZED TO CORRESPOND TO PART V OF DEP DOCUMENT No. 62-621.300 (4) (A) FDEP FORM 62-261.300 (4) (B) IS TO BE SUBMITTED IN CONJUNCTION WITH THIS DOCUMENT.

I. PROJECT INFORMATION:

PROJECT: GAINESVILLE RENEWABLE ENERGY CENTER (GREC)
BIOMASS GENERATING FACILITY
COUNTY: ALACHUA
SECTION/TOWNSHIP/RANGE: S 27 , T 8 SOUTH, R 19 EAST
COUNTY PARCEL NO.: A PORTION OF 05884-001-000
LATITUDE AND LONGITUDE: 29º46'07", 82º23'53"
STREET ADDRESS: 10001 N.W. 13th STREET
PROJECT AREA: 134 Ac.
APPROXIMATE AREA TO BE DISTURBED BY CONSTRUCTION: 76 Ac.

II. SITE DESCRIPTION:

1. THE PROJECT INCLUDES THE CONSTRUCTION OF A BIOMASS ELECTRIC GENERATING FACILITY IN CONJUNCTION WITH GAINESVILLE REGIONAL UTILITIES WITH ASSOCIATED PAVING, DRAINAGE AND UTILITY IMPROVEMENTS.

   THE PROPOSED STORMWATER SYSTEM PROVIDES WATER QUALITY, AND FLOOD CONTROL.

2. THE SOIL CONDITIONS WERE INVESTIGATED AND SUMMARIZED IN THE SOILS REPORT PREPARED BY GSE. THE PROPOSED DRAINAGE PLAN WILL CONSIST OF 3 MAJOR DRAINAGE AREAS.

3. EXISTING AND FUTURE DRAINAGE PATTERNS ARE SHOWN ON THE DRAINAGE PLAN FOR PRE-DEVELOPMENT CONDITIONS AND POST-DEVELOPMENT CONDITIONS. OUTFALLS, AND STORMWATER BASINS ARE SHOWN IN THE DRAINAGE PLAN AND THE DETAIL PLAN.

4. SEQUENCE OF CONSTRUCTION:

   A. PRIOR TO CONSTRUCTION, SILT FENCING AND TREE PROTECTION BARRICADES SHALL BE INSTALLED AND ALL EXISTING DRAINAGE STRUCTURES SHALL BE PROTECTED IN ACCORDANCE WITH FDOT INDEX #102.

B. THE CONSTRUCTION ENTRANCE WILL BE STABILIZED TO MINIMIZE THE CREATION OF DUST AND OFF SITE TRACKING OF SEDIMENTS.

C. THE SITE SHALL BE CLEARED AND GRUBBED OF UNDESIRABLE VEGETATION.

D. THE UNDERGROUND UTILITIES AND STORMWATER PIPING WILL BE INSTALLED AND CONNECTED TO EXISTING STRUCTURES, WHERE APPLICABLE.

E. THE SITE WILL BE ROUGHLY GRADED. IF SUITABLE, THE EXCAVATED MATERIAL MAY BE USED AS FILL FOR ON-SITE GRADING. THE ROADWAYS SHALL BE GRADED.

F. THE STORMWATER BASINS SHALL BE CONSTRUCTED AS FOLLOWS:

1. INITIALLY CONSTRUCT THE WET DETENTION AND DRY RETENTION BASINS TO ROUGH GRADE BY UNDER-EXCAVATING THE BASIN BOTTOM AND SIDES BY APPROXIMATELY 12 INCHES.

2. AFTER THE ROADWAY AND SIDE SWALES HAVE BEEN GRADED, THE INTERIOR SIDE SLOPES AND BASIN BOTTOM SHALL BE EXCAVATED TO FINAL DESIGN SPECIFICATIONS. THE EXCESS SOIL AND UNDESIRABLE MATERIAL MUST BE CAREFULLY EXCAVATED AND REMOVED FROM THE BASINS SO THAT ALL ACCUMULATED SILTS, CLAYS, ORGANICS, AND OTHER FINE SEDIMENT MATERIAL HAS BEEN REMOVED FROM THE BASIN AREA. THE EXCAVATED UNSUITABLE MATERIAL SHALL BE DISPOSED OF AND TAKEN OFF-SITE.
3. ONCE THE BASINS HAVE BEEN EXCAVATED TO FINAL GRADE, THE ENTIRE BASIN BOTTOM MUST BE DEEP RAKED AND LOOSENED FOR OPTIMAL INFILTRATION.

4. THE BASINS SHALL BE SODDED AND STABILIZED ACCORDING TO THE PLANS.

G. ROADWAYS AND PARKING LOTS WILL BE COMPACTED AND A LIMEROCK BASE WILL BE ESTABLISHED FOLLOWED BY AN OVERLAY OF ASPHALTIC CONCRETE. BUILDINGS SHALL BE CONSTRUCTED.

H. UPON SIGNIFICANT COMPLETION OF CONSTRUCTION, THE STORMWATER SYSTEM SHALL BE FLUSHED OUT TO REMOVE ACCUMULATED DEBRIS AND SEDIMENT.

I. STORMWATER BASINS WILL BE SCRAPED CLEAN OF ACCUMULATED SEDIMENT.

J. ALL DISTURBED AREAS WITHIN THE CONSTRUCTION AREA SHALL BE COMPLETELY GRASSED AND/OR LANDSCAPED. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO REMOVAL OF SILT FENCING AND OTHER EROSION CONTROL APPLICATIONS.

III. CONTROLS:

THE CONTROLS SHALL BE IMPLEMENTED AND MAINTAINED DURING THE ENTIRE CONSTRUCTION OF THE PROJECT. IF SITE CONDITIONS ARE SUCH THAT ADDITIONAL CONTROL MEASURES ARE REQUIRED THAN WHAT IS SPECIFIED IN THE EROSION AND SEDIMENTATION CONTROL PLAN, THEN THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL BEST MANAGEMENT PRACTICES NECESSARY.

1. THE CONSTRUCTION ACCESS SHALL BE STABILIZED WITH GRAVEL AND TEMPORARY VEGETATION TO PREVENT SILT LEAVING THE SITE.

2. TREE BARRICADES SHALL BE IMPLEMENTED BEFORE CLEARING AND GRUBBING OF ANY OF THE WORK AREAS.

3. BEFORE CLEARING, SILT FENCES SHALL BE INSTALLED AROUND THE PERIMETER OF THE CONSTRUCTION AND AROUND THE WETLAND(S) AND/OR BASIN(S) AS SHOWN IN THE PLANS. ALL EXISTING STORM DRAINAGE SWALES AND INLETS SHALL BE PROTECTED PER FDOT INDEX 102.

4. AFTER CLEARING BUT BEFORE EXCAVATION AND GRADING, TEMPORARY BERMS AND SWALES SHALL BE CONSTRUCTED AS REQUIRED TO DIVERT THE FLOW INTO THE CORRESPONDING STORMWATER BASIN.

5. ALL BASIN AREAS SHALL BE PROTECTED AS INDICATED ON THE PLANS.

6. THE STORMWATER BASINS SHALL BE ROUGH GRADED TO WITHIN 6" OF THE DESIGNED BASIN BOTTOM. THE BASIN SIDE SLOPES SHALL BE STABILIZED AS SHOWN IN THE PLANS BY SEEDING, MULCHING AND/OR SODDING TO PREVENT EXCESSIVE EROSION.

7. DURING CONSTRUCTION OF PAVING AND BUILDINGS, EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED.

8. ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE SHALL BE COMPLETELY LANDSCAPED AND/OR GRASSED. FINAL STABILIZATION INCLUDING SEEDING, MULCHING, SODDING OR RIPRAP SHALL BE INSTALLED AS REQUIRED. GRASS SEEDING RATES AND MIXTURES SHALL BE PER FDOT INDEX 104. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO REMOVAL OF SILT FENCING AND OTHER EROSION CONTROL APPLICATIONS AND PRIOR TO FINAL RELEASE.

IV. EROSION AND SEDIMENTATION CONTROLS:

STABILIZATION PRACTICES.

1. ALL ENTRANCES TO THE SITE SHALL BE STABILIZED BEFORE CONSTRUCTION AND FURTHER DISTURBANCE BEGINS. GRAVEL PAD SHALL PROVIDE STABILIZATION AND MINIMIZE THE AMOUNT OF SEDIMENT LEAVING THE SITE. MAINTENANCE OF THE ENTRANCE SHALL INCLUDE SWEEPING OF THE AREA ADJACENT TO THE ENTRANCE. STONE AND GRAVEL MIGHT NEED TO BE PERIODICALLY ADDED TO MAINTAIN THE EFFECTIVENESS OF THE ENTRANCE(S).

2. TREE BARRICADES SHALL BE INSTALLED AROUND THE TREES AS SHOWN IN THE DETAIL PLAN TO PROTECT THE EXISTING VEGETATION.

3. MULCH SHALL BE PLACED IN THE AREAS REQUIRED TO PREVENT EROSION FROM STORMWATER RUNOFF AND THE AREAS SHOWN ON THE PLANS. MULCH SHALL BE ANCHORED TO RESIST WIND DISPLACEMENT AND SHALL BE INSPECTED AFTER EVERY RAINSTORM TO IDENTIFY AREAS WHERE MULCH HAS BEEN WASHED OUT OR LOOSENED. THESE AREAS SHALL HAVE MULCH COVER REPLACEMENT.

4. SEEDING SHALL BE STARTED AFTER GRADING HAS BEEN FINISHED ON THE AREAS SHOWN IN THE PLANS. SEEDED AREAS SHOULD BE INSPECTED FOR FAILURE TO ESTABLISH, AND NECESSARY REPAIRS AND RESEEDING SHOULD BE MADE AS SOON AS POSSIBLE. ADDITIONAL SEEDING AND MULCH MAY BE REQUIRED AS NECESSARY TO PREVENT EROSION DURING OR AFTER CONSTRUCTION HAS FINISHED.

5. SOD SHALL BE INSTALLED IN THE AREAS SHOWN IN THE PLANS. SOD SHALL BE PEGGED IF INSTALLED ON SLOPES GREATER THAN 3:1. SODDED AREAS SHALL BE MAINTAINED AND INSPECTED TO ENSURE SUCCESSFUL ESTABLISHMENT.

SEDIMENTATION PRACTICES.

1. SILT FENCES SHALL BE INSTALLED IN THE AREAS SHOWN IN THE PLANS AND AS REQUIRED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA. SILT FENCES SHALL BE INSPECTED AFTER EACH RAINFALL EVENT TO ENSURE THAT THERE ARE NO GAPS OR TEARS. IF GAPS OR TEARS ARE FOUND THE FABRIC SHOULD BE REPAIRED OR REPLACED. SEDIMENT REMOVAL SHALL BE PART OF THE REGULAR MAINTENANCE. SILT FENCES SHALL REMAIN IN PLACE UNTIL CONSTRUCTION HAS FINISHED AND DISTURBED AREAS ARE PERMANENTLY STABILIZED.

2. DIVERSION SWALES, IF REQUIRED, SHALL BE CONSTRUCTED BEFORE MAJOR LAND DISTURBANCE OF THE RECEIVING BASIN. DIVERSION SWALES SHALL BE STABILIZED AFTER CONSTRUCTION TO MAINTAIN ITS EFFICIENCY.

3. INLETS SHOULD BE TEMPORARILY PROTECTED TO PREVENT SEDIMENT ENTERING THE INLET. BARRIERS WILL CATCH SOIL, DEBRIS AND SEDIMENT AT THE ENTRANCE OF THE INLET.

4. OUTFALL STRUCTURES SHALL HAVE SILT FENCES TO PREVENT SILT FROM ENTERING THE STORMWATER BASINS AND SHALL BE STABILIZED AS REQUIRED TO PREVENT EROSION FROM WASHOUTS.

V. STORMWATER MANAGEMENT:

1. THE PROPOSED PROJECT OBTAINED AN ENVIRONMENTAL RESOURCE PERMIT FROM SUWANNEE RIVER WATER MANAGEMENT DISTRICT (SRWMD) FOR THE CONSTRUCTION AND OPERATION OF A STORMWATER TREATMENT SYSTEM AND CONTROLS. THE PROPOSED SYSTEM (AS SHOWN ON THE PLANS) INCLUDED THE USE OF THE BEST MANAGEMENT PRACTICES (BMP) CONSISTENT WITH THE APPLICABLE REQUIREMENTS OF RULE 40B-4 OF THE DISTRICT. THE OWNER AND/OR THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE STORMWATER TREATMENT SYSTEM AND CONTROLS UNTIL CONSTRUCTION ACTIVITIES ARE COMPLETED AND FINAL STABILIZATION HAS BEEN ACCOMPLISHED. HOWEVER, THE OWNER AND/OR AN ENTITY SIMILAR TO A HOMEOWNERS ASSOCIATION SHALL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE STORMWATER SYSTEM IN PERPETUITY, IN ACCORDANCE WITH THE REQUIREMENTS OF THE ENVIRONMENTAL RESOURCE PERMIT.

2. TO TREAT AND CONTROL THE STORMWATER PRODUCED BY THE PROPOSED DEVELOPMENT, THE PROJECT REQUIRES THE INSTALLATION AND CONSTRUCTION OF THE FOLLOWING BMP'S: 3 DRY RETENTION BASINS AND 3 WET DETENTION BASINS WITH ALL GRADING ASSOCIATED WITH THE CONSTRUCTION. THE BASINS HAVE BEEN DESIGNED TO CONTAIN AND ATTENUATE THE STORMS AND DISCHARGE AT PRE-DEVELOPMENT CONDITIONS, WHILE PROVIDING TREATMENT TO THE RUNOFF AS REQUIRED BY THE DISTRICT AND STATE RULES USING THE GUIDELINES CONTAINED IN THE SRWMD HANDBOOK.

VI. CONTROLS FOR OTHER POTENTIAL POLLUTANTS:

1. WASTE DISPOSAL: NO SOLID MATERIALS, INCLUDING CONSTRUCTION MATERIALS, SHALL BE DISCHARGED TO SURFACE WATERS AND ARE NOT AUTHORIZED UNDER THE ISSUED ENVIRONMENTAL RESOURCE PERMIT.

2. THE USE OF GRAVEL AND CONTINUING SWEEPING ACTIVITIES AT THE ENTRANCE OF THE SITE WILL CONTROL THE TRACKING OF SEDIMENT AND DUST LEAVING THE SITE.

3. THE PROPOSED DEVELOPMENT WILL PROVIDE WATER AND SEWER SYSTEM BY CONNECTING INTO THE CENTRAL MUNICIPAL SYSTEM OF GAINESVILLE REGIONAL UTILITIES.

4. ANY APPLICATION OF FERTILIZERS AND PESTICIDES NECESSARY TO ESTABLISH AND MAINTENANCE OF VEGETATION DURING CONSTRUCTION AND THROUGH PERPETUITY MAINTENANCE SHALL FOLLOW THE MANUFACTURERS RECOMMENDATIONS AND THE APPLICABLE RULES OF THE STATE OF FLORIDA.

5. ANY TOXIC MATERIALS REQUIRED DURING CONSTRUCTION SHALL BE PROPERLY STORED, DISPOSED OF AND CONTRACTOR AND/OR OWNER SHALL PROVIDE THE APPROPRIATE PERMITS FROM THE LOCAL OR STATE AGENCIES.

VII. APPROVED STATE OR LOCAL PLANS:

1. ALL THE SEDIMENT AND EROSION CONTROLS THAT ARE LISTED IN THE SITE PLAN AS APPROVED BY THE SRWMD ARE INCLUDED IN THIS STORMWATER POLLUTION PREVENTION PLAN (SEE ITEM III AND IV).

2. THIS STORMWATER POLLUTION PREVENTION PLAN SHALL BE AMENDED IF REQUIRED BY ANY LOCAL OR STATE AGENCY OR AS REQUIRED BY UNFORESEEABLE CONDITIONS AND THE OWNER SHALL SUBMIT A RE-CERTIFICATION TO THE NPDES STATE OFFICE THAT THE PLAN HAS BEEN AMENDED TO ADDRESS THOSE CHANGES.

VIII. MAINTENANCE:

THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE, INSPECTION SCHEDULE, AND REPAIRS OUTLINED IN THIS PLAN. MAINTENANCE SHALL CONTINUE THROUGHOUT THE PROJECT UNTIL WORK IS COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER CONSTRUCTION IS COMPLETE.

IN ADDITION TO THE ITEMS MENTIONED IN THE PREVIOUS SECTIONS, THE CONTRACTOR SHALL INITIATE ANY REPAIRS WITHIN 24 HOURS OF BEING REPORTED. IN THE EVENT THAT THE BASINS DO NOT PERFORM PROPERLY OR IF A SINKHOLE DEVELOPS, THE PROJECT ENGINEER SHALL BE NOTIFIED TO ASSIST IN COORDINATING REMEDIAL ACTION.

1. MAINTENANCE WOULD BE DIVIDED IN ROUTINE MAINTENANCE AND REPAIR MAINTENANCE. ALL STORMWATER BMP'S SHOULD BE INSPECTED FOR CONTINUED EFFECTIVENESS AND STRUCTURAL INTEGRITY ON A REGULAR BASIS. THE SYSTEMS SHOULD BE CHECKED AFTER EACH STORM EVENT IN ADDITION TO REGULARLY SCHEDULED INSPECTIONS.

2. ROUTINE MAINTENANCE REQUIREMENTS SHOULD BE INCLUDED IN THE INSPECTOR CHECKLIST TO AID THE INSPECTOR IN DETERMINING WHETHER A BMP'S MAINTENANCE IS ADEQUATE OR NEEDS A REVISION. INSPECTORS SHALL KEEP RECORD OF MAINTENANCE, ROUTINE OR REPAIR, TO PROVIDE EVIDENCE OF AN EFFICIENT INSPECTION AND MAINTENANCE.

3. SIDE ENTRANCES: MAINTENANCE SHALL INCLUDE REPLACEMENT OF GRAVEL AND CLEANING THE SOIL THAT IS TRACKED OFFSITE FOR PROPER DISPOSAL.

4. TREE BARRICADES: MAINTENANCE SHALL INCLUDE INSPECTION OF MESH AND POSTS AND REPAIR OR REPLACEMENT OF DAMAGED VEGETATION.

5. SILT FENCES: MAINTENANCE SHALL INCLUDE SEDIMENT REMOVAL AND INSPECTION TO ENSURE PROPER ANCHORING AND THAT NO TEARING OR GAPS HAVE OCCURRED. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF SILT FENCE.

6. DIVERSION SWALES: MAINTENANCE SHALL INCLUDE INSPECTION AFTER EVERY RAINFALL EVENT AND ONCE EVERY TWO WEEKS BEFORE FINAL STABILIZATION. THEY SHOULD BE CLEARED OF SEDIMENT AND MAINTAIN VEGETATIVE COVER.
7. TEMPORARY BERMS: MAINTENANCE SHALL INCLUDE REMOVAL OF DEBRIS, TRASH SEDIMENT AND LEAVES. SIDES OF THE BERM SHALL BE INSPECTED FOR EROSION AFTER EACH STORM EVENT.

8. MULCHING: ROUTINE MAINTENANCE SHALL INCLUDE REPLACEMENT PERIODICALLY.

9. SEEDING: ROUTINE MAINTENANCE SHALL INCLUDE RESEEDING OF AREAS THAT FAILED TO ESTABLISH.

10. SODDING: ROUTINE MAINTENANCE SHALL INCLUDE WATERING AND MOWING. REPLACEMENT OF GRASS MAY BE NECESSARY IF COVER IS NOT FULLY ESTABLISHED.

11. INLETS: ROUTINE MAINTENANCE SHALL INCLUDE INSPECTION AFTER EVERY STORM EVENT AND MIGHT INCLUDE REMOVAL OF ACCUMULATED SEDIMENT.

12. OUTFALL STRUCTURES: ROUTINE MAINTENANCE SHALL INCLUDE INSPECTION AFTER EVERY STORM EVENT TO ASSURE NO EROSION OR SCOUR HAS OCCURRED.

13. DRY RETENTION BASINS: ROUTINE MAINTENANCE SHALL INCLUDE MONITORING FOR SEDIMENT ACCUMULATION, CLEAN AND REMOVE DEBRIS FROM INLETS AND OUTLETS, MOW SIDE SLOPES AND INSPECT FOR DAMAGE OF BERMS AND REPAIR UNDERCUT OR ERODED AREAS AS NECESSARY.

14. WET DETENTION BASINS: ROUTINE MAINTENANCE SHALL INCLUDE MONITORING FOR SEDIMENT ACCUMULATION, CLEAN AND REMOVE DEBRIS FROM INLETS AND OUTLETS, MOW SIDE SLOPES AND INSPECT FOR DAMAGE OF BERMS AND REPAIR UNDERCUT OR ERODED AREAS AS NECESSARY.

IX. INSPECTIONS:

1. THE OWNER AND /OR CONTRACTOR SHALL PROVIDE QUALIFIED PERSONNEL TO INSPECT ALL POINTS OF POTENTIAL DISCHARGE FROM THE PROJECT SITE FOR DISTURBED AREAS, THE EROSION AND SEDIMENTATION CONTROLS AND BMP'S AS LISTED IN THIS PLAN. THE INSPECTION SHALL BE PERFORMED DURING CONSTRUCTION AND BEFORE FINAL STABILIZATION, ONCE EVERY SEVEN-CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS GREATER THAN 0.50 INCHES. AFTER FINAL STABILIZATION AND BEFORE FINISH OF CONSTRUCTION THE INSPECTION SHALL BE CONDUCTED ONCE EVERY MONTH.

2. THE CONTRACTOR SHALL INSTALL A RAIN GAUGE AT THE SITE TO MONITOR AND DOCUMENT RAINFALL EVENTS IN EXCESS OF 0.50 INCHES.

3. ALL DISTURBED AREAS AND AREAS USED FOR MATERIALS STORAGE SHALL BE INSPECTED FOR POLLUTANTS ENTERING THE STORMWATER SYSTEM. THE STORMWATER MANAGEMENT SYSTEM AND EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE INSPECTED TO ENSURE THEY ARE OPERATING CORRECTLY. LOCATIONS WHERE VEHICLES ENTER AND LEAVE THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING.

4. REPAIR OR MAINTENANCE NEEDED TO ASSURE PROPER OPERATION OF THE STORMWATER POLLUTION PREVENTION PLAN SHALL BE DONE IN A TIMELY MANNER BUT NO LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.

5. A REPORT SHALL BE KEPT OF EACH INSPECTION FOR THREE YEARS AFTER FINAL STABILIZATION AND SHALL INCLUDE THE DATES OF EACH INSPECTION, THE SCOPE OF THE INSPECTION, MAJOR OBSERVATIONS, ANY REPAIR AND/OR MAINTENANCE REQUIRED AND ANY INCIDENT OF NON-COMPLIANCE. IF THE REPORT DOES NOT CONTAIN ANY INCIDENTS OF NON-COMPLIANCE, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY HAS BEEN IN COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND THE NPDES PERMIT. THE REPORT SHALL INCLUDE THE NAME AND QUALIFICATIONS OF THE INSPECTOR AND SHALL BE SIGNED IN ACCORDANCE TO FDEP RULE 62-621.300, PART VII.C. A COPY OF THE CONSTRUCTION INSPECTION FORM IS INCLUDED ON THIS STORMWATER POLLUTION PREVENTION PLAN SHEET. A COPY SHALL BE RETAINED AT THE CONSTRUCTION SITE FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.

X. NON-STORMWATER DISCHARGES:

1. THE FOLLOWING NON-STORMWATER DISCHARGES MIGHT BE COMBINED WITH STORMWATER AND WOULD BE AUTHORIZED AS PART OF THIS PERMIT: FIRE HYDRANT FLUSHING, CONTROL OF DUST, POTABLE WATER FLUSHING AND IRRIGATION DRAINAGE. BECAUSE OF THE NATURE OF THESE DISCHARGES, THE EROSION, STABILIZATION AND TREATMENT SYSTEMS TO BE IMPLEMENTED, AS PART OF THIS PLAN WOULD BE APPROPRIATE TO PREVENT AND TREAT ANY POLLUTION RELATED TO THESE NON-STORMWATER DISCHARGES.

XI. CONTRACTORS:

1. ALL CONTRACTORS AND/OR SUBCONTRACTORS RESPONSIBLE FOR IMPLEMENTING THE PLAN SHALL SIGN THE CERTIFICATION STATEMENT BEFORE STARTING CONSTRUCTION ACTIVITIES OF THE PROJECT. THE CERTIFICATION MUST INCLUDE THE NAME AND TITLE OF THE PERSON PROVIDING THE SIGNATURE, THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE CONTRACTING FIRM, THE ADDRESS OF THE SITE AND THE DATE THE CERTIFICATION IS MADE. THE OWNER SHALL KEEP THESE CERTIFICATIONS AS PART OF THIS POLLUTION PLAN. MULTIPLE COPIES OF THE CERTIFICATION STATEMENT MAY BE NECESSARY DEPENDING UPON THE NUMBER OF SUBCONTRACTORS ASSOCIATED WITH THE PROJECT.

Gainesville Renewable Energy Center
An American Renewables Company

CERTIFICATION STATEMENT

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND AND SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER."

CONTRACTING FIRM:
_____

ADDRESS:
_____

CITY, STATE, ZIP CODE:
_____

TELEPHONE: _____

FAX: _____

PROJECT NAME:
_____

PROJECT ADDRESS:
_____

PROJECTADDRESS:
_____

CITY, STATE, ZIP CODE:
_____

NAME: _____

SIGNATURE: _____

DATE: _____

Gainesville Renewable Energy Center
An American Renewables Company

Attachment G

Detailed Construction Plans

Copies of the Detailed Construction Plans files are provided in electronic format on compact disc as 36” x 24” if higher resolution is desired

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS

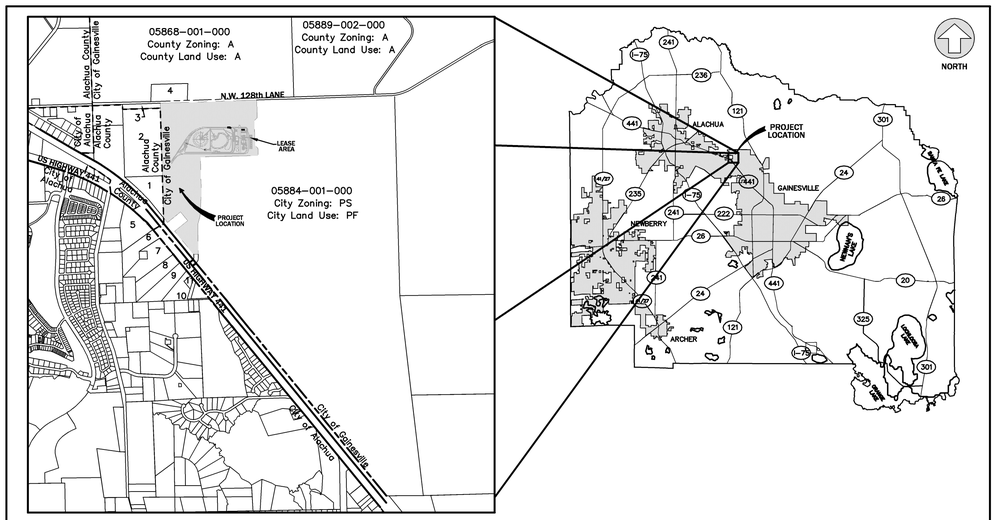
\\server3\engprojects\gainesville renewable energy center\01-29-10_sc\D09194j1.dwg - COVER

Gainesville Renewable Energy Center

An American Renewables Company

BIOMASS GENERATING FACILITY

CITY OF GAINESVILLE, FLORIDA



VICINITY MAP

ALACHUA COUNTY, FLORIDA

NOT TO SCALE

LEGEND

ZONING:

City of Gainesville

PS = PUBLIC SERVICES

A = AGRICULTURAL (County Zoning)

City of Alachua

CI = COMMERCIAL INTENSIVE

A = AGRICULTURAL

Alachua County

A = AGRICULTURAL

FUTURE LAND USE:

City of Gainesville

PF = PUBLIC FACILITIES

A = AGRICULTURAL (County Land Use)

REC = RURAL EMPLOYMENT CENTER (County Land Use)

City of Alachua

COMM = COMMERCIAL

A = AGRICULTURAL

Alachua County

REC = RURAL EMPLOYMENT CENTER

1) PARCEL: 05884-001-001
COUNTY ZONING: A
COUNTY LAND USE: REC

2) PARCEL: 05890-001-000
COUNTY ZONING: A
COUNTY LAND USE: REC

3) PARCEL: 05890-001-000
COUNTY ZONING: A
COUNTY LAND USE: REC

4) PARCEL: 05868-099-000
COUNTY ZONING: A
COUNTY LAND USE: REC

5) PARCEL: 05885-010-006
CITY OF ALACHUA ZONING: CI
CITY OF ALACHUA LAND USE: COMM

6a) PARCEL: 05885-010-005
CITY OF ALACHUA ZONING: CI
CITY OF ALACHUA LAND USE: COMM

7) PARCEL: 05885-010-004
CITY OF ALACHUA ZONING: CI
CITY OF ALACHUA LAND USE: COMM

8) PARCEL: 05885-010-003
CITY OF ALACHUA ZONING: CI
CITY OF ALACHUA LAND USE: COMM

9) PARCEL: 05885-010-002
CITY OF ALACHUA ZONING: CI
CITY OF ALACHUA LAND USE: COMM

10) PARCEL: 05885-010-010
CITY OF ALACHUA ZONING: CI
CITY OF ALACHUA LAND USE: COMM

11) PARCEL: 05885-010-001
CITY OF ALACHUA ZONING: CI
CITY OF ALACHUA LAND USE: COMM

DEVELOPMENT INFORMATION:

1.	PROPERTY OWNER:	CITY OF GAINESVILLE P.O. BOX 490 MS 58 GAINESVILLE, FL 32602
2.	PROJECT APPLICANT:	GAINESVILLE RENEWABLE ENERGY CENTER, LLC 75 ARLINGTON STREET, 5TH FLOOR BOSTON, MA 02116 (617)482-6150
3.	NAME OF PROJECT:	GAINESVILLE RENEWABLE ENERGY CENTER (GREC) – BIOMASS GENERATING FACILITY
4.	PROJECT DESCRIPTION:	THE PROJECT INCLUDES THE CONSTRUCTION OF A BIOMASS ELECTRIC GENERATING FACILITY IN CONJUNCTION WITH GAINESVILLE REGIONAL UTILITIES.
5.	PROJECT ADDRESS:	10001 N.W. 13th STREET GAINESVILLE, FLORIDA
6.	TAX PARCEL NUMBER:	A PORTION OF 05884-001-00
7.	SECTION/TOWNSHIP/RANGE:	SECTION 27, TOWNSHIP 8 SOUTH, RANGE 19 EAST
8.	ZONING:	PUBLIC SERVICES (PS)
9.	FUTURE LAND DESIGNATION:	PUBLIC FACILITIES (PF)

DRAWING INDEX

SHEET NUMBER	DRAWING TITLE
C0.00	COVER SHEET
C0.50 – C0.52	OVERALL LAYOUT
C0.60 – C0.61	WETLAND BUFFER IMPACTED & COMPENSATED AREAS
C2.00 – C2.02	PRE-DEVELOPMENT DRAINAGE AREAS
C2.03 – C2.05	POST-DEVELOPMENT DRAINAGE AREAS
C2.10	SOILS MAP
C2.20 – 2.22	PAVING, GRADING & DRAINAGE PLANS
C2.40 – C2.45	STORMWATER BASINS, DETAILS AND CROSS SECTIONS
C2.46	LAYDOWN AREA TYPICAL CROSS-SECTIONS
C3.00	STORMWATER POLLUTION PREVENTION PLAN
C3.10 – C3.16	MASTER EROSION AND SEDIMENTATION CONTROL PLAN
C3.20	DRAINAGE DETAILS & NOTES
C5.00	ROADWAY DETAILS, NOTES AND TYPICAL CROSS-SECTION
C6.00 – C6.08	ROADWAYS PLAN & PROFILES

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: AS SHOWN

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST. Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: COVER SHEET

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR | Date: NOV. 13, 2009

Project No: 09-194

Professional Engineer of Record:

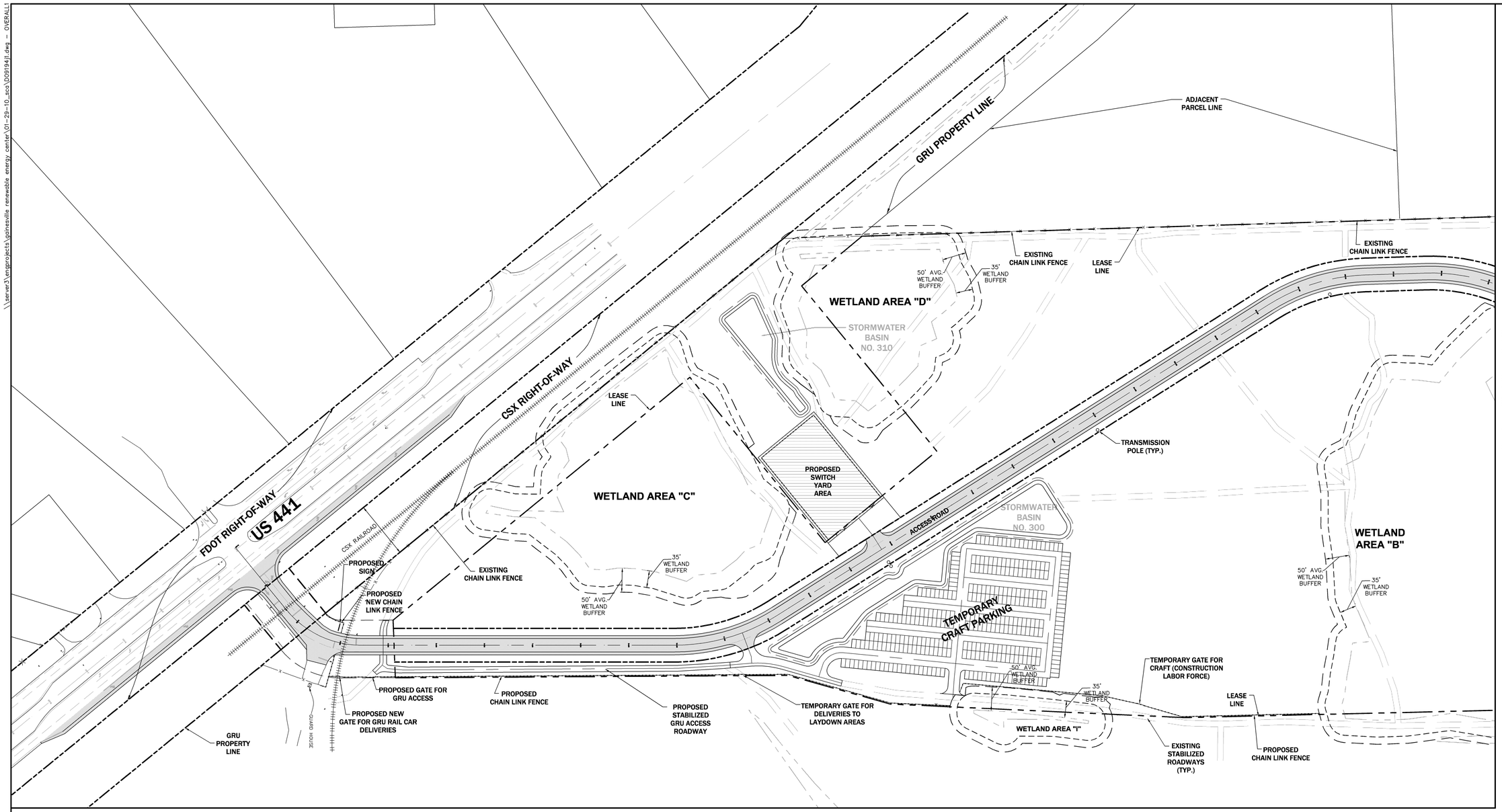
Claudia S. Vega, P.E. Engineer

51532 Certificate No.

Sheet No.: C0.00

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_scs\D09194jl.dwg - OVERALL1



SEE SHEET C0.51 (SHEET 2 of 3)
A - A

LEGEND

- PROPOSED ROADWAY
- PROPOSED SWITCH YARD AREA
- PROPOSED PERMANENT 6' CHAINLINK FENCE

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2464 N.W. 43rd ST. Gainesville, FLORIDA 32606-6672
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: OVERALL LAYOUT
SHEET 1 of 3

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR

Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega P.E. — 51532
Engineer — Certificate No.

Sheet No.: C0.50

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sca\D091941.dwg - OVERALL2

ALACHUA COUNTY RIGHT-OF-WAY

NW 128th LANE

EXISTING CHAIN LINK FENCE

PROPOSED GATE FOR EMERGENCY ACCESS

PROPOSED GATE

PROPOSED CHAIN LINK FENCE

LEASE LINE

STORMWATER BASIN NO. 102

STORMWATER BASIN NO. 101

STORMWATER BASIN NO. 100

WETLAND AREA "A1"

PROPOSED WATER WELLS (NON-POTABLE)

POWER POLES (TYP.)

EMERGENCY ACCESS ROAD

35' WETLAND BUFFER

50' AVG. WETLAND BUFFER

PROPOSED WATER WELL (POTABLE)

PROPOSED PLANT
(SEE ZACHRY PLANS FOR DETAILS)

WETLAND AREA "A2"

PROPOSED WATER WELL (POTABLE)

SCALE HOUSE

PROPOSED GATE

ELECTRIC VAULT

SEE SHEET C0.52 (SHEET 3 of 3)
B - B

PROPOSED GATE FOR PRIMARY ACCESS

STORMWATER BASIN NO. 202

WETLAND AREA "B"

WETLAND AREA "H"

SEE SHEET C0.50 (SHEET 1 of 3)
A - A

LEGEND

- PROPOSED ROADWAY
- PROPOSED POTABLE WELLS
- PROPOSED NON-POTABLE WELLS

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS · SURVEYORS · PLANNERS
EB 2389
2404 N.W. 43rd ST. GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title:
OVERALL LAYOUT
SHEET 2 of 3

Project phase:
STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR | Date: NOV. 13, 2009 | Project No: 09-194

Professional Engineer of Record:

Claudia S. Vega P.E. — Engineer

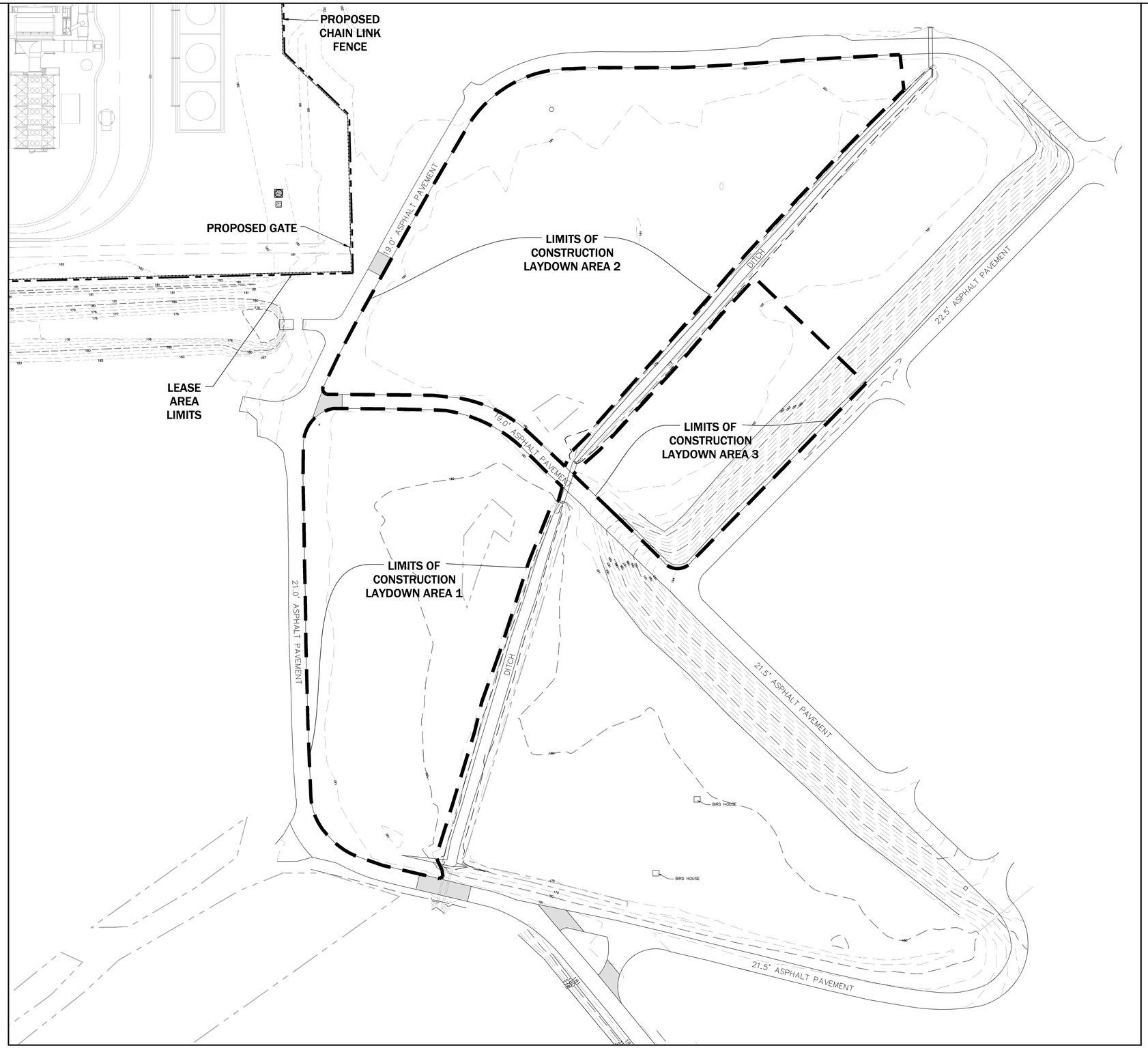
Certificate No. 51532

Sheet No.:
C0.51

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sca\D091941I.dwg - OVERALL3

SEE SHEET C0.51 (SHEET 2 of 3)
B - B



LEGEND

EXISTING PAVEMENT AREA CUT & REPAIR LIMITS

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 60'

60 30 0 60

GRAPHIC SCALE

ENG. DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2989
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title:
OVERALL LAYOUT
SHEET 3 of 3

Project phase:
STATE CERTIFICATION

Designed: CSV/CAP Drawn: JVR

Project No: 09-194 Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega, P.E. 51532
Engineer Certificate No.

Sheet No.:
C0.52

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\wrgprojects\gainesville renewable energy center\01-29-10_sco\D0919411.dwg - WETLANDS1

WETLAND AREA "D"

LEASE LINE LIMITS

50' BUFFER

35' BUFFER

WETLAND 50' AVG. BUFFER COMPENSATED AREA = 0.03 Ac.

WETLAND 50' AVG. BUFFER IMPACTED AREA = 0.03 Ac.

WETLAND AREA "C"

WETLAND 50' AVG. BUFFER IMPACTED AREA = 0.06 Ac.

WETLAND 50' AVG. BUFFER COMPENSATED AREA = 0.06 Ac.

50' BUFFER

35' BUFFER

WETLAND 50' AVG. BUFFER IMPACTED AREA = 0.001 Ac.

WETLAND 50' AVG. BUFFER IMPACTED AREA = 0.003 Ac.

WETLAND 50' AVG. BUFFER COMPENSATED AREA = 0.04 Ac.

WETLAND AREA "I"

LEASE LINE LIMITS

WETLAND 50' AVG. BUFFER IMPACTED AREA = 0.04 Ac.

35' BUFFER

50' BUFFER

WETLAND 50' AVG. BUFFER COMPENSATED AREA = 0.04 Ac.

WETLAND AREA "B"

WETLAND ARE

TIE TO C0.61 (SHEET 2 of 3)

LEGEND

- WETLAND AREAS
- PROPOSED 50' BUFFER IMPACTED AREA
- PROPOSED 50' BUFFER COMPENSATION AREA

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: WETLAND BUFFER IMPACTED & COMPENSATED AREAS
SHEET 1 of 3

Project phase: STATE CERTIFICATION

Designed: CSV/CAP Drawn: JVR

Project No: 09-194 Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega P.E. 51532
Engineer Certificate No.

Sheet No.:

C0.60

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_asco\D09194fl.dwg — WETLANDS2

NW 128th LANE

LEASE LINE LIMITS

WETLAND AREA "J"

WETLAND AREA "A1"

50' BUFFER

WETLAND 50' AVG. BUFFER IMPACTED AREA = 0.03 Ac.

WETLAND AREA "E"

35' BUFFER

WETLAND 50' AVG. BUFFER COMPENSATED AREA = 0.03 Ac.

WETLAND AREA "F"

WETLAND AREA "A2"

LEASE LINE LIMITS

WETLAND AREA "G"

WETLAND 50' AVG. BUFFER IMPACTED AREA = 0.03 Ac.

50' BUFFER

35' BUFFER

DIRT AND GRASS TRAIL–WIDTH VARIES

WETLAND 50' AVG. BUFFER COMPENSATED AREA = 0.03 Ac.

WETLAND AREA "B"

ELECTRIC VAULT

PUMP STA.

18.0' ASPHALT PAVEMENT

LEASE LINE LIMITS

TIE TO C0.60 (SHEET 1 of 3)

TIE TO C0.62 (SHEET 3 of 3)

LEGEND

- WETLAND AREAS
- PROPOSED 50' BUFFER IMPACTED AREA
- PROPOSED 50' BUFFER COMPENSATION AREA
- IMPACTED WETLANDS

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: WETLAND BUFFER IMPACTED & COMPENSATED AREAS
SHEET 2 of 3

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR | Date: NOV. 13, 2009 | Project No: 09-194

Professional Engineer of Record:

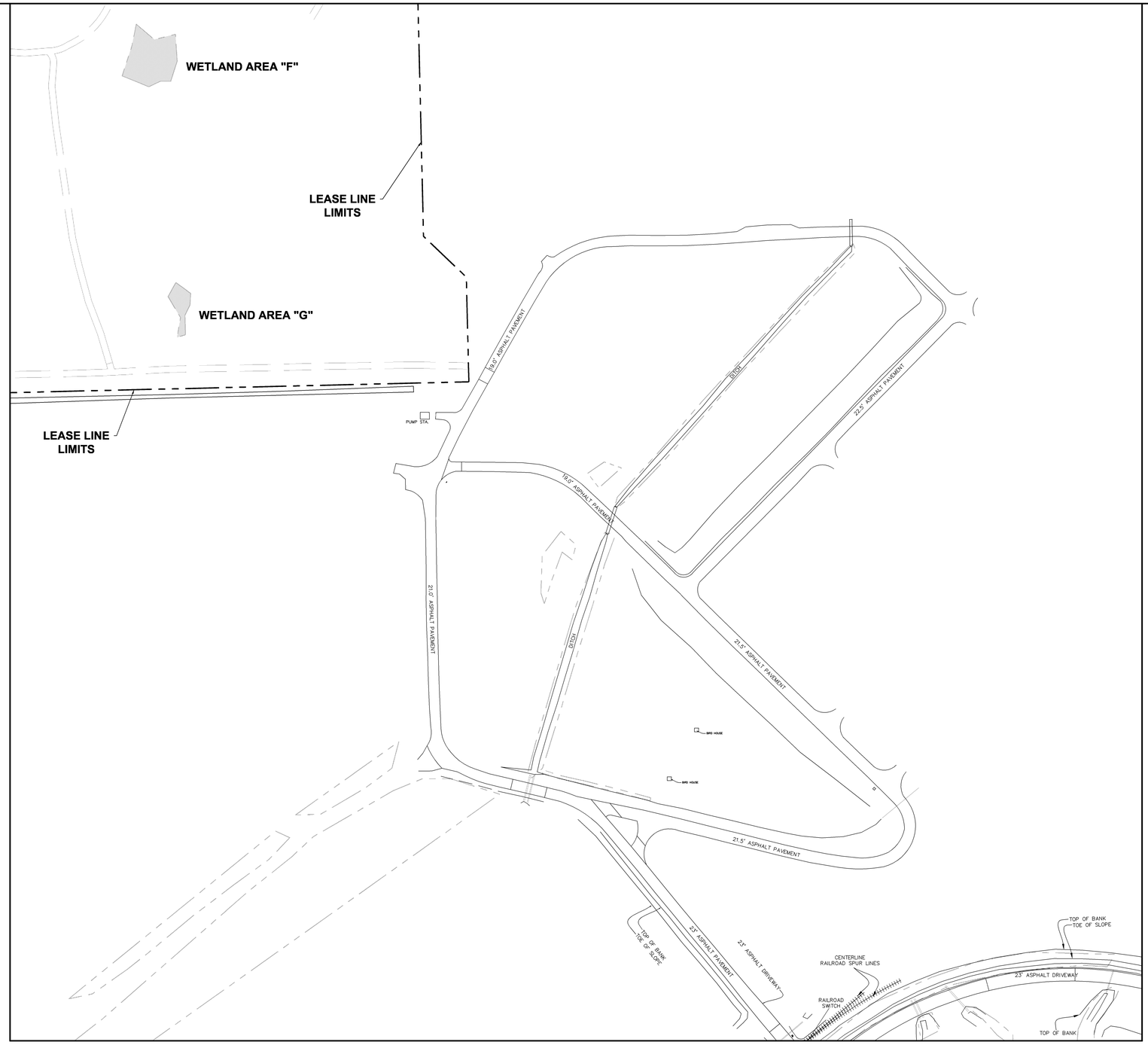
Claudia S. Vega, P.E. — Engineer — Certificate No. 51532

Sheet No.: C0.61

Plotted Jan 27, 2010 – 14:57:32 – Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sco\D09194f1.dwg — WETLANDS3

TIE TO C0.61 (SHEET 2 of 3)



LEGEND

- WETLAND AREAS
- PROPOSED 50' BUFFER IMPACTED AREA
- PROPOSED 50' BUFFER COMPENSATION AREA
- IMPACTED WETLANDS

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title:
WETLAND BUFFER IMPACTED & COMPENSATED AREAS
SHEET 3 of 3

Project phase:
STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR
Project No: 09-194 | Date: NOV. 13, 2009

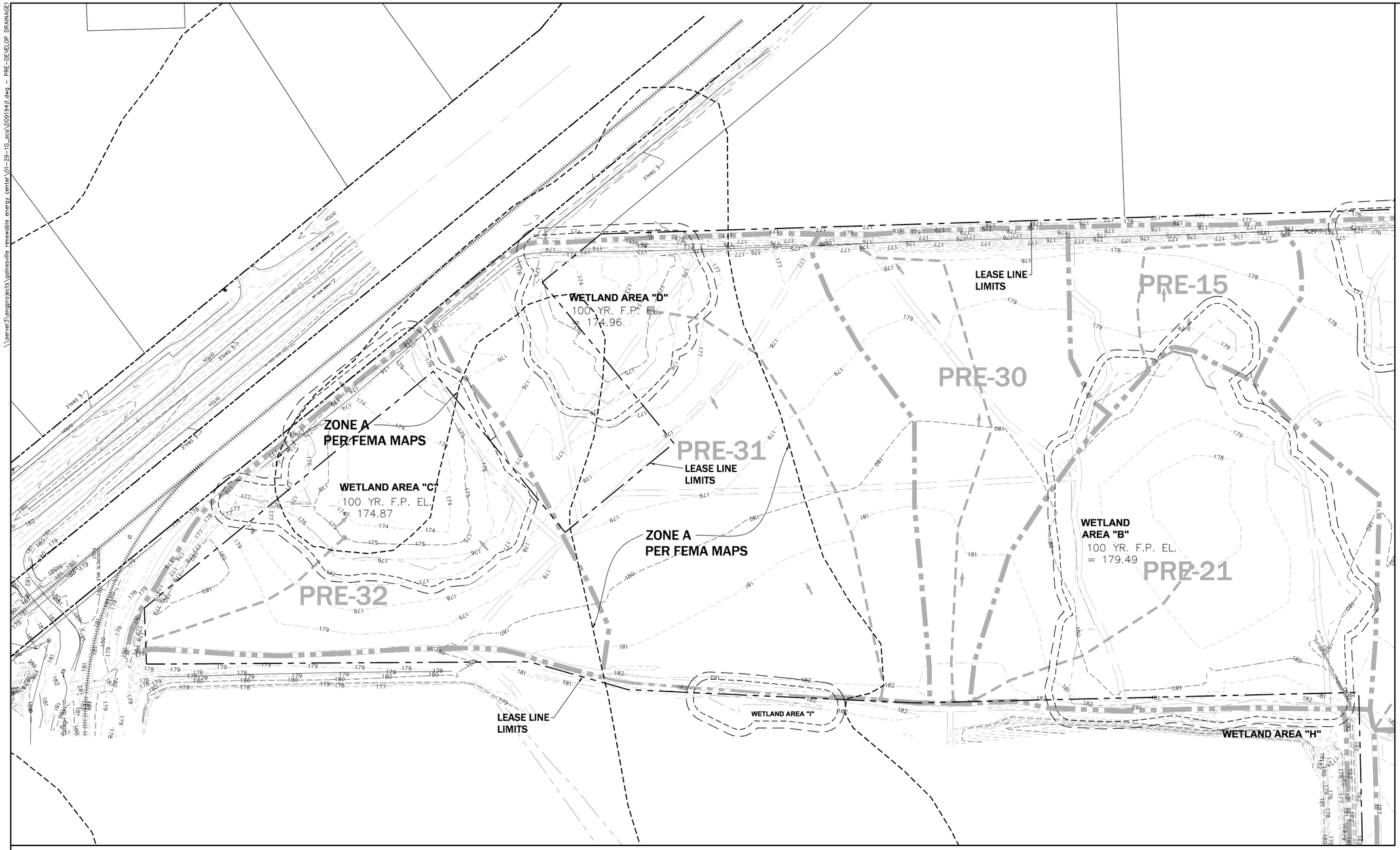
Professional Engineer of Record:

Claudia S. Vega P.E. — 51532
Engineer — Certificate No.

Sheet No.:
C0.62

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sca\D0919491.dwg - PRE-DEVELOP DRAINAGE1



LEGEND

- 183 — EXISTING CONTOUR ELEVATION
- PRE-DEVELOPMENT DRAINAGE AREAS
- EXISTING ZONE A LIMITS PER FEMA MAPS
- TIME OF CONCENTRATION
- DRAINAGE PATTERN

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: PRE-DEVELOPMENT DRAINAGE AREAS
SHEET 1 of 3

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR

Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:

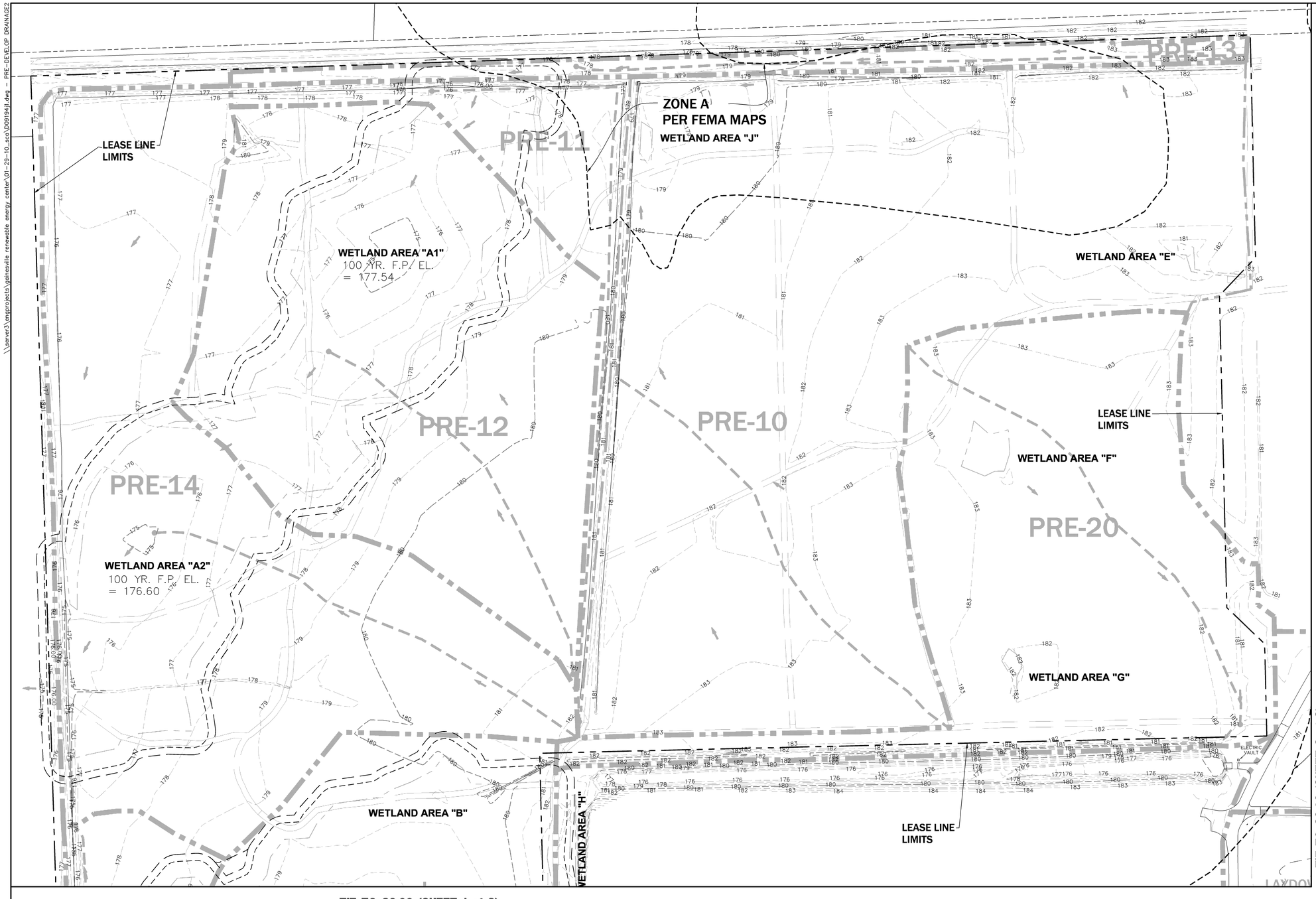
Claudia S. Vega P.E. 51532
Engineer Certificate No.

Sheet No.:

C2.00

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\vengprojects\gainesville renewable energy center\01-29-10_sca\D0919411.dwg - PRE-DEVELOP DRAINAGE2



LEGEND

- EXISTING CONTOUR ELEVATION (183)
- PRE-DEVELOPMENT DRAINAGE AREAS
- EXISTING ZONE A LIMITS PER FEMA MAPS
- TIME OF CONCENTRATION
- DRAINAGE PATTERN

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2989
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: PRE-DEVELOPMENT DRAINAGE AREAS
SHEET 2 of 3

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR | Date: NOV. 13, 2009

Project No: 09-194

Professional Engineer of Record:

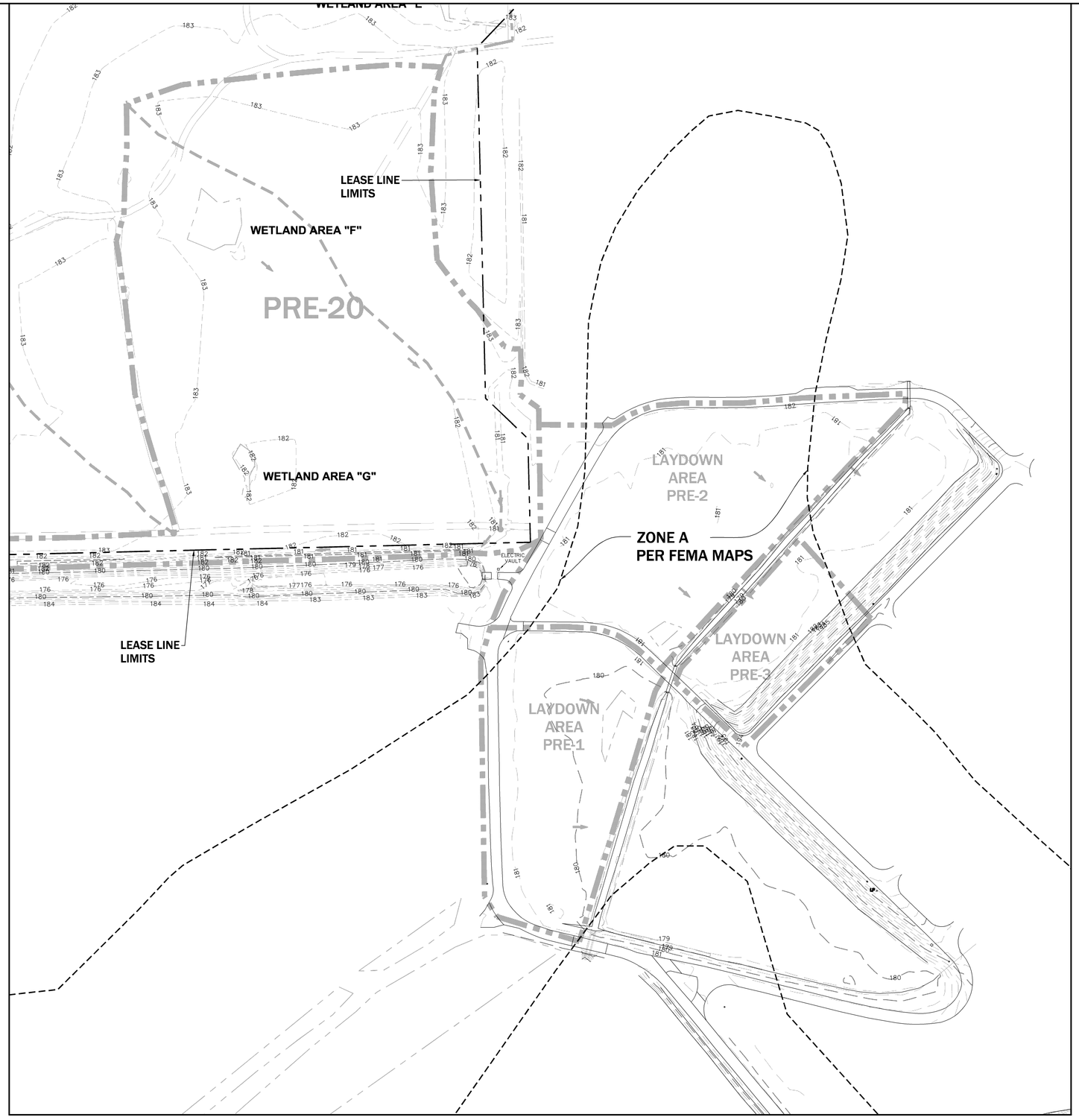
Claudia S. Vega P.E. 51532
Engineer Certificate No.

Sheet No.: C2.01

Plotted Jan 27, 2010 - 14:57:32 - Joyne Rocks

\\server3\vengprojects\gainesville renewable energy center\01-29-10_sca\D091941.dwg - PRE-DEVELOP DRAINAGE3

TIE TO C2.01 (SHEET 2 of 3)



LEGEND

- 183 — EXISTING CONTOUR ELEVATION
- PRE-DEVELOPMENT DRAINAGE AREAS
- EXISTING ZONE A LIMITS PER FEMA MAPS
- TIME OF CONCENTRATION
- DRAINAGE PATTERN

No.	Date	REVISIONS PER STATE COMMENTS	Comment
1	01/29/10		

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: PRE-DEVELOPMENT DRAINAGE AREAS
SHEET 3 of 3

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR

Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega, P.E. — Engineer

51532 — Certificate No.

Sheet No.: C2.02

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sco\D0919411.dwg - POST-DEVELOP DRAINAGE1

POST-305
POST-110
POST-108
POST-109
POST-311
POST-304
POST-310
POST-302
POST-202
POST-301
POST-306
POST-308
POST-319
POST-312
POST-300
POST-318
POST-314
POST-201

LEASE LINE LIMITS

WETLAND AREA "D"
100 YR. F.P. EL.
= 174.96

STORMWATER BASIN NO. 310
(DRY RETENTION)

ZONE A
PER FEMA MAPS

WETLAND AREA "C"
100 YR. F.P. EL.
= 174.81

LEASE LINE LIMITS

STORMWATER BASIN NO. 202
(DRY RETENTION)

STORMWATER BASIN NO. 300
(DRY RETENTION)

ZONE A
PER FEMA MAPS

WETLAND AREA "B"
100 YR. F.P. EL.
= 179.44

LEASE LINE LIMITS

WETLAND AREA "I"

WETLAND AREA "H"

TEMPORARY CRAFT PARKING

TIE TO C2.04 (SHEET 2 of 3)

LEGEND

- 183 — EXISTING CONTOUR ELEVATION
- POST–DEVELOPMENT DRAINAGE AREAS
- EXISTING ZONE A LIMITS PER FEMA MAPS
- TIME OF CONCENTRATION
- DRAINAGE PATTERN

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH
SCALE: 1" = 100'
100 50 0 100
GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS · SURVEYORS · PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 · FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title:
POST-DEVELOPMENT DRAINAGE AREAS
SHEET 1 of 3

Project phase:
STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR
Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:
Claudia S. Vega, P.E. — Engineer
51532 — Certificate No.

Sheet No.:
C2.03

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sco\009194fl.dwg — POST-DEVELOP DRAINAGE2

NW 128TH LANE

POST-104

ZONE A
PER FEMA MAPS

LEASE LINE
LIMITS

POST-103

STORMWATER
BASIN NO. 102
(WET DETENTION)

STORMWATER
BASIN NO. 101
(WET DETENTION)

STORMWATER
BASIN NO. 100
(WET DETENTION)

POST-106

WETLAND AREA "A1"
100 YR. F.P. EL.
= 177.26

POST-105

LEASE LINE
LIMITS

POST-101

POST-100

PROPOSED PLANT
(SEE ZACHRY PLANS FOR DETAILS)

WETLAND AREA "A2"
100 YR. F.P. EL.
= 176.51

POST-102

POST-202

WETLAND AREA "B"

STORMWATER
BASIN NO. 202
(DRY RETENTION)

WETLAND AREA "H"

POST-200

LEASE LINE
LIMITS

ELECTRIC VAULT

18.5' ASPHALT DRIVE

TIE TO C2.05 (SHEET 3 of 3)

TIE TO C2.03 (SHEET 1 of 3)

LEGEND

- 183 — EXISTING CONTOUR ELEVATION
- POST-DEVELOPMENT DRAINAGE AREAS
- EXISTING ZONE A LIMITS PER FEMA MAPS
- TIME OF CONCENTRATION
- DRAINAGE PATTERN

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: POST-DEVELOPMENT DRAINAGE AREAS
SHEET 2 of 3

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JJR | Date: NOV. 13, 2009

Project No: 09-194

Professional Engineer of Record:

Claudia S. Vega P.E. — Engineer
51532 — Certificate No.

Sheet No.:

C2.04

Plotted Jan 27, 2010 - 14:57:32 - Joyne Rocks

\\server3\ensprojects\gainesville renewable energy center\01-29-10_asc\0091941.dwg — POST-DEVELOP DRAINAGE3

TIE TO C2.04 (SHEET 2 of 3)

LEGEND

- 183 — EXISTING CONTOUR ELEVATION
- POST–DEVELOPMENT DRAINAGE AREAS
- EXISTING ZONE A LIMITS PER FEMA MAPS
- TIME OF CONCENTRATION
- DRAINAGE PATTERN

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 100'

100 50 0 100

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS · SURVEYORS · PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title:
POST-DEVELOPMENT DRAINAGE AREAS
SHEET 3 of 3

Project phase:
STATE CERTIFICATION

Designed: CSV/CAP
Drawn: JVR
Project No: 09-194
Date: NOV. 13, 2009

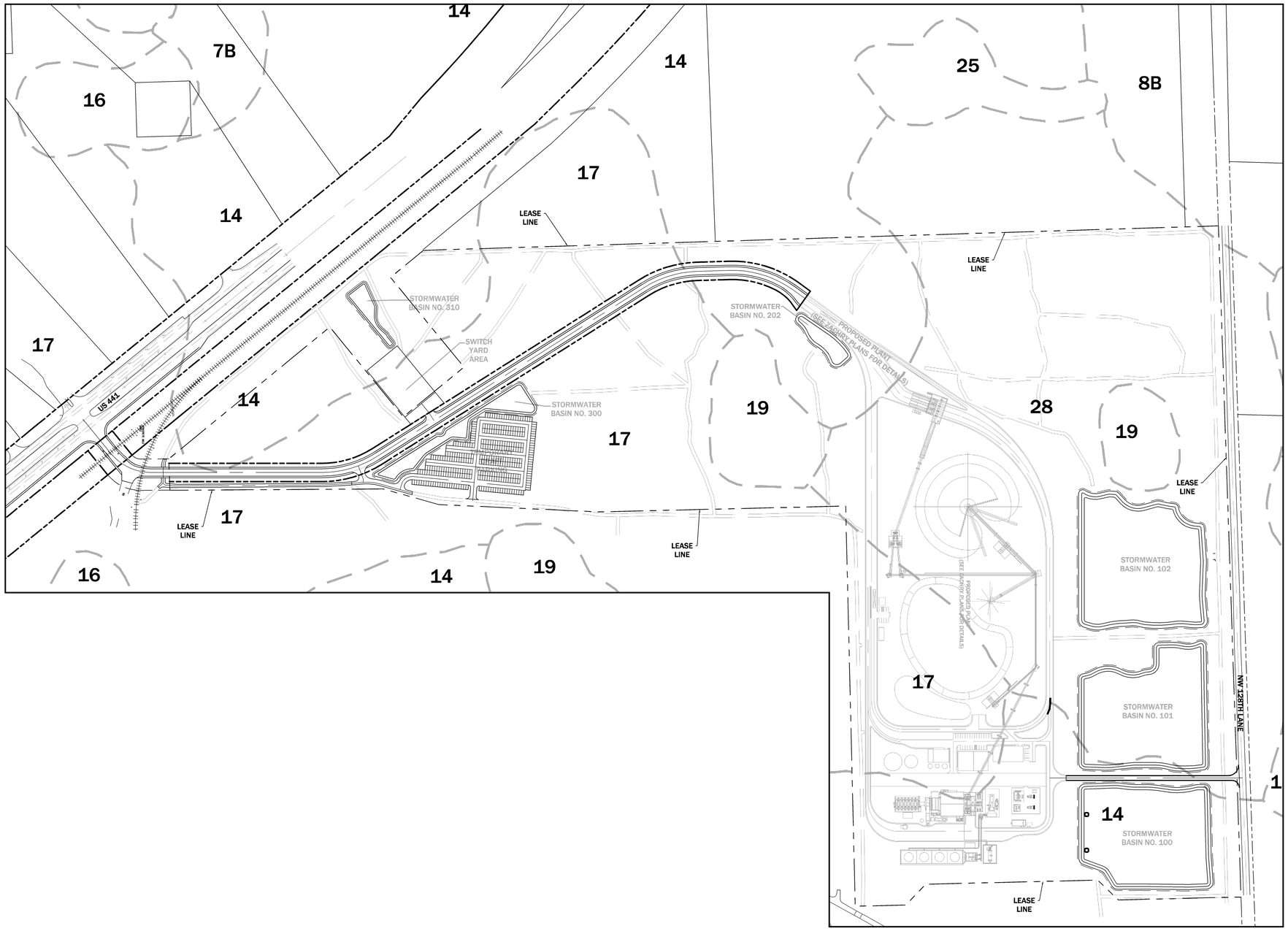
Professional Engineer of Record:

Claudia S. Vega P.E. — 51532
Engineer — Certificate No.

Sheet No.:
C2.05

Plotted Jan 27, 2010 — 14:57:32 — Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sco\D091941.dwg - SOILS MAP



SOILS LEGEND

7B	=	KANAPAHA SAND
8B	=	MILLHOPPER SAND
14	=	POMONA SAND
16	=	SURRENCY SAND
17	=	WAUCHULA SAND
19	=	MONTEOCHA LOAMY SAND
25	=	POMONA SAND, DEPRESSIONAL
28	=	CHIPLEY SAND

LEGEND

EXISTING SOILS BOUNDARIES

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 200'

200 100 0 200

GRAPHIC SCALE

ENG. DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: SOILS MAP

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR | Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega, P.E. — Engineer
51532 — Certificate No.

Sheet No.:

C2.10

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server-3\engprojects\gainesville renewable energy center\01-29-10_sco\D0919411.dwg — PGD1

LEGEND

- PROPOSED PERMANENT 6' CHAINLINK FENCE
- PROPOSED DBL SILT FENCE w/4' TEMP. CHAINLINK FENCE
- PROPOSED SILT FENCE
- LIMITS OF ASPHALT PAVEMENT

WETLAND AREA "C"

STORMWATER BASIN NO. 300

EXISTING STABILIZED ROADWAY

WETLAND AREA "I"

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 30'

30 15 0 30

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS · SURVEYORS · PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 · FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: TEMPORARY CRAFT PARKING
PAVING, GRADING AND DRAINAGE PLAN

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR

Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega, P.E. — Engineer

51532 — Certificate No.

Sheet No.: C2.20

Plotted Jan 27, 2010 – 14:57:32 – Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sca\009194fl.dwg — PGD2

Plotted Jan 27, 2010 — 14:57:32 — Jayne Rocks

21.0' ASPHALT PAVEMENT

PUMP STA.

ELECTRIC VAULT

DOUBLE SILT FENCE (TYP.)

19.0' ASPHALT PAVEMENT

AREA TO BE FILLED TO PROVIDE POSITIVE DISCHARGE

LAYDOWN AREA 1

DITCH

DOUBLE SILT FENCE & 4' TEMPORARY CHAINLINK FENCE

AREA TO BE FILLED TO PROVIDE POSITIVE DISCHARGE

LAYDOWN AREA 2

MONITOR WELL

AREA TO BE FILLED TO PROVIDE POSITIVE DISCHARGE

LAYDOWN AREA 3

DITCH

DOUBLE SILT FENCE w/ TEMP. 4' CHAINLINK FENCE (TYP.)

22.5' ASPHALT PAVEMENT

OHU

LEGEND

PROPOSED PERMANENT 6' CHAINLINK FENCE

PROPOSED DBL SILT FENCE w/ TEMP. 4' CHAINLINK FENCE

NORTH

SCALE: 1" = 40'

40 20 0 40

GRAPHIC SCALE

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 NW 43rd ST, Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: LAYDOWN AREA
PAVING, GRADING AND DRAINAGE PLAN

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR

Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega P.E. — Engineer

51532 — Certificate No.

Sheet No.:

C2.21

\\server3\engprojects\gainesville renewable energy center\01-29-10_sco\009194fl.dwg — PGD3

LEGEND

- PROPOSED DBL SILT FENCE w/ TEMP. 4' CHAINLINK FENCE
- PROPOSED SILT FENCE
- LIMITS OF ASPHALT PAVEMENT
- pi20 — EXISTING TREE TO REMAIN

WETLAND AREA 'D'

STORMWATER BASIN NO. 310

50' AVG. WETLAND BUFFER

35' WETLAND BUFFER

LEASE LINE

SWITCHYARD AREA

LIMITS OF GRAVEL 5' BEYOND FENCELINE

20' GATE

5' GATE

STABILIZED CONNECTION TO SWITCHYARD

S-32

S-34

INV. = 178.41
STA. 13+60.00, 28' LT.

INV. = 178.72
STA. 13+60.00, 28' RT.

56' - 12" x 18" ERCP @ 0.55%

INV. = 177.
STA. 17+

STORMWATER BASIN NO. 300

Plotted Jan 27, 2010 – 14:57:32 – Jayne Rocks

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 20'

20 10 0 20

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS · SURVEYORS · PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title:
SWITCHYARD
PAVING, GRADING AND DRAINAGE PLAN

Project phase:
STATE CERTIFICATION

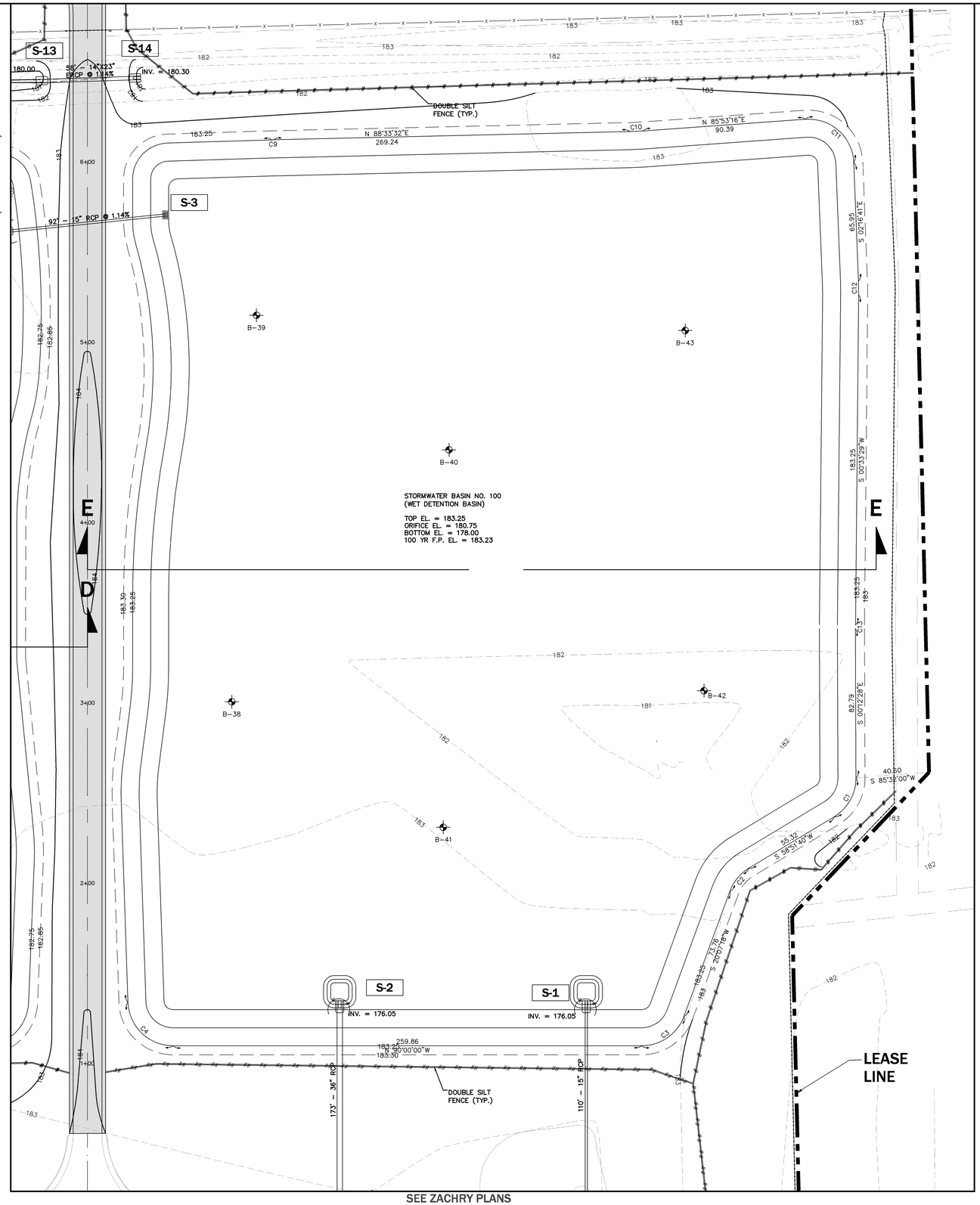
Designed: CSV/CAP | Drawn: JVR
Project No: 09-194 | Date: NOV. 13, 2009

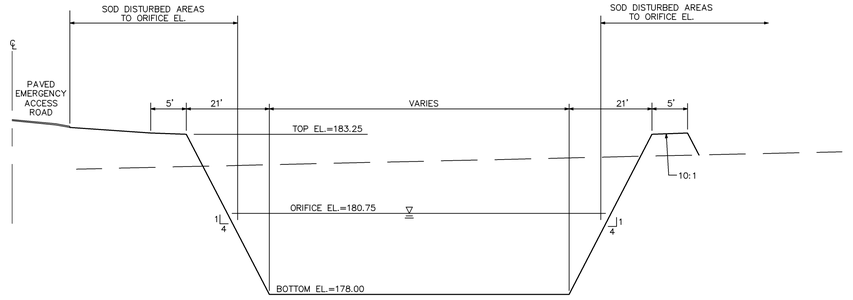
Professional Engineer of Record:

Claudia S. Vega P.E. — 51532
Engineer — Certificate No.

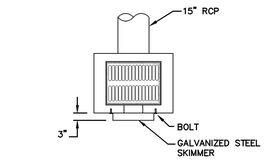
Sheet No.:
C2.22

\\server3\engprojects\gainesville renewable energy center\01-29-10_sco\D0919411.dwg - BASIN 100

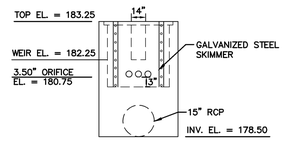




BASIN TYPICAL SECTION E - E
N.T.S.



PLAN VIEW



PROFILE VIEW

BASIN OUTFALL DETAIL (S-3)
N.T.S.

STORMWATER STRUCTURE SCHEDULE

S-1
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.00

S-2
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 176.05

S-3
TYPE C INLET
FDOT INDEX 232
TOP EL. = 183.25
WEIR EL. = 182.25
3.50" ORIFICE EL. = 180.75
INV. EL. = 178.50

S-4
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.50

S-13
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 180.00

S-14
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 180.20

CURVE	DELTA	RADIUS	ARC	CHORD	TANGENT	CHORD BEARING
C1	59° 04' 08"	25.00	25.77	24.65	14.16	N 29° 19' 36" E
C2	38° 44' 22"	25.00	16.90	16.58	8.79	S 39° 29' 29" W
C3	69° 52' 42"	25.00	30.49	28.64	17.47	N 55° 03' 39" E
C4	88° 04' 12"	25.00	38.43	34.75	24.17	S 45° 57' 54" E
C5	07° 09' 18"	150.00	18.73	18.72	9.38	S 01° 38' 51" W
C6	12° 33' 23"	500.00	109.57	109.36	55.01	N 01° 03' 12" W
C7	05° 24' 05"	150.00	14.14	14.14	7.08	S 04° 37' 51" E
C8	90° 10' 33"	25.00	39.35	35.41	25.08	S 43° 09' 28" W
C9	00° 25' 33"	150.00	1.11	1.11	0.56	S 88° 27' 31" W
C10	02° 47' 01"	150.00	7.29	7.29	3.64	N 87° 16' 47" E
C11	91° 50' 03"	25.00	40.07	35.92	25.81	N 48° 11' 43" W
C12	02° 50' 10"	150.00	7.43	7.42	3.71	N 00° 51' 36" W
C13	00° 45' 57"	150.00	2.01	2.01	1.00	S 00° 10' 31" W

LEGEND

- PROPOSED PERMANENT 6' CHAINLINK FENCE
- PROPOSED DBL SILT FENCE
- PROPOSED SILT FENCE
- 183 EXISTING CONTOUR ELEVATION
- 183 PROPOSED CONTOUR ELEVATION
- B-# SOIL TESTING BORING LOCATION

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH
SCALE: 1" = 30'
30 15 0 30
GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: STORMWATER BASINS, DETAILS & CROSS-SECTIONS
BASIN NO. 100

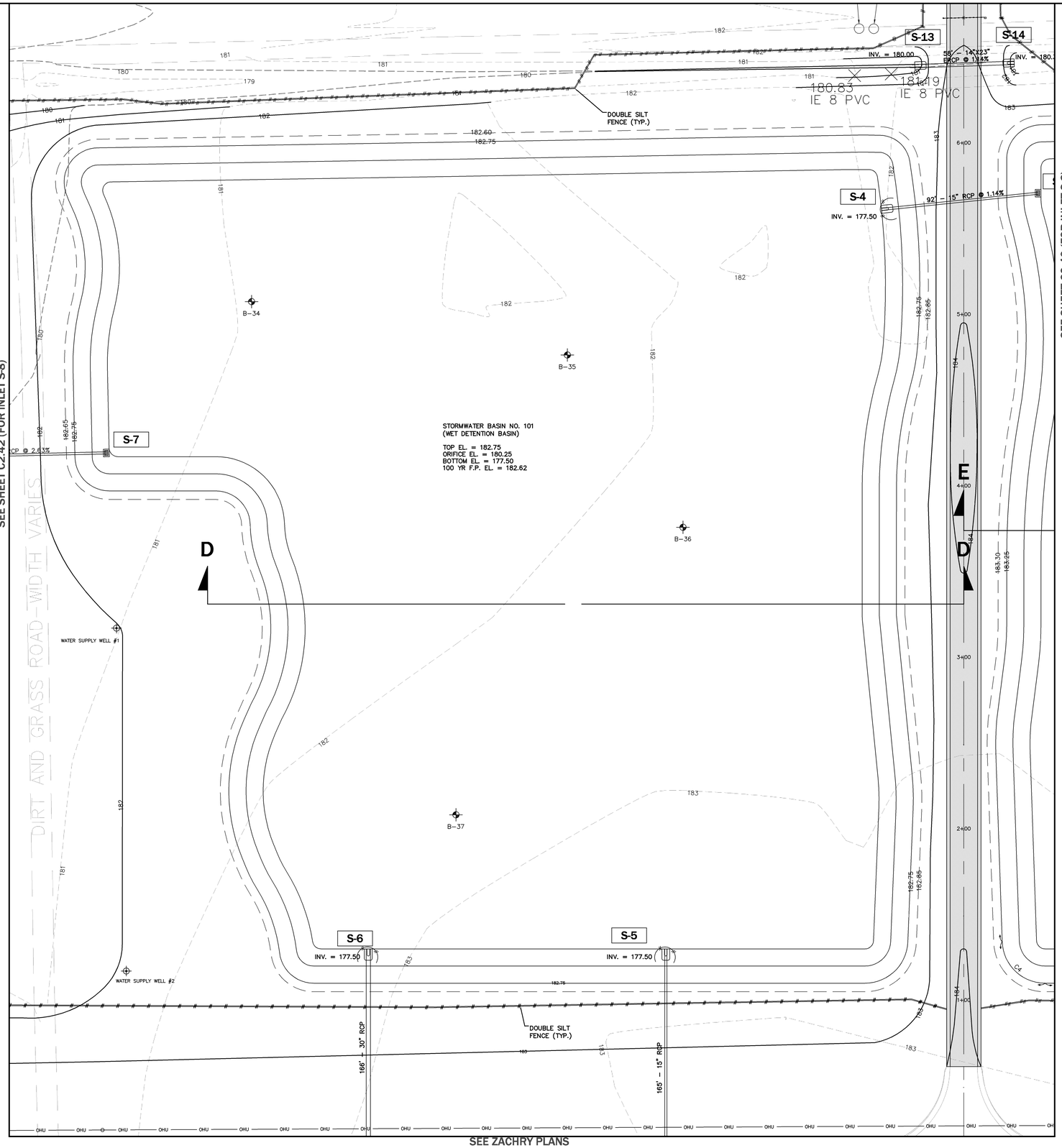
Project phase: STATE CERTIFICATION
Designed: CSV/CAP
Drawn: JMR
Date: NOV. 13, 2009
Project No: 09-194

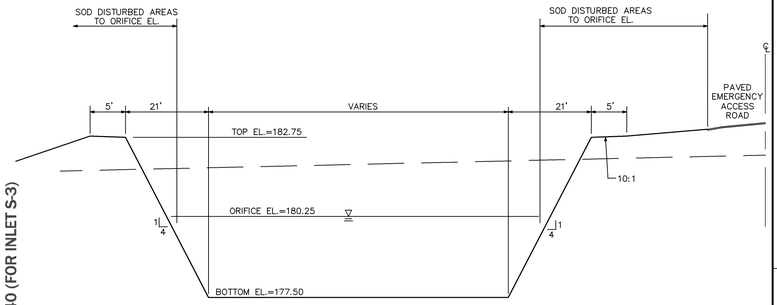
Professional Engineer of Record:
Claudia S. Vega, P.E. 51532
Engineer Certificate No.

Sheet No.: C2.40

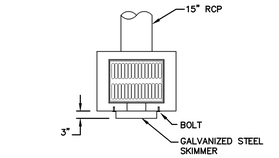
Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sca\D091941f.dwg - BASIN 101

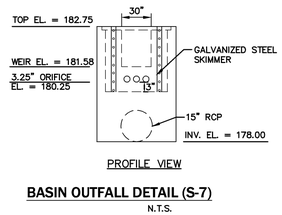




BASIN TYPICAL SECTION D - D
N.T.S.



PLAN VIEW



PROFILE VIEW

BASIN OUTFALL DETAIL (S-7)
N.T.S.

STORMWATER STRUCTURE SCHEDULE

S-3
TYPE C INLET
FDOT INDEX 232
TOP EL. = 183.25
WEIR EL. = 182.25
3.50" ORIFICE EL. = 180.75
INV. EL. = 178.50

S-4
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.50

S-5
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.50

S-6
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.50

S-7
TYPE C INLET
FDOT INDEX 232
TOP EL. = 182.75
WEIR EL. = 181.58
3.25" ORIFICE EL. = 180.25
INV. EL. = 178.00

S-8
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 175.50

S-13
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 180.00

S-14
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 180.20

LEGEND

- PROPOSED DBL SILT FENCE
- PROPOSED SILT FENCE
- 183 EXISTING CONTOUR ELEVATION
- 183 PROPOSED CONTOUR ELEVATION
- B-# SOIL TESTING BORING LOCATION

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH
SCALE: 1" = 30'
30 15 0 30
GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 370-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

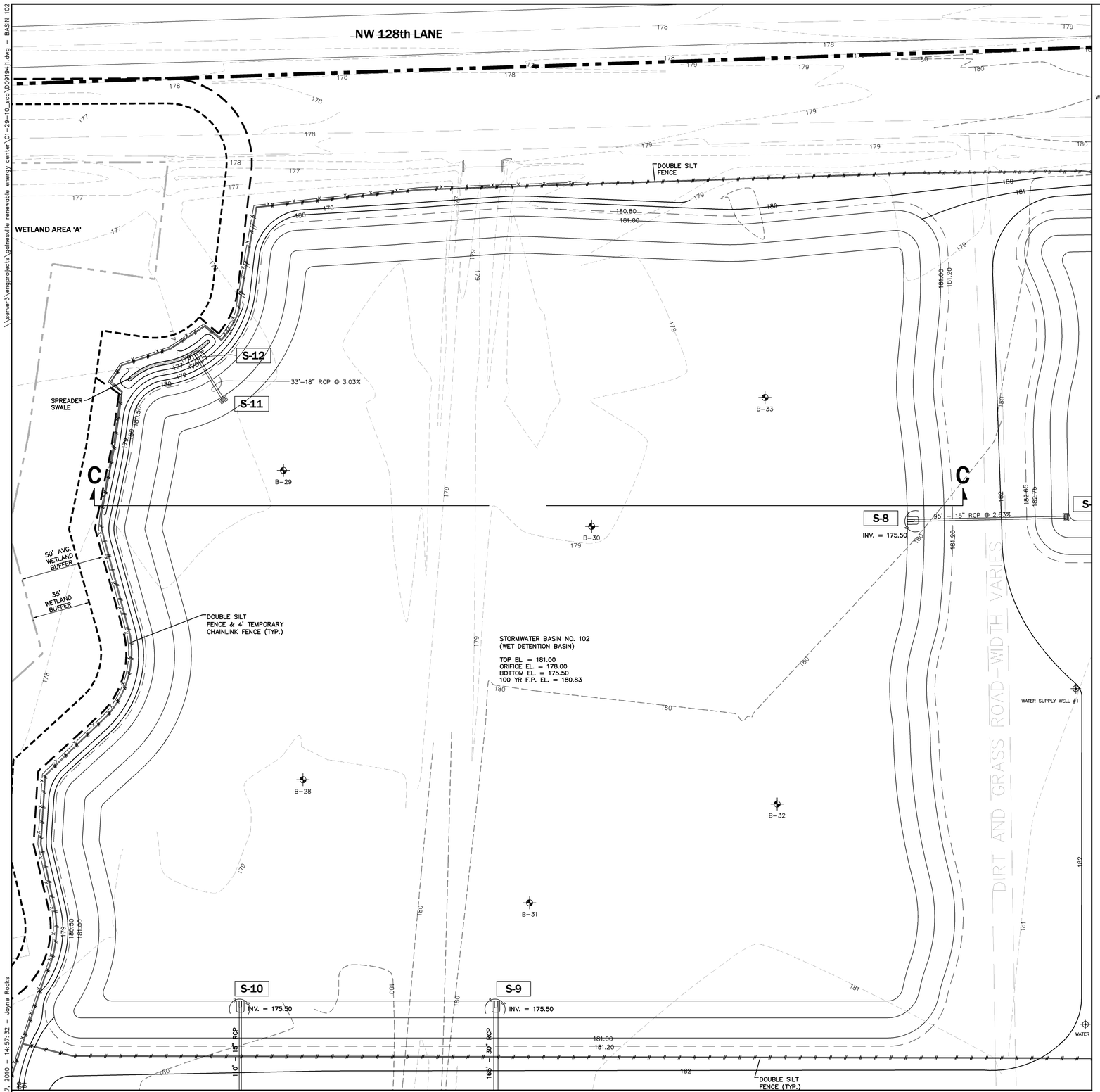
Sheet title: STORMWATER BASINS, DETAILS & CROSS-SECTIONS
BASIN NO. 101

Project phase: STATE CERTIFICATION
Designed: CSV/CAP
Drawn: JVR
Project No: 09-194
Date: NOV. 13, 2009

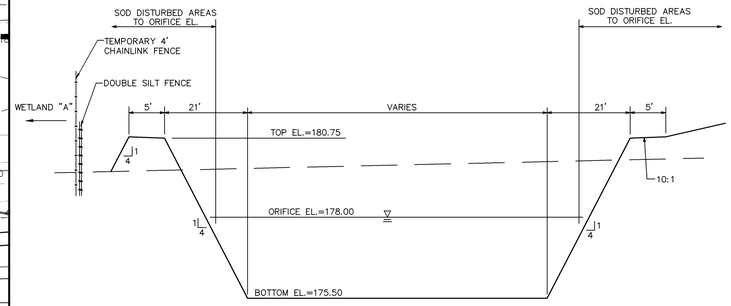
Professional Engineer of Record:
Claudia S. Vega P.E. 51532
Engineer Certificate No.

Sheet No.: C2.41

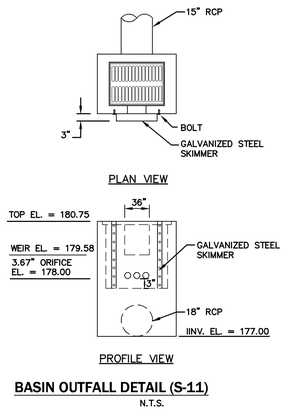
Plotted Jan 27, 2010 - 14:57:32 - Joyne Rocks



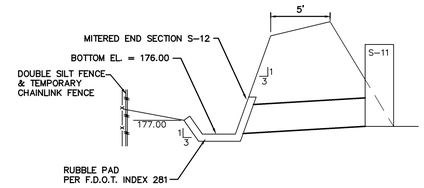
SEE SHEET C2.41 (FOR INLET S-7)



BASIN TYPICAL SECTION C - C
N.T.S.



BASIN OUTFALL DETAIL (S-11)
N.T.S.



SPREADER SWALE CROSS-SECTION
N.T.S.

STORMWATER STRUCTURE SCHEDULE

S-7
TYPE C INLET
FDOT INDEX 232
TOP EL. = 182.75
WEIR EL. = 181.58
3.25" ORIFICE EL. = 180.25
INV. EL. = 178.00

S-8
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 175.50

S-9
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 175.50

S-10
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 175.50

S-11
TYPE C INLET
FDOT INDEX 232
TOP EL. = 180.75
WEIR EL. = 179.58
3.67" ORIFICE EL. = 178.00
INV. EL. = 177.50

S-12
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 176.00

LEGEND

- PROPOSED DBL SILT FENCE w/ TEMP. 4' CHAINLINK FENCE
- PROPOSED SILT FENCE
- 183 EXISTING CONTOUR ELEVATION
- 183 PROPOSED CONTOUR ELEVATION
- B-# SOIL TESTING BORING LOCATION

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH
SCALE: 1" = 30'
30 15 0 30
GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: STORMWATER BASINS, DETAILS & CROSS-SECTIONS
BASIN NO. 102

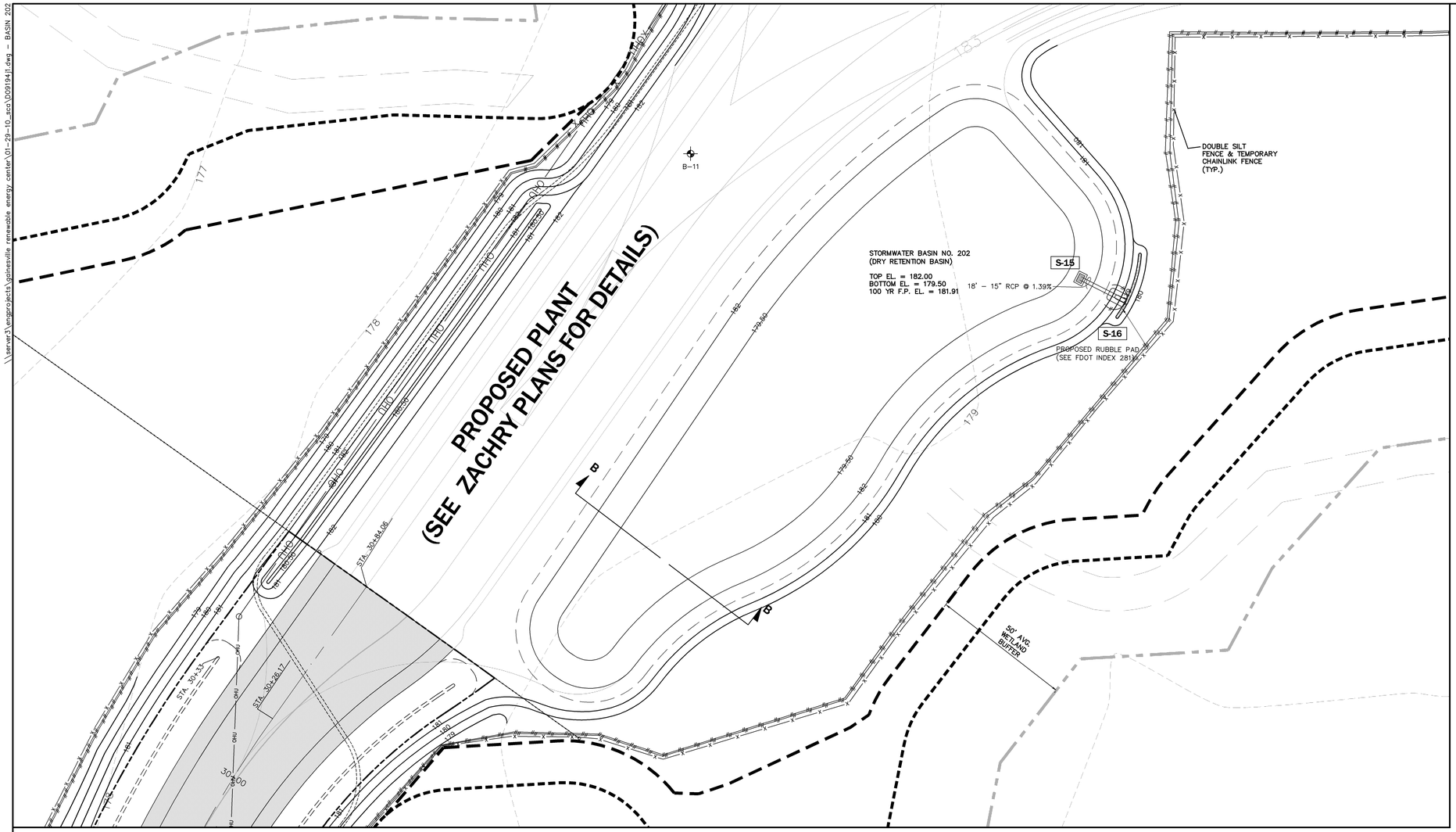
Project phase: STATE CERTIFICATION
Designed: CSV/CAP
Drawn: JJR
Project No: 09-194
Date: NOV. 13, 2009

Professional Engineer of Record:
Claudia S. Vega P.E. 51532
Engineer Certificate No.

Sheet No.:
C2.42

Plotted Jan 27, 2010 - 14:57:32 - Joyne Rocks
\\server3\vengprojects\gainesville renewable energy center\01-29-10_sco\D0919411.dwg - BASIN 102

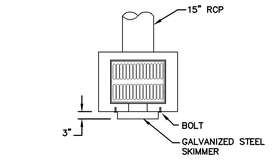
\\server3\engprojects\gainesville renewable energy center\01-29-10_aco\D0919411.dwg - BASIN 202



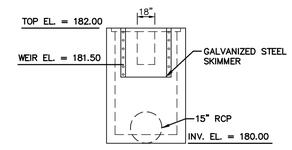
STORMWATER STRUCTURE SCHEDULE

S-15
TYPE C INLET
FDOT INDEX 232
TOP EL. = 182.00
WEIR EL. = 181.50
INV. EL. = 180.00

S-16
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 179.75

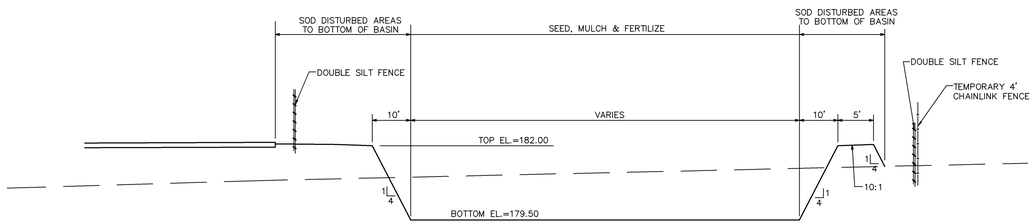


PLAN VIEW

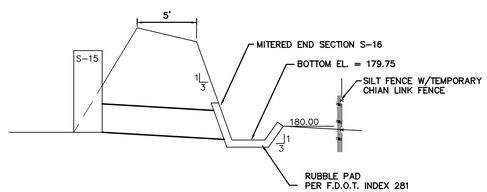


PROFILE VIEW

BASIN OUTFALL DETAIL (S-15)
N.T.S.



BASIN TYPICAL CROSS-SECTION B - B
N.T.S.



SPREADER SWALE CROSS-SECTION
N.T.S.

LEGEND

- PROPOSED PERMANENT 6' CHAINLINK FENCE
- PROPOSED DBL SILT FENCE w/ TEMP. 4' CHAINLINK FENCE
- PROPOSED SILT FENCE
- 183 EXISTING CONTOUR ELEVATION
- 183 PROPOSED CONTOUR ELEVATION
- B-# SOIL TESTING BORING LOCATION

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH
SCALE: 1" = 20'
20 10 0 20
GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

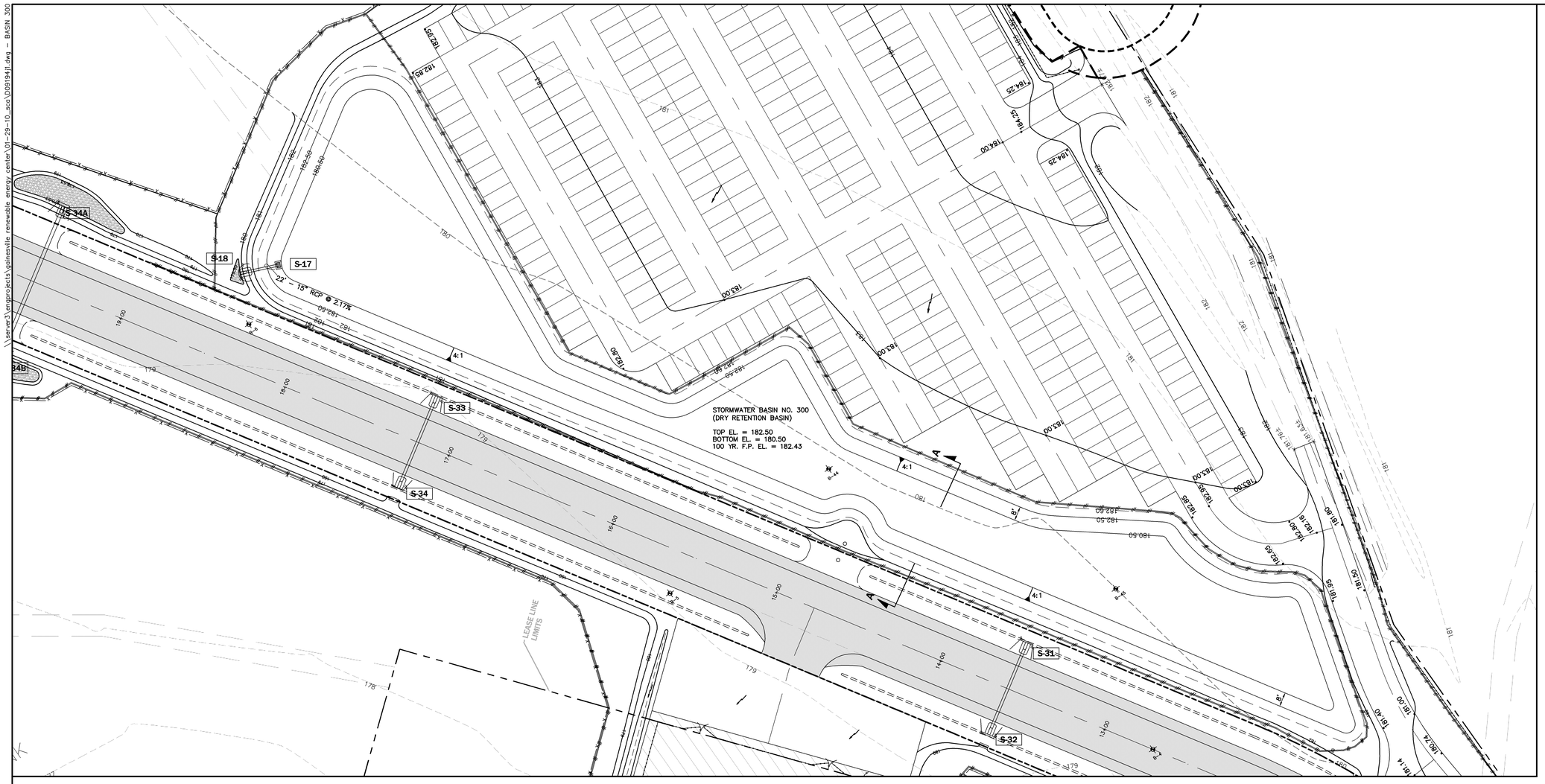
Sheet title: STORMWATER BASINS, DETAILS & CROSS-SECTIONS
BASIN NO. 202

Project phase: STATE CERTIFICATION
Designed: CSV/CAP
Drawn: JVR
Project No: 09-194
Date: NOV. 13, 2009

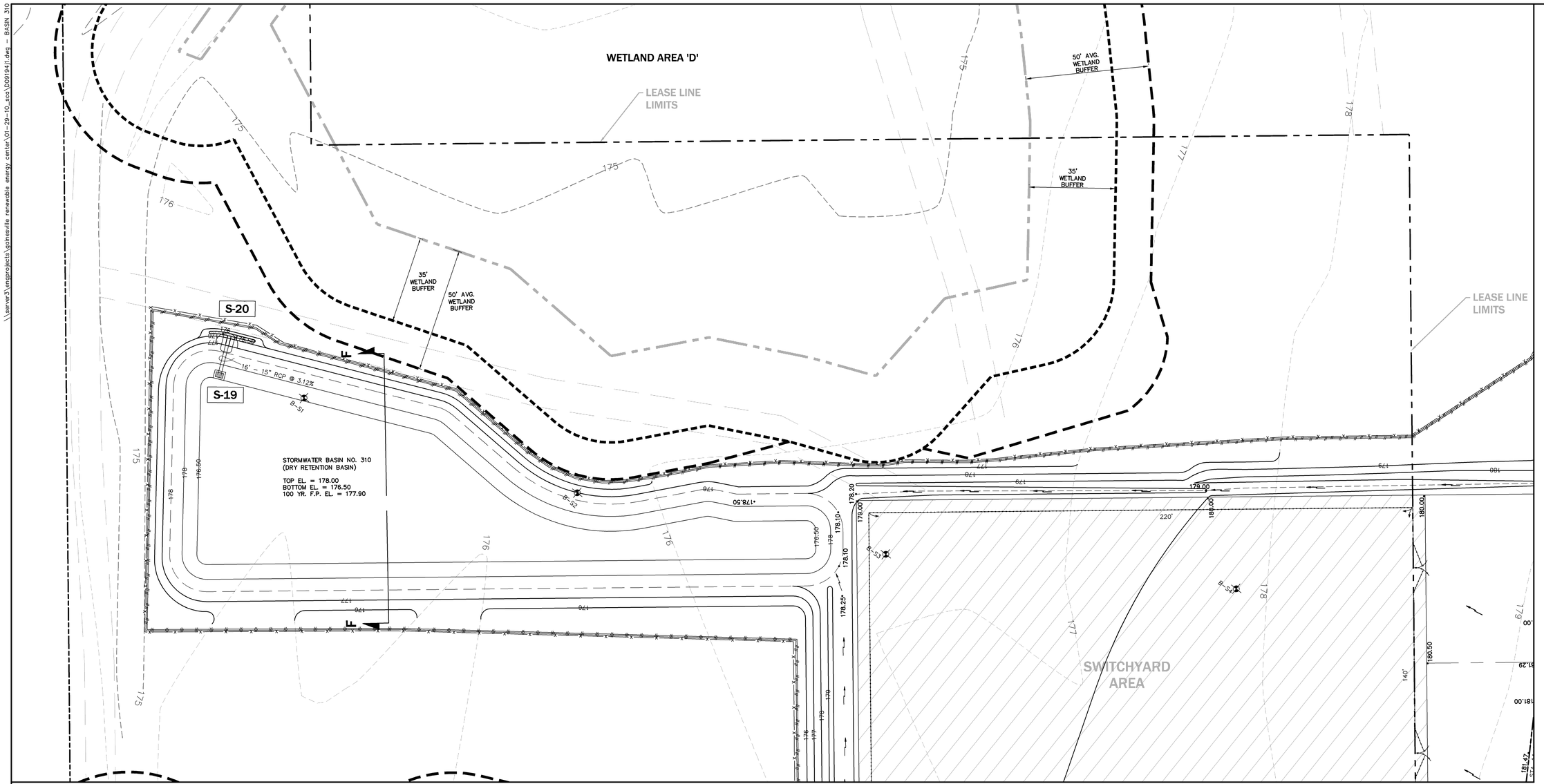
Professional Engineer of Record:
Claudia S. Vega P.E. 51532
Engineer Certificate No.

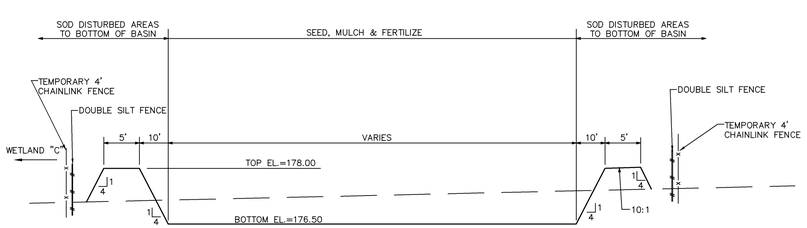
Sheet No.:
C2.43

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

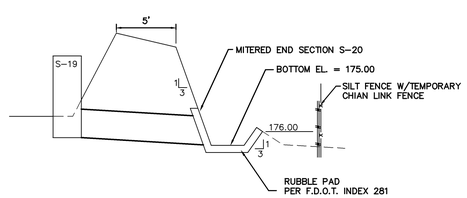

S-34A
S-34B
S-18
S-17
S-33
S-34
S-31
S-32
22" - 18" RCP @ 2.17%
STORMWATER BASIN NO. 300
(DRY RETENTION BASIN)
TOP EL. = 182.50
BOTTOM EL. = 180.50
100 YR. F.P. EL. = 182.43
4:1
LEASE LINE
LIMITS
182.60
183.00
184.00
184.25
182.50
180.50
181.40
181.24
182.35
182.85
182.65
182.18
181.80
181.50
181.35
182.00
183.60
182.50
180.60
182.50
182.50
182.50

\\server3\vengroj ects\gainesville renewable energy center\01-29-10_sco\D0919411.dwg - BASIN 310

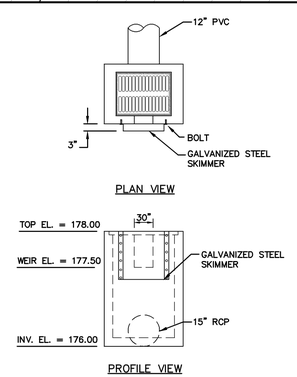




BASIN TYPICAL CROSS-SECTION F - F
N.T.S.



SPREADER SWALE CROSS-SECTION
N.T.S.



BASIN OUTFALL DETAIL (S-19)
N.T.S.

STORMWATER STRUCTURE SCHEDULE

S-19
TYPE C INLET
FDOT INDEX 232
TOP EL. = 178.00
WEIR EL. = 177.50
INV. EL. = 176.00

S-20
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 175.50

LEGEND

- PROPOSED DBL SILT FENCE w/ TEMP. 4' CHAINLINK FENCE
- PROPOSED SILT FENCE
- 183 EXISTING CONTOUR ELEVATION
- 183 PROPOSED CONTOUR ELEVATION
- B-# SOIL TESTING BORING LOCATION

NORTH
SCALE: 1" = 20'
20 10 0 20
GRAPHIC SCALE

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: STORMWATER BASINS, DETAILS & CROSS-SECTIONS
BASIN NO. 310

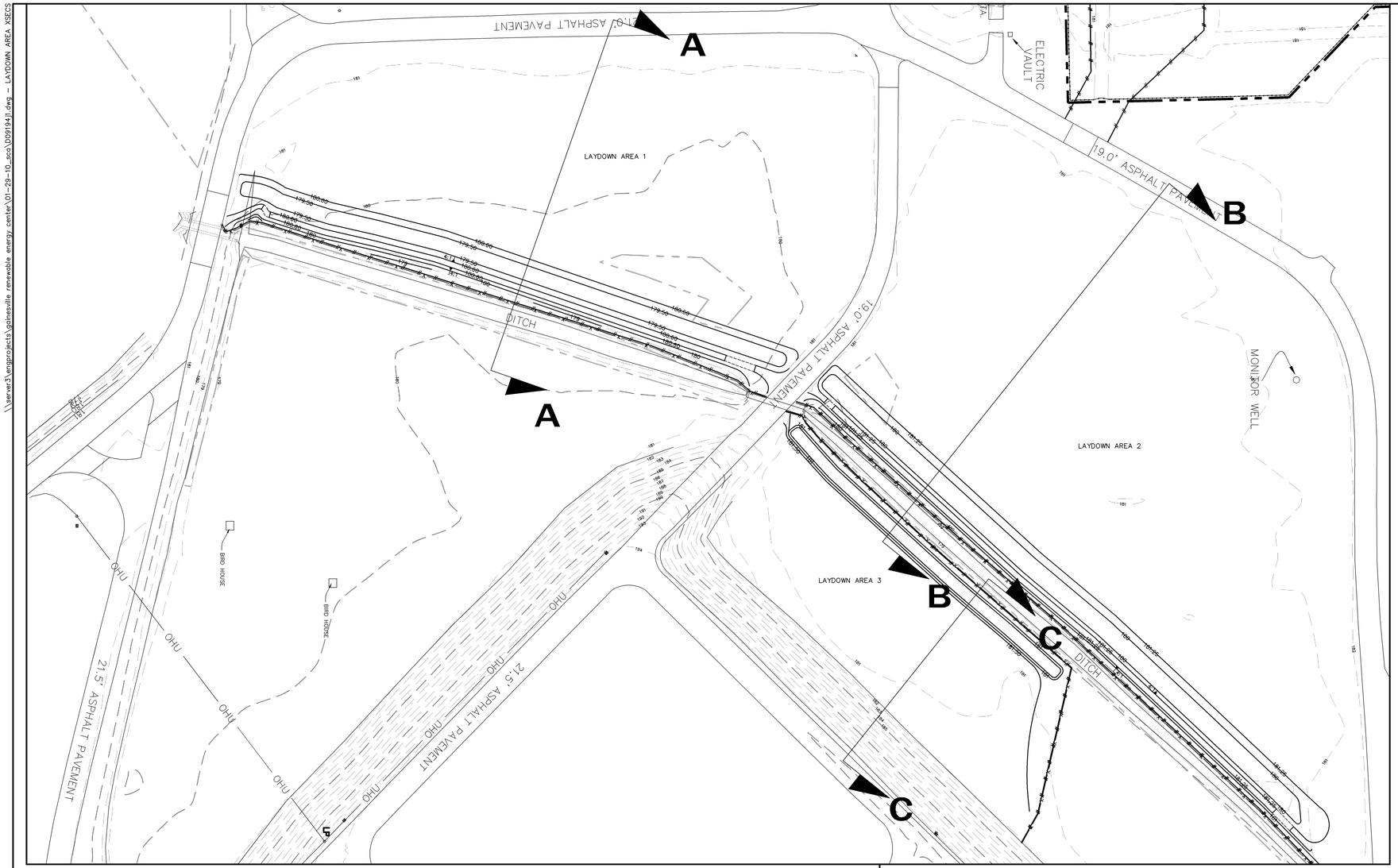
Project phase: STATE CERTIFICATION
Designed: CSV/CAP | Drawn: JVR
Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:
Claudia S. Vega, P.E. 51532
Engineer Certificate No.

Sheet No.: C2.45

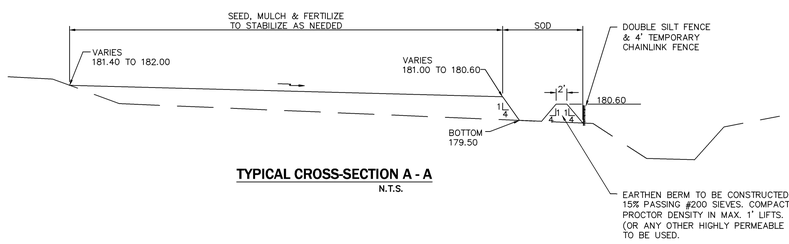
Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sca\D0919411.dwg - LAYDOWN AREA XSECS

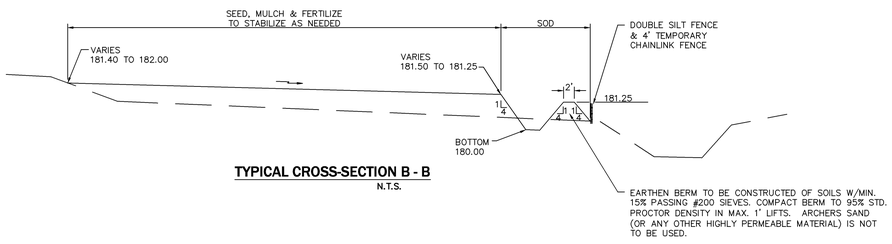


LEGEND

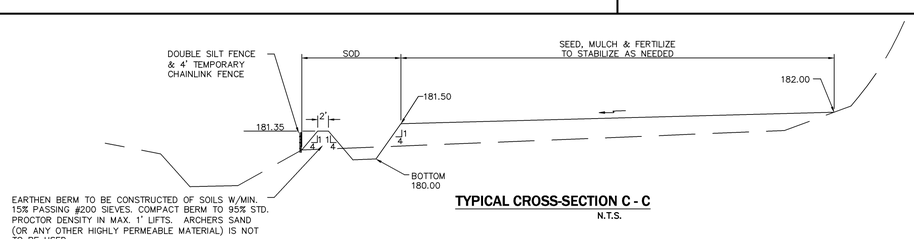
- PROPOSED PERMANENT 6' CHAINLINK FENCE
- PROPOSED DBL SILT FENCE w/ TEMP. 4' CHAINLINK FENCE
- PROPOSED SILT FENCE
- 183 EXISTING CONTOUR ELEVATION
- 183 PROPOSED CONTOUR ELEVATION



TYPICAL CROSS-SECTION A - A
N.T.S.



TYPICAL CROSS-SECTION B - B
N.T.S.



TYPICAL CROSS-SECTION C - C
N.T.S.

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH
SCALE: 1" = 50'
50 25 0 50
GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title:
LAYDOWN AREA
TYPICAL CROSS-SECTIONS

Project phase:
STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR | Date: NOV. 13, 2009 | Project No: 09-194

Professional Engineer of Record:

Claudia S. Vega, P.E. — Engineer
51532 — Certificate No.

Sheet No.:
C2.46

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sca\009194fl.dwg — SPPP

THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MAY BE MODIFIED AND UPDATED DURING CONSTRUCTION AS A RESULT OF WEATHER, UNPREDICTABLE EVENTS AND SITE INSPECTIONS.

THIS DOCUMENT WAS PREPARED IN ORDER TO BE IN COMPLIANCE WITH CHAPTER 62-621.300 (4) OF THE FLORIDA ADMINISTRATIVE CODE, WHICH PERTAINS TO THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THE ADMINISTRATIVE CODE GRANTS THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) THE AUTHORITY TO REGULATE POINT SOURCE DISCHARGES OF STORM-WATER FROM CONSTRUCTION SITES. THIS DOCUMENT ESTABLISHES A STORMWATER POLLUTION PREVENTION PLAN FOR THE SITE AND IS ORGANIZED TO CORRESPOND TO PART V OF DEP DOCUMENT No. 62-621.300 (4) (A) FDEP FORM 62-261.300 (4) (B) IS TO BE SUBMITTED IN CONJUNCTION WITH THIS DOCUMENT.

I. PROJECT INFORMATION:

PROJECT: GAINESVILLE RENEWABLE ENERGY CENTER (GREC)
BIOMASS GENERATING FACILITY
COUNTY: ALACHUA
SECTION/TOWNSHIP/RANGE: S 27 , T 8 SOUTH, R 19 EAST
COUNTY PARCEL NO.: A PORTION OF 05884-001-000
LATITUDE and LONGITUDE: 29°46'07", 82°23'53"
STREET ADDRESS: 10001 N.W. 13th STREET
PROJECT AREA: 134 Ac.
APPROXIMATE AREA TO BE DISTURBED BY CONSTRUCTION: 76 Ac.

II. SITE DESCRIPTION:

1. THE PROJECT INCLUDES THE CONSTRUCTION OF A BIOMASS ELECTRIC GENERATING FACILITY IN CONJUNCTION WITH GAINESVILLE REGIONAL UTILITIES WITH ASSOCIATED PAVING, DRAINAGE AND UTILITY IMPROVEMENTS.

   THE PROPOSED STORMWATER SYSTEM PROVIDES WATER QUALITY, AND FLOOD CONTROL.

2. THE SOIL CONDITIONS WERE INVESTIGATED AND SUMMARIZED IN THE SOILS REPORT PREPARED BY GSE. THE PROPOSED DRAINAGE PLAN WILL CONSIST OF 3 MAJOR DRAINAGE AREAS.

3. EXISTING AND FUTURE DRAINAGE PATTERNS ARE SHOWN ON THE DRAINAGE PLAN FOR PRE-DEVELOPMENT CONDITIONS AND POST-DEVELOPMENT CONDITIONS. OUTFALLS, AND STORMWATER BASINS ARE SHOWN IN THE DRAINAGE PLAN AND THE DETAIL PLAN.

4. SEQUENCE OF CONSTRUCTION:

   A. PRIOR TO CONSTRUCTION, SILT FENCING AND TREE PROTECTION BARRICADES SHALL BE INSTALLED AND ALL EXISTING DRAINAGE STRUCTURES SHALL BE PROTECTED IN ACCORDANCE WITH FDOT INDEX #102.

   B. THE CONSTRUCTION ENTRANCE WILL BE STABILIZED TO MINIMIZE THE CREATION OF DUST AND OFF SITE TRACKING OF SEDIMENTS.

   C. THE SITE SHALL BE CLEARED AND GRUBBED OF UNDESIRABLE VEGETATION.

   D. THE UNDERGROUND UTILITIES AND STORMWATER PIPING WILL BE INSTALLED AND CONNECTED TO EXISTING STRUCTURES, WHERE APPLICABLE.

   E. THE SITE WILL BE ROUGHLY GRADED. IF SUITABLE, THE EXCAVATED MATERIAL MAY BE USED AS FILL FOR ON-SITE GRADING. THE ROADWAYS SHALL BE GRADED.

   F. THE STORMWATER BASINS SHALL BE CONSTRUCTED AS FOLLOWS:

      1. INITIALLY CONSTRUCT THE WET DETENTION AND DRY RETENTION BASINS TO ROUGH GRADE BY UNDER-EXCAVATING THE BASIN BOTTOM AND SIDES BY APPROXIMATELY 12 INCHES.

      2. AFTER THE ROADWAY AND SIDE SWALES HAVE BEEN GRADED, THE INTERIOR SIDE SLOPES AND BASIN BOTTOM SHALL BE EXCAVATED TO FINAL DESIGN SPECIFICATIONS. THE EXCESS SOIL AND UNDESIRABLE MATERIAL MUST BE CAREFULLY EXCAVATED AND REMOVED FROM THE BASINS SO THAT ALL ACCUMULATED SILTS, CLAYS, ORGANICS, AND OTHER FINE SEDIMENT MATERIAL HAS BEEN REMOVED FROM THE BASIN AREA. THE EXCAVATED UNSUITABLE MATERIAL SHALL BE DISPOSED OF AND TAKEN OFF-SITE.

      3. ONCE THE BASINS HAVE BEEN EXCAVATED TO FINAL GRADE, THE ENTIRE BASIN BOTTOM MUST BE DEEP RAKED AND LOOSENED FOR OPTIMAL INFILTRATION.

      4. THE BASINS SHALL BE SODDED AND STABILIZED ACCORDING TO THE PLANS.

   G. ROADWAYS AND PARKING LOTS WILL BE COMPACTED AND A LIMEROCK BASE WILL BE ESTABLISHED FOLLOWED BY AN OVERLAY OF ASPHALTIC CONCRETE. BUILDINGS SHALL BE CONSTRUCTED.

   H. UPON SIGNIFICANT COMPLETION OF CONSTRUCTION, THE STORMWATER SYSTEM SHALL BE FLUSHED OUT TO REMOVE ACCUMULATED DEBRIS AND SEDIMENT.

   I. STORMWATER BASINS WILL BE SCRAPED CLEAN OF ACCUMULATED SEDIMENT.

   J. ALL DISTURBED AREAS WITHIN THE CONSTRUCTION AREA SHALL BE COMPLETELY GRASSED AND/OR LANDSCAPED. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO REMOVAL OF SILT FENCING AND OTHER EROSION CONTROL APPLICATIONS.

III. CONTROLS:

THE CONTROLS SHALL BE IMPLEMENTED AND MAINTAINED DURING THE ENTIRE CONSTRUCTION OF THE PROJECT. IF SITE CONDITIONS ARE SUCH THAT ADDITIONAL CONTROL MEASURES ARE REQUIRED THAN WHAT IS SPECIFIED IN THE EROSION AND SEDIMENTATION CONTROL PLAN, THEN THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL BEST MANAGEMENT PRACTICES NECESSARY.

1. THE CONSTRUCTION ACCESS SHALL BE STABILIZED WITH GRAVEL AND TEMPORARY VEGETATION TO PREVENT SILT LEAVING THE SITE.
2. TREE BARRICADES SHALL BE IMPLEMENTED BEFORE CLEARING AND GRUBBING OF ANY OF THE WORK AREAS.
3. BEFORE CLEARING, SILT FENCES SHALL BE INSTALLED AROUND THE PERIMETER OF THE CONSTRUCTION AND AROUND THE WETLAND(S) AND/OR BASIN(S) AS SHOWN IN THE PLANS. ALL EXISTING STORM DRAINAGE SWALES AND INLETS SHALL BE PROTECTED PER FDOT INDEX 102.
4. AFTER CLEARING BUT BEFORE EXCAVATION AND GRADING, TEMPORARY BERMS AND SWALES SHALL BE CONSTRUCTED AS REQUIRED TO DIVERT THE FLOW INTO THE CORRESPONDING STORMWATER BASIN.
5. ALL BASIN AREAS SHALL BE PROTECTED AS INDICATED ON THE PLANS.
6. THE STORMWATER BASINS SHALL BE ROUGH GRADED TO WITHIN 6" OF THE DESIGNED BASIN BOTTOM. THE BASIN SIDE SLOPES SHALL BE STABILIZED AS SHOWN IN THE PLANS BY SEEDING, MULCHING AND/OR SODDING TO PREVENT EXCESSIVE EROSION.
7. DURING CONSTRUCTION OF PAVING AND BUILDINGS, EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED.
8. ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE SHALL BE COMPLETELY LANDSCAPED AND/OR GRASSED. FINAL STABILIZATION INCLUDING SEEDING, MULCHING, SODDING OR RIPRAP SHALL BE INSTALLED AS REQUIRED. GRASS SEEDING RATES AND MIXTURES SHALL BE PER FDOT INDEX 104. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO REMOVAL OF SILT FENCING AND OTHER EROSION CONTROL APPLICATIONS AND PRIOR TO FINAL RELEASE.

IV. EROSION AND SEDIMENTATION CONTROLS:

STABILIZATION PRACTICES.

1. ALL ENTRANCES TO THE SITE SHALL BE STABILIZED BEFORE CONSTRUCTION AND FURTHER DISTURBANCE BEGINS. GRAVEL PAD SHALL PROVIDE STABILIZATION AND MINIMIZE THE AMOUNT OF SEDIMENT LEAVING THE SITE. MAINTENANCE OF THE ENTRANCE SHALL INCLUDE SWEEPING OF THE AREA ADJACENT TO THE ENTRANCE. STONE AND GRAVEL MIGHT NEED TO BE PERIODICALLY ADDED TO MAINTAIN THE EFFECTIVENESS OF THE ENTRANCE(S).
2. TREE BARRICADES SHALL BE INSTALLED AROUND THE TREES AS SHOWN IN THE DETAIL PLAN TO PROTECT THE EXISTING VEGETATION.
3. MULCH SHALL BE PLACED IN THE AREAS REQUIRED TO PREVENT EROSION FROM STORMWATER RUNOFF AND THE AREAS SHOWN ON THE PLANS. MULCH SHALL BE ANCHORED TO RESIST WIND DISPLACEMENT AND SHALL BE INSPECTED AFTER EVERY RAINSTORM TO IDENTIFY AREAS WHERE MULCH HAS BEEN WASHED OUT OR LOOSENED. THESE AREAS SHALL HAVE MULCH COVER REPLACEMENT.
4. SEEDING SHALL BE STARTED AFTER GRADING HAS BEEN FINISHED ON THE AREAS SHOWN IN THE PLANS. SEEDED AREAS SHOULD BE INSPECTED FOR FAILURE TO ESTABLISH, AND NECESSARY REPAIRS AND RESEEDING SHOULD BE MADE AS SOON AS POSSIBLE. ADDITIONAL SEEDING AND MULCH MAY BE REQUIRED AS NECESSARY TO PREVENT EROSION DURING OR AFTER CONSTRUCTION HAS FINISHED.
5. SOD SHALL BE INSTALLED IN THE AREAS SHOWN IN THE PLANS. SOD SHALL BE PEGGED IF INSTALLED ON SLOPES GREATER THAN 3:1. SODDED AREAS SHALL BE MAINTAINED AND INSPECTED TO ENSURE SUCCESSFUL ESTABLISHMENT.

SEDIMENTATION PRACTICES.

1. SILT FENCES SHALL BE INSTALLED IN THE AREAS SHOWN IN THE PLANS AND AS REQUIRED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA. SILT FENCES SHALL BE INSPECTED AFTER EACH RAINFALL EVENT TO ENSURE THAT THERE ARE NO GAPS OR TEARS. IF GAPS OR TEARS ARE FOUND THE FABRIC SHOULD BE REPAIRED OR REPLACED. SEDIMENT REMOVAL SHALL BE PART OF THE REGULAR MAINTENANCE. SILT FENCES SHALL REMAIN IN PLACE UNTIL CONSTRUCTION HAS FINISHED AND DISTURBED AREAS ARE PERMANENTLY STABILIZED.
2. DIVERSION SWALES, IF REQUIRED, SHALL BE CONSTRUCTED BEFORE MAJOR LAND DISTURBANCE OF THE RECEIVING BASIN. DIVERSION SWALES SHALL BE STABILIZED AFTER CONSTRUCTION TO MAINTAIN ITS EFFICIENCY.
3. INLETS SHOULD BE TEMPORARILY PROTECTED TO PREVENT SEDIMENT ENTERING THE INLET. BARRIERS WILL CATCH SOIL, DEBRIS AND SEDIMENT AT THE ENTRANCE OF THE INLET.
4. OUTFALL STRUCTURES SHALL HAVE SILT FENCES TO PREVENT SILT FROM ENTERING THE STORMWATER BASINS AND SHALL BE STABILIZED AS REQUIRED TO PREVENT EROSION FROM WASHOUTS.

V. STORMWATER MANAGEMENT:

1. THE PROPOSED PROJECT OBTAINED AN ENVIRONMENTAL RESOURCE PERMIT FROM SUWANNEE RIVER WATER MANAGEMENT DISTRICT (SRWMD) FOR THE CONSTRUCTION AND OPERATION OF A STORMWATER TREATMENT SYSTEM AND CONTROLS. THE PROPOSED SYSTEM (AS SHOWN ON THE PLANS) INCLUDED THE USE OF THE BEST MANAGEMENT PRACTICES (BMP) CONSISTENT WITH THE APPLICABLE REQUIREMENTS OF RULE 40B-4 OF THE DISTRICT. THE OWNER AND/OR THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE STORMWATER TREATMENT SYSTEM AND CONTROLS UNTIL CONSTRUCTION ACTIVITIES ARE COMPLETED AND FINAL STABILIZATION HAS BEEN ACCOMPLISHED. HOWEVER, THE OWNER AND/OR AN ENTITY SIMILAR TO A HOMEOWNERS ASSOCIATION SHALL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE STORMWATER SYSTEM IN PERPETUITY, IN ACCORDANCE WITH THE REQUIREMENTS OF THE ENVIRONMENTAL RESOURCE PERMIT.
2. TO TREAT AND CONTROL THE STORMWATER PRODUCED BY THE PROPOSED DEVELOPMENT, THE PROJECT REQUIRES THE INSTALLATION AND CONSTRUCTION OF THE FOLLOWING BMP'S: 3 DRY RETENTION BASINS AND 3 WET DETENTION BASINS WITH ALL GRADING ASSOCIATED WITH THE CONSTRUCTION. THE BASINS HAVE BEEN DESIGNED TO CONTAIN AND ATTENUATE THE STORMS AND DISCHARGE AT PRE-DEVELOPMENT CONDITIONS, WHILE PROVIDING TREATMENT TO THE RUNOFF AS REQUIRED BY THE DISTRICT AND STATE RULES USING THE GUIDELINES CONTAINED IN THE SRWMD HANDBOOK.

VI. CONTROLS FOR OTHER POTENTIAL POLLUTANTS:

1. WASTE DISPOSAL: NO SOLID MATERIALS, INCLUDING CONSTRUCTION MATERIALS, SHALL BE DISCHARGED TO SURFACE WATERS AND ARE NOT AUTHORIZED UNDER THE ISSUED ENVIRONMENTAL RESOURCE PERMIT.
2. THE USE OF GRAVEL AND CONTINUING SWEEPING ACTIVITIES AT THE ENTRANCE OF THE SITE WILL CONTROL THE TRACKING OF SEDIMENT AND DUST LEAVING THE SITE.
3. THE PROPOSED DEVELOPMENT WILL PROVIDE WATER AND SEWER SYSTEM BY CONNECTING INTO THE CENTRAL MUNICIPAL SYSTEM OF GAINESVILLE REGIONAL UTILITIES.
4. ANY APPLICATION OF FERTILIZERS AND PESTICIDES NECESSARY TO ESTABLISH AND MAINTENANCE OF VEGETATION DURING CONSTRUCTION AND THROUGH PERPETUITY MAINTENANCE SHALL FOLLOW THE MANUFACTURERS RECOMMENDATIONS AND THE APPLICABLE RULES OF THE STATE OF FLORIDA.
5. ANY TOXIC MATERIALS REQUIRED DURING CONSTRUCTION SHALL BE PROPERLY STORED, DISPOSED OF AND CONTRACTOR AND/OR OWNER SHALL PROVIDE THE APPROPRIATE PERMITS FROM THE LOCAL OR STATE AGENCIES.

VII. APPROVED STATE OR LOCAL PLANS:

1. ALL THE SEDIMENT AND EROSION CONTROLS THAT ARE LISTED IN THE SITE PLAN AS APPROVED BY THE SRWMD ARE INCLUDED IN THIS STORMWATER POLLUTION PREVENTION PLAN (SEE ITEM III AND IV).
2. THIS STORMWATER POLLUTION PREVENTION PLAN SHALL BE AMENDED IF REQUIRED BY ANY LOCAL OR STATE AGENCY OR AS REQUIRED BY UNFORESEEABLE CONDITIONS AND THE OWNER SHALL SUBMIT A RE-CERTIFICATION TO THE NPDES STATE OFFICE THAT THE PLAN HAS BEEN AMENDED TO ADDRESS THOSE CHANGES.

VIII. MAINTENANCE:

THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE, INSPECTION SCHEDULE, AND REPAIRS OUTLINED IN THIS PLAN. MAINTENANCE SHALL CONTINUE THROUGHOUT THE PROJECT UNTIL WORK IS COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER CONSTRUCTION IS COMPLETE.

IN ADDITION TO THE ITEMS MENTIONED IN THE PREVIOUS SECTIONS, THE CONTRACTOR SHALL INITIATE ANY REPAIRS WITHIN 24 HOURS OF BEING REPORTED. IN THE EVENT THAT THE BASINS DO NOT PERFORM PROPERLY OR IF A SINKHOLE DEVELOPS, THE PROJECT ENGINEER SHALL BE NOTIFIED TO ASSIST IN COORDINATING REMEDIAL ACTION.

1. MAINTENANCE WOULD BE DIVIDED IN ROUTINE MAINTENANCE AND REPAIR MAINTENANCE. ALL STORMWATER BMP'S SHOULD BE INSPECTED FOR CONTINUED EFFECTIVENESS AND STRUCTURAL INTEGRITY ON A REGULAR BASIS. THE SYSTEMS SHOULD BE CHECKED AFTER EACH STORM EVENT IN ADDITION TO REGULARLY SCHEDULED INSPECTIONS.
2. ROUTINE MAINTENANCE REQUIREMENTS SHOULD BE INCLUDED IN THE INSPECTOR CHECKLIST TO AID THE INSPECTOR IN DETERMINING WHETHER A BMP'S MAINTENANCE IS ADEQUATE OR NEEDS A REVISION. INSPECTORS SHALL KEEP RECORD OF MAINTENANCE, ROUTINE OR REPAIR, TO PROVIDE EVIDENCE OF AN EFFICIENT INSPECTION AND MAINTENANCE.
3. SIDE ENTRANCES: MAINTENANCE SHALL INCLUDE REPLACEMENT OF GRAVEL AND CLEANING THE SOIL THAT IS TRACKED OFFSITE FOR PROPER DISPOSAL.
4. TREE BARRICADES: MAINTENANCE SHALL INCLUDE INSPECTION OF MESH AND POSTS AND REPAIR OR REPLACEMENT OF DAMAGED VEGETATION.
5. SILT FENCES: MAINTENANCE SHALL INCLUDE SEDIMENT REMOVAL AND INSPECTION TO ENSURE PROPER ANCHORING AND THAT NO TEARING OR GAPS HAVE OCCURRED. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF SILT FENCE.
6. DIVERSION SWALES: MAINTENANCE SHALL INCLUDE INSPECTION AFTER EVERY RAINFALL EVENT AND ONCE EVERY TWO WEEKS BEFORE FINAL STABILIZATION. THEY SHOULD BE CLEARED OF SEDIMENT AND MAINTAIN VEGETATIVE COVER.
7. TEMPORARY BERMS: MAINTENANCE SHALL INCLUDE REMOVAL OF DEBRIS, TRASH SEDIMENT AND LEAVES. SIDES OF THE BERM SHALL BE INSPECTED FOR EROSION AFTER EACH STORM EVENT.
8. MULCHING: ROUTINE MAINTENANCE SHALL INCLUDE REPLACEMENT PERIODICALLY.
9. SEEDING: ROUTINE MAINTENANCE SHALL INCLUDE RESEEDING OF AREAS THAT FAILED TO ESTABLISH.
10. SODDING: ROUTINE MAINTENANCE SHALL INCLUDE WATERING AND MOWING. REPLACEMENT OF GRASS MAY BE NECESSARY IF COVER IS NOT FULLY ESTABLISHED.
11. INLETS: ROUTINE MAINTENANCE SHALL INCLUDE INSPECTION AFTER EVERY STORM EVENT AND MIGHT INCLUDE REMOVAL OF ACCUMULATED SEDIMENT.
12. OUTFALL STRUCTURES: ROUTINE MAINTENANCE SHALL INCLUDE INSPECTION AFTER EVERY STORM EVENT TO ASSURE NO EROSION OR SCOUR HAS OCCURRED.
13. DRY RETENTION BASINS: ROUTINE MAINTENANCE SHALL INCLUDE MONITORING FOR SEDIMENT ACCUMULATION, CLEAN AND REMOVE DEBRIS FROM INLETS AND OUTLETS, MOW SIDE SLOPES AND INSPECT FOR DAMAGE OF BERMS AND REPAIR UNDERCUT OR ERODED AREAS AS NECESSARY.
14. WET DETENTION BASINS: ROUTINE MAINTENANCE SHALL INCLUDE MONITORING FOR SEDIMENT ACCUMULATION, CLEAN AND REMOVE DEBRIS FROM INLETS AND OUTLETS, MOW SIDE SLOPES AND INSPECT FOR DAMAGE OF BERMS AND REPAIR UNDERCUT OR ERODED AREAS AS NECESSARY.

IX. INSPECTIONS:

1. THE OWNER AND /OR CONTRACTOR SHALL PROVIDE QUALIFIED PERSONNEL TO INSPECT ALL POINTS OF POTENTIAL DISCHARGE FROM THE PROJECT SITE FOR DISTURBED AREAS, THE EROSION AND SEDIMENTATION CONTROLS AND BMP'S AS LISTED IN THIS PLAN. THE INSPECTION SHALL BE PERFORMED DURING CONSTRUCTION AND BEFORE FINAL STABILIZATION, ONCE EVERY SEVEN-CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS GREATER THAN 0.50 INCHES. AFTER FINAL STABILIZATION AND BEFORE FINISH OF CONSTRUCTION THE INSPECTION SHALL BE CONDUCTED ONCE EVERY MONTH.
2. THE CONTRACTOR SHALL INSTALL A RAIN GAUGE AT THE SITE TO MONITOR AND DOCUMENT RAINFALL EVENTS IN EXCESS OF 0.50 INCHES.
3. ALL DISTURBED AREAS AND AREAS USED FOR MATERIALS STORAGE SHALL BE INSPECTED FOR POLLUTANTS ENTERING THE STORMWATER SYSTEM. THE STORMWATER MANAGEMENT SYSTEM AND EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE INSPECTED TO ENSURE THEY ARE OPERATING CORRECTLY. LOCATIONS WHERE VEHICLES ENTER AND LEAVE THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING.
4. REPAIR OR MAINTENANCE NEEDED TO ASSURE PROPER OPERATION OF THE STORMWATER POLLUTION PREVENTION PLAN SHALL BE DONE IN A TIMELY MANNER BUT NO LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.
5. A REPORT SHALL BE KEPT OF EACH INSPECTION FOR THREE YEARS AFTER FINAL STABILIZATION AND SHALL INCLUDE THE DATES OF EACH INSPECTION, THE SCOPE OF THE INSPECTION, MAJOR OBSERVATIONS, ANY REPAIR AND/OR MAINTENANCE REQUIRED AND ANY INCIDENT OF NON-COMPLIANCE. IF THE REPORT DOES NOT CONTAIN ANY INCIDENTS OF NON-COMPLIANCE, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY HAS BEEN IN COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND THE NPDES PERMIT. THE REPORT SHALL INCLUDE THE NAME AND QUALIFICATIONS OF THE INSPECTOR AND SHALL BE SIGNED IN ACCORDANCE TO FDEP RULE 62-621.300, PART VII.C. A COPY OF THE CONSTRUCTION INSPECTION FORM IS INCLUDED ON THIS STORMWATER POLLUTION PREVENTION PLAN SHEET. A COPY SHALL BE RETAINED AT THE CONSTRUCTION SITE FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.

X. NON-STORMWATER DISCHARGES:

1. THE FOLLOWNG NON-STORMWATER DISCHARGES MIGHT BE COMBINED WITH STORMWATER AND WOULD BE AUTHORIZED AS PART OF THIS PERMIT: FIRE HYDRANT FLUSHING, CONTROL OF DUST, POTABLE WATER FLUSHING AND IRRIGATION DRAINAGE. BECAUSE OF THE NATURE OF THESE DISCHARGES, THE EROSION, STABILIZATION AND TREATMENT SYSTEMS TO BE IMPLEMENTED, AS PART OF THIS PLAN WOULD BE APPROPRIATE TO PREVENT AND TREAT ANY POLLUTION RELATED TO THESE NON-STORMWATER DISCHARGES.

XI. CONTRACTORS:

1. ALL CONTRACTORS AND/OR SUBCONTRACTORS RESPONSIBLE FOR IMPLEMENTING THE PLAN SHALL SIGN THE CERTIFICATION STATEMENT BEFORE STARTING CONSTRUCTION ACTIVITIES OF THE PROJECT. THE CERTIFICATION MUST INCLUDE THE NAME AND TITLE OF THE PERSON PROVIDING THE SIGNATURE, THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE CONTRACTING FIRM, THE ADDRESS OF THE SITE AND THE DATE THE CERTIFICATION IS MADE. THE OWNER SHALL KEEP THESE CERTIFICATIONS AS PART OF THIS POLLUTION PLAN. MULTIPLE COPIES OF THE CERTIFICATION STATEMENT MAY BE NECESSARY DEPENDING UPON THE NUMBER OF SUBCONTRACTORS ASSOCIATED WITH THE PROJECT.

STORMWATER POLLUTION PREVENTION PLAN INSPECTION REPORT FORM

Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater.

PROJECT NAME: GAINESVILLE RENEWABLE ENERY CENTER (GREC) BIOMASS GENERATING FACILITY FDEP NPDES STORMWATER IDENTIFICATION NO.: FLR10 _____

OWNER: _____ CONTRACTOR: _____

CONSTRUCTION MANAGER: _____

Date of Inspection	Location	Rain data	Type of control (see below)	Date installed / modified	Current Condition (see below)	Observations or Corrective Action / Other Remarks	Inspected By

CONDITION CODE: G = Good; C = Needs to be cleaned; M = Marginal, needs maintenance or replacement soon; P = Poor, needs immediate maintenance or replacement; O = Other

CONTROL TYPE CODES

1. Silt Fence	10. Storm drain inlet protection	19. Reinforced soil retaining system	28. Tree protection
2. Earth dikes	11. Vegetative buffer strip	20. Gabion	29. Detention pond
3. Structural diversion	12. Vegetative preservation area	21. Sediment Basin	30. Retention pond
4. Swale	13. Retention Pond	22. Temporary seed / sod	31. Waste disposal / housekeeping
5. Sediment Trap	14. Construction entrance stabilization	23. Permanent seed / sod	32. Dam
6. Check dam	15. Perimeter ditch	24. Mulch	33. Sand Bag
7. Subsurface drain	16. Curb and gutter	25. Hay Bales	34. Other
8. Pipe slope drain	17. Paved road surface	26. Geotextile	
9. Level spreaders	18. Rock outlet protection	27. Rip-rap	

INSPECTOR INFORMATION:

_____ _____ _____
Name Qualification Date

The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are not any incidents of non compliance identified above.

* * * * * *

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

CERTIFICATION STATEMENT

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND AND SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER."

CONTRACTING FIRM: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

TELEPHONE: _____

FAX: _____

PROJECT NAME: GAINESVILLE RENEWABLE ENERGY CENTER (GREC) BIOMASS GENERATING FACILITY

PROJECT ADDRESS: _____

PROJECT ADDRESS: _____

CITY, STATE, ZIP CODE: _____, FLORIDA,

NAME: _____ SIGNATURE: _____

DATE: _____

No.	Date	REVISIONS PER STATE COMMENTS	Comment
1	01/29/10		

SCALES: AS SHOWN

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS · SURVEYORS · PLANNERS
LB 3289
2404 NW 43rd ST, Gainesville, FLORIDA 32606-6602
TEL: (352) 373-3541 FAX: (352) 373-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: STORMWATER POLLUTION PREVENTION PLAN

Project phase: STATE CERTIFICATION

Designed: CSV/CAP Drawn: JVR Date: NOV. 13, 2009

Project No: 09-194

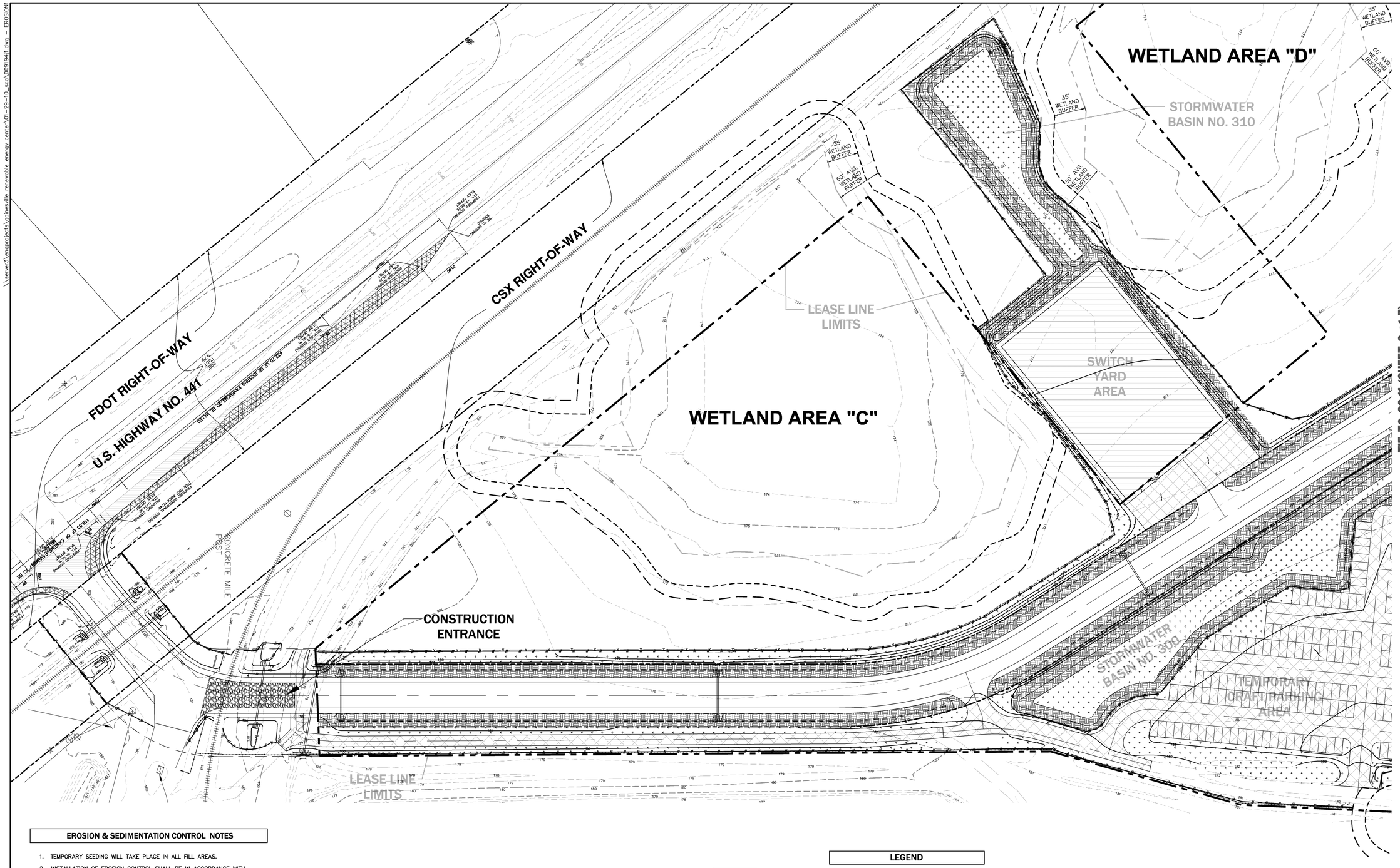
Professional Engineer of Record:

Claudia S. Vega P.E. Engineer Certificate No. 51532

Sheet No.: C3.00

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sca\D09194jl.dwg -- EROSION1



EROSION & SEDIMENTATION CONTROL NOTES

1. TEMPORARY SEEDING WILL TAKE PLACE IN ALL FILL AREAS.
2. INSTALLATION OF EROSION CONTROL SHALL BE IN ACCORDANCE WITH DETAILS AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
3. STOCK PILING AND/OR STORAGE OF MATERIAL DURING CONSTRUCTION SHALL NOT IMPEDE STORMWATER FLOW AND SHALL NOT CAUSE EROSION.
4. AREAS USED FOR CONSTRUCTION SHALL BE STABILIZED AFTER REMOVAL AS REQUIRED PER SWPPP.
5. SILT FENCING AND/OR STAKED HAYBALES SHALL BE CONSTRUCTED WHERE SHOWN ON THE DRAWINGS PRIOR TO STARTING CONSTRUCTION.
6. THE STORMPIPE SYSTEM SHALL BE FLUSHED OUT TO REMOVE ALL ACCUMULATED DEBRIS AND SEDIMENT UPON COMPLETION OF CONSTRUCTION.
7. THE DRAINAGE BASIN BOTTOM SHALL BE SCRAPED CLEAN OF ALL ACCUMULATED SEDIMENT UPON COMPLETION OF CONSTRUCTION AFTER THE STORMDRAIN SYSTEM IS COMPLETELY FLUSHED OUT.
8. ALL DISTURBED AREAS IN THE CONSTRUCTION AREA SHALL BE COMPLETELY GRASSED BY COMPLETION OF CONSTRUCTION. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO FINAL RELEASE. SEASONAL GRASSES (I.E. WINTER RYE, SUMMER MILLET) SHALL BE USED IS NECESSARY.

LEGEND

- LIMITS OF PROPOSED ROADWAY
- LIMITS OF PROPOSED GRAVEL AREA (SWITCH YARD)
- LIMITS OF PROPOSED STABILIZED AREA
- LIMITS OF PROPOSED TEMPORARY SEED, MULCH & FERTILIZER
- LIMITS OF PROPOSED SOD
- LIMITS OF PROPOSED CONSTRUCTION ENTRANCE
- PROPOSED DBL SILT FENCE w/ TEMP. 4' CHAINLINK FENCE
- PROPOSED SILT FENCE
- 183 EXISTING CONTOUR ELEVATION
- 183 PROPOSED CONTOUR ELEVATION
- PROPOSED PERMANENT 6' CHAINLINK FENCE

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH
SCALE: 1" = 50'
50 25 0 50
GRAPHIC SCALE

DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
LB 2389
2464 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6672
TEL. (352) 373-3541 FAX: (352) 378-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: MASTER EROSION & SEDIMENTATION CONTROL PLAN
SHEET 1 of 7

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR | Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega P.E. 51532
Engineer Certificate No.

Sheet No.: C3.10

Plotted Jan 27, 2010 -- 14:57:32 -- Jayne Rocks

\\server3\engrprojects\gainesville renewable energy center\01-29-10_sco\D091941.dwg - EROSION2

TIE TO C3.10 (SHEET 1 of 7)

TIE TO C3.12 (SHEET 3 of 7)

LEASE LINE LIMITS

35' WETLAND BUFFER

50' AVG. WETLAND BUFFER

PLANT AREA (SEE ZACHRY PLANS FOR DETAILS)

STORMWATER BASIN NO. 210

STORMWATER BASIN NO. 300

TEMPORARY CRAFT PARKING AREA

WETLAND AREA "B"

WETLAND AREA "I"

LEASE LINE LIMITS

LEGEND

- LIMITS OF PROPOSED ROADWAY
- LIMITS OF PROPOSED STABILIZED AREA
- LIMITS OF PROPOSED TEMPORARY SEED, MULCH & FERTILIZER
- LIMITS OF PROPOSED SOD
- PROPOSED DBL SILT FENCE w/ TEMP. 4' CHAINLINK FENCE
- PROPOSED SILT FENCE
- 183 EXISTING CONTOUR ELEVATION
- 183 PROPOSED CONTOUR ELEVATION
- PROPOSED PERMANENT 6' CHAINLINK FENCE

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 50'

50 25 0 50

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS · SURVEYORS · PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title:
MASTER EROSION & SEDIMENTATION CONTROL PLAN
SHEET 2 of 7

Project phase:
STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR | Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:
Claudia S. Vega, P.E.
Engineer
Certificate No. 51532

Sheet No.:
C3.11

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

TIE TO C3.14 (SHEET 5 of 7)

TIE TO C3.13 (SHEET 4 of 7)

TIE TO C3.11 (SHEET 2 of 7)

WETLAND AREA "A1"

WETLAND AREA "A2"

WETLAND AREA "B"

STORMWATER
BASIN NO. 102

LEASE LINE
LIMITS

LEASE LINE
LIMITS

35' WETLAND BUFFER

50' AVG. WETLAND BUFFER

PROPOSED PLANT
(SEE ZACHRY PLANS FOR DETAILS)

LEGEND

- LIMITS OF PROPOSED ROADWAY
- LIMITS OF PROPOSED TEMPORARY SEED, MULCH & FERTILIZER
- LIMITS OF PROPOSED SOD
- PROPOSED DBL SILT FENCE w/ TEMP. 4' CHAINLINK FENCE
- PROPOSED SILT FENCE
- 183 EXISTING CONTOUR ELEVATION
- 183 PROPOSED CONTOUR ELEVATION
- PROPOSED PERMANENT 6' CHAINLINK FENCE

NORTH

SCALE: 1" = 50'

50 25 0 50

GRAPHIC SCALE

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 371-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: MASTER EROSION & SEDIMENTATION CONTROL PLAN
SHEET 3 of 7

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR | Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega P.E. 51332
Engineer Certificate No.

Sheet No.:

C3.12

\\server3\engprojects\gainesville renewable energy center\01-29-10_sct\D0919491.dwg - EROSION3

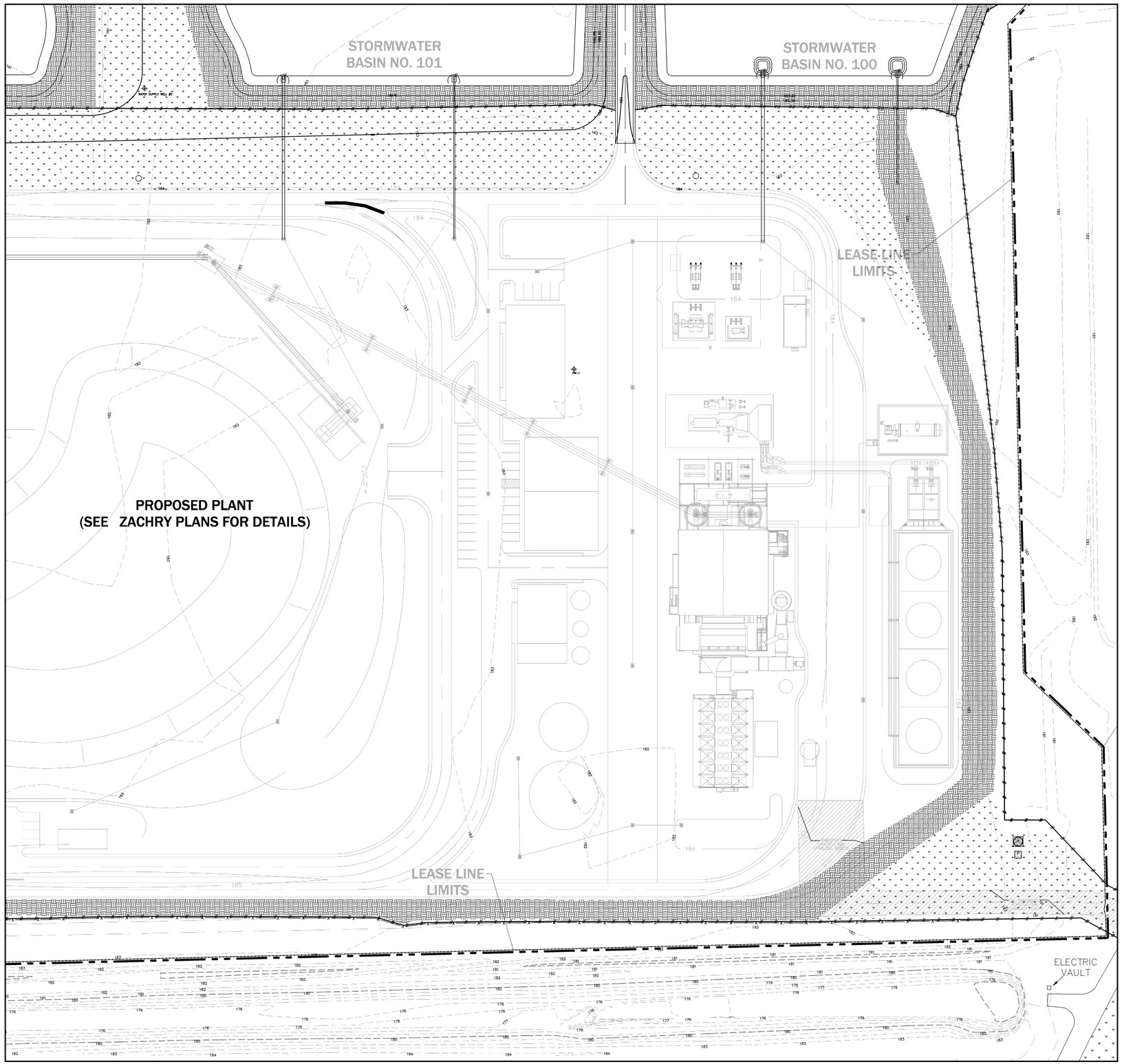
Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sce\D09194jl.dwg - EROSION4

TIE TO C3.15 (SHEET 6 of 7)

TIE TO C3.12 (SHEET 3 of 7)

TIE TO C3.16 (SHEET 7 of 7)



LEGEND

- LIMITS OF PROPOSED ROADWAY
- LIMITS OF PROPOSED TEMPORARY SEED, MULCH & FERTILIZER
- LIMITS OF PROPOSED SOD
- PROPOSED DBL SILT FENCE w/ TEMP. 4' CHAINLINK FENCE
- PROPOSED SILT FENCE
- 183 EXISTING CONTOUR ELEVATION
- 183 PROPOSED CONTOUR ELEVATION
- PROPOSED PERMANENT 6' CHAINLINK FENCE

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 50'

50 25 0 50

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title:
MASTER EROSION & SEDIMENTATION CONTROL PLAN
SHEET 4 of 7

Project phase:
STATE CERTIFICATION

Designed: CSV/CAP Drawn: JVR

Project No: 09-194 Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega, P.E. 51532
Engineer Certificate No.

Sheet No.:
C3.13

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sca\D09194jl.dwg - EROSION5

LEASE LINE LIMITS

WETLAND AREA "A"

50' AVG. WETLAND BUFFER

35' WETLAND BUFFER

STORMWATER BASIN NO. 102

TIE TO C3.15 (SHEET 6 of 7)

LEASE LINE LIMITS

TIE TO C3.12 (SHEET 3 of 7)

LEGEND

- LIMITS OF PROPOSED ROADWAY
- LIMITS OF PROPOSED TEMPORARY SEED, MULCH & FERTILIZER
- LIMITS OF PROPOSED SOD
- PROPOSED DBL SILT FENCE w/ TEMP. 4' CHAINLINK FENCE
- PROPOSED SILT FENCE
- 183 EXISTING CONTOUR ELEVATION
- 183 PROPOSED CONTOUR ELEVATION

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 50'

50 25 0 50

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title:
MASTER EROSION & SEDIMENTATION CONTROL PLAN
SHEET 5 of 7

Project phase:
STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR | Date: NOV. 13, 2009 | Project No: 09-194

Professional Engineer of Record:
Claudia S. Vega, P.E. 51532
Engineer Certificate No.

Sheet No.:
C3.14

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sco\D09194fl.dwg - EROSION6

TIE TO C3.14 (SHEET 5 of 7)

LEASE LINE LIMITS

LEASE LINE LIMITS

STORMWATER BASIN NO. 102

STORMWATER BASIN NO. 101

STORMWATER BASIN NO. 100

TIE TO C3.13 (SHEET 4 of 7)

LEGEND

- LIMITS OF PROPOSED ROADWAY
- LIMITS OF PROPOSED TEMPORARY SEED, MULCH & FERTILIZER
- LIMITS OF PROPOSED SOD
- PROPOSED DBL SILT FENCE w/ TEMP. 4' CHAINLINK FENCE
- PROPOSED SILT FENCE
- 183 EXISTING CONTOUR ELEVATION
- 183 PROPOSED CONTOUR ELEVATION
- PROPOSED PERMANENT 6' CHAINLINK FENCE

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 50'

50 25 0 50

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title:
MASTER EROSION & SEDIMENTATION CONTROL PLAN
SHEET 6 of 7

Project phase:
STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR
Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:

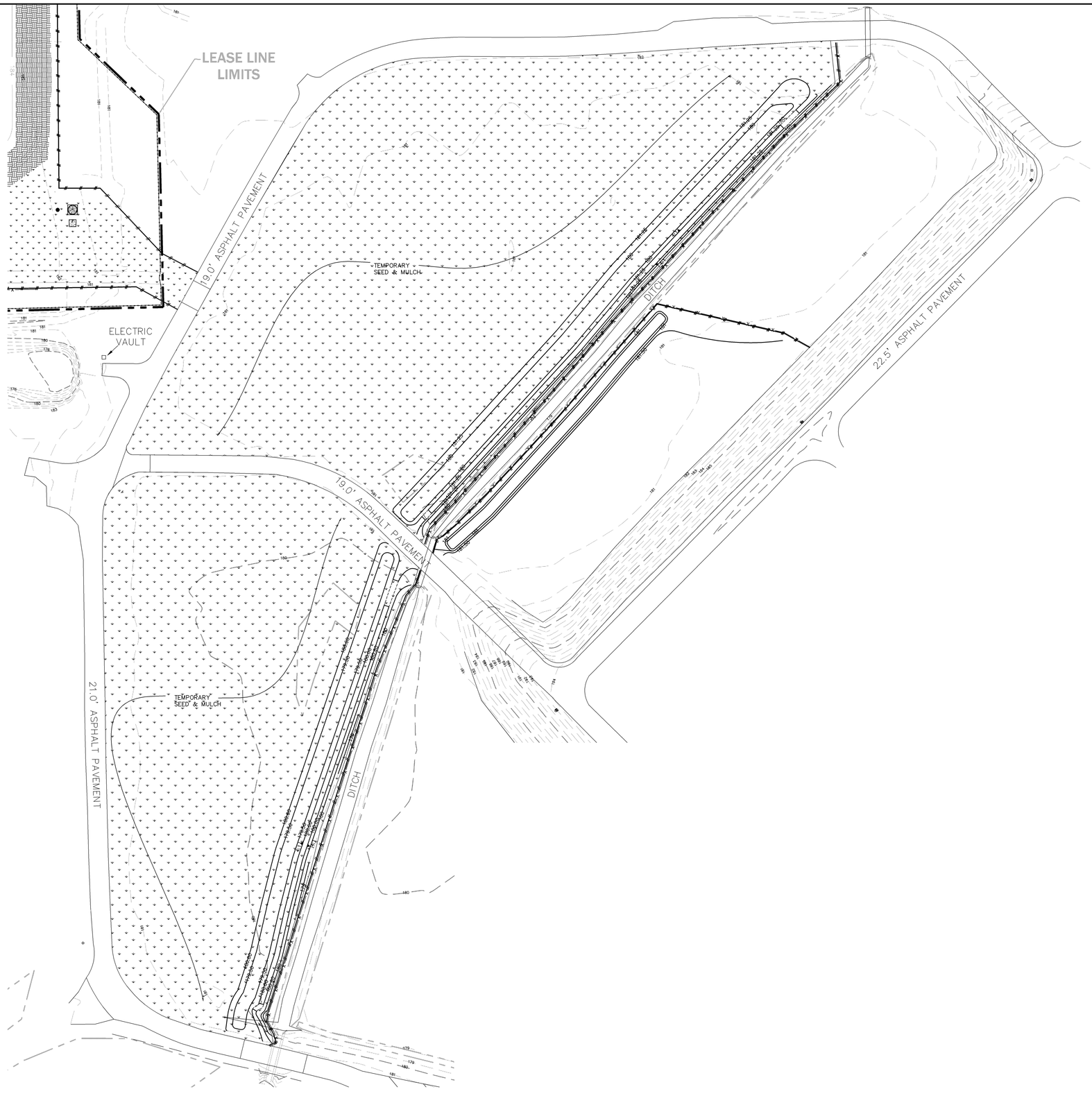
Claudia S. Vega P.E. — Engineer
51332 — Certificate No.

Sheet No.:
C3.15

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sca\D09194j1.dwg - EROSION7

TIE TO C3.13 (SHEET 4 of 7)



LEGEND

- LIMITS OF PROPOSED TEMPORARY SEED, MULCH & FERTILIZER
- LIMITS OF PROPOSED SOD
- PROPOSED DBL SILT FENCE w/ TEMP. 4' CHAINLINK FENCE
- PROPOSED SILT FENCE
- 183 EXISTING CONTOUR ELEVATION
- 183 PROPOSED CONTOUR ELEVATION
- PROPOSED PERMANENT 6' CHAINLINK FENCE

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALE: 1" = 50'

50 25 0 50

GRAPHIC SCALE

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 375-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title:
MASTER EROSION & SEDIMENTATION CONTROL PLAN
SHEET 7 of 7

Project phase:
STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JVR | Project No: 09-194 | Date: NOV. 13, 20093

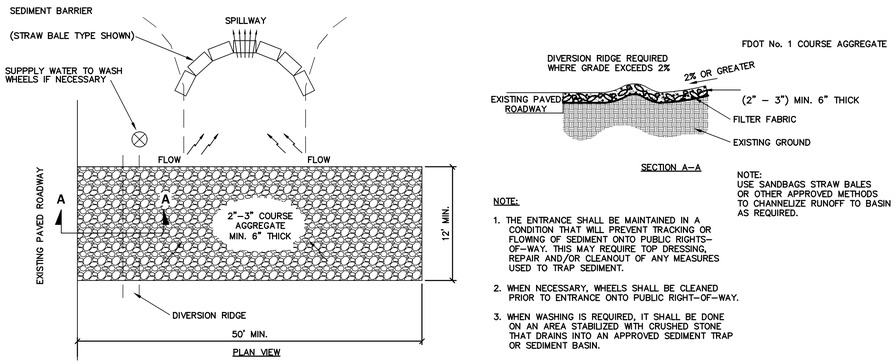
Professional Engineer of Record:

Claudia S. Vega, P.E. 51532
Engineer Certificate No.

Sheet No.:
C3.16

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server3\ergprojects\gainesville renewable energy center\01-29-10_sco\D09194jl.dwg - DETAILS NOTES



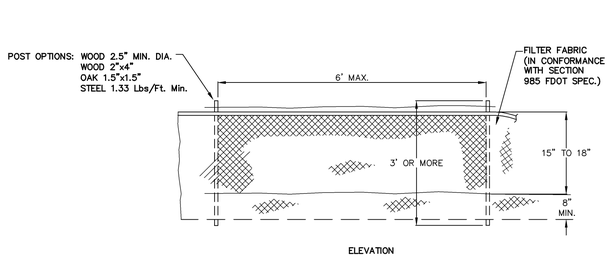
NOTE:
USE SANDBAGS STRAW BALES OR OTHER APPROVED METHODS TO CHANNELIZE RUNOFF TO BASIN AS REQUIRED.

NOTE:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

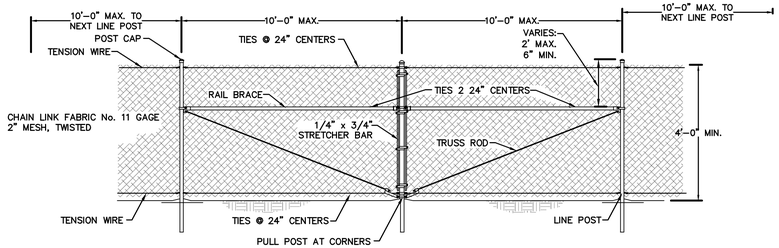
TYPICAL GRAVEL CONSTRUCTION ENTRANCE

N.T.S.



TYPE III SILT FENCE DETAIL

NTS

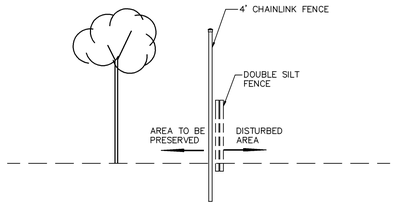


4' TEMPORARY CHAINLINK FENCE DETAIL

N.T.S.

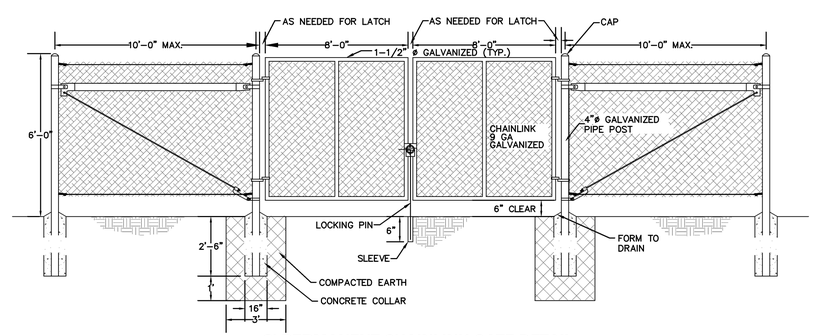
NOTE:

1. 4' CHAIN LINK FENCE IS NOT TO BE USED AS A PERMANENT FENCE



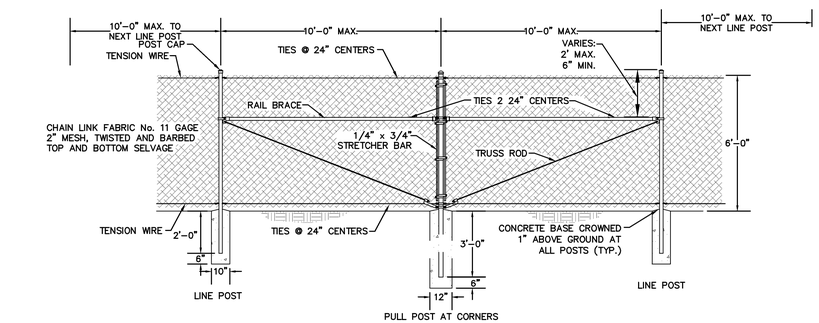
DETAIL OF TEMPORARY CHAINLINK FENCE & TYPE III SILT FENCE

N.T.S.



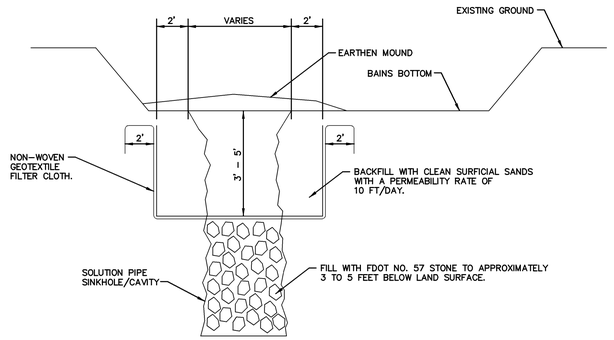
6' PERMANENT CHAINLINK GATE DETAIL

N.T.S.



6' PERMANENT CHAINLINK FENCE DETAIL

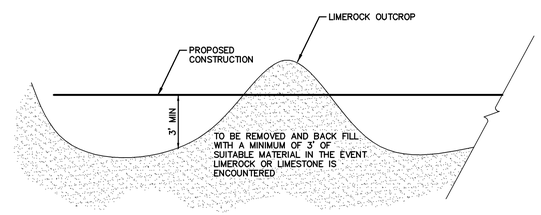
N.T.S.



SOLUTION PIPE/CHIMNEY REPAIR DETAIL

N.T.S.

1. IF A SOLUTION PIPE SINKHOLE DOES FORM IN THE STORMWATER BASIN THEN THE SINKHOLE SHALL BE REPAIRED BY BACKFILLING WITH NO. 57 STONE TO APPROXIMATELY 3 TO 5 FEET BELOW LAND SURFACE. AN AREA AT LEAST 6' BEYOND THE EDGES OF THE CHIMNEY SHOULD BE EXCAVATED TO THE TOP OF THE GRAVEL. A NON-WOVEN GEOTEXTILE FILTER CLOTH SHOULD BE PLACED AT THE BOTTOM OF THE EXCAVATION AND THE EXCAVATION SHOULD BE BACKFILLED WITH CLEAN SAND HAVING A VERTICAL COEFFICIENT OF PERMEABILITY OF 10 FEET PER DAY. THE MATERIAL SHALL BE COMPACTED AND THE SINKHOLE REPAIR SHOULD BRING THE SURFACE BACK TO AN ELEVATION WHICH IS SLIGHTLY ABOVE THE ORIGINAL BOTTOM, CREATING A SMALL MOUND.



LIMEROCK OUTCROP REMOVAL DETAIL

N.T.S.

1. IF LIMESTONE OR LIMEROCK OUTCROP IS ENCOUNTERED DURING CONSTRUCTION OF THE BASIN, THE AREA WILL BE OVER-EXCAVATED A MINIMUM OF THREE FEET AND BACKFILLED WITH SUITABLE SOILS TO MEET THE SENSITIVE KARST AREA REQUIREMENTS.
2. IN THE EVENT A SINKHOLE, CAVITIES OR CHIMNEYS DEVELOPS WITHIN THE STORMWATER BASIN, THE FOLLOWING TREATMENT SHALL BE PERFORMED: THE OWNER SHALL NOTIFY SUWANNEE RIVER WATER MANAGEMENT DISTRICT PRIOR TO REMEDIAL ACTION UNLESS POSTPONING THE REPAIR ACTIVITY REPRESENTS AN ENDANGERMENT TO PUBLIC SAFETY. THE SINKHOLE SHALL BE BACKFILLED WITH A SANDY CLAY MIXTURE. THE SANDY CLAY SHALL BE PLACED IN SIX INCH LIFTS WITHIN THE FINAL THREE FEET OF FILL AND ROLLED WITH A HEAVILY LOADED RUBBER TIRE EQUIPMENT. SHOULD SINKHOLE ACTIVITY CONTINUE REPEATEDLY WITHIN A CONFINED AREA, THE OWNER SHALL CONSULT A GEOTECHNICAL ENGINEER TO DETERMINE WHETHER ANY ALTERNATIVE REMEDIAL MEASURES ARE REQUIRED.

MAINTENANCE NOTES

1. MAINTENANCE RESPONSIBILITY:

   GAINESVILLE RENEWABLE ENERGY CENTER, LLC, AN AMERICAN RENEWABLES COMPANY WILL BE THE ENTITY RESPONSIBLE FOR THE MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM IN PERPETUITY.

2. MAINTENANCE PLAN:

   A. BASINS SHALL BE MOWED REGULARLY TO AVOID EXCESSIVE VEGETATIVE GROWTH. MOWING SCHEDULE SHOULD BE MONTHLY DURING WINTER MONTHS AND MORE FREQUENTLY (BIWEEKLY) DURING SUMMER MONTHS.

   B. BASINS SHALL BE CLEANED OUT ANNUALLY OF ANY ACCUMULATED SEDIMENTATION BUILDUP. IF THE BASINS ARE SHOWING EXCESSIVE SEDIMENTATION ACCUMULATION AT THE AS IN BOTTOM, THE BASIN BOTTOM SHALL BE SCRAPED CLEAN MORE OFTEN AS THE CONDITION DICTATES.

   C. BASINS SIDE SLOPES SHALL BE MAINTAINED WITH A GOOD STAND OF GRASS. SEASONAL GRASSES SHALL BE PLANTED TO AVOID EROSION (WINTER RYE, SUMMER MILLET).

   D. BASINS THAT DO NOT DRAWDOWN PROPERLY AND MAINTAIN STANDING WATER FOR AN EXTENDED PERIOD OF TIME MAY REQUIRE REMEDIAL ACTION. THE ENGINEER SHALL BE NOTIFIED TO HELP COORDINATE REMEDIAL ACTION IN THE EVENT THIS OCCURS.

   E. THE REQUIRED LANDSCAPING SHALL BE MAINTAINED IN A SOUND CONDITION AT ALL TIMES. ANY DEAD LANDSCAPING MATERIALS SHALL BE REPLACED IMMEDIATELY TO ASSURE PUBLIC SAFETY.

   F. SWALES: MAINTENANCE SHALL INCLUDE INSPECTION AFTER EVERY RAINFALL EVENT AND ONCE EVERY TWO WEEKS BEFORE FINAL STABILIZATION. THEY SHOULD BE CLEARED OF SEDIMENT AND MAINTAIN VEGETATIVE COVER.

   G. INLETS: ROUTINE MAINTENANCE SHALL INCLUDE INSPECTION AFTER EVERY STORM EVENT AND MIGHT INCLUDE REMOVAL OF ACCUMULATED SEDIMENT.

   H. OUTFALL STRUCTURES: ROUTINE MAINTENANCE SHALL INCLUDE INSPECTION AFTER EVERY STORM EVENT TO ASSURE NO EROSION OR SCOUR HAS OCCURRED.

   I. DRY RETENTION BASINS: ROUTINE MAINTENANCE SHALL INCLUDE MONITORING FOR SEDIMENT ACCUMULATION, CLEAN AND REMOVE DEBRIS FROM INLETS AND OUTLETS, MOW SIDE SLOPES AND INSPECT FOR DAMAGE OF BERMS AND REPAIR UNDERCUT OR ERODED AREAS AS NECESSARY.

   J. WET DETENTION BASINS: ROUTINE MAINTENANCE SHALL INCLUDE MONITORING FOR SEDIMENT ACCUMULATION, CLEAN AND REMOVE DEBRIS FROM INLETS AND OUTLETS, MOW SIDE SLOPES AND INSPECT FOR DAMAGE OF BERMS AND REPAIR UNDERCUT OR ERODED AREAS AS NECESSARY.

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

SCALES:
AS SHOWN

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2464 NW 43rd ST, Gainesville, FLORIDA 32606-6602
TEL: (352) 373-3541 FAX: (352) 373-7249
E-MAIL: edadmin@mindspring.com

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: DRAINAGE DETAILS & NOTES

Project phase: STATE CERTIFICATION

Designed: CSV/CAP | Drawn: JJR | Date: NOV. 13, 2009 | Project No: 09-194

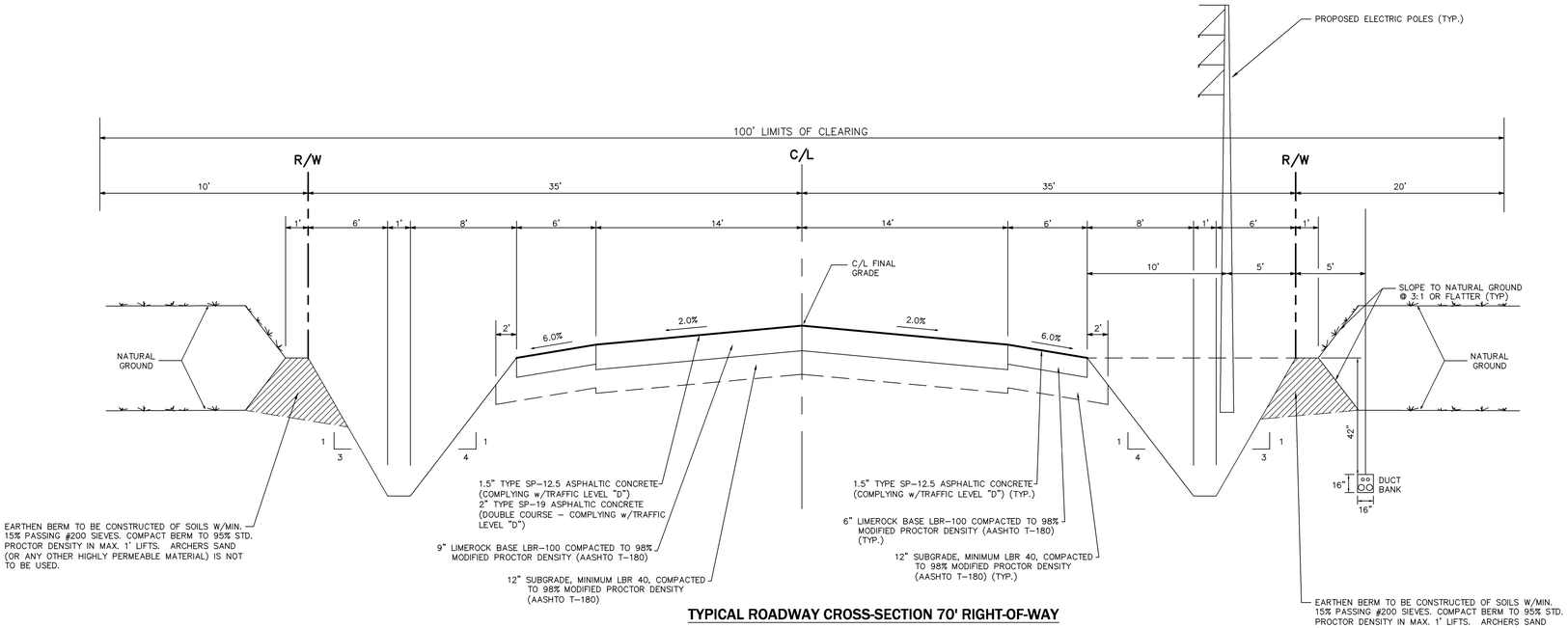
Professional Engineer of Record:

Claudia S. Vega P.E. Engineer — Certificate No. 51532

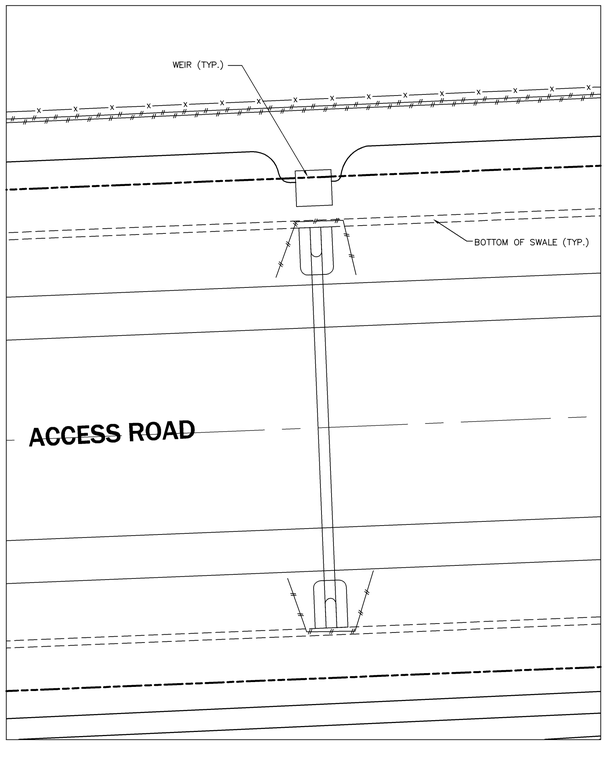
Sheet No.: C3.20

Plotted Jan 27, 2010 - 14:57:32 - Joyne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sco\D09194jl.dwg - ROADWAY DETAILS



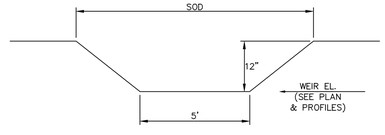
TYPICAL ROADWAY CROSS-SECTION 70' RIGHT-OF-WAY
DESIGN SPEED - 30 MPH
N.T.S.



PLAN VIEW
SODDED WEIR & STORM CROSSING DETAIL (TYPICAL)
SCALE: 1" = 10'

PAVING, GRADING AND DRAINAGE SPECIFICATIONS

1. GENERAL: ALL ROADWAY AND DRAINAGE CONSTRUCTION, INCLUDING MATERIALS, CONSTRUCTION TECHNIQUES, AND TECHNICAL STANDARDS, SHALL BE IN ACCORDANCE WITH THE LATEST F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE LATEST F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS.
2. ALL AREAS OF NEW CONSTRUCTION SHALL BE PREPARED AFTER SITE DEMOLITION. TOP SOIL REMAINING ONSITE MAY BE STOCKPILED FOR FINE GRADING IN LANDSCAPED AREAS, IF SUITABLE. THE CONTRACTOR SHALL FURNISH ALL FILL REQUIRED AND DISPOSE OF ALL EXCESS OR UNSUITABLE MATERIAL OFFSITE IN ACCORDANCE WITH ALL REGULATORY REQUIREMENTS.
3. ALL NEW ASPHALT PAVEMENT CONSTRUCTION SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
   A. EARTHWORK: FILL MATERIALS SHALL CONFORM TO AASHTO SOIL GROUPS A-1, A-3, OR A-2-4 AND SHALL BE PLACED IN 6"-12" LOOSE LIFTS AND COMPACTED TO 95% DENSITY USING MODIFIED PROCTOR METHOD (AASHTO T-180).
   B. SUBSOIL EXCAVATION: WHERE SUBSOIL EXCAVATION IS REQUIRED, UNSUITABLE MATERIALS SHALL BE REMOVED TO A DEPTH OF 18" BELOW THE LIMEROCK BASE AND BACKFILLED WITH CLEAN FILL.
   C. STABILIZED SUBGRADE: ALL STABILIZED MATERIAL SHALL BE TYPE 'B' CONFORMING TO SECTION 914-3 AND PLACED ACCORDING TO SECTION 160 IN ONE 12" MINIMUM COMPACTED LIFT. SUBGRADE SHALL BE STABILIZED TO A MINIMUM LBR VALUES AND DENSITIES AS SHOWN IN THE TYPICAL SECTIONS.
   D. BASE COURSE: ALL MATERIAL SHALL BE LIMEROCK CONFORMING TO SECTION 911 AND PLACED ACCORDING TO SECTION 200 IN ONE 6" MINIMUM COMPACTED LIFT OR DOUBLE COMPACTED LIFT. ALL BASE MATERIAL SHALL BE COMPACTED TO 98% DENSITY BY MODIFIED PROCTOR METHOD (AASHTO T-180). THE PRIME COAT SHALL CONFORM TO SECTION 300.
   E. ASPHALTIC CONCRETE: ALL ASPHALTIC CONCRETE MATERIAL SHALL BE PER DESIGN SECTIONS. ALL ASPHALTIC CONCRETE CONSTRUCTION SHALL CONFORM TO SECTION 330.
4. ALL CONCRETE USED FOR CONSTRUCTION OF DRAINAGE STRUCTURES, SIDEWALKS, AND CURBING SHALL BE CLASS I CONFORMING TO SECTION 346.
5. REINFORCED CONCRETE PIPE SHALL CONFORM TO SECTION 941.
6. ALL PAVEMENT MARKINGS REQUIRED IN THE R/W SHALL BE THERMOPLASTIC AND INCLUDE RAISED PAVEMENT MARKERS, WHERE REQUIRED CONFORMING TO SECTION 711.
7. ALL PAVEMANT MARKING, SYMBOLS AND STRIPING WITHIN THE SITE SHALL MEET THE LATEST FLORIDA HANDICAP ACCESSIBILITY CODE. PAVEMENT MARKINGS SHALL BE 4" BLUE/WHITE (HANDICAP) OR WHITE (REGULAR) AND SHALL CONFORM TO THE LATEST F.D.O.T. AND M.U.T.C.D. STANDARDS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A GEOTECHNICAL CONSULTANT TO PROVIDE A FIELD INVESTIGATION REPORT DELINEATING RECOMMENDATIONS FOR UNDERCUTTING AND/OR UNDERDRAINS. A COPY OF THIS REPORT SHALL BE FORWARDED TO THE OWNER AND ENGINEER FOR REVIEW AND APPROVAL PRIOR TO UNDERCUTTING OR INSTALLING UNDERDRAIN. UNIT PRICES SHALL BE PROVIDED FOR UNDERDRAIN AND UNDERCUTTING. THE CONTRACTOR SHALL NOT CONSTRUCT BASE COURSE UNTIL THE REPORT IS REVIEWED AND APPROVED BY THE OWNER AND THE ENGINEER.
9. SOIL TESTING RESULTS SHALL BE PROVIDED FOR THE PAVEMENT CONSTRUCTION. TESTING RESULTS SHALL BE SUBMITTED FOR THE SUBGRADE AND BASE COURSE, IN ACCORDANCE WITH THE DESIGN SECTION. A MINIMUM OF 5 TEST LOCATIONS SHALL BE PROVIDED ONSITE. THE TESTING REPORT SHALL DENOTE THE TEST LOCATIONS. THE CONTRACTOR SHALL NOT PROCEED TO THE SUBSEQUENT PAVEMENT SECTION UNTIL TESTING -RESULTS ARE APPROVED FOR PREVIOUS SECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING COST.
10. LANDSCAPING: FINAL GRADING IN OPEN AREAS AND LANDSCAPE ISLANDS SHALL BE COORDINATED WITH THE LANDSCAPE CONTRACTOR AND THE OWNER. THE CONTRACTOR SHALL ALSO COORDINATE THE PLACEMENT OF ANY IRRIGATION AND ELECTRICAL CONDUIT SLEEVES DURING CONSTRUCTION.



SODDED WEIR DETAIL (TYPICAL)
N.T.S.

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

SCALES:
AS SHOWN

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 373-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
BIOMASS GENERATING FACILITY
CITY OF GAINESVILLE, FLORIDA

Sheet title: ROADWAY DETAILS, NOTES & TYPICAL CROSS-SECTION

Project phase: STATE CERTIFICATION
Designed: CSV/CAP | Drawn: JVR | Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:
Claudia S. Vega, P.E. 51532
Engineer Certificate No.

Sheet No.: C5.00

Plotted Jan 27, 2010 - 14:57:32 - Jayne Rocks

\\server2\engprojects\gainesville renewable energy center\01-29-10_aca\RGp0100.dwg - Layout1

STORMWATER STRUCTURE SCHEDULE

S-20A
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.00

S-20B
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.00

S-21
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.00

S-22
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.00

S-23
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.00

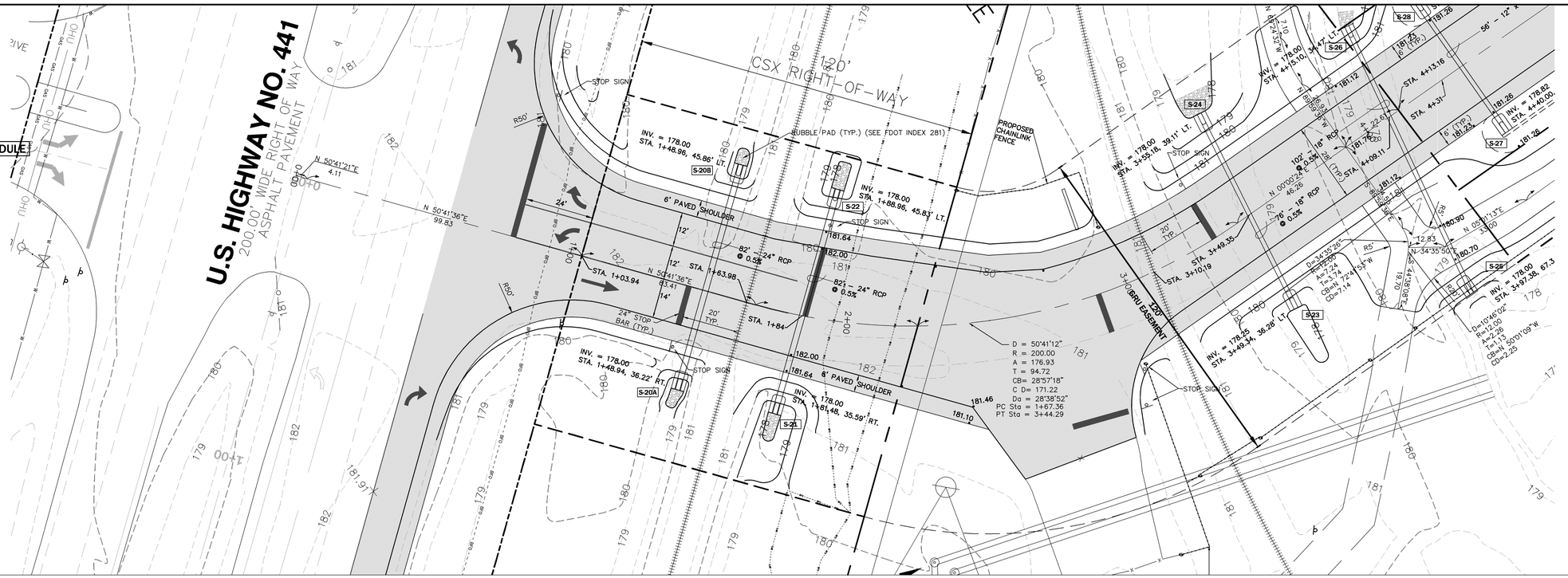
S-24
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.00

S-25
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.00

S-26
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.00

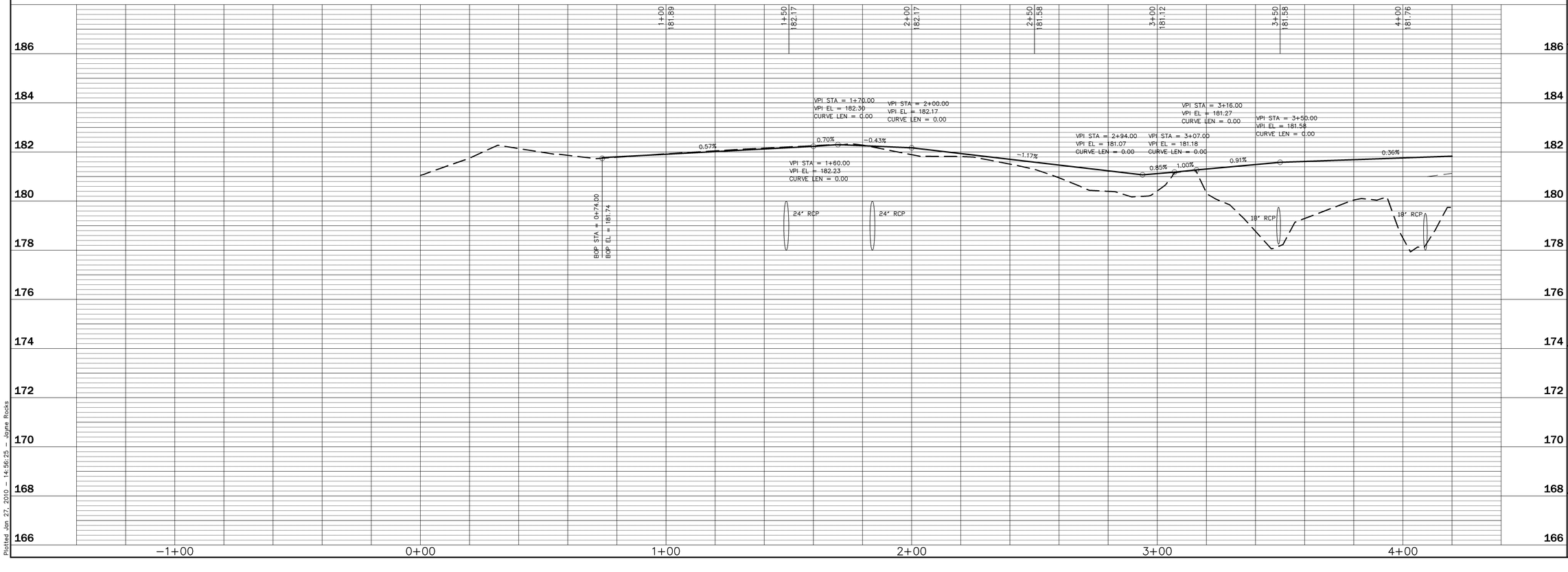
S-27
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 179.26

S-28
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 179.26



20 10 0 20 40 60

GRAPHIC SCALE



No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALES:
HORIZONTAL: 1"=20'
VERTICAL: 1" = 2'

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
LB 2389
2404 N.W. 43rd ST, Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 377-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
CITY OF GAINESVILLE, FLORIDA

Sheet title: ROADWAY PLAN & PROFILES
ACCESS ROAD
SHEET 1 of 7

Project phase: STATE CERTIFICATION

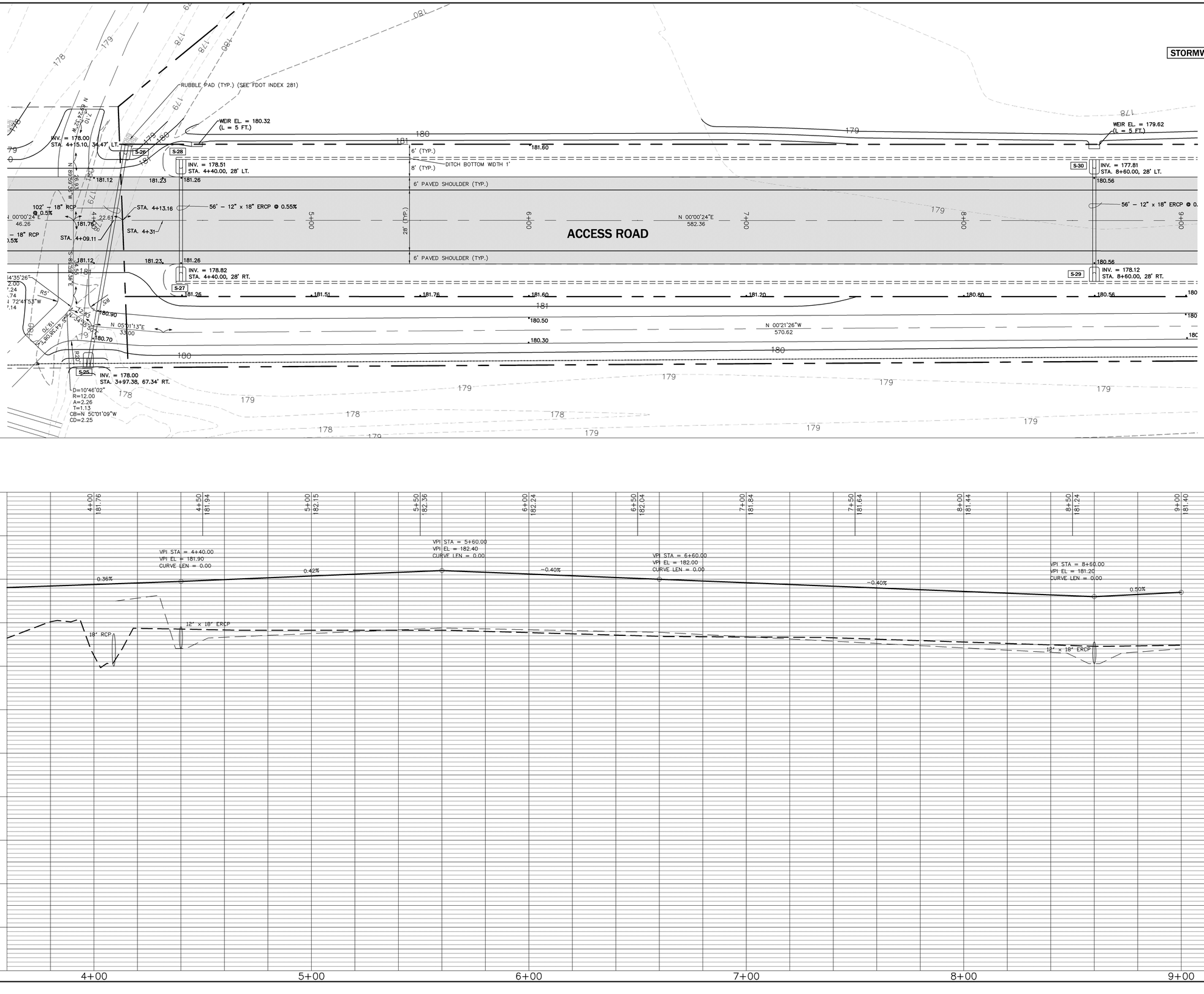
Designed: CSV
Drawn: JJR
Project No: 09-194
Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega P.E. 51532
Engineer Certificate No.

Sheet No.:
C6.00

Plotted Jan 27, 2010 - 14:56:25 - Joyne Rocks



STORMWATER STRUCTURE SCHEDULE

S-27
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.82

S-28
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.51

S-29
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.12

S-30
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.81

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALES:
HORIZONTAL: 1"=20'
VERTICAL: 1" = 2'

ENG. DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2464 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 378-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
CITY OF GAINESVILLE, FLORIDA

Sheet title:
ROADWAY PLAN & PROFILES
ACCESS ROAD
SHEET 2 of 7

Project phase:
STATE CERTIFICATION

Designed: CSV | Drawn: JVR | Date: NOV. 13, 2009 | Project No: 09-194

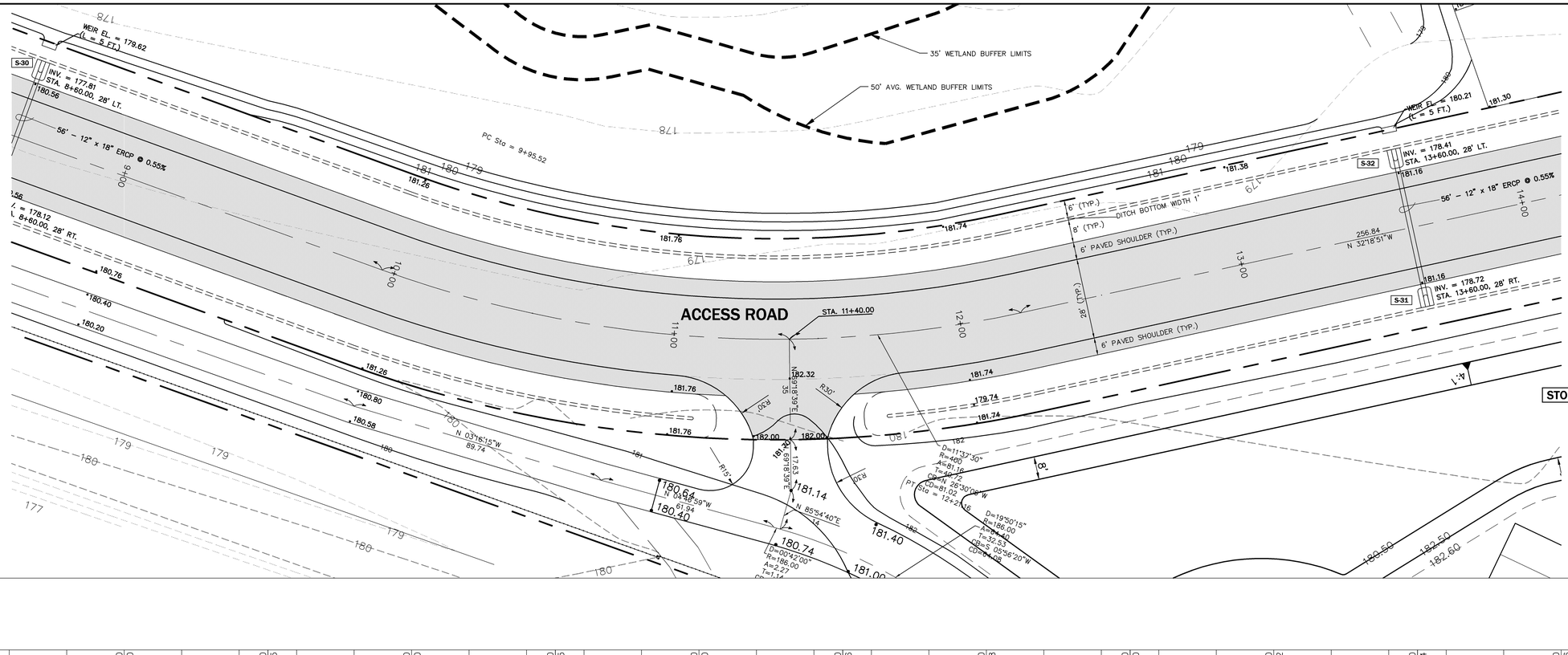
Professional Engineer of Record:

Claudia S. Vega P.E. 51532
Engineer Certificate No.

Sheet No.:
C6.01

\\server3\engprojects\gainesville renewable energy center\01-29-10_sco\RCp02100.dwg - Layout1
Plotted Jan 27, 2010 - 14:36:34 - Joyne Rocks

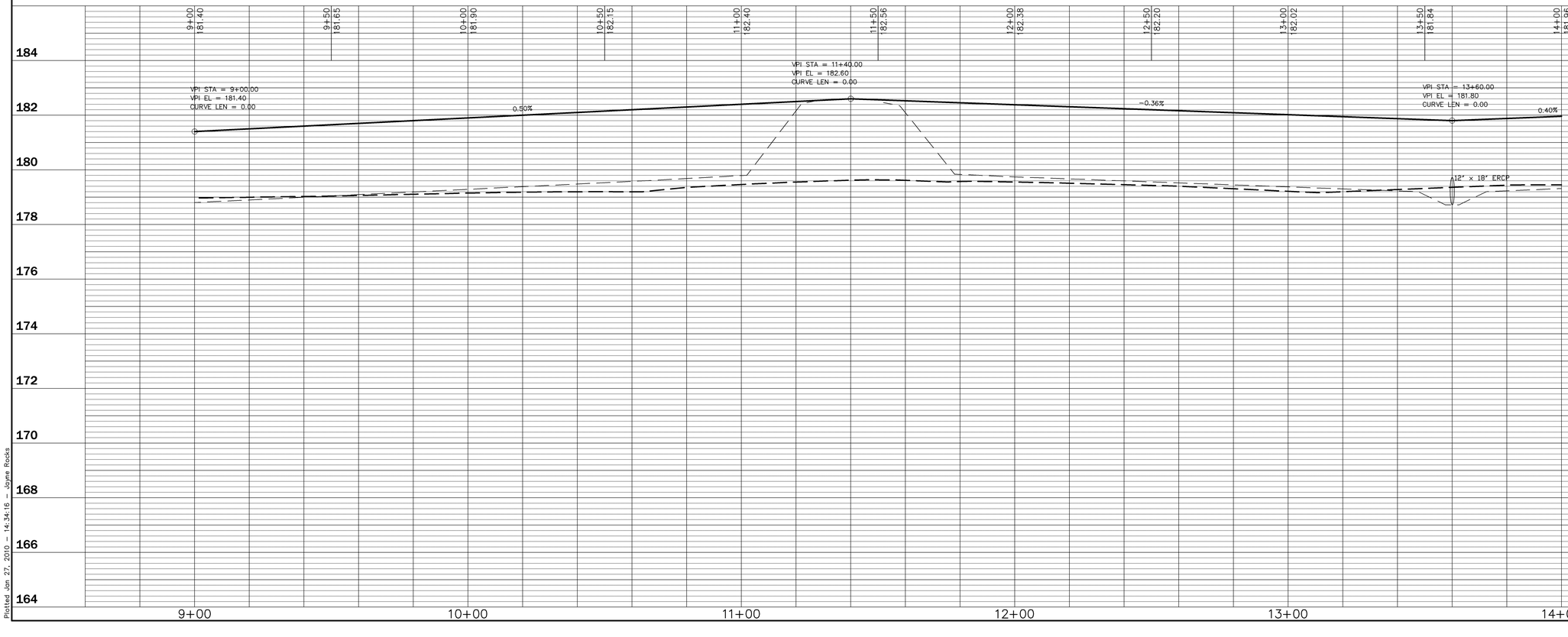
\\server3\engprojects\gainesville renewable energy center\01-29-10_aco\RCp03100.dwg - Layout1



STORMWATER STRUCTURE SCHEDULE

S-31
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.72

S-32
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.41



No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

ENG. DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2464 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 378-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
CITY OF GAINESVILLE, FLORIDA

Sheet title: ROADWAY PLAN & PROFILES
ACCESS ROAD
SHEET 3 of 7

Project phase: STATE CERTIFICATION

Designed: CSV | Drawn: JVR | Date: NOV. 13, 2009 | Project No: 09-194

Professional Engineer of Record:

Claudia S. Vega P.E. Engineer — 51532 Certificate No.

Sheet No.: C6.02

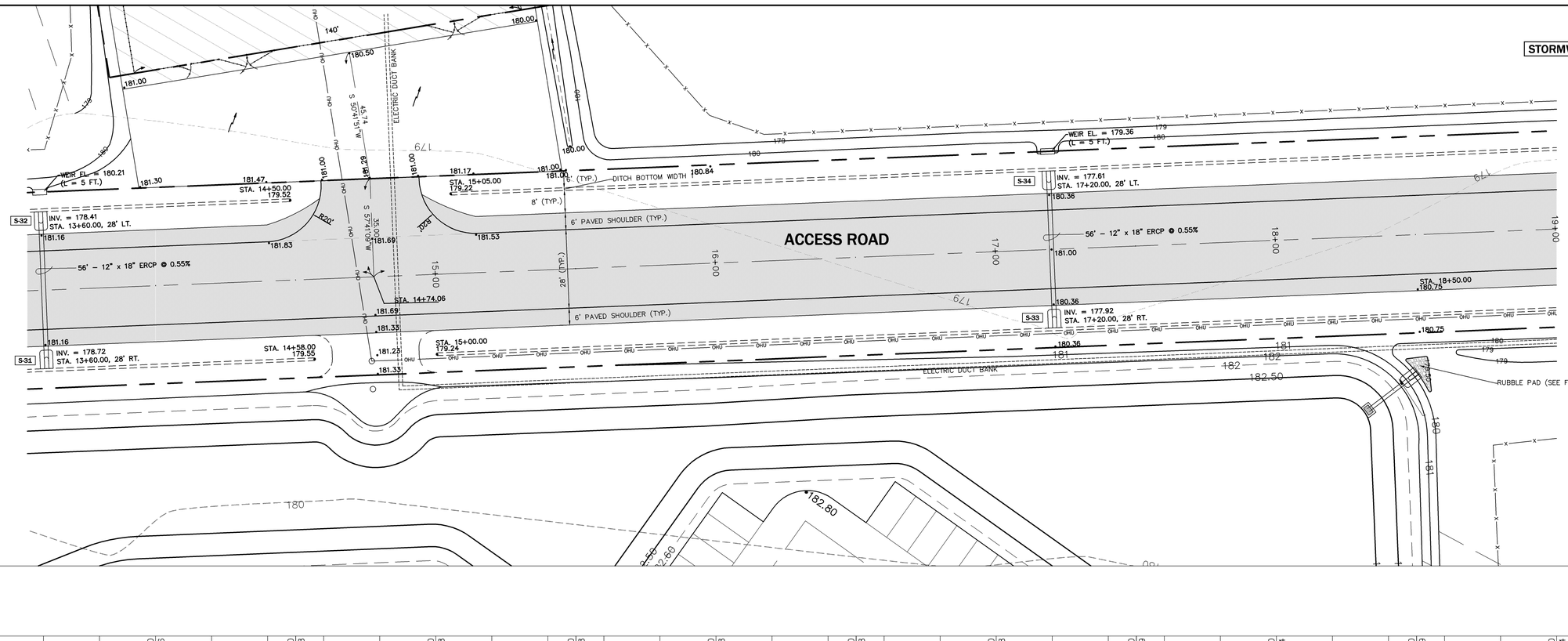
Plotted Jan 27, 2010 - 14:34:16 - Joyne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_aco\RCp04100.dwg - Layout1

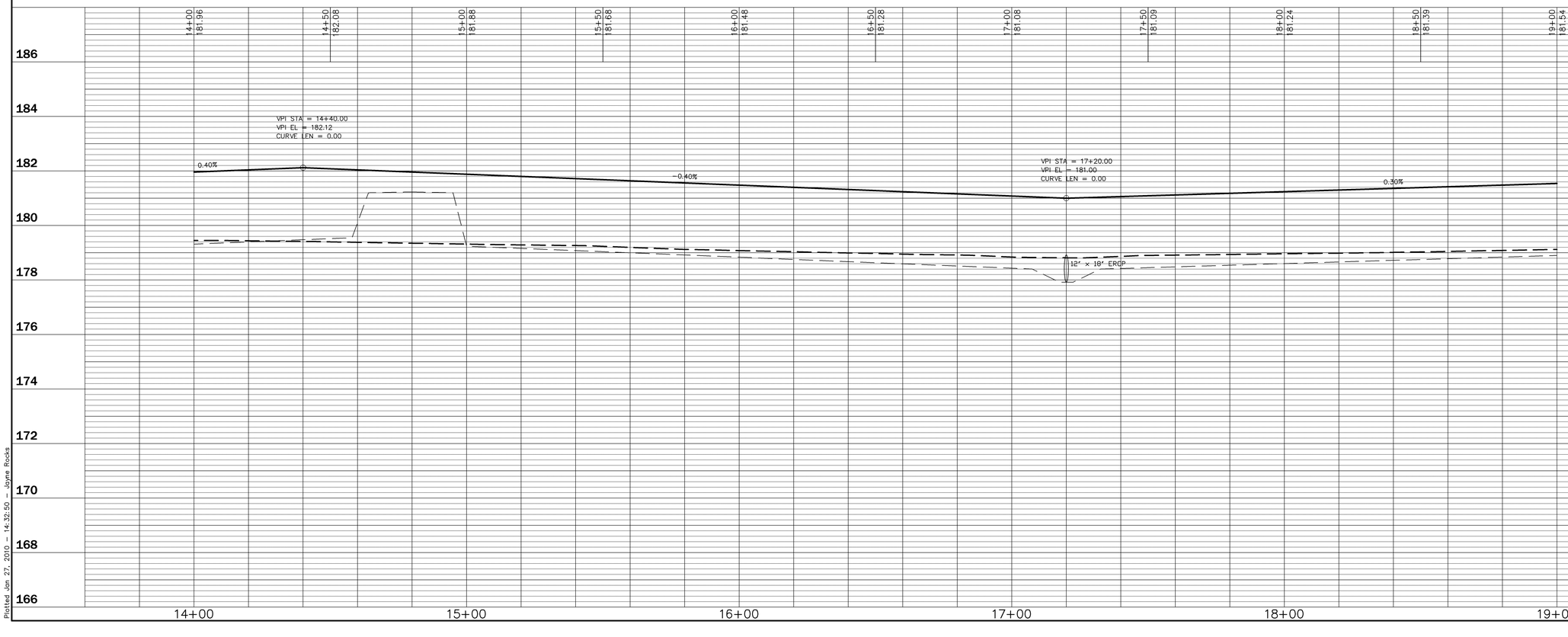
STORMWATER STRUCTURE SCHEDULE

S-33
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.92

S-34
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.61



SCALES:
HORIZONTAL: 1"=20'
VERTICAL: 1" = 2'



No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

ENG. DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2464 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 378-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
CITY OF GAINESVILLE, FLORIDA

Sheet title: ROADWAY PLAN & PROFILES
ACCESS ROAD
SHEET 4 of 7

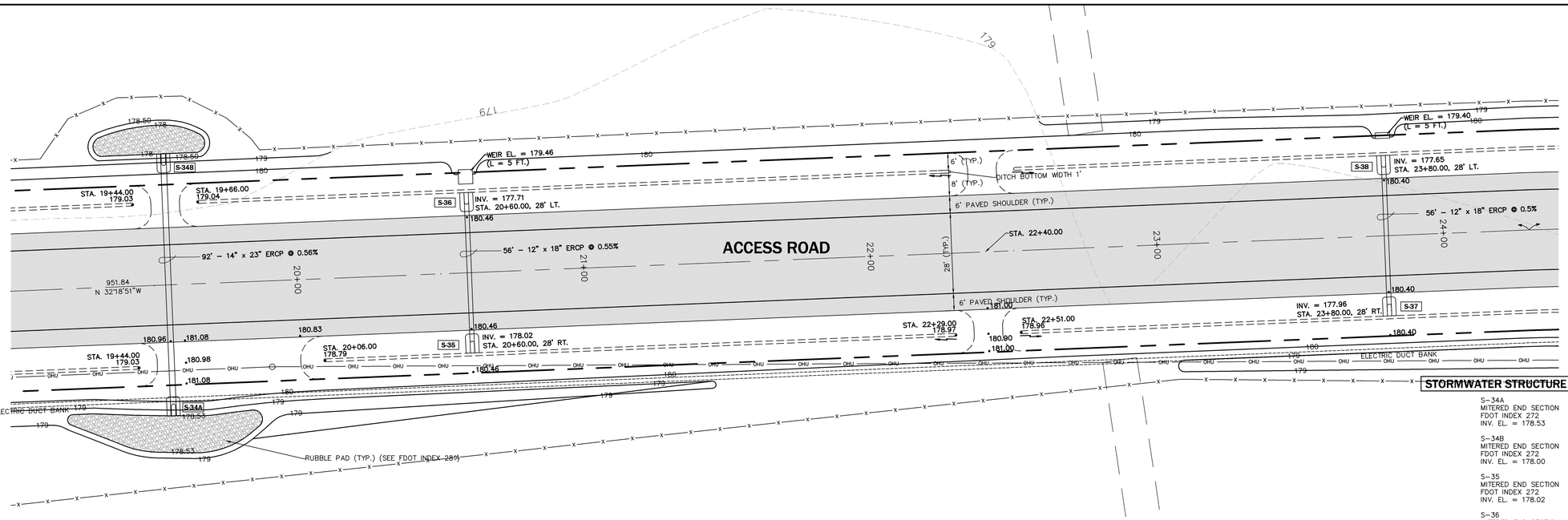
Project phase: STATE CERTIFICATION
Designed: CSV
Drawn: JVR
Project No: 09-194
Date: NOV. 13, 2009

Professional Engineer of Record:
Claudia S. Vega P.E.
Engineer
51532
Certificate No.

Sheet No.:
C6.03

Plotted Jan 27, 2010 - 14:32:50 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_aco\RCp05100.dwg - Layout1



STORMWATER STRUCTURE SCHEDULE

S-34A
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.53

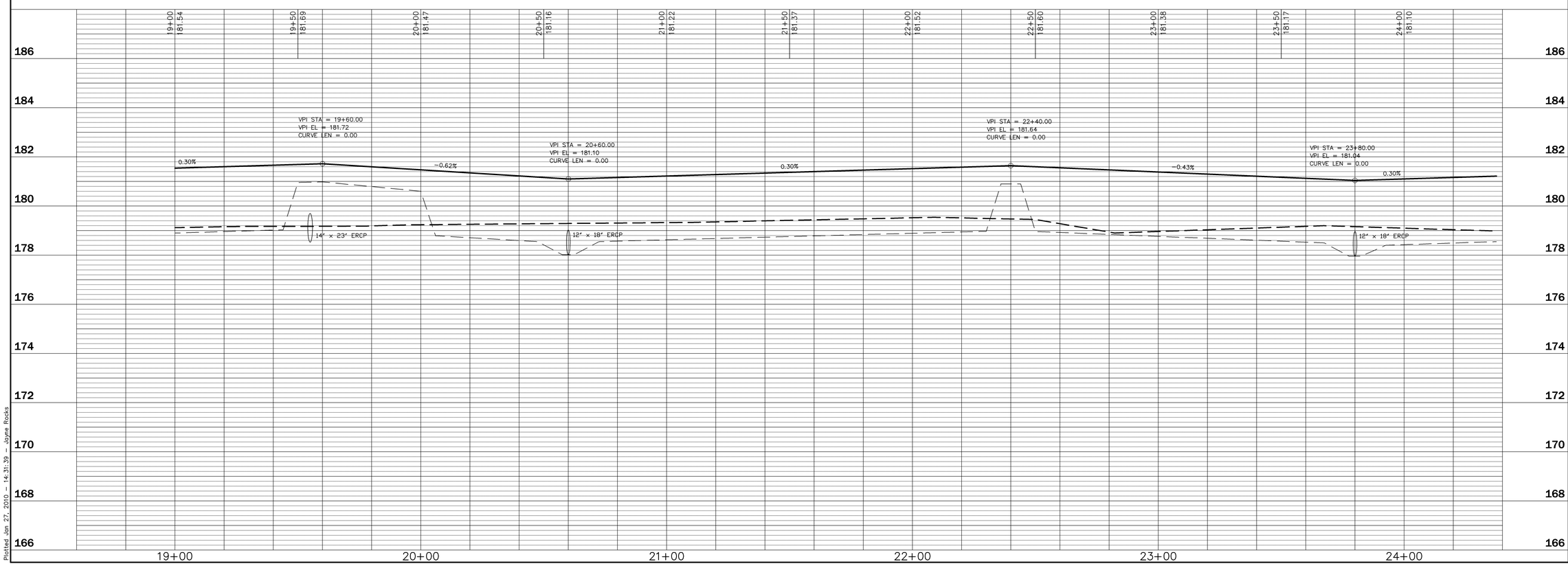
S-34B
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.00

S-35
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.02

S-36
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.71

S-37
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.96

S-38
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.65



No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALES:
HORIZONTAL: 1"=20'
VERTICAL: 1" = 2'

ENG. DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2404 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 370-7249
E-MAIL: eda@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
CITY OF GAINESVILLE, FLORIDA

Sheet title:
ROADWAY PLAN & PROFILES
ACCESS ROAD
SHEET 5 of 7

Project phase:
STATE CERTIFICATION

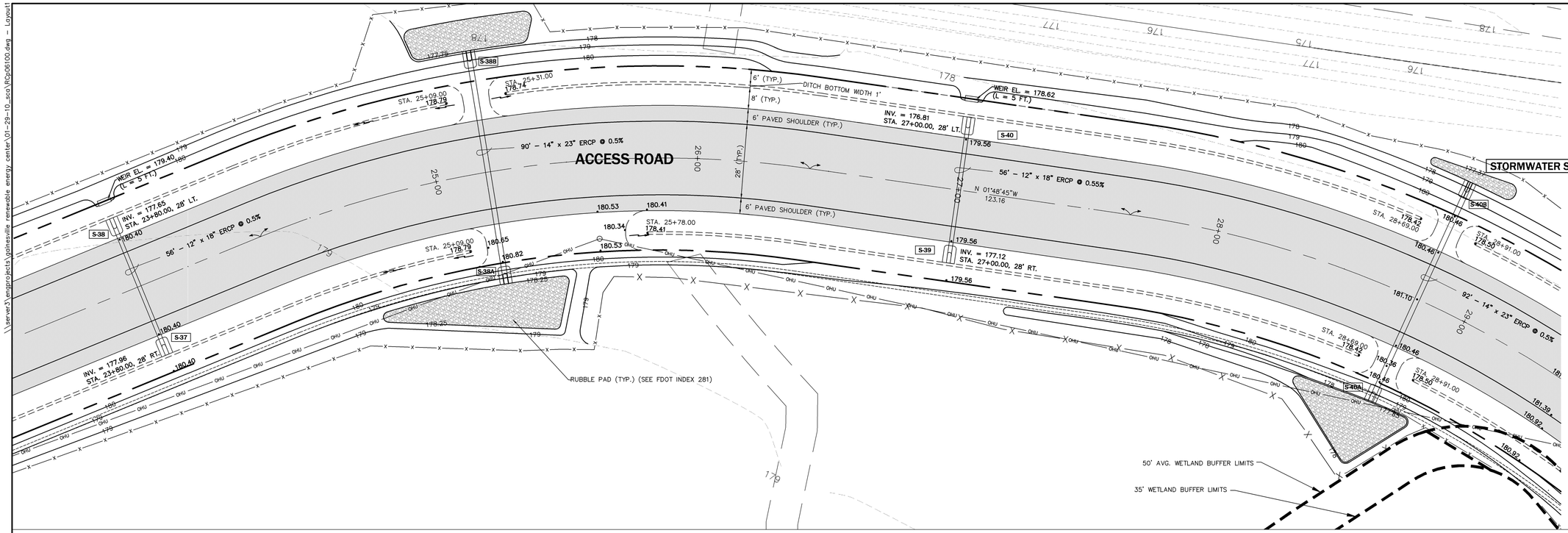
Designed: CSV
Drawn: JJR
Project No: 09-194
Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega P.E. 51532
Engineer Certificate No.

Sheet No.:
C6.04

Plotted Jan 27, 2010 - 14:31:39 - Jayne Rocks



STORMWATER STRUCTURE SCHEDULE

S-37
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.96

S-38
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.65

S-38A
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 178.25

S-38B
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.75

S-39
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.12

S-40
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 176.81

S-40A
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.85

S-40B
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.37

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

ENG. DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2464 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 370-7249
E-MAIL: eda@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
CITY OF GAINESVILLE, FLORIDA

Sheet title: ROADWAY PLAN & PROFILES
ACCESS ROAD
SHEET 6 of 7

Project phase: STATE CERTIFICATION

Designed: CSV | Drawn: JVR | Date: NOV. 13, 2009

Project No: 09-194

Professional Engineer of Record:

Claudia S. Vega P.E. Engineer

51532 Certificate No.

Sheet No.: C6.05

Plotted Jan 27, 2010 – 14:27:39 – Joyne Rocks
\\server3\engprojects\gainesville renewable energy center\01-29-10_aca\RCp08100.dwg – Layout1

\\server3\engrprojects\gainesville renewable energy center\01-29-10_aco\RCp07100.dwg - Layout1

50' AVG. WETLAND BUFFER LIMITS

WETLAND LIMITS

35' WETLAND BUFFER LIMITS

50' AVG. WETLAND BUFFER LIMITS

ELECTRIC DUCT BANK

DITCH BOTTOM WIDTH 1'

6' (TYP.)

6' (TYP.)

6' PAVED SHOULDER (TYP.)

STA. 30+33

179.39

179.57

181.47

181.52

STA. 30+26.17

182.16

N 35°27'52"E

57.88

STA. 30+84.06

182.32

182.60

14.00'

48.00'

20.00'

14.00'

STA. 29+47.20

181.56

181.39

180.92

14" x 23" RCP @ 0.5%

24' (TYP.)

6' PAVED SHOULDER (TYP.)

181.39

180.92

181.52

181.52

STA. 28+91.00

179.50

180.92

182.25

182.07

180.00

182.00

ACCESS ROAD

PLANT AREA
(SEE ZACHRY PLANS)

PLANT AREA
(SEE ZACHRY PLANS)

35' WETLAND BUFFER LIMITS

50' AVG. WETLAND BUFFER LIMITS

WETLAND LIMITS

STORMWATER BASIN 202

182

179.50

179.50

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALES:
HORIZONTAL: 1"=20'
VERTICAL: 1" = 2'

ENG. DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2464 N.W. 43rd ST., Gainesville, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 373-7249
E-MAIL: eda@atlantic.net

29+00 181.20
29+50 181.58
30+00 181.96
30+50 182.34

EOP STA = 30+84.06
EOP EL = 182.60

TIE TO ZACHRY PLANS

0.76%

EP

186
184
182
180
178
176
174
172
170
168
166

29+00
30+00
31+00
32+00
33+00
34+00

Project: GAINESVILLE RENEWABLE ENERGY CENTER
CITY OF GAINESVILLE, FLORIDA

Sheet title: ROADWAY PLAN & PROFILES
ACCESS ROAD
SHEET 7 of 7

Project phase: STATE CERTIFICATION

Designed: CSV | Drawn: JVR | Date: NOV. 13, 2009

Project No: 09-194

Professional Engineer of Record:

Claudia S. Vega P.E. Engineer — 51532 Certificate No.

Sheet No.: C6.06

Plotted Jan 27, 2010 - 14:26:22 - Jayne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_scs\RCp01200.dwg - Layout1

PLANT AREA
SEE ZACHRY PLANS
FOR DETAILS

BEGINING STA. = 0+00.00

0+00

STA. = 0+62.16
TIE TO ZACHRY PLANS

N 00°00'00"E
62.16

CMP

184

183

182.75
182.85

1+00

2+00

3+00

4+00

183.45

2' PAVED SHOULDER (TYP.)

EMERGENCY ACCESS ROAD

183.65

16' (TYP.)

N 00°00'00"E
654.20

183.30
183.25

1+00 184.13
1+50 183.97
2+00 183.81
2+50 183.71
3+00 183.87
3+50 184.03
4+00 184.19

VPI STA = 2+40.00
VPI EL = 183.68
CURVE LEN = 0.00

-0.32%

0.32%

BOP STA = 0+62.16
BOP EL = 184.25

190
188
186
184
182
180
178
176
174
172
170

-1+00
0+00
1+00
2+00
3+00
4+00

No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALES:
HORIZONTAL: 1"=20'
VERTICAL: 1" = 2'

DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2464 N.W. 43rd ST., Gainesville, FLORIDA 32606-6672
TEL. (352) 373-3541 FAX: (352) 378-7249
E-MAIL: eds@atlantic.net

Project:
GAINESVILLE RENEWABLE ENERGY CENTER
CITY OF GAINESVILLE, FLORIDA

Sheet title:
EMERGENCY ACCESS ROAD TO NW 128th LANE
STA. 0+00 to 4+00
SHEET 1 of 2

Project phase:
STATE CERTIFICATION

Designed: CSV
Drawn: JVR
Project No: 09-194
Date: NOV. 13, 2009

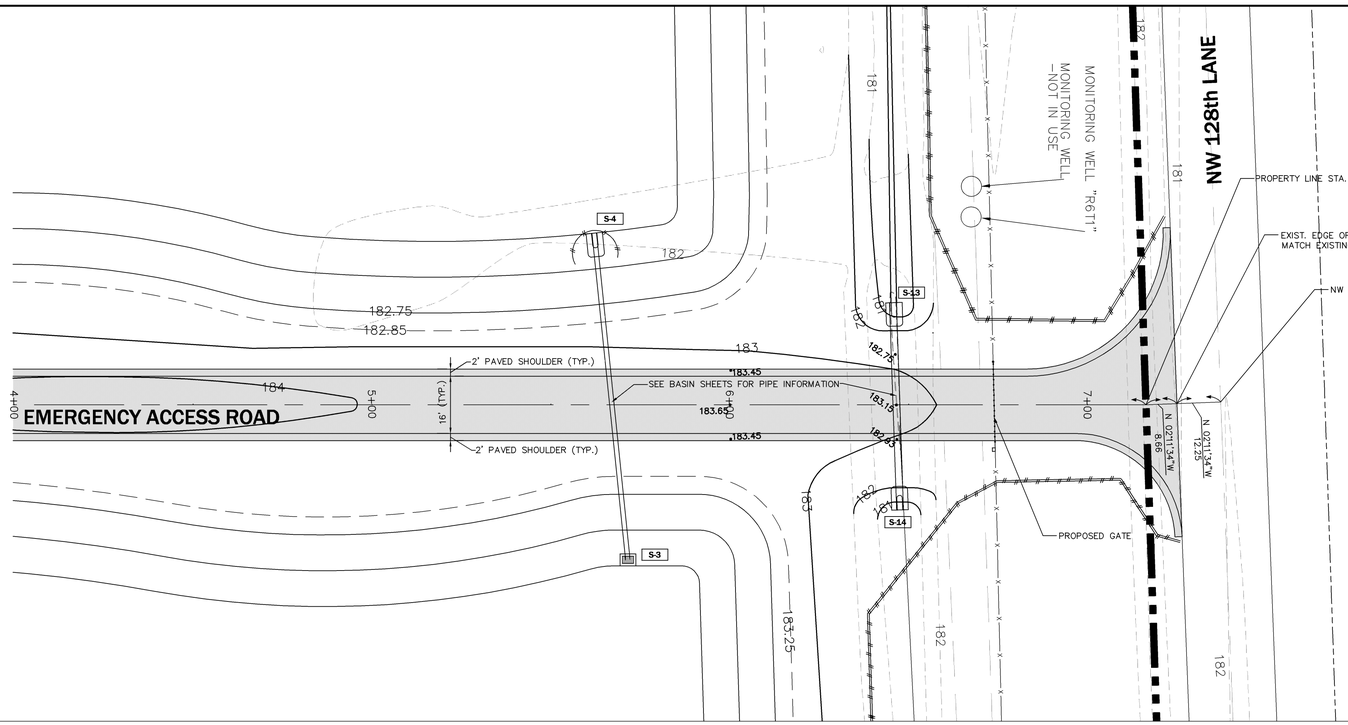
Professional Engineer of Record:

Claudia S. Vega P.E. 51332
Engineer Certificate No.

Sheet No.:
C6.07

Plotted Jan 27, 2010 - 14:23:25 - Joyne Rocks

\\server3\engprojects\gainesville renewable energy center\01-29-10_sco\RGp02200.dwg — Layout1



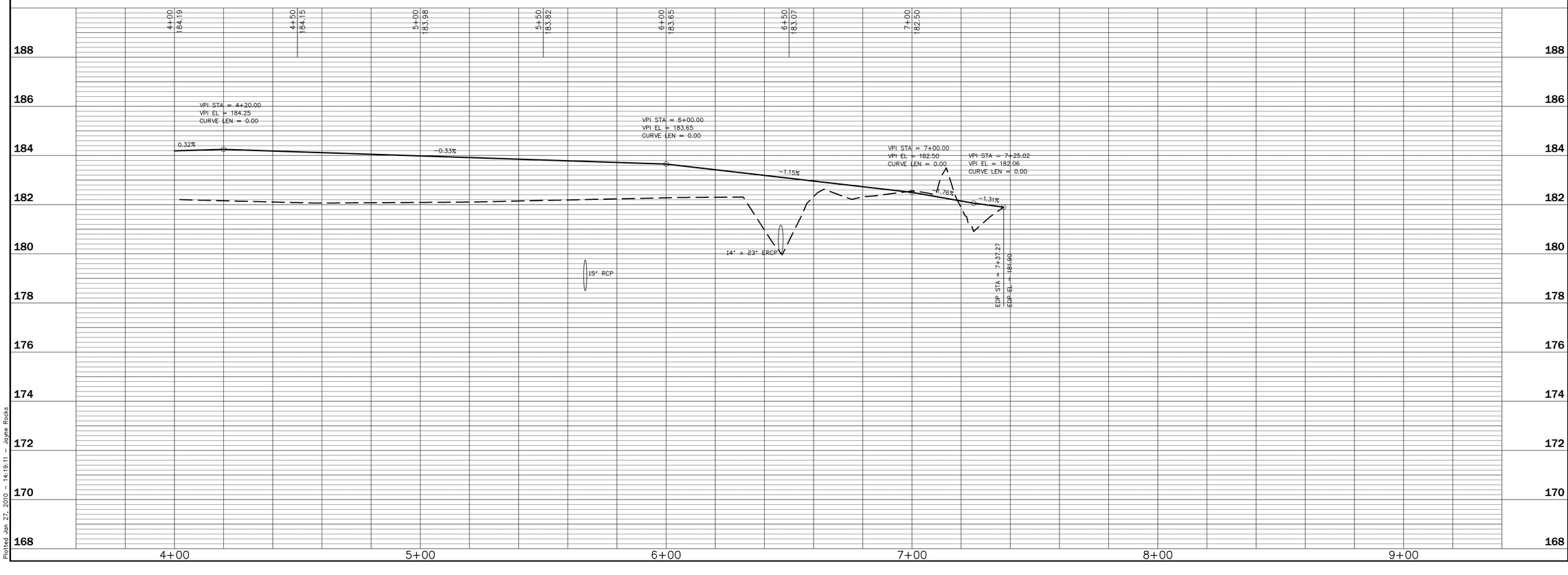
STORMWATER STRUCTURE SCHEDULE

S-3
TYPE C INLET
FDOT INDEX 232
TOP EL. = 183.25
WEIR EL. = 182.25
3.5" ORIFICE EL. = 180.75
INV. EL. = 178.50

S-4
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 177.50

S-13
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 180.00

S-14
MITERED END SECTION
FDOT INDEX 272
INV. EL. = 180.30



No.	Date	Comment
1	01/29/10	REVISIONS PER STATE COMMENTS

NORTH

SCALES:
HORIZONTAL: 1"=20'
VERTICAL: 1" = 2'

ENG, DENMAN & ASSOCIATES, INC.
ENGINEERS - SURVEYORS - PLANNERS
EB 2389
2464 N.W. 43rd ST. GAINESVILLE, FLORIDA 32606-6602
TEL. (352) 373-3541 FAX: (352) 370-7249
E-MAIL: edafla@atlantic.net

Project: GAINESVILLE RENEWABLE ENERGY CENTER
CITY OF GAINESVILLE, FLORIDA

Sheet title: EMERGENCY ACCESS ROAD TO NW 128th LANE
STA. 4+00 to 7+36.66
SHEET 2 of 2

Project phase: STATE CERTIFICATION

Designed: CSV | Drawn: JVR | Project No: 09-194 | Date: NOV. 13, 2009

Professional Engineer of Record:

Claudia S. Vega, P.E. 51532
Engineer Certificate No.

Sheet No.: C6.08

Plotted Jan 27, 2010 — 14:19:11 — Jayne Rocks

BOUNDARY AND TOPOGRAPHIC SURVEY
OF
GAINESVILLE RENEWABLE ENERGY CENTER
IN
SECTION 27, TOWNSHIP 8 SOUTH, RANGE 19 EAST
ALACHUA COUNTY, FLORIDA

WETLAND AREA "A"

LINE NO.	BEARING	DISTANCE
L1	N14°47'43"E	54.03'
L2	N35°09'29"E	59.36'
L3	N33°04'22"E	43.63'
L4	N13°53'06"W	60.01'
L5	N33°21'27"E	69.40'
L6	N25°37'10"E	59.35'
L7	N85°50'25"E	51.93'
L8	N09°57'19"E	53.58'
L9	N41°17'12"E	47.78'
L10	N83°05'33"E	94.64'
L11	N37°54'00"E	42.76'
L12	N42°44'22"E	56.38'
L13	N37°05'05"W	50.86'
L14	N04°47'24"W	59.91'
L15	N70°28'47"E	59.00'
L16	N67°08'49"E	100.37'
L17	N43°39'48"E	73.39'
L18	N06°15'31"E	51.83'
L19	N27°09'50"E	50.93'
L20	N77°13'19"E	70.89'
L21	N13°05'52"W	46.70'
L22	N03°31'03"E	71.10'
L23	N47°32'24"E	69.52'
L24	N15°25'32"W	75.65'
L25	N11°38'16"E	58.01'
L26	N07°58'29"E	103.55'
L27	S81°31'10"E	61.60'
L28	N06°31'15"E	49.70'
L29	N81°22'48"E	79.68'
L30	S89°41'18"E	98.48'
L31	N00°46'32"E	7.59'
L32	N88°55'14"W	93.38'
L33	S89°40'49"W	161.81'
L34	N89°53'29"W	109.43'
L35	S87°18'59"W	90.38'
L36	S86°51'19"W	87.01'
L37	S85°01'55"W	95.22'
L38	S86°21'03"E	65.76'
L39	N89°12'38"E	95.83'
L40	S85°10'16"E	60.39'
L41	S00°05'35"W	15.00'
L42	S25°27'32"W	16.92'
L43	S46°34'08"W	51.56'
L44	S89°12'07"W	81.55'
L45	S10°53'28"W	80.83'
L46	S55°29'21"W	75.86'
L47	S71°16'12"W	38.80'
L48	S65°03'27"W	49.35'
L49	S07°22'14"W	61.87'
L50	S16°31'40"W	76.10'
L51	S36°52'01"E	40.72'
L52	S05°32'33"E	71.38'
L53	S30°55'05"W	28.78'
L54	S29°49'00"W	35.67'
L55	S47°14'57"W	47.15'
L56	S63°28'45"W	41.38'
L57	S22°09'43"W	43.19'
L58	S19°44'00"E	55.18'
L59	S78°09'32"W	44.60'
L60	N79°16'00"W	44.73'
L61	S77°21'30"W	35.12'
L62	S88°25'52"W	50.50'
L63	S72°15'02"W	50.28'
L64	S57°31'12"W	61.98'
L65	S40°45'06"W	78.66'
L66	S29°21'58"W	53.04'
L67	S14°49'20"W	54.99'
L68	S06°10'06"W	61.88'
L69	S07°39'58"W	62.82'
L70	S00°09'56"W	64.99'
L71	N53°20'06"W	18.89'
L72	N05°47'58"W	97.04'
L73	N80°42'58"W	10.76'
L74	S01°50'18"E	137.20'
L75	S01°03'37"E	130.74'
L76	S02°27'26"E	156.64'
L77	S01°38'16"E	81.81'
L78	S00°22'24"E	133.66'
L79	S02°03'41"E	190.03'
L80	S03°23'27"E	149.18'
L81	S00°18'41"E	113.02'
L82	S03°43'30"E	109.46'
L83	S00°55'07"E	114.41'
L84	S04°06'06"E	68.03'
L85	S01°37'15"E	100.90'
L86	S01°42'51"E	83.46'
L87	S79°40'46"E	8.29'
L88	N04°58'46"W	26.84'
L89	N02°50'13"W	52.25'
L90	N01°29'14"W	100.55'
L91	N00°55'56"W	73.49'
L92	N02°11'41"W	115.82'
L93	N02°15'54"W	105.62'
L94	N01°09'49"W	111.04'
L95	N02°01'01"W	159.94'
L96	N01°29'03"W	175.30'
L97	N02°06'21"W	135.10'
L98	N08°33'21"E	43.15'
L99	N01°18'08"E	49.67'
L100	N75°03'37"E	29.13'
L101	N78°21'14"E	58.89'
L102	N26°14'54"E	18.46'
L103	N68°19'01"E	41.05'
L104	N83°52'09"E	59.40'
L105	S88°29'17"E	52.71'
L106	N08°18'20"W	36.85'
L107	N12°20'50"W	53.73'
L108	N14°47'43"E	5.05'
L109	N87°18'42"E	16.93'
L110	N80°36'37"E	55.75'
L111	N88°04'59"E	38.72'
L112	S83°04'26"E	81.45'
L113	S75°54'39"E	18.79'
L114	S76°11'04"E	13.92'
L115	N80°36'34"E	51.07'
L116	S00°05'26"E	2.78'
L117	S78°45'57"W	51.32'
L118	N80°08'47"W	14.96'
L119	N74°41'51"W	20.60'
L120	N84°12'01"W	78.89'
L121	S89°18'55"W	36.65'
L122	S80°22'12"W	54.82'
L123	S86°51'21"W	21.03'

WETLAND AREA "B"

LINE NO.	BEARING	DISTANCE
L124	S87°12'27"W	22.42'
L125	N89°56'12"W	54.38'
L126	N28°11'20"W	38.68'
L127	N54°27'33"W	45.67'
L128	S37°34'28"W	41.58'
L129	S62°46'02"W	53.65'
L130	S68°42'55"W	38.91'
L131	S59°46'13"W	34.05'
L132	S81°49'26"W	93.41'
L133	S41°55'50"W	57.72'
L134	S28°19'27"W	33.26'
L135	S86°34'31"W	52.79'
L136	S37°47'33"W	47.00'
L137	S11°05'22"W	38.35'
L138	S34°49'41"W	32.93'
L139	S66°28'24"W	51.98'
L140	S63°57'46"W	37.48'
L141	N38°45'40"W	76.68'
L142	S86°34'34"W	40.62'
L143	S40°13'23"W	49.07'
L144	S42°55'51"E	43.45'
L145	S44°33'29"E	66.48'
L146	S50°16'01"E	58.74'
L147	S06°58'27"W	48.07'
L148	S01°53'01"W	52.70'
L149	S63°42'20"E	91.62'
L150	S74°47'06"E	45.73'
L151	S66°51'14"E	41.08'
L152	S26°34'52"E	40.91'
L153	N80°55'19"E	52.25'
L154	S89°48'38"E	69.25'
L155	N82°01'14"E	71.96'
L156	N86°43'01"E	77.41'
L157	N67°14'46"E	101.61'
L158	S04°48'04"E	38.18'
L159	S81°48'42"E	33.68'
L160	S79°21'45"E	36.63'
L161	S83°12'57"E	39.01'
L162	S73°01'15"E	21.09'
L163	N74°24'21"E	29.69'
L164	N03°01'19"E	68.25'
L165	N02°04'59"W	59.00'
L166	N07°29'07"W	91.52'
L167	N09°26'32"E	98.38'
L168	N10°30'49"W	77.29'
L169	N04°31'13"E	82.11'
L170	N00°30'30"E	79.91'
L171	S87°12'27"W	71.72'
L172	N64°30'56"E	11.11'
L173	N62°46'50"E	71.78'
L174	N68°11'25"E	11.05'
L175	N05°59'46"E	5.53'
L176	N25°04'40"W	7.92'
L177	S62°50'23"W	8.17'
L178	S60°43'47"W	79.02'
L179	S62°17'22"W	27.91'

WETLAND AREA "C"

LINE NO.	BEARING	DISTANCE
L180	N57°12'23"E	30.99'
L181	N27°15'48"E	55.31'
L182	N64°21'44"E	69.73'
L183	N61°51'21"E	83.93'
L184	N64°48'19"E	57.32'
L185	N39°21'12"E	60.70'
L186	S70°29'10"E	50.03'
L187	S72°02'33"E	30.44'
L188	S19°48'50"E	30.84'
L189	S46°26'23"E	29.82'
L190	S37°32'14"E	44.53'
L191	S04°37'04"E	46.19'
L192	S31°33'45"E	25.29'
L193	S17°04'40"W	29.82'
L194	S17°26'14"W	35.01'
L195	S09°05'46"W	47.53'
L196	S01°26'07"W	32.75'
L197	S07°43'21"E	30.79'
L198	S04°22'43"W	28.86'
L199	S53°34'22"W	36.86'
L200	S45°30'35"W	37.01'
L201	S37°10'58"W	34.52'
L202	S37°18'37"W	49.45'
L203	S02°21'08"W	41.73'
L204	S07°09'21"W	60.32'
L205	N62°56'08"W	17.18'
L206	N11°45'06"E	49.98'
L207	N00°47'57"E	61.61'
L208	N02°04'01"E	43.40'
L209	S65°59'34"W	34.85'
L210	N86°19'34"W	43.71'
L211	N54°09'33"W	38.31'
L212	S75°46'28"W	25.66'
L213	S54°15'27"W	22.42'
L214	N56°29'09"W	39.22'
L215	N38°28'58"W	141.92'
L216	N37°33'35"W	109.40'
L217	N72°46'55"E	44.33'
L346	N40°30'46"W	185.41'
L347	N51°29'48"E	8.06'
L348	S40°33'45"E	148.80'
L349	S40°33'45"E	39.87'

WETLAND AREA "D"

LINE NO.	BEARING	DISTANCE
L218	N76°53'55"E	32.57'
L219	S43°17'02"E	34.75'
L220	S37°56'02"E	36.81'
L221	N72°45'54"E	36.89'
L222	S22°51'45"E	37.49'
L223	S83°49'40"E	42.49'
L224	S46°59'59"E	39.49'
L225	S44°41'47"E	35.97'
L226	S37°39'45"E	63.95'
L227	S38°37'12"W	34.16'
L228	S02°55'36"W	41.99'
L229	S66°47'10"W	27.82'
L230	S62°30'20"W	41.50'
L231	S40°32'26"W	40.32'
L232	N87°52'50"W	53.89'
L233	S69°50'57"W	56.81'
L234	N66°45'24"W	91.36'
L235	N01°48'23"W	38.94'
L236	N83°13'30"W	15.19'
L237	S02°29'22"E	69.48'
L238	S71°20'00"W	9.59'
L239	N03°05'32"W	100.57'
L240	N02°12'19"W	106.53'
L241	N00°27'40"W	87.86'
L242	N01°02'22"W	106.11'
L243	N00°39'31"W	171.48'
L244	S72°22'20"E	5.63'
L245	S03°13'34"E	49.09'
L246	S01°08'56"E	80.00'
L247	S02°09'34"E	98.60'
L248	S02°12'43"E	48.55'
L249	NOT USED	
L300	N73°18'31E	31.27'
L301	N60°37'52"E	35.51'

WETLAND AREA "E"

LINE NO.	BEARING	DISTANCE
L250	N86°01'57"W	78.57'
L251	N79°32'18"W	35.54'
L252	N16°34'52"W	36.89'
L253	N88°26'43"W	16.02'
L254	N05°16'22"W	26.06'
L255	S72°50'41"E	35.82'
L256	S03°05'44"E	46.82'
L257	S81°48'10"E	45.74'
L258	S85°37'22"E	60.61'
L259	S02°09'23"W	5.17'

WETLAND AREA "F"

LINE NO.	BEARING	DISTANCE
L260	S64°41'42"W	23.55'
L261	N67°59'28"W	53.48'
L262	N18°05'13"E	58.06'
L263	N11°30'01"E	41.73'
L264	S49°39'26"E	44.05'
L265	N76°06'43"E	40.28'
L266	S03°40'42"E	49.94'
L267	S17°40'04"W	38.88'
L268	S89°01'50"W	19.55'

WETLAND AREA "G"

LINE NO.	BEARING	DISTANCE
L269	N54°06'11"W	33.77'
L270	S29°21'06"W	29.65'
L271	S30°46'07"E	45.26'
L272	S09°51'10"W	37.25'
L273	N73°47'39"E	16.00'
L274	N00°54'02"W	36.66'
L275	N26°15'28"E	20.72'
L276	N03°00'56"E	21.96'

WETLAND AREA "H"

LINE NO.	BEARING	DISTANCE
L277	S71°01'12"E	9.04'
L278	N03°01'53"E	82.31'
L279	N00°19'26"W	90.18'
L280	N00°15'30"W	124.11'
L281	N00°56'59"E	38.20'
L282	S83°57'45"W	11.97'
L283	S02°39'47"E	34.95'
L284	S01°20'42"W	120.81'
L285	S01°07'09"W	96.94'
L286	S01°51'57"E	77.90'

WETLAND AREA "I"

LINE NO.	BEARING	DISTANCE
L286	S01°51'57"E	77.90'
L287	S87°37'50"E	6.72'
L288	N26°05'25"E	69.86'
L289	S87°15'05"W	18.26'
L290	N00°14'52"E	105.34'
L291	N06°56'37"E	71.51'
L292	N83°52'00"W	6.38'
L293	S06°49'49"W	71.71'
L294	S05°38'44"W	102.57'
L295	S02°55'47"W	65.40'

WETLAND AREA "J"

LINE NO.	BEARING	DISTANCE
L296	S57°36'06"E	27.36'
L297	S02°02'08"W	67.60'
L298	N83°47'00"W	24.74'
L299	N02°48'02"E	79.63'

WETLAND DITCHES

LINE NO.	BEARING	DISTANCE
L302	S88°47'17"W	131.90'
L303	S87°57'24"W	234.84'
L304	S89°06'55"W	233.83'
L305	S88°20'31"W	145.40'
L306	S89°19'04"W	233.52'
L307	S88°28'25"W	151.01'
L308	S03°23'20"E	12.10'
L309	N88°42'08"E	151.88'
L310	N89°38'04"E	233.47'
L311	N88°13'01"E	144.13'
L312	N88°30'01"E	228.24'
L313	N88°24'10"E	240.89'
L314	N89°50'28"E	134.29'
L315	N85°53'16"E	115.88'
L316	N86°12'51"E	9.14'
L317	N49°26'39"E	6.52'
L318	N34°35'51"W	5.57'
L319	N82°45'03"W	11.75'
L320	S88°08'19"W	117.99'
L321	S88°27'32"W	0.07'
L322	N02°36'40"W	10.59'
L323	S87°50'56"W	247.23'
L324	S88°16'23"W	204.28'
L325	S88°45'38"W	285.55'
L326	S88°30'56"W	311.84'
L327	S88°19'37"W	320.87'
L328	S02°16'29"W	8.12'
L329	N88°23'53"E	321.69'
L330	N88°48'45"E	310.43'
L331	N88°01'36"E	284.07'
L332	N88°30'59"E	206.12'
L333	N88°36'14"E	248.19'

ABBREVIATIONS:

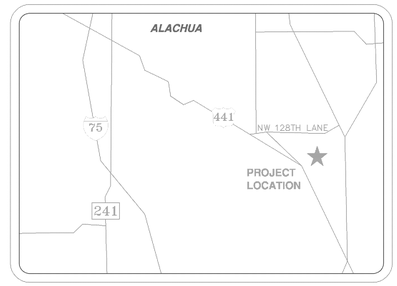
SIRC – SET IRON ROD AND CAP
FCM – FOUND CONCRETE MONUMENT
WLF – WETLAND FLAG
LB – LICENSED BUSINESS
RLS – REGISTERED LAND SURVEYOR
FIRC – FOUND IRON ROD AND CAP
F.D.O.T. – FLORIDA DEPARTMENT OF TRANSPORTATION
(F) – FIELD MEASUREMENT
CCR – CERTIFIED CORNER RECORD
℄/L – CENTER LINE
RCP – REINFORCED CONCRETE PIPE
PVC – POLYVINYL CHLORIDE PIPE
CMP – CORRUGATED METAL PIPE
TCP – TERRA COTTA PIPE
HDPE– HIGH DENSITY POLYETHYLENE PIPE
DIP – DUCTILE IRON PIPE
W/ – WITH
F.O.C. – FIBER OPTIC CABLE
TRAV – TRAVERSE
IRC– IRON ROD AND CAP
INV – INVERT
NLD – NAIL AND DISC
ELEV – ELEVATION
GFY – GEORGE F YOUNG
L – LENGTH
R – RADIUS
Δ – DELTA ANGLE
SRD – STATE ROAD
R/W – RIGHT OF WAY
FIR – FOUND IRON ROD

LEGEND:

OE OE OE — OVERHEAD UTILITY LINE
BE BE BE — BURIED ELECTRIC LINE
BT BT BT — BURIED TELEPHONE LINE
W W W — BURIED WATER LINE
GAS GAS GAS GAS — BURIED GAS LINE
SS SS SS — SANITARY SEWER PIPE (SIZE & TYPE NOTED)
DRAINAGE PIPE (SIZE & TYPE NOTED)
SIGN
POWER POLE
EH ELECTRIC HANDHOLE
℄ CENTERLINE
L138 LINE TABLE DIMENSION

KEY MAP

300' 150' 0 300' 600'
SCALE: 1" = 300'



LOCATION MAP
(NOT TO SCALE)

SURVEYOR'S NOTES:

1. THE BEARINGS SHOWN HEREON ARE BASED ON THE NORTH LINE OF SECTION 27, TOWNSHIP 8 SOUTH, RANGE 19 EAST, BEING N 88°39'59" E, ESTABLISHED FROM FIELD TIES TO NATIONAL GEODETIC SURVEY (NGS) CONTROL STATIONS A 143, A 145, AND A 117, NORTH AMERICAN DATUM OF 1983, 2007 ADJUSTMENT (NAD 83, 2007). NGS CONTROL STATIONS DESCRIBED AS FOLLOWS:
   a. A 143: TO REACH THE STATION FROM THE POST OFFICE IN LINKWOOD, GO SOUTHEAST ON U.S. SALEM ROAD FOR 0.85 KM (0.55 MI) TO A SIDE ROAD RIGHT. TURN RIGHT AND GO SOUTH ON RAVENWOOD ROAD FOR 1.90 KM (1.20 MI) TO A SIDE ROAD LEFT. TURN LEFT AND GO EAST ON A DIRT DRIVEWAY FOR 0.42 KM (0.25 MI) TO THE MARK ON THE LEFT. THE MARK IS A CGS TRIANGULATION DISK SET IN THE TOP OF A 0.3 M (1.0 FT) SQUARE CONCRETE POST PROJECTING 0.13 M (0.4 FT) ABOVE THE GROUND. THE STATION IS LOCATED 15.7 M (51.5 FT) SOUTHWEST FROM THE SOUTHWEST EDGE OF A CULTIVATED FIELD, 8.1 M (26.6 FT) SOUTH–SOUTHEAST FROM A 0.25 M(0.8 FT) CHERRY TREE, 7.7 M (25.3 FT) NORTHEAST FROM THE NORTHEAST CORNER OF A TWO STORY HOUSE AND 7.0 M (23.0 FT) NORTH FROM THE NORTH CORNER OF A BLOCK BUILDING.
   b. A 145: TO REACH THE STATION FROM THE INTERSECTION OF U.S 441 AND ACR 237 IN HAGUE, GO NORTH FOR 0.2 KM (0.1 MI) ON ACR 237 TO ACR 25A, TURN RIGHT AND GO EAST FOR 0.3 KM (0.2 MI) ON ACR 25A TO NW 31, TURN LEFT AND GO NORTHEAST FOR 0.8 KM (0.5 MI) ON NW 31 TO A PAVED ROAD AT THE ENTRANCE TO THE UNIVERSITY OF FLORIDA DAIRY RESEARCH FARM, CONTINUE STRAIGHT AHEAD AND NORTHEAST FOR 1.1 KM (0.7 MI) ON NW 31 TO THE STATION ON THE LEFT. THE STATION IS WEST 11.3 METERS (37 FT) OF CENTERLINE, EAST 0.9 METERS (3 FT) OF A FENCE, AND EAST 6.4 METERS (21 FT) OF A POWER POLE.
   c. A 117: TO REACH THE STATION FROM THE INTERSECTION OF U.S. 441 AND SR 121, GO NORTH FOR 5 KM (3.1 MI) ON SR 121 TO THE JUNCTION WITH ACR 231, GO NORTH FOR 3.4 KM (2.1 MI) ON ACR 231 TO THE INTERSECTION WITH NW 24 (A GRADED ROAD). GO WEST FOR 1 KM (0.6 MI) ON NW 24 TO THE STATION ON THE SOUTH SIDE OF THE ROAD AND NORTH OF A 1–STORY BRICK RESIDENCE. THE MARK IS WEST 53.6 METERS (176 FT) FROM A 12 IN LIVE OAK ON THE SOUTH OF NW 24, NORTHWEST 37.3 METERS (10.4 FT) FROM WESTERN 5 IN PINE OF A PAIR, EAST 37.3 METERS (122.5 FT) FROM A FENCE CORNER SOUTH OF NW 24, SOUTH 12.8 METERS (42 FT) FROM THE WEST END OF A 12 IN PVC CULVERT PIPE ON THE NORTH R/W OF NW 24.
2. INFORMATION FROM THE FOLLOWING SOURCES WAS USED IN PREPERATION OF THIS SURVEY:
   a. FLORIDA DEPARTMENT OF ENVIORNMENTAL PROTECTION LAND BOUNDARY INFORMATION SYSTEMS (LABINS) WEBSITE.
   b. NATIONAL GEODETIC SURVEY
   c. DRAFT OF TITLE INSURANCE COMMITMENT PROVIDED BY OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, TO BE ISSUED THROUGH ATTORNEY'S TITLE FUND SERVICES, LLC.
   d. RECORDED DOCUMENTS OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA.
   e. SURVEYS AND MAPS PROVIDED BY GAINESVILLE REGIONAL UTILITIES (GRU).
   f. FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT–OF–WAY MAPS FOR STATE ROAD 25, US 441.
3. UNLESS OTHERWISE NOTED, ALL DIMENSIONS SHOWN HEREON ARE IN U.S. SURVEY FEET AND ARE BASED ON FIELD (SURVEY) MEASUREMENTS.
4. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), DERIVED FROM THE ORIGIN BENCHMARKS H 51 AND 175 H 1 DESCRIBED AS FOLLOWS:
   a. H 51: 2.2 MILES SOUTHEAST ALONG THE ATLANTIC COAST LINE RAILROAD FROM THE STATION AT HAGUE, 100 YARDS EAST OF A FARMHOUSE, 59.5 FT. SOUTHWEST OF MILEPOST RB 732, 42 FT. SOUTHWEST OF THE SOUTHWEST RAIL, 49.5 FT. NORTHEAST OF THE CENTER LINE OF THE OLD HIGHWAY, 0.5 FT. NORTHEAST OF A STEEL WITNESS POST, SET IN THE TOP OF A CONCRETE POST. ELEVATION 143.75 FEET.
   b. 175 H 1: ABOUT 1.3 MILES SOUTHEAST ALONG U.S. ROUTE 441 AND 41 FROM THE INTERSECTION OF STATE ROUTE 237 AND U.S. 441 AND 41 AT HAGUE, IN MEDIAN OF U.S. 441 AND 41. 36 FEET WEST OF CENTERLINE OF U.S. 441 AND 41 NORTHBOUND LANE, 44.4 FEET EAST OF U.S. 441 AND 41 SOUTHBOUND LANE AND 117 FEET SOUTH OF A METAL POST WITH S–25A RIGHT LANE SIGN. A BRASS DISK SET IN SOUTHEAST CORNER OF CONCRETE HEADWALL FOR DROP INLET IN MEDIAN OF U.S. 441 AND 41, SECTION 27, T 8 S, R 19 E. ELEVATION 174.67 FEET.
5. SITE BENCHMARKS ARE AS SHOWN.
6. THE UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON FIELD LOCATIONS OF THE UTILITIES MARKED BY THEIR RESPECTIVE OWNERS.
7. THIS SURVEY IS NOT VAILD WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. ADDITIONS AND/OR DELETIONS TO THIS SURVEY BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.

DESCRIPTION: INGRESS, EGRESS AND ACCESS EASEMENT

A PARCEL OF LAND LYING IN SECTION 27, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SECTION 27, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA; THENCE S 01°42'15" E, ALONG THE WEST LINE OF SAID SECTION 27, A DISTANCE OF 50.00 FEET, TO A CONCRETE MONUMENT FOUND STAMPED "GFY LB0231" MARKING THE INTERSECTION WITH THE SOUTHERLY MAINTAINED RIGHT–OF–WAY LINE OF NW 128TH LANE; THENCE RUN N 88°04'12" E, ALONG SAID SOUTHERLY MAINTAINED RIGHT–OF–WAY LINE, A DISTANCE OF 1799.45 FEET TO THE INTERSECTION WITH THE NORTHERLY EXTENSION OF THE EAST LINE OF LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 883, PAGE 502; THENCE S 01°45'52" E, ALONG SAID EAST LINE AND NORTHERLY AND SOUTHERLY EXTENSIONS THEREOF, A DISTANCE OF 3208.64 FEET TO A CONCRETE MONUMENT FOUND STAMPED "RLS 5091", MARKING THE INTERSECTION WITH THE NORTHEASTERLY RIGHT–OF–WAY LINE OF A 120.0 FOOT WIDE CSX RAILROAD RIGHT–OF–WAY; THENCE S 39°18'09" E ALONG SAID NORTHEASTERLY RIGHT–OF–WAY LINE, A DISTANCE OF 1229.34 FEET FOR A POINT OF BEGINNING; THENCE, CONTINUE S 39°18'09" E ALONG SAID RIGHT–OF–WAY LINE, A DISTANCE OF 120.00 FEET TO A POINT ON A CURVE WHOSE RADIUS POINT LIES N 39°18'09" W, A DISTANCE OF 161.11 FEET; THENCE RUN NORTHERLY ALONG THE ARC OF SAID CURVE, THROUGH A CENTRAL ANGLE OF 51°03'17", A DISTANCE OF 143.56 FEET TO THE PT OF SAID CURVE, THENCE N 00°21'26" W, A DISTANCE OF 112.06 FEET TO THE INTERSECTION WITH THE SOUTH BOUNDARY LINE OF THE GAINESVILLE RENEWABLE ENERGY CENTER; THENCE S 87°48'31" W ALONG SAID BOUNDARY LINE, A DISTANCE OF 120.06 FEET; THENCE S 00°21'26" E, A DISTANCE OF 108.22 FEET TO THE PC OF A CURVE CONCAVE TO THE NORTHWEST, HAVING A RADIUS OF 41.11 FEET; THENCE RUN SOUTHERLY ALONG THE ARC OF SAID CURVE, THOROUGH A CENTRAL ANGLE OF 51°03'17", A DISTANCE OF 36.63 FEET TO THE PT OF SAID CURVE AND THE POINT OF BEGINNING; BEING AND LYING IN SECTION 27, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA.

DESCRIPTION: LEASE BOUNDARY OF GAINESVILLE RENEWABLE ENERGY CENTER

A PARCEL OF LAND IN SECTION 27, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA, LYING NORTH AND EAST OF THE CSX RAILROAD RIGHT–OF–WAY, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SECTION 27, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA; THENCE S 01°42'15" E, ALONG THE WEST LINE OF SAID SECTION 27, A DISTANCE OF 50.00 FEET, TO A CONCRETE MONUMENT FOUND STAMPED "GFY LB0231" MARKING THE INTERSECTION WITH THE SOUTHERLY MAINTAINED RIGHT–OF–WAY LINE OF NW 128TH LANE; THENCE RUN N 88°04'12" E, ALONG SAID SOUTHERLY MAINTAINED RIGHT–OF–WAY LINE, A DISTANCE OF 1799.45 FEET TO THE INTERSECTION WITH THE NORTHERLY EXTENSION OF THE EAST LINE OF THAT CERTAIN PARCEL OF LAND AS DESCRIBED AND RECORDED IN OFFICIAL RECORDS BOOK 883, PAGE 502, PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA, FOR A POINT OF BEGINNING: THENCE CONTINUE N 88°04'12" E, ALONG SAID SOUTHERLY MAINTAINED RIGHT–OF–WAY LINE, A DISTANCE OF 2570.49 FEET; THENCE S 01°21'26" E, A DISTANCE OF 469.34 FEET; THENCE S 43°38'34" W, A DISTANCE OF 109.95 FEET; THENCE S 01°21'26" E, A DISTANCE OF 657.92 FEET; THENCE S 46°21'26" E, A DISTANCE OF 109.95 FEET; THENCE S 01°21'26" E, A DISTANCE OF 194.37 FEET; THENCE N 88°38'34" W, A DISTANCE OF 1532.22 FEET; THENCE S 01°21'26" E, A DISTANCE OF 946.22 FEET; THENCE S 02°38'34" W, A DISTANCE OF 613.09 FEET; THENCE S 15°38'34" W, A DISTANCE OF 221.07 FEET; THENCE S 00°21'26" E, A DISTANCE OF 815.82 FEET; THENCE S 87°48'31" W, A DISTANCE OF 120.06 FEET, TO A POINT LYING 100.0 FEET NORTHEASTERLY, AS MEASURED PERPENDICULAR, FROM THE NORTHEASTERLY RIGHT–OF–WAY LINE OF THE CSX RAILROAD RIGHT–OF–WAY; THENCE N 39°18'09" W, PARALLEL WITH SAID NORTHEASTERLY RAILROAD RIGHT–OF–WAY LINE AND 100.0 FEET NORTHEASTERLY THEREFROM, A DISTANCE OF 796.96 FEET; THENCE N 50°41'51" E, A DISTANCE OF 444.00 FEET; THENCE N 39°18'09" W, A DISTANCE OF 300.00 FEET; THENCE S 50°41'51" W, A DISTANCE OF 444.00 FEET; THENCE N 39°18'09" W, PARALLEL WITH SAID NORTHEASTERLY RAILROAD RIGHT–OF–WAY LINE AND 100.0 FEET NORTHEASTERLY THEREFROM, A DISTANCE OF 163.09 FEET TO THE INTERSECTION WITH THE SOUTHERLY EXTENSION OF AFORESAID EAST LINE OF THAT CERTAIN PARCEL OF LAND AS DESCRIBED AND RECORDED IN OFFICIAL RECORDS BOOK 883, PAGE 502, PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA; THENCE N 01°45'52" W, ALONG SAID EAST BOUNDARY AND THE SOUTHERLY AND NORTHERLY EXTENSIONS THEREOF, A DISTANCE OF 3044.51 FEET TO THE POINT OF BEGINNING; BEING AND LYING IN SECTION 27, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY , FLORIDA.

CONTAINING 130.78 ACRES, MORE OR LESS.

W. LANIER MATHEWS, II
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA CERTIFICATE NUMBER 4783
FOR THE FIRM GGI, LLC dba GENESIS GROUP (LB6816)

DATE

NO.	DATE	REVISIONS
1	11/03/09	ADDITIONAL TOPOGRAPHIC INFORMATION: US441, ALACHUA CO.
		PUBLIC WORKS WEST OF SITE, ADDITIONAL CROSS SECTIONS ON
		128TH LANE, CONSTRUCTION LAYDOWN AREA EAST OF SITE, UTILITY
		CORRIDOR EAST OF SITE, GUARD HOUSE AREA. ADD SITE
		BENCHMARKS.

GENESIS GROUP
FROM VISION TO REALITY
FL LC 26000202, FL LB 0006816, FL CA 00009660

GGI, LLC dba GENESIS GROUP
2507 CALLAWAY ROAD, SUITE 100
TALLAHASSEE, FLORIDA 32303
(850) 224-4400 (850) 681-3600 FAX

SURVEY DATE:	
DRAWN BY:	J.L.E., S.A.Y.
CHECKED BY:	W.L.M.
SCALE:	1:300

PREPARED FOR:
AMERICAN RENEWABLES
75 ARLINGTON STREET, SUITE 704
BOSTON, MA 02166

PROJECT NAME: **GAINESVILLE RENEWABLE ENERGY CENTER GAINESVILLE, FL**

SHEET TITLE: **BOUNDARY AND TOPOGRAPHIC SURVEY**

PROJECT NUMBER:	8527-001
DRAWING DATE:	09/11/09
SHEET NUMBER:	1 OF 8

POINT OF COMMENCEMENT
NORTHWEST CORNER OF SECTION 27-8-19
F.C.M. 4" X 4" X-CUT
CCR #063547 & #0037207

F.C.M. 4" X 4" GFY LB #021
F.I.R.C. 5/8"
F.D.O.T. 8.75' N. 0.85' E.

S88°04'12"W 1559.14'(GFY SURVEY)
S88°04'12"W 1558.41'(F)

N88°04'12"E 968.36'(GFY SURVEY)
N88°04'14"E 969.05'(F)

F.C.M. 4" X 4" GFY LB #021
F.I.R.C. 5/8" F.D.O.T. 1.75' N. 0.63' E.

S01°20'01"E 26.35'

N88°39'59"W 5559.85'

NORTH LINE OF SECTION 27-8-19

F.I.R.C. 5/8" ILLEGIBLE

N88°04'12"E 2832.53'(GFY SURVEY)
N88°04'12"E 2832.26'(F)

F.I.R.C. 1/2" G.F.Y. LB #021

NW 128TH LANE

45.9'

8.54'

S.I.R.C. 5/8" LB #6816

N88°24'31"E 989.96'

NORTHEAST CORNER OF SECTION 27-8-19
F.C.M. 4" X 4"
CCR #063545 & 077501

MONITOR WELL "R6T1"
MONITOR WELL-NOT IN USE

6' CHAINLINK FENCE

S01°42'15"E 50.00'

N88°04'12"E 1799.36'

F.C.M. 4" X 4" GFY LB #021

19.2'

0.1'

POINT OF BEGINNING
LEASE BOUNDARY
S.I.R.C. 5/8" LB #6816

F.C.M. 4" X 4" RLS #509
F.C.M. 4" X 4" LB #6185

N88°04'12"E 615.52'

S01°55'48"E 51.69'

S88°04'12"W 1288.09'

N88°04'12"E 2570.49'

6' CHAINLINK FENCE 0.37 ACRES ±

WETLAND DITCH

WETLAND AREA "J"
0.04 ACRES ±

S01°55'48"E 139.59'

DIRT AND GRASS TRAIL-WIDTH VARIES

S01°21'26"E 469.34'

S88°38'34"W 129.90'

WETLAND AREA "E"
0.04 ACRES ±

S.I.R.C. 5/8" LB #6816

DIRT AND GRASS ROAD-WIDTH VARIES

S43°38'34"W 109.95'

WEST LINE OF SECTION 27-8-19

S01°42'15"E 5324.66'

6' CHAINLINK FENCE (ON LINE ±)

N01°45'52"W 1522.72'

N01°45'52"W 304.51'

N01°45'52"W 1016.31'

N88°14'08"E 30.86'

WETLAND AREA "A"
10.87 ACRES ±

DIRT AND GRASS TRAIL-WIDTH VARIES

WETLAND DITCH
0.03 ACRES ±

DIRT AND GRASS TRAIL-WIDTH VARIES

DIRT AND GRASS TRAIL-WIDTH VARIES

DIRT AND GRASS TRAIL-WIDTH VARIES

DIRT AND GRASS TRAIL-WIDTH VARIES

DIRT AND GRASS TRAIL-WIDTH VARIES

DIRT AND GRASS TRAIL-WIDTH VARIES

MONITOR WELL

N88°38'34"E 210.25'

S01°21'26"E 657.92'

S01°52'52"E 5262.59'

WETLAND AREA "F"
0.18 ACRES ±

S88°38'34"W 462.15'

POND

LINE TABLE		
LINE NO.	BEARING	DISTANCE
L334	N01°21'26"W	55.01'
L338	N01°55'48"W	46.71'
L339	N01°55'48"W	47.08'
L340	N88°04'12"E	509.80'
L341	S88°38'34"W	10.00'
L342	N01°21'26"W	194.97'
L343	S88°14'08"W	6.86'
L344	N01°45'52"W	1522.72'
L345	S88°14'08"W	11.27'
L346	N01°45'52"W	177.57'
L347	S88°14'08"W	6.14'

WETLAND DITCH
0.03 ACRES ±

WETLAND AREA "A"
10.87 ACRES ±

WETLAND DITCH
0.27 ACRES ±

S88°38'34"W 1532.22'

S88°38'34"W 539.49'

S.I.R.C. 5/8" LB #6816

74.69'

ELECTRIC VAULT

PUMP STATION

WETLAND AREA "G"
0.05 ACRES ±

N01°21'26"E 95.90'

S01°21'26"E 194.37'

S46°21'26"E 109.95'

MONITOR WELL

WETLAND DITCH
0.02 ACRES ±

S01°38'34"E 946.72'

MONITOR WELL "R9T5"

WETLAND AREA "B"
7.81 ACRES ±

MONITOR WELL "R11T4"
MONITOR WELL-OLD

MONITOR WELL "R11T5"

SOUTHWEST CORNER OF SECTION 27-8-19
F.C.M. 4" X 4"
CCR #094077 & #004289

SOUTHEAST CORNER OF SECTION 27-8-19
F.C.M. 4" X 4"
CCR #0031445, #0019123 & #0031493

MATCHLINE
SEE SHEET 3 OF 8

100' 50' 0 100' 200'
SCALE: 1" = 100'

REVISIONS		
NO.	DATE	DESCRIPTION
1	11/03/09	ADDITIONAL TOPOGRAPHIC INFORMATION: US441, ALACHUA CO.
		PUBLIC WORKS WEST OF SITE, ADDITIONAL CROSS SECTIONS ON
		128TH LANE, CONSTRUCTION LAYDOWN AREA EAST OF SITE, UTILITY
		CORRIDOR EAST OF SITE, GUARD HOUSE AREA. ADD SITE
		BENCHMARKS.

GENESIS GROUP
FROM VISION TO REALITY
FL LC 26000202, FL LB 0006816, FL CA 00009660

GGI, LLC dba GENESIS GROUP
2507 CALLAWAY ROAD, SUITE 100
TALLAHASSEE, FLORIDA 32303
(850) 224-4400 (850) 681-3600 FAX

SURVEY DATE: 08/17/09
DRAWN BY: J.L.E., S.A.Y.
CHECKED BY: W.L.M.
SCALE: 1"=100'

PREPARED FOR:
AMERICAN RENEWABLES
75 ARLINGTON STREET, SUITE 704
BOSTON, MA 02166

PROJECT NAME:
GAINESVILLE RENEWABLE ENERGY CENTER
GAINESVILLE, FL

SHEET TITLE:
BOUNDARY AND TOPOGRAPHIC SURVEY

PROJECT NUMBER: 8527-001
DRAWING DATE: 09/11/09
SHEET NUMBER: 2 OF 8

100' 50' 0 100' 200'

SCALE: 1" = 100'

SEE SHEET 2 OF 8 MATCHLINE

SEE SHEET 4 OF 8 MATCHLINE

LINE TABLE		
LINE NO.	BEARING	DISTANCE
L334	N01°21'26"W	55.01'
L335	N01°55'48"W	46.71'
L336	N01°55'48"W	47.08'
L339	N89°04'12"E	503.80'
L340	S88°04'12"W	10.00'
L342	N01°21'26"W	194.92'
L343	S88°14'08"W	6.95'
L344	N01°45'52"W	1522.72'
L345	S88°14'08"W	11.27'
L346	N01°45'52"W	177.57'
L347	S88°14'08"W	6.14'

NO.	DATE	DESCRIPTION
		REVISIONS
1	11/03/09	ADDITIONAL TOPOGRAPHIC INFORMATION: US441, ALACHUA CO.
		PUBLIC WORKS WEST OF SITE, ADDITIONAL CROSS SECTIONS ON
		128TH LANE, CONSTRUCTION LAYDOWN AREA EAST OF SITE, UTILITY
		CORRIDOR EAST OF SITE, GUARD HOUSE AREA. ADD SITE
		BENCHMARKS.

GENESIS GROUP
FROM VISION TO REALITY
FL LC 26000202, FL LB 0006816, FL CA 00009660

GGI, LLC dba GENESIS GROUP
2507 CALLAWAY ROAD, SUITE 100
TALLAHASSEE, FLORIDA 32303
(850) 224-4400 (850) 681-3600 FAX

SURVEY DATE: 08/17/09
DRAWN BY: J.L.E., S.A.Y.
CHECKED BY: W.L.M.
SCALE: 1"=100'

PREPARED FOR:
AMERICAN RENEWABLES
75 ARLINGTON STREET, SUITE 704
BOSTON, MA 02166

PROJECT NAME:
GAINESVILLE RENEWABLE ENERGY CENTER
GAINESVILLE, FL

SHEET TITLE:
BOUNDARY AND TOPOGRAPHIC SURVEY

PROJECT NUMBER: 8527-001
DRAWING DATE: 09/11/09
SHEET NUMBER: 3 OF 8

NORTHERLY MAINTAINED RIGHT-OF-WAY LINE

50.00' WIDE RIGHT-OF-WAY BASED ON FOUND MONUMENTATION AND SURVEY BY GEORGE F. YOUNG, INC. SIGNED BY HAROLD L. WISE, DATED 12/12/2002

NORTH LINE OF SECTION 27-8-19

N88°39'59"E
5359.89'

NW 128TH LANE

NORTHERLY MAINTAINED RIGHT-OF-WAY LINE

SOUTHERLY MAINTAINED RIGHT-OF-WAY LINE

SOUTHERLY MAINTAINED RIGHT-OF-WAY LINE

WEST LINE OF SECTION 27-8-19

15" HDPE
E INV. = 175.25'
W INV. = 174.54'

DITCH - SWALE ℄
DITCH - TOP OF BANK

DIRT AND GRASS TRAIL-WIDTH VARIES

12" RCP W. INV. = 176.69'
12" RCP E. INV. = 176.56'

MONITOR WELL "R6T"
MONITOR WELL-NOT IN USE

6' CHAINLINK FENCE

DITCH - SWALE ℄
DITCH - TOP OF BANK

6' CHAINLINK FENCE

DITCH - TOP OF BANK

DIRT AND GRASS TRAIL-WIDTH VARIES

LIVE OAK 12"

LIVE OAK 10"

DITCH - TOP OF BANK
DITCH - SWALE ℄

LIVE OAK CLUSTER
10",9",8",8",6",6",4"

LIVE OAK 8"

DIRT AND GRASS TRAIL-WIDTH VARIES

LIVE OAK CLUSTER
11",10",9",9",8"

DIRT AND GRASS TRAIL-WIDTH VARIES

DIRT AND GRASS ROAD-WIDTH VARIES

DIRT AND GRASS TRAIL-WIDTH VARIES

DIRT AND GRASS TRAIL-WIDTH VARIES

DITCH - TOP OF BANK
DITCH - SWALE ℄

DIRT AND GRASS TRAIL-WIDTH VARIES

MONITOR WELL

DITCH - TOP OF BANK
DITCH - TOE OF SLOPE

POND

6' CHAINLINK FENCE
(ON LINE ±)

DITCH - TOP OF BANK
DITCH - SWALE ℄

DIRT AND GRASS TRAIL-WIDTH VARIES

DIRT AND GRASS TRAIL-WIDTH VARIES

DIRT AND GRASS TRAIL-WIDTH VARIES

LIVE OAK 5"

LIVE OAK 16"

LIVE OAK 13"

DITCH - TOE OF SLOPE
DITCH - TOP OF BANK

LONG LEAF PINE
10"

DIRT AND GRASS TRAIL-WIDTH VARIES

DITCH - TOP OF BANK
DITCH - TOE OF SLOPE

DIRT AND GRASS TRAIL-WIDTH VARIES

MATCHLINE
SEE SHEET 5 OF 8

SITE BENCHMARK 1
5/8" IRC "LB6816 TRAV"
ELEV = 181.49'

28.5'

ELECTRIC VAULT

PUMP STATION

DITCH - TOP OF BANK

DITCH - TOE OF SLOPE

18" HDPE
N INV. = 181.47'
S INV. = 182.25'

18" HDPE
N INV. = 181.52'
S INV. = 182.30'

DITCH - TOP OF BANK

MONITOR WELL "R11T4"
MONITOR WELL-OLD

MONITOR WELL "R11T5"

LIVE OAK 11"

LIVE OAK 10"

LIVE OAK 13"

LIVE OAK 11"

MONITOR WELL "R9T5"

DITCH - TOP OF BANK
DITCH - TOE OF SLOPE

MATCHLINE
SEE SHEET 5 OF 8

24" CMP
N INV. = 178.93'
S INV. = 178.39'

TOP OF BANK

TOE OF SLOPE

TOP OF BANK

100' 50' 0 100' 200'
SCALE: 1" = 100'

NO.	DATE	DESCRIPTION
		REVISIONS
1	11/03/09	ADDITIONAL TOPOGRAPHIC INFORMATION: US441, ALACHUA CO.
		PUBLIC WORKS WEST OF SITE, ADDITIONAL CROSS SECTIONS ON
		128TH LANE, CONSTRUCTION LAYDOWN AREA EAST OF SITE, UTILITY
		CORRIDOR EAST OF SITE, GUARD HOUSE AREA. ADD SITE
		BENCHMARKS.

GENESIS GROUP
FROM VISION TO REALITY
FL LC 26000202, FL LB 0006816, FL CA 00009660

GGI, LLC dba GENESIS GROUP
2507 CALLAWAY ROAD, SUITE 100
TALLAHASSEE, FLORIDA 32303
(850) 224-4400 (850) 681-3600 FAX

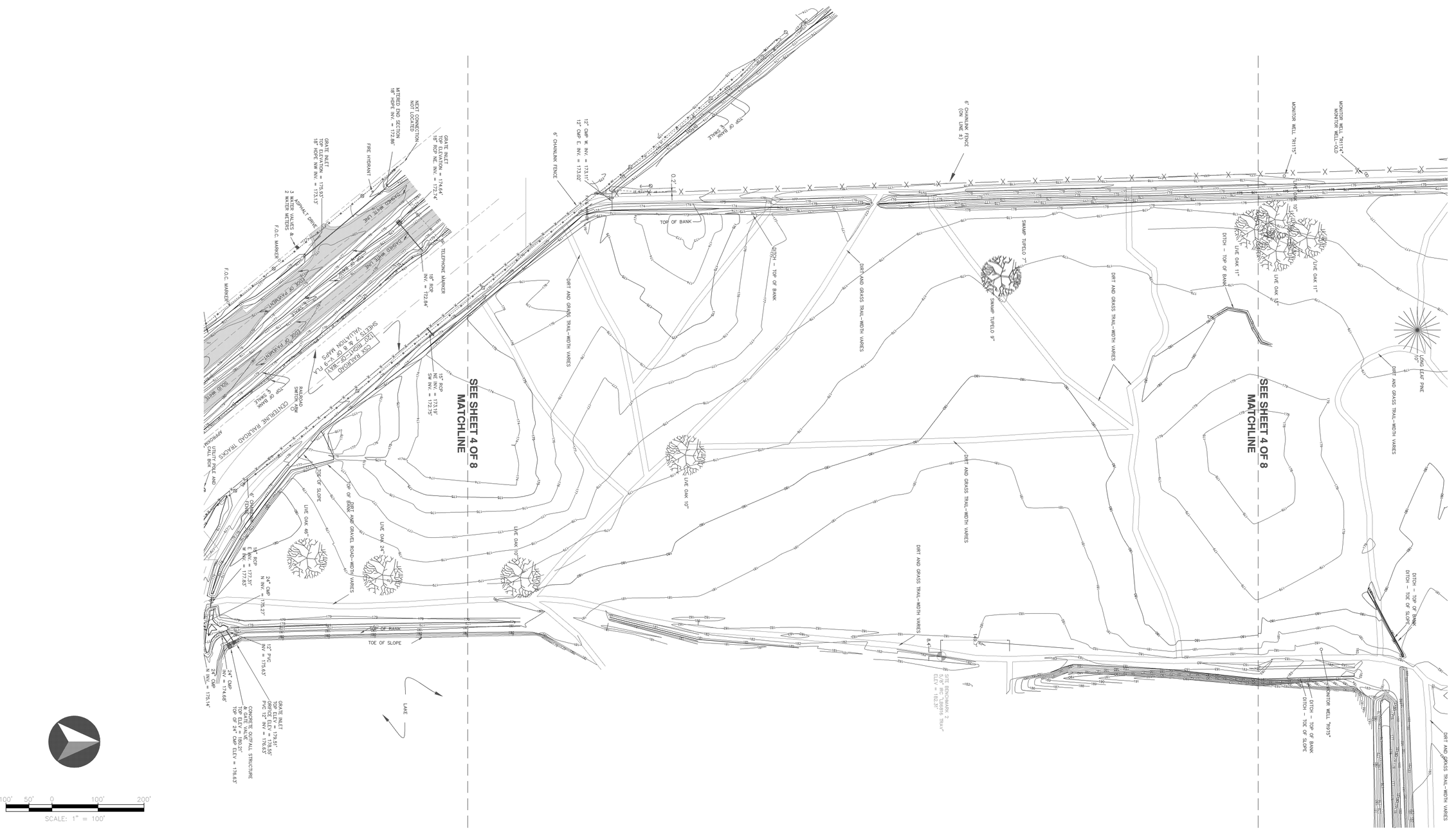
SURVEY DATE: 08/17/09
DRAWN BY: J.L.E., S.A.Y.
CHECKED BY: W.L.M.
SCALE: 1"=100'

PREPARED FOR:
AMERICAN RENEWABLES
75 ARLINGTON STREET, SUITE 704
BOSTON, MA 02166

PROJECT NAME:
GAINESVILLE RENEWABLE ENERGY CENTER
GAINESVILLE, FL

SHEET TITLE:
BOUNDARY AND TOPOGRAPHIC SURVEY

PROJECT NUMBER: 8527-001
DRAWING DATE: 09/11/09
SHEET NUMBER: 4 OF 8



NO:	DATE	DESCRIPTION REVISIONS
1	11/03/09	ADDITIONAL TOPOGRAPHIC INFORMATION: US441, ALACHUA CO.
		PUBLIC WORKS WEST OF SITE, ADDITIONAL CROSS SECTIONS ON
		128TH LANE, CONSTRUCTION LAYDOWN AREA EAST OF SITE, UTILITY
		CORRIDOR EAST OF SITE, GUARD HOUSE AREA. ADD SITE
		BENCHMARKS.

GENESIS GROUP
FROM VISION TO REALITY
FL LC 26000202, FL LB 0006816, FL CA 00009660

GGI, LLC dba GENESIS GROUP
2507 CALLAWAY ROAD, SUITE 100
TALLAHASSEE, FLORIDA 32303
(850) 224-4400 (850) 681-3600 FAX

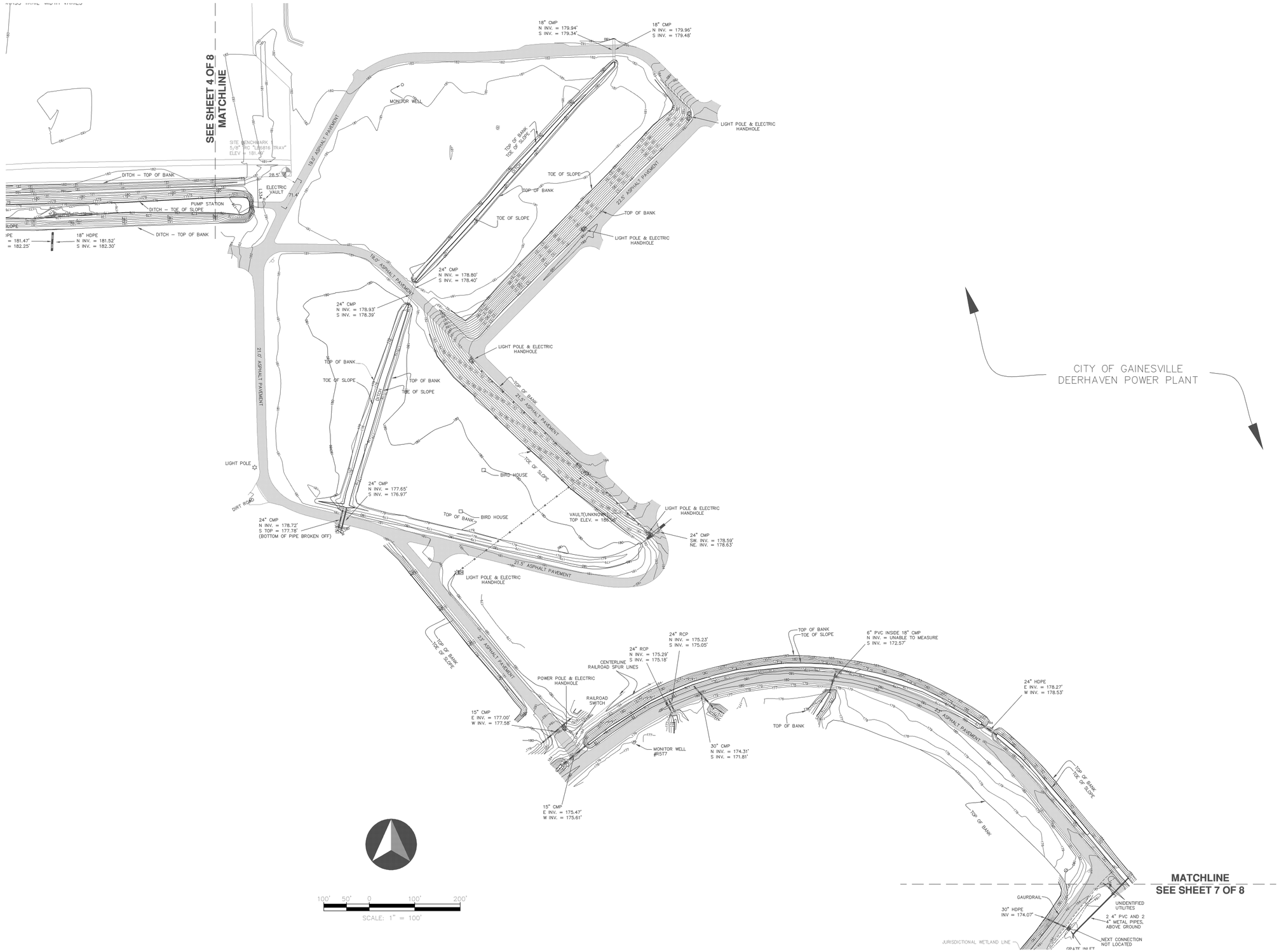
SURVEY DATE:	08/17/09
DRAWN BY:	J.L.E., S.A.Y.
CHECKED BY:	W.L.M.
SCALE:	1"=100'

PREPARED FOR:
AMERICAN RENEWABLES
75 ARLINGTON STREET, SUITE 704
BOSTON, MA 02166

PROJECT NAME:
GAINESVILLE RENEWABLE ENERGY CENTER GAINESVILLE, FL

SHEET TITLE:
BOUNDARY AND TOPOGRAPHIC SURVEY

PROJECT NUMBER:	8527-001
DRAWING DATE:	09/11/09
SHEET NUMBER:	5 OF 8



NO.	DATE	DESCRIPTION
		REVISIONS
1	11/03/09	ADDITIONAL TOPOGRAPHIC INFORMATION: US441, ALACHUA CO.
		PUBLIC WORKS WEST OF SITE, ADDITIONAL CROSS SECTIONS ON
		128TH LANE, CONSTRUCTION LAYDOWN AREA EAST OF SITE, UTILITY
		CORRIDOR EAST OF SITE, GUARD HOUSE AREA. ADD SITE
		BENCHMARKS.

GENESIS GROUP
FROM VISION TO REALITY
FL LC 26000202, FL LB 0006816, FL CA 00009660

GGI, LLC dba GENESIS GROUP
2507 CALLAWAY ROAD, SUITE 100
TALLAHASSEE, FLORIDA 32303
(850) 224-4400 (850) 681-3600 FAX

SURVEY DATE:	08/17/09
DRAWN BY:	J.L.E., S.A.Y.
CHECKED BY:	W.L.M.
SCALE:	1"=100'

PREPARED FOR:

AMERICAN RENEWABLES
75 ARLINGTON STREET, SUITE 704
BOSTON, MA 02166

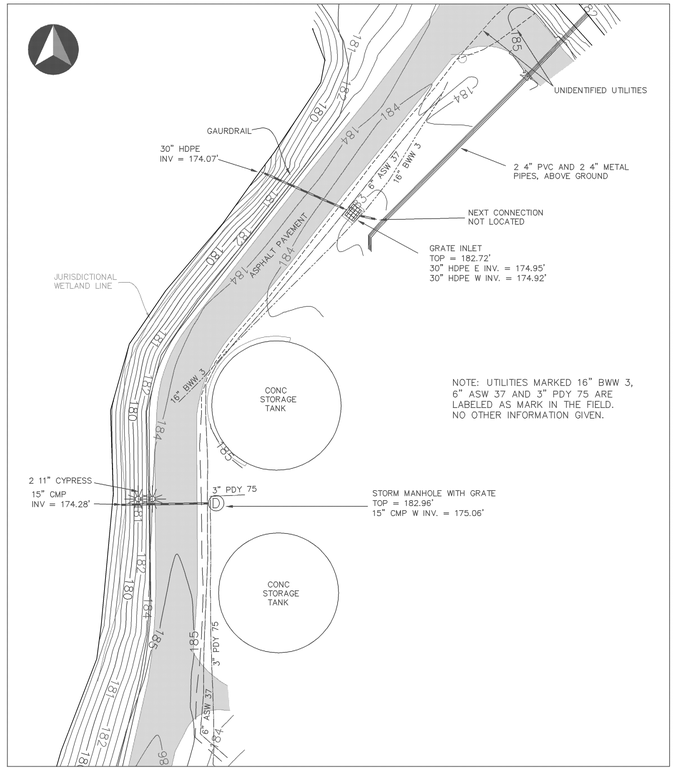
PROJECT NAME:

GAINESVILLE RENEWABLE ENERGY CENTER GAINESVILLE, FL

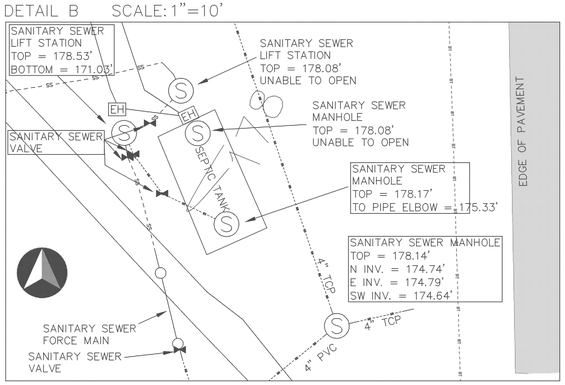
SHEET TITLE: **BOUNDARY AND TOPOGRAPHIC SURVEY**

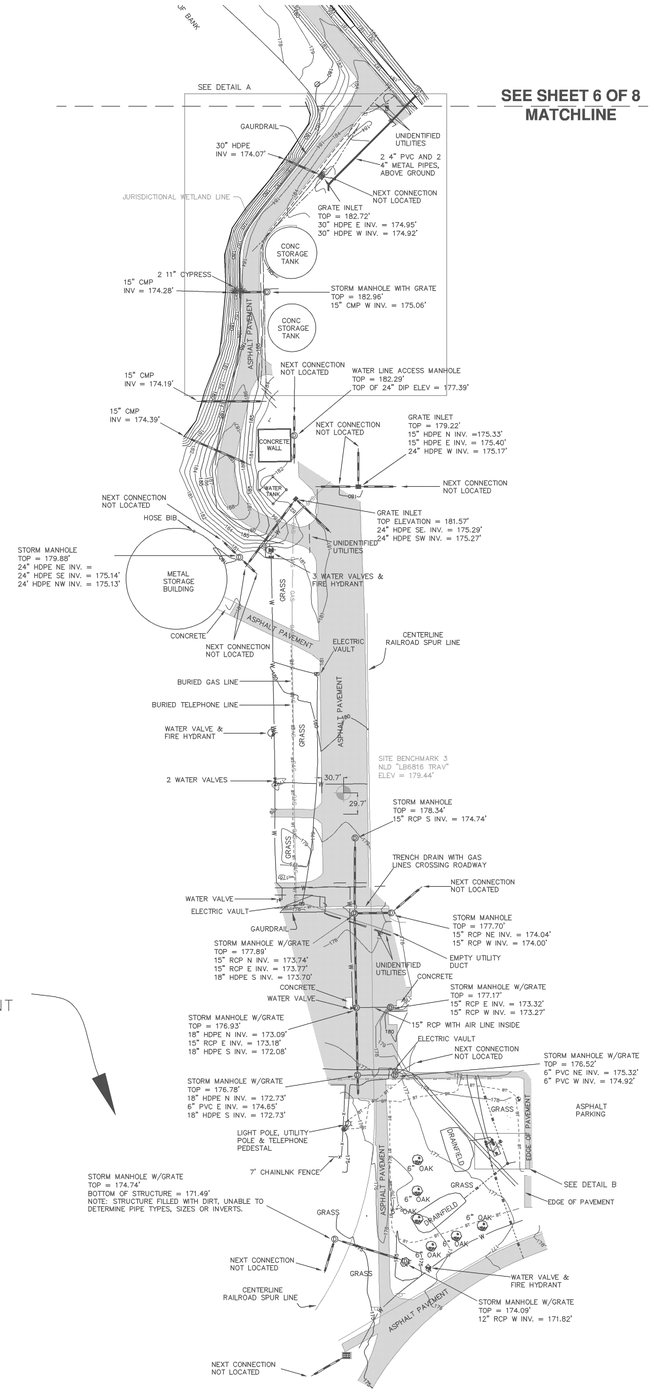
PROJECT NUMBER:	8527-001
DRAWING DATE:	09/11/09
SHEET NUMBER:	6 OF 8

DETAIL A SCALE: 1"=40'



DETAIL B SCALE: 1"=10'





SEE SHEET 6 OF 8
MATCHLINE

CITY OF GAINESVILLE
DEERHAVEN POWER PLANT

CITY OF GAINESVILLE
DEERHAVEN POWER PLANT

100' 50' 0 100' 200'
SCALE: 1" = 100'

NO.	DATE	DESCRIPTION
		REVISIONS
1	11/03/09	ADDITIONAL TOPOGRAPHIC INFORMATION: US441, ALACHUA CO.
		PUBLIC WORKS WEST OF SITE, ADDITIONAL CROSS SECTIONS ON
		128TH LANE, CONSTRUCTION LAYDOWN AREA EAST OF SITE, UTILITY
		CORRIDOR EAST OF SITE, GUARD HOUSE AREA. ADD SITE
		BENCHMARKS.

GENESIS GROUP
FROM VISION TO REALITY
FL LC 26000202, FL LB 0006816, FL CA 00009660

GGI, LLC dba GENESIS GROUP
2507 CALLAWAY ROAD, SUITE 100
TALLAHASSEE, FLORIDA 32303
(850) 224-4400 (850) 681-3600 FAX

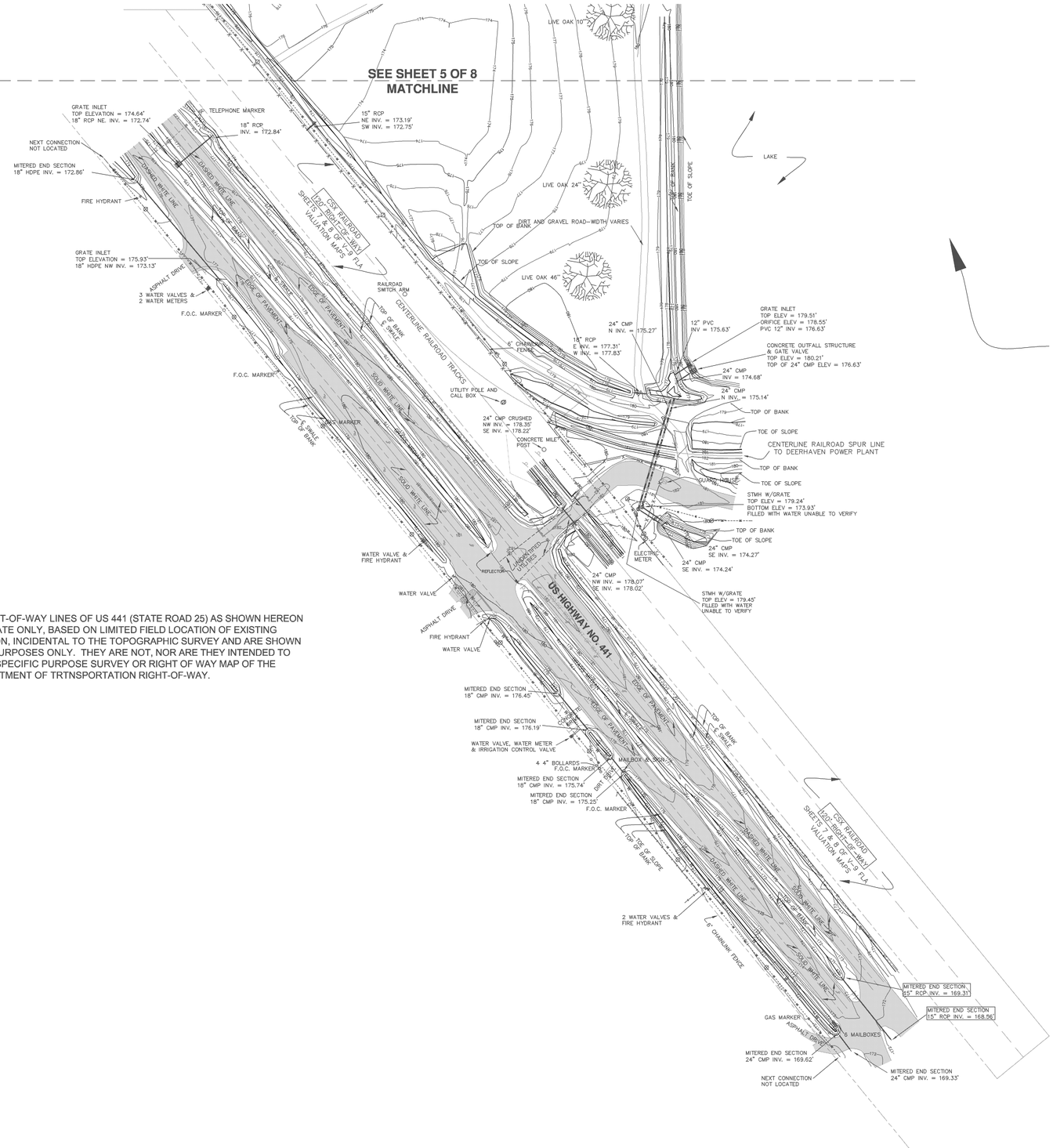
SURVEY DATE: 08/17/09
DRAWN BY: J.L.E., S.A.Y.
CHECKED BY: W.L.M.
SCALE: 1"=100'

PREPARED FOR:
AMERICAN RENEWABLES
75 ARLINGTON STREET, SUITE 704
BOSTON, MA 02166

PROJECT NAME:
GAINESVILLE RENEWABLE ENERGY CENTER GAINESVILLE, FL

SHEET TITLE:
BOUNDARY AND TOPOGRAPHIC SURVEY

PROJECT NUMBER: 8527-001
DRAWING DATE: 09/11/09
SHEET NUMBER: 7 OF 8



NOTE: THE RIGHT-OF-WAY LINES OF US 441 (STATE ROAD 25) AS SHOWN HEREON ARE APPROXIMATE ONLY, BASED ON LIMITED FIELD LOCATION OF EXISTING MONUMENTATION, INCIDENTAL TO THE TOPOGRAPHIC SURVEY AND ARE SHOWN FOR GRAPHIC PURPOSES ONLY. THEY ARE NOT, NOR ARE THEY INTENDED TO REPRESENT, A SPECIFIC PURPOSE SURVEY OR RIGHT OF WAY MAP OF THE FLORIDA DEPARTMENT OF TRTNSPORTATION RIGHT-OF-WAY.

100' 50' 0 100' 200'

SCALE: 1" = 100'

REVISIONS		
NO.	DATE	DESCRIPTION
1	11/03/09	ADDITIONAL TOPOGRAPHIC INFORMATION: US441, ALACHUA CO.
		PUBLIC WORKS WEST OF SITE, ADDITIONAL CROSS SECTIONS ON
		128TH LANE, CONSTRUCTION LAYDOWN AREA EAST OF SITE, UTILITY
		CORRIDOR EAST OF SITE, GUARD HOUSE AREA. ADD SITE
		BENCHMARKS.

GENESIS GROUP
FROM VISION TO REALITY
FL LC 26000202, FL LB 0006816, FL CA 00009660

GGI, LLC dba GENESIS GROUP
2507 CALLAWAY ROAD, SUITE 100
TALLAHASSEE, FLORIDA 32303
(850) 224-4400 (850) 681-3600 FAX

SURVEY DATE: 08/17/09
DRAWN BY: J.L.E., S.A.Y.
CHECKED BY: W.L.M.
SCALE: 1"=100'

PREPARED FOR:
AMERICAN RENEWABLES
75 ARLINGTON STREET, SUITE 704
BOSTON, MA 02166

PROJECT NAME:
GAINESVILLE RENEWABLE ENERGY CENTER
GAINESVILLE, FL

SHEET TITLE:
BOUNDARY AND TOPOGRAPHIC SURVEY

PROJECT NUMBER: 8527-001
DRAWING DATE: 09/11/09
SHEET NUMBER: 8 OF 8