

Project Options

Flow Units CFS
Elevation Type Elevation
Hydrology Method SCS TR-55
Time of Concentration (TOC) Method SCS TR-55
Link Routing Method Hydrodynamic
Enable Overflow Ponding at Nodes YES
Skip Steady State Analysis Time Periods YES

Analysis Options

Start Analysis On Jul 08, 2019 00:00:00
End Analysis On Jul 11, 2019 00:00:00
Start Reporting On Jul 08, 2019 00:00:00
Antecedent Dry Days 0 days
Runoff (Dry Weather) Time Step 0 01:00:00 days hh:mm:ss
Runoff (Wet Weather) Time Step 0 00:05:00 days hh:mm:ss
Reporting Time Step 0 00:05:00 days hh:mm:ss
Routing Time Step 30 seconds

Rainfall Details

SN	Rain Gage ID	Data Source	Data Source ID	Rainfall Type	Rain Units	State	County	Return Period (years)	Rainfall Depth (inches)	Rainfall Distribution
1	SEMINOLE	Time Series	ONE HUNDRED YEAR	Cumulative	inches	Florida	Putnam	100	10.30	SCS Type II 24-hr

Subbasin Summary

SN Subbasin ID	Area	Weighted Curve Number	Total Rainfall	Total Runoff	Total Runoff Volume	Peak Runoff	Time of Concentration
	(ac)		(in)	(in)	(ac-in)	(cfs)	(days hh:mm:ss)
1 DA-100	0.19	61.00	10.30	5.28	1.00	1.56	0 00:06:00
2 DA-1001	0.52	98.00	10.30	10.06	5.24	6.85	0 00:06:00
3 DA-101	0.53	61.00	10.30	5.28	2.80	4.32	0 00:06:00
4 DA-102	0.46	61.00	10.30	5.28	2.42	3.75	0 00:06:00
5 DA-103	0.63	61.00	10.30	5.28	3.32	5.11	0 00:06:00
6 DA-104	0.53	98.00	10.30	10.06	5.32	7.01	0 00:06:00
7 DA-1400	0.24	61.00	10.30	5.28	1.26	1.93	0 00:06:00
8 DA-201	0.24	70.24	10.30	6.53	1.59	2.43	0 00:06:00
9 DA-202	0.58	70.24	10.30	6.53	3.75	5.75	0 00:06:00
10 DA-203	0.48	98.00	10.30	10.06	4.80	6.34	0 00:06:00
11 DA-204	0.37	98.00	10.30	10.06	3.75	4.90	0 00:06:00
12 DA-205	0.14	98.00	10.30	10.06	1.40	1.86	0 00:06:00
13 DA-206	0.14	98.00	10.30	10.06	1.43	1.86	0 00:06:00
14 DA-207	0.44	98.00	10.30	10.06	4.43	5.83	0 00:06:00
15 DA-300	0.47	98.00	10.30	10.06	4.69	6.17	0 00:06:00
16 DA-301	0.34	98.00	10.30	10.06	3.44	4.48	0 00:06:00
17 DA-400	0.30	98.00	10.30	10.06	3.04	3.97	0 00:06:00
18 DA-602	0.27	98.00	10.30	10.06	2.73	3.55	0 00:06:00
19 DA-603	0.38	98.00	10.30	10.06	3.81	4.99	0 00:06:00
20 DA-604	0.45	98.00	10.30	10.06	4.55	6.00	0 00:06:00
21 DA-605	0.17	98.00	10.30	10.06	1.74	2.28	0 00:06:00
22 DA-606	0.22	98.00	10.30	10.06	2.23	2.96	0 00:06:00
23 DA-607	0.34	98.00	10.30	10.06	3.37	4.39	0 00:06:00
24 DA-608_1	0.36	57.00	10.30	4.73	1.70	2.61	0 00:06:00
25 DA-608_2	0.10	98.00	10.30	10.06	1.04	1.35	0 00:06:00
26 DA-608_3	0.27	51.00	10.30	3.90	1.06	1.59	0 00:06:00
27 DA-800	0.33	98.00	10.30	10.06	3.35	4.39	0 00:06:00
28 DA-801	0.24	98.00	10.30	10.06	2.41	3.21	0 00:06:00
29 DA-900	0.64	98.00	10.30	10.06	6.47	8.45	0 00:06:00
30 DA-D1	0.35	70.24	10.30	6.53	2.31	3.51	0 00:06:00
31 DA-D2	0.05	70.24	10.30	6.52	0.31	0.51	0 00:06:00
32 DA-D3	0.49	70.24	10.30	6.53	3.20	4.92	0 00:06:00
33 DA-D4	0.31	70.24	10.30	6.53	2.03	3.13	0 00:06:00
34 DA-P1	11.00	70.24	10.30	6.53	71.80	109.84	0 00:06:00
35 DA-SY1	0.81	78.00	10.30	7.55	6.11	9.19	0 00:06:00
36 DA-SY2	1.13	80.00	10.30	7.81	8.82	13.15	0 00:06:00
37 DA-SY3	1.08	68.00	10.30	6.23	6.73	10.34	0 00:06:00
38 DA-SY4	0.74	79.00	10.30	7.68	5.68	8.51	0 00:06:00
39 DA-SY5	0.28	59.00	10.30	5.01	1.40	2.17	0 00:06:00
40 POST-OSB1	5.63	95.00	10.30	9.69	54.58	73.01	0 00:06:24
41 POST-SB1	18.31	78.30	10.30	7.59	138.94	182.15	0 00:11:07
42 PRE-OSB1	5.63	95.00	10.30	9.69	54.58	73.01	0 00:06:24
43 PRE-SB1	5.69	41.00	10.30	2.53	14.37	4.34	0 01:47:42
44 PRE-SB2	24.81	37.00	10.30	1.99	49.30	13.54	0 01:48:42
45 PRE-SB3	14.42	37.00	10.30	1.99	28.65	10.31	0 01:15:00

Node Summary

SN	Element ID	Element Type	Invert Elevation	Ground/Rim (Max) Elevation	Initial Water Elevation	Surcharge Elevation	Ponded Area	Peak Inflow	Max HGL Elevation Attained	Max Surcharge Depth Attained	Min Freeboard Attained	Time of Peak Flooding Occurrence	Total Flooded Volume	Total Time Flooded
			(ft)	(ft)	(ft)	(ft)	(ft²)	(cfs)	(ft)	(ft)	(ft)	(days hh:mm)	(ac-in)	(min)
1	100	Junction	68.24	73.50	0.00	74.00	0.00	22.90	73.02	0.00	0.48	0 00:00	0.00	0.00
2	101	Junction	69.04	73.50	0.00	74.00	0.00	19.91	73.26	0.00	0.24	0 00:00	0.00	0.00
3	102	Junction	69.72	73.50	0.00	74.00	0.00	15.64	73.87	0.37	0.00	0 00:00	0.00	0.00
4	103	Junction	70.00	73.50	0.00	74.00	0.00	11.97	74.00	0.50	0.00	0 12:00	0.00	0.00
5	104	Junction	70.37	73.50	0.00	74.00	0.00	6.98	74.00	0.50	0.00	0 12:00	0.00	0.00
6	201	Junction	66.60	71.83	0.00	71.83	0.00	47.44	71.67	0.00	0.16	0 00:00	0.00	0.00
7	202	Junction	68.15	73.50	0.00	74.00	0.00	45.23	71.79	0.00	1.71	0 00:00	0.00	0.00
8	203	Junction	68.80	73.50	0.00	74.00	0.00	31.35	72.02	0.00	1.48	0 00:00	0.00	0.00
9	204	Junction	69.45	73.50	0.00	74.00	0.00	25.01	72.63	0.00	0.87	0 00:00	0.00	0.00
10	205	Junction	69.67	73.50	0.00	74.00	0.00	20.12	72.98	0.00	0.52	0 00:00	0.00	0.00
11	206	Junction	70.80	73.50	0.00	74.00	0.00	7.66	73.55	0.05	0.00	0 00:00	0.00	0.00
12	207	Junction	71.00	73.50	0.00	74.00	0.00	5.81	73.94	0.44	0.00	0 00:00	0.00	0.00
13	300	Junction	69.96	73.50	0.00	74.00	0.00	10.60	73.38	0.00	0.12	0 00:00	0.00	0.00
14	301	Junction	70.47	73.50	0.00	74.00	0.00	4.46	73.72	0.22	0.00	0 00:00	0.00	0.00
15	400	Junction	70.72	73.50	0.00	74.00	0.00	3.95	73.83	0.33	0.00	0 00:00	0.00	0.00
16	602	Junction	68.06	73.50	0.00	74.00	0.00	45.94	71.65	0.00	1.85	0 00:00	0.00	0.00
17	603	Junction	68.68	73.50	0.00	74.00	0.00	28.00	71.99	0.00	1.51	0 00:00	0.00	0.00
18	604	Junction	69.43	73.50	0.00	74.00	0.00	23.03	72.74	0.00	0.76	0 00:00	0.00	0.00
19	605	Junction	69.61	73.50	0.00	74.00	0.00	17.12	73.00	0.00	0.50	0 00:00	0.00	0.00
20	606	Junction	69.92	73.50	0.00	74.00	0.00	14.90	73.52	0.02	0.00	0 00:00	0.00	0.00
21	607	Junction	70.19	73.50	0.00	74.05	0.00	9.21	73.81	0.31	0.00	0 00:00	0.00	0.00
22	608	Junction	70.48	72.83	0.00	74.00	0.00	5.76	73.99	0.00	0.20	0 00:00	0.00	0.00
23	800	Junction	70.18	73.50	0.00	74.00	0.00	7.57	72.43	0.00	1.07	0 00:00	0.00	0.00
24	801	Junction	70.56	73.50	0.00	74.00	0.00	3.19	72.64	0.00	0.86	0 00:00	0.00	0.00
25	900	Junction	70.25	73.50	0.00	74.00	0.00	8.40	73.64	0.14	0.00	0 00:00	0.00	0.00
26	1001	Junction	70.21	73.50	0.00	74.00	0.00	6.82	72.12	0.00	1.38	0 00:00	0.00	0.00
27	1400	Junction	69.89	73.50	0.00	74.00	0.00	1.88	72.90	0.00	0.60	0 00:00	0.00	0.00
28	D2	Junction	65.72	71.00	0.00	0.00	0.00	31.73	70.10	0.00	0.90	0 00:00	0.00	0.00
29	D4	Junction	67.65	71.00	0.00	0.00	0.00	31.25	71.00	0.00	0.00	0 12:00	0.09	3.00
30	Jun-41	Junction	76.12	77.12	0.00	0.00	0.00	22.11	77.50	0.00	0.17	0 00:00	0.00	0.00
31	Jun-42	Junction	73.00	74.00	0.00	0.00	0.00	3.59	73.61	0.00	0.89	0 00:00	0.00	0.00
32	Jun-44	Junction	74.40	75.40	0.00	0.00	0.00	14.45	75.55	0.00	0.36	0 00:00	0.00	0.00
33	Jun-45	Junction	77.90	78.90	0.00	0.00	0.00	0.00	77.90	0.00	1.00	0 00:00	0.00	0.00
34	Jun-46	Junction	73.39	74.25	0.00	74.25	0.00	1.53	74.16	0.00	0.14	0 00:00	0.00	0.00
35	Jun-47	Junction	73.32	74.25	0.00	74.25	0.00	2.82	74.14	0.00	0.23	0 00:00	0.00	0.00
36	Jun-48	Junction	73.07	74.25	0.00	74.25	0.00	2.64	74.08	0.00	0.23	0 00:00	0.00	0.00
37	Jun-49	Junction	72.96	74.25	0.00	74.25	0.00	5.26	74.06	0.00	0.26	0 00:00	0.00	0.00
38	SY-DET	Junction	71.50	75.00	0.00	0.00	0.00	10.17	72.63	0.00	2.37	0 00:00	0.00	0.00
39	EMRG_OF	Outfall	65.00					1.03	65.00					
40	Out-14	Outfall	0.00					72.78	0.00					
41	P1	Storage Node	67.00	71.00	67.50		0.00	257.00	70.10				0.00	0.00
42	SB1-DITCH	Storage Node	73.00	77.50	0.00		0.00	181.89	76.36				0.00	0.00
43	SB2-DITCH	Storage Node	67.50	73.00	0.00		0.00	98.74	71.22				0.00	0.00
44	SWYD	Storage Node	74.00	78.00	0.00		0.00	72.02	76.48				0.00	0.00

Link Summary

SN Element ID	Element Type	From (Inlet) Node	To (Outlet) Node	Length	Inlet Invert Elevation	Outlet Invert Elevation	Average Slope	Diameter or Height	Manning's Roughness	Peak Flow	Design Flow Capacity	Peak Flow/ Design Flow Ratio	Peak Flow Velocity	Peak Flow Depth
				(ft)	(ft)	(ft)	(%)	(in)		(cfs)	(cfs)		(ft/sec)	(ft)
1 100	Pipe	100	D4	194.39	68.24	67.65	0.3000	36.000	0.0120	23.47	39.72	0.59	3.32	2.97
2 100-101	Pipe	101	100	120.00	69.04	68.74	0.2500	30.000	0.0120	19.54	22.22	0.88	4.68	2.47
3 100-1400	Pipe	1400	100	60.00	69.89	69.74	0.2500	15.000	0.0120	1.89	3.50	0.54	2.91	1.25
4 1001-602	Pipe	1001	602	100.00	70.21	70.06	0.1500	18.000	0.0120	6.82	4.34	1.57	3.87	1.50
5 101-102	Pipe	102	101	120.00	69.72	69.54	0.1500	24.000	0.0120	15.68	9.49	1.65	5.11	2.00
6 102-103	Pipe	103	102	180.00	70.00	69.82	0.1000	24.000	0.0120	11.98	7.75	1.55	3.81	2.00
7 103-104	Pipe	104	103	120.00	70.37	70.25	0.1000	18.000	0.0120	6.98	3.60	1.94	3.95	1.50
8 1100-1101	Pipe	SB1-DITCH	SB2-DITCH	94.00	76.00	72.50	3.7200	24.000	0.0150	7.47	113.50	0.07	6.58	0.36
9 1200-1201	Pipe	SWYD	SB2-DITCH	76.33	74.00	73.00	1.3100	18.000	0.0150	12.99	10.42	1.25	7.50	1.42
10 1700-1701	Pipe	SB2-DITCH	P1	320.00	67.56	65.00	0.8000	48.000	0.0150	80.15	52.08	1.54	9.65	2.86
11 200-201	Pipe	201	P1	160.00	66.60	65.00	1.0000	42.000	0.0120	47.50	54.50	0.87	7.00	3.30
12 201-202	Pipe	202	201	140.00	68.15	67.10	0.7500	36.000	0.0120	45.09	62.58	0.72	6.40	3.00
13 202-203	Pipe	203	202	220.00	68.80	68.25	0.2500	36.000	0.0150	31.32	28.90	1.08	4.46	3.00
14 202-900	Pipe	900	202	140.00	70.25	69.90	0.2500	15.000	0.0120	8.40	3.50	2.40	6.97	1.25
15 203-204	Pipe	204	203	100.00	69.45	69.30	0.1500	30.000	0.0120	25.05	17.21	1.46	5.12	2.50
16 204-205	Pipe	205	204	80.00	69.67	69.55	0.1500	30.000	0.0120	20.13	17.21	1.17	4.10	2.50
17 205-206	Pipe	206	205	80.00	70.80	70.72	0.1000	18.000	0.0120	7.66	3.60	2.13	4.34	1.50
18 205-300	Pipe	300	205	80.00	69.96	69.84	0.1500	24.000	0.0150	10.61	7.59	1.40	3.38	2.00
19 206-207	Pipe	207	206	100.00	71.00	70.90	0.1000	18.000	0.0120	5.81	3.60	1.61	3.29	1.50
20 300-301	Pipe	301	300	180.00	70.47	70.29	0.1000	18.000	0.0120	4.46	3.60	1.24	2.52	1.50
21 601-602	Pipe	602	SB2-DITCH	85.07	68.06	67.63	0.5100	42.000	0.0150	45.78	62.32	0.73	4.80	3.50
22 602-603	Pipe	603	602	80.00	68.68	68.56	0.1500	36.000	0.0120	28.03	27.98	1.00	3.97	3.00
23 602-800	Pipe	800	602	145.00	70.18	69.81	0.2500	18.000	0.0120	7.57	5.69	1.33	4.29	1.50
24 603-604	Pipe	604	603	160.92	69.43	69.18	0.1500	30.000	0.0120	23.04	17.43	1.32	4.69	2.50
25 604-605	Pipe	605	604	80.00	69.61	69.53	0.1000	30.000	0.0120	17.13	14.05	1.22	3.49	2.50
26 605-606	Pipe	606	605	68.16	69.92	69.85	0.1000	24.000	0.0120	14.91	7.85	1.90	4.74	2.00
27 606-400	Pipe	400	606	40.00	70.72	70.68	0.1000	15.000	0.0120	3.96	2.21	1.79	3.23	1.25
28 606-607	Pipe	607	606	160.00	70.19	70.03	0.1000	24.000	0.0120	9.22	7.75	1.19	2.93	2.00
29 607-608	Pipe	608	607	40.00	70.48	70.44	0.1000	18.000	0.0120	6.11	3.60	1.70	3.46	1.50
30 800-801	Pipe	801	800	54.00	70.56	70.43	0.2500	15.000	0.0120	3.20	3.50	0.91	2.61	1.25
31 D0-D1	Pipe	D2	P1	212.95	65.72	65.00	0.3400	36.000	0.0120	31.74	56.02	0.57	5.89	3.00
32 Link-133	Pipe	D4	D2	520.64	67.59	65.82	0.3400	36.000	0.0120	28.14	42.81	0.66	3.98	3.00
33 SY-CULVERT	Pipe	SY-DET	SB2-DITCH	135.00	71.50	68.00	2.5900	18.000	0.0120	10.12	18.32	0.55	6.17	1.31
34 608-S1	Channel	Jun-49	608	50.58	72.96	72.83	0.2500	16.320	0.0320	5.76	10.70	0.54	2.24	1.11
35 608-S2	Channel	Jun-48	Jun-49	46.14	73.07	72.96	0.2500	14.880	0.0320	3.23	9.18	0.35	0.92	1.04
36 608-S3	Channel	Jun-47	Jun-48	99.53	73.32	73.07	0.2500	12.600	0.0320	2.64	7.00	0.38	0.91	0.91
37 608-S4	Channel	Jun-46	Jun-47	35.23	73.41	73.32	0.2500	10.680	0.0320	1.48	5.35	0.28	0.57	0.78
38 ES-1	Channel	Jun-45	Jun-41	174.50	77.90	76.12	1.0200	12.000	0.0270	0.00	4.65	0.00	0.00	0.50
39 ES-2	Channel	Jun-41	Jun-44	167.75	76.12	74.40	1.0200	18.000	0.0270	6.08	8.20	0.74	5.00	1.26
40 ES-3	Channel	Jun-44	Jun-42	137.00	74.40	73.00	1.0200	18.000	0.0270	3.59	8.20	0.44	5.01	0.87
41 PS1	Channel	Jun-41	SB2-DITCH	25.00	76.12	72.50	14.4600	18.600	0.0320	15.90	27.19	0.58	50.00	1.32
42 PS2	Channel	Jun-44	SB2-DITCH	25.00	74.40	70.50	15.6000	18.000	0.0320	10.82	27.04	0.40	50.00	1.10
43 PS3	Channel	Jun-42	SB2-DITCH	25.00	73.00	70.00	12.0000	12.000	0.0320	3.59	13.45	0.27	4.60	0.79
44 EMERGENCY-OVERFLOW-SPILLWAY	Weir	P1	EMRG_OF		67.00	65.00				1.03				

Subbasin Hydrology

Subbasin : DA-100

Input Data

Area (ac) 0.19
Weighted Curve Number 61.00
Rain Gage ID SEMINOLE

Composite Curve Number

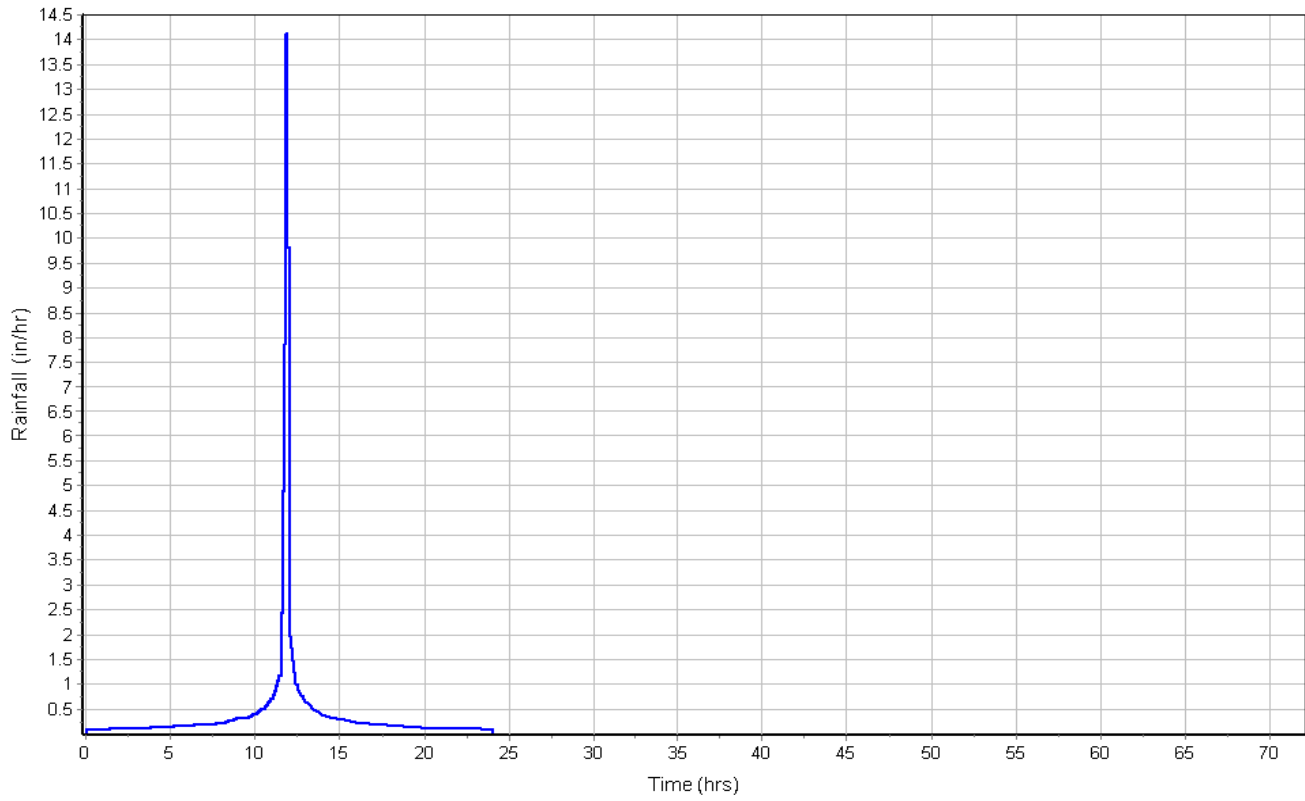
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.19	-	61.00
Composite Area & Weighted CN	0.19		61.00

Subbasin Runoff Results

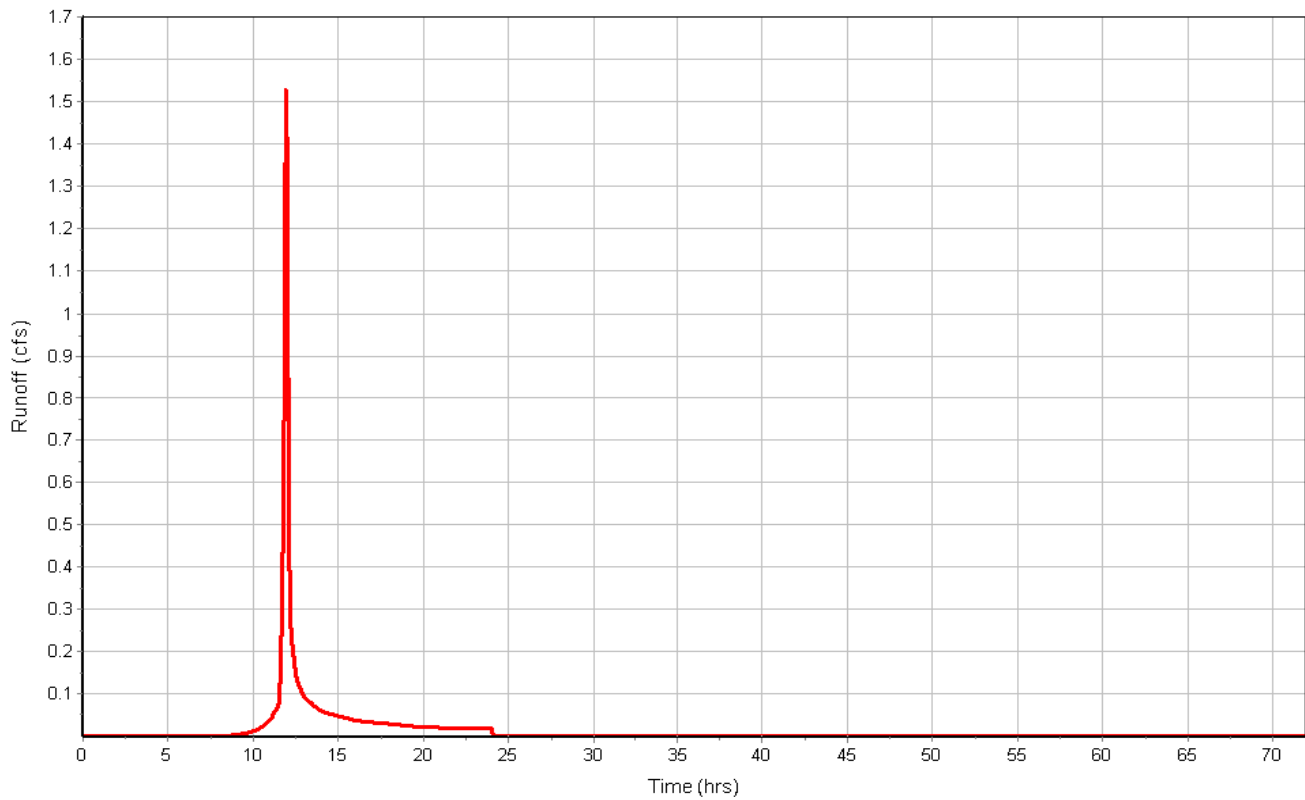
Total Rainfall (in) 10.30
Total Runoff (in) 5.28
Peak Runoff (cfs) 1.56
Weighted Curve Number 61.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-100

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-1001

Input Data

Area (ac) 0.52
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

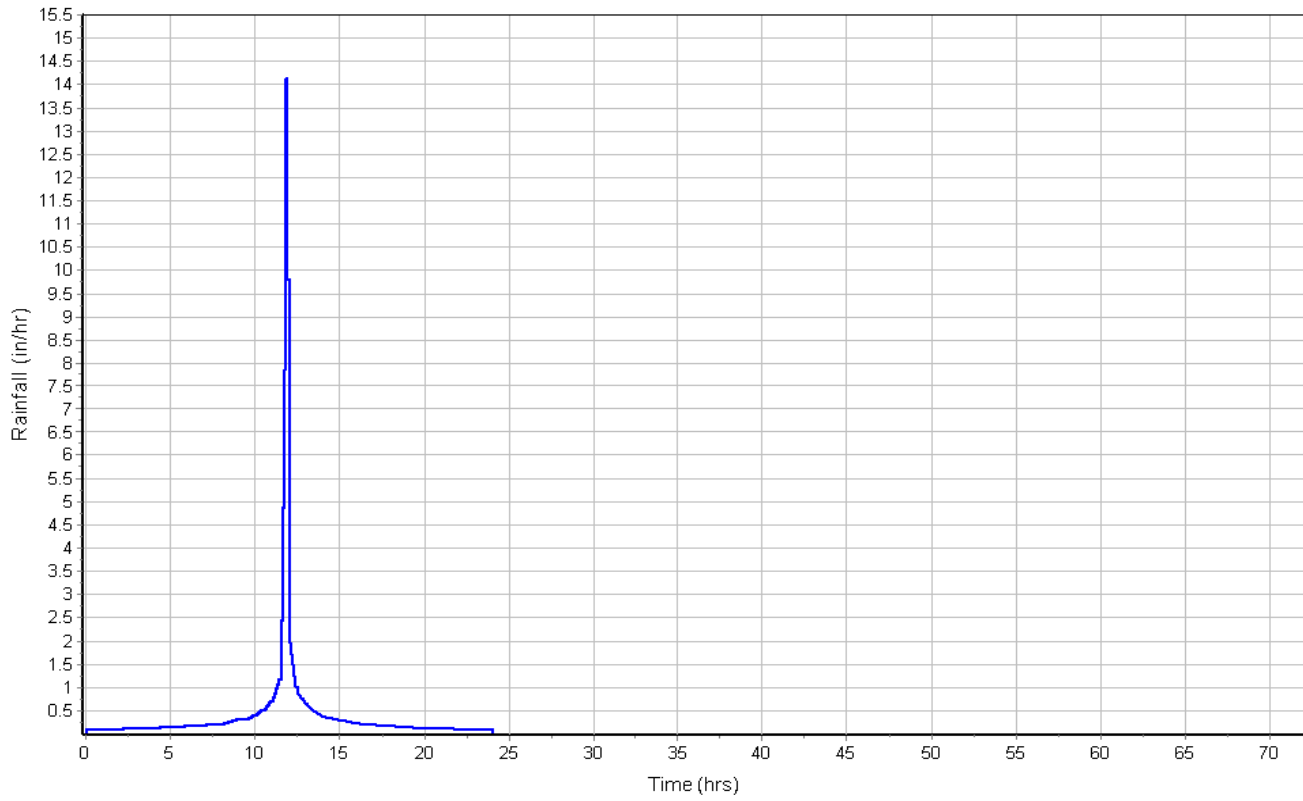
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.52	-	98.00
Composite Area & Weighted CN	0.52		98.00

Subbasin Runoff Results

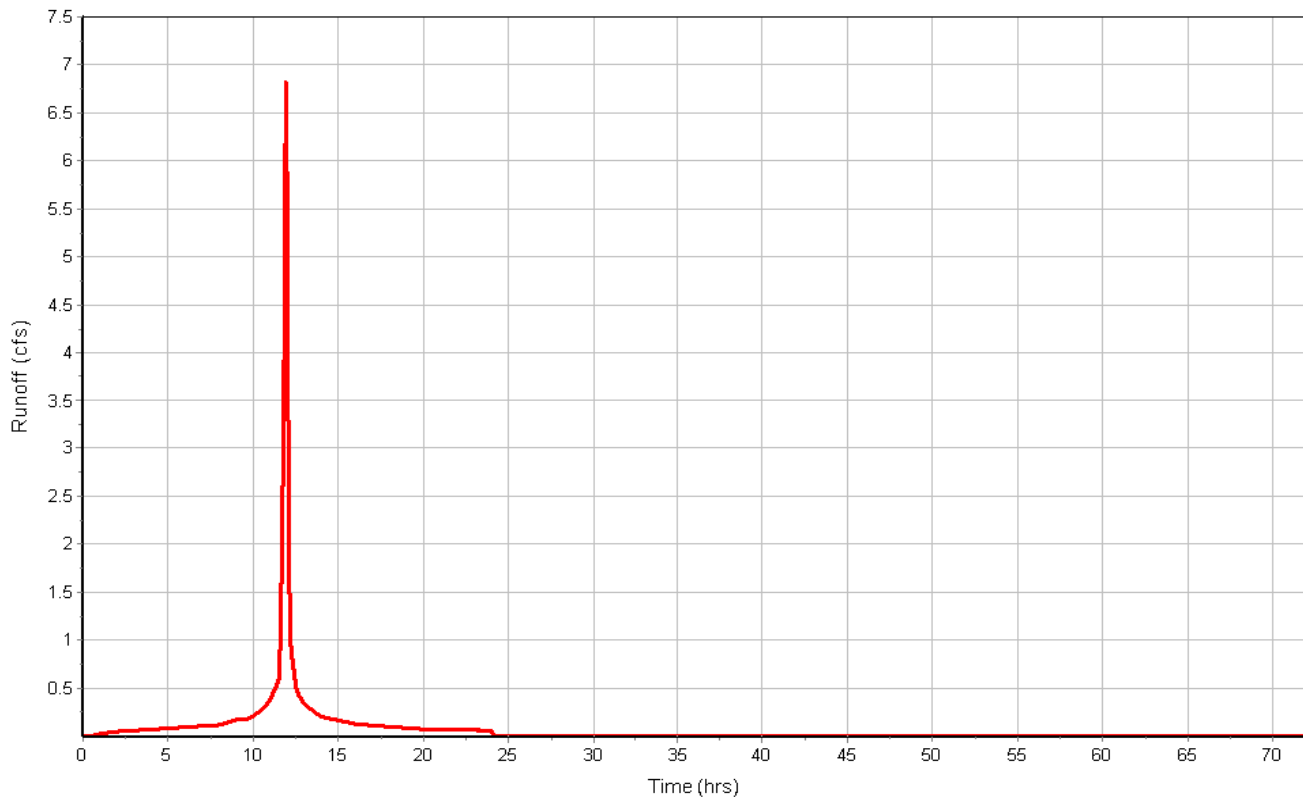
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 6.85
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-1001

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-101

Input Data

Area (ac) 0.53
Weighted Curve Number 61.00
Rain Gage ID SEMINOLE

Composite Curve Number

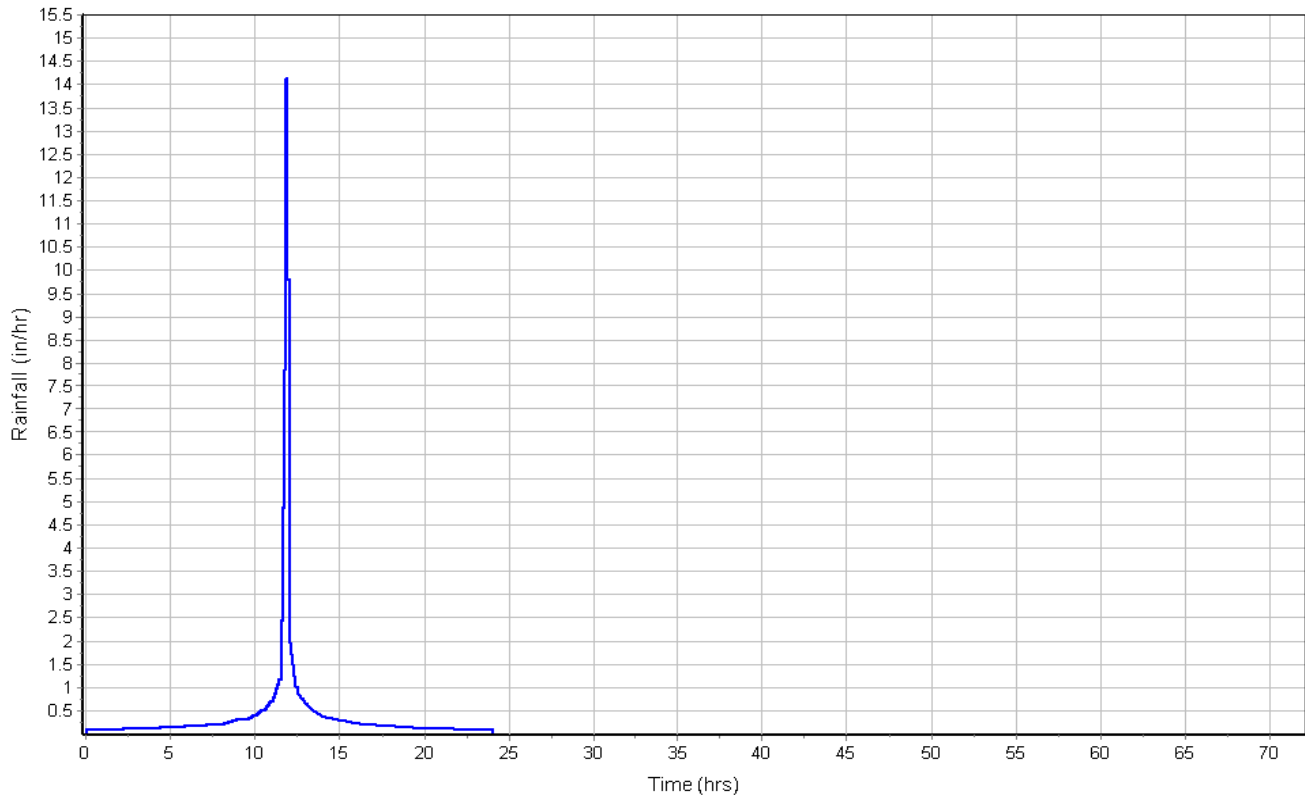
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.56	-	61.00
Composite Area & Weighted CN	0.56		61.00

Subbasin Runoff Results

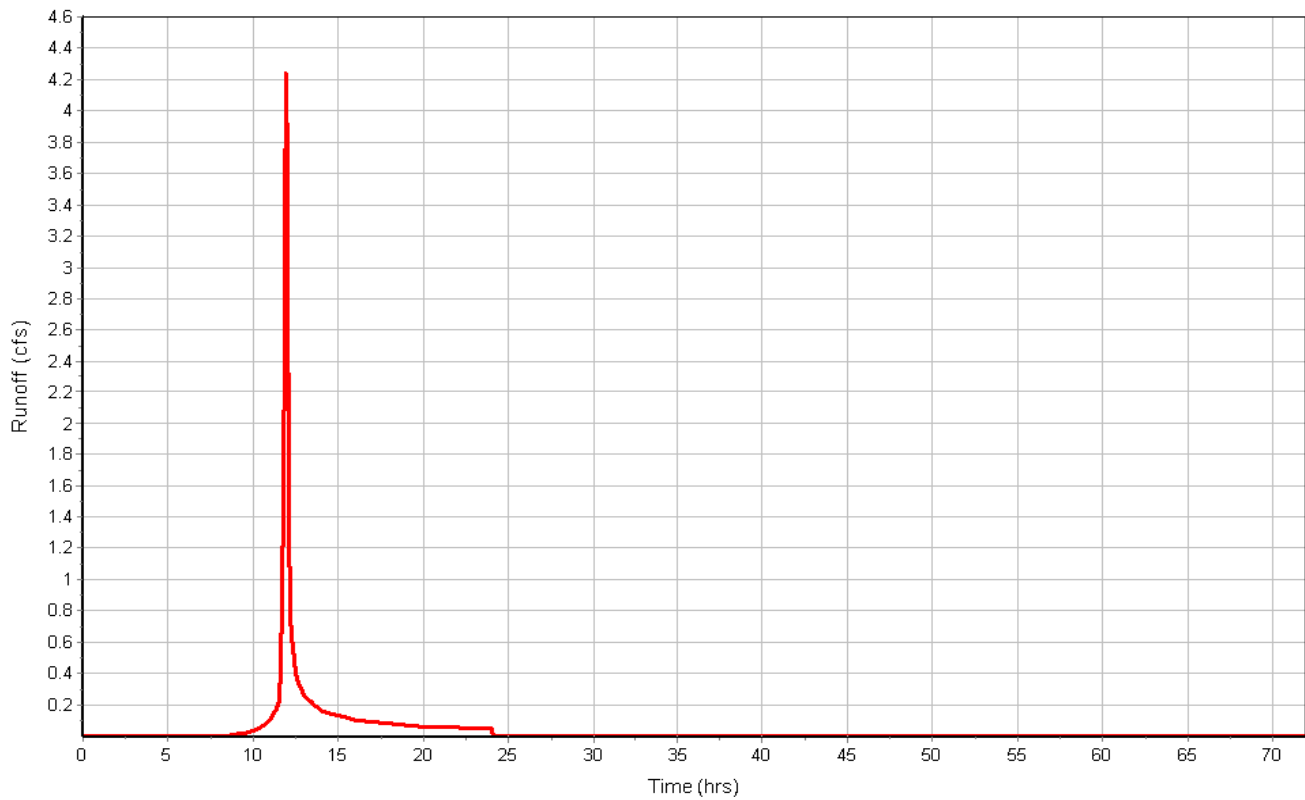
Total Rainfall (in) 10.30
Total Runoff (in) 5.28
Peak Runoff (cfs) 4.32
Weighted Curve Number 61.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-101

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-102

Input Data

Area (ac) 0.46
Weighted Curve Number 61.00
Rain Gage ID SEMINOLE

Composite Curve Number

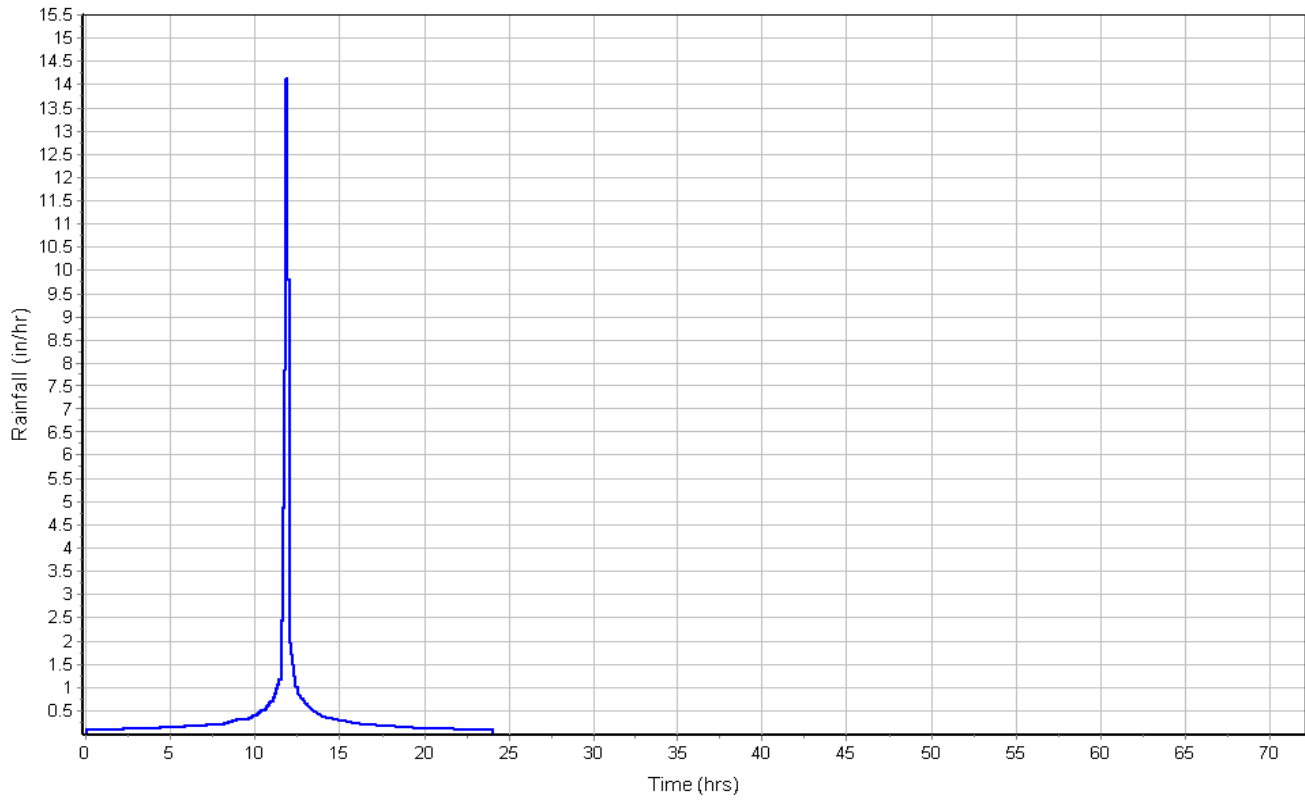
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.57	-	61.00
Composite Area & Weighted CN	0.57		61.00

Subbasin Runoff Results

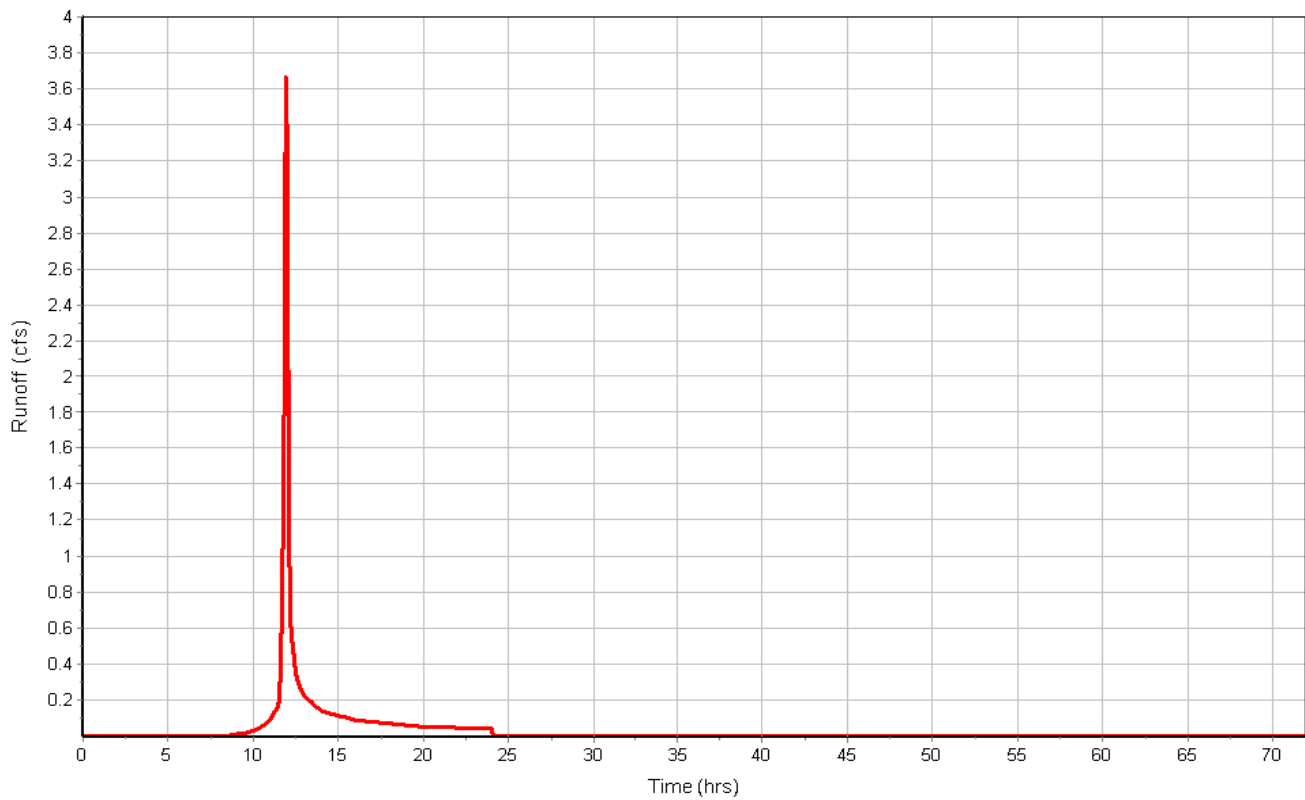
Total Rainfall (in) 10.30
Total Runoff (in) 5.28
Peak Runoff (cfs) 3.75
Weighted Curve Number 61.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-102

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-103

Input Data

Area (ac) 0.63
Weighted Curve Number 61.00
Rain Gage ID SEMINOLE

Composite Curve Number

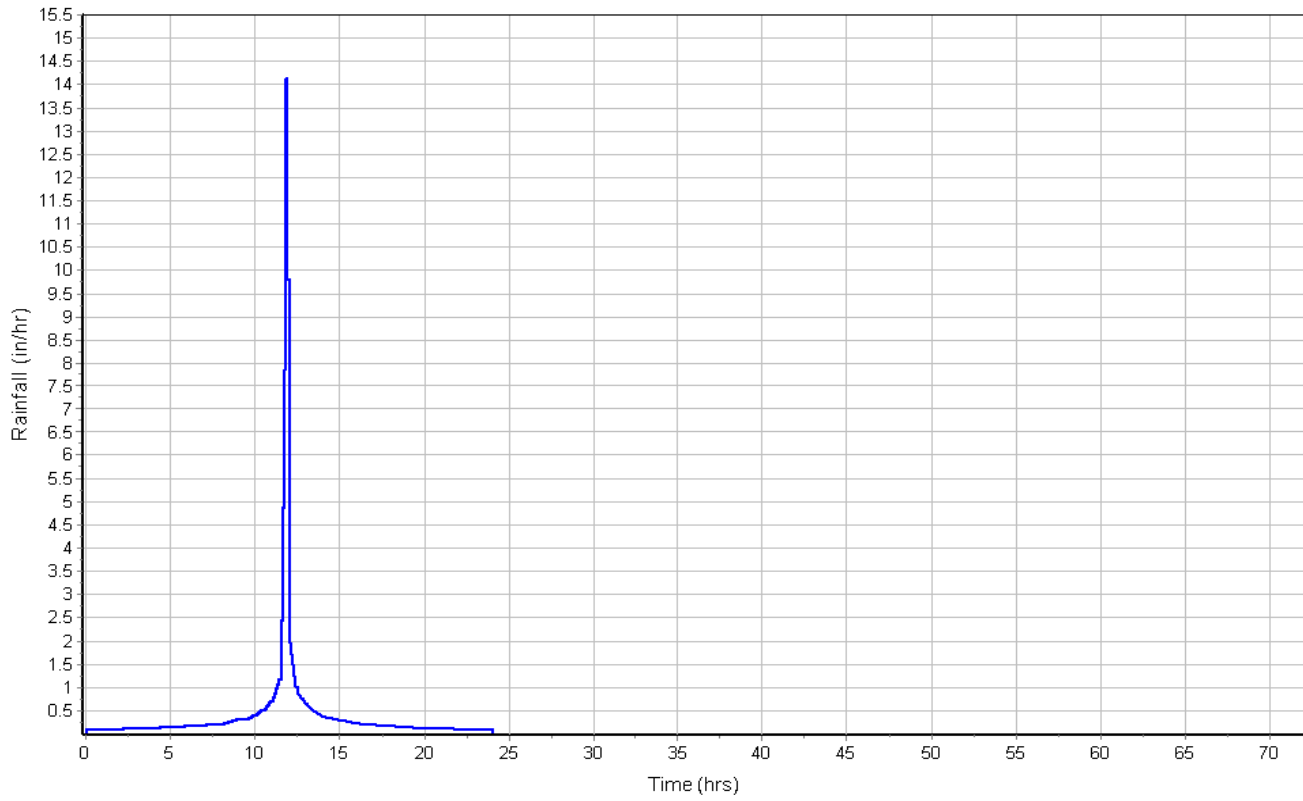
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.73	-	61.00
Composite Area & Weighted CN	0.73		61.00

Subbasin Runoff Results

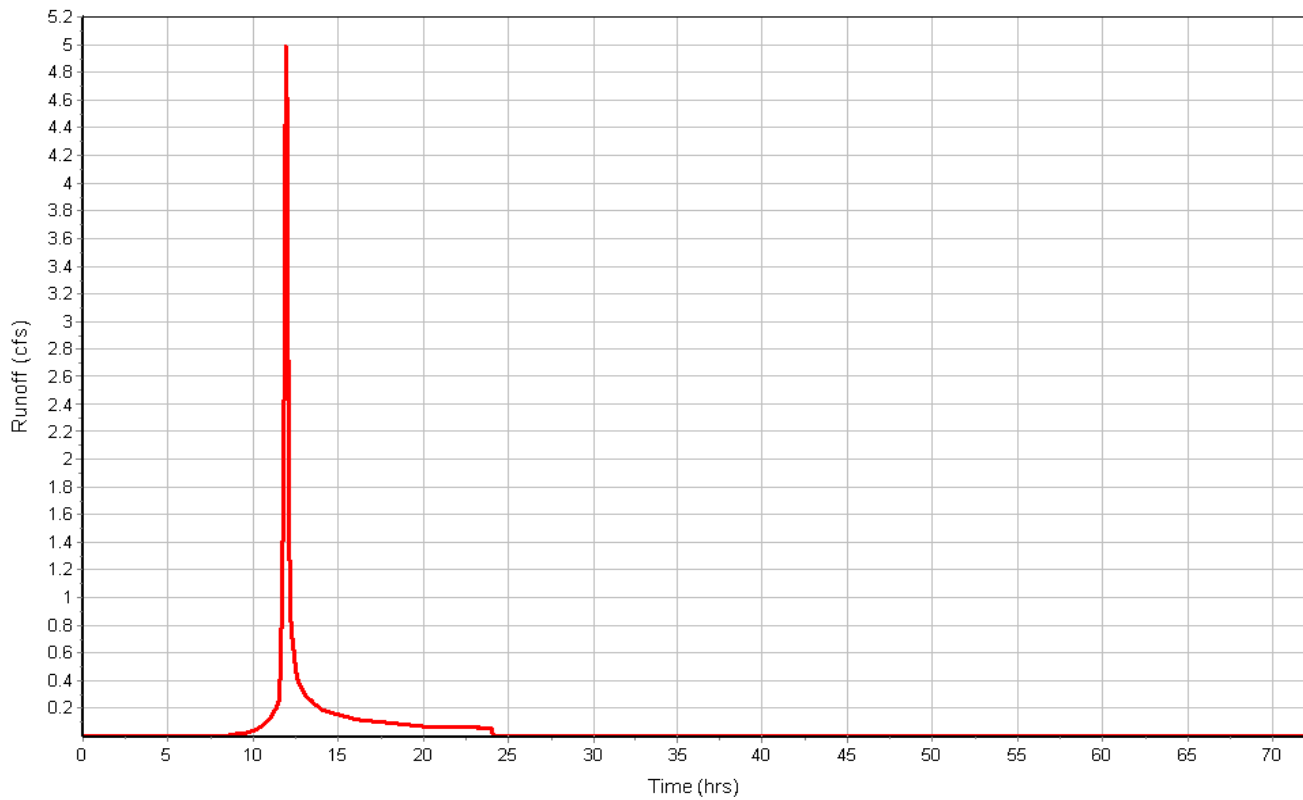
Total Rainfall (in) 10.30
Total Runoff (in) 5.28
Peak Runoff (cfs) 5.11
Weighted Curve Number 61.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-103

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-104

Input Data

Area (ac) 0.53
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

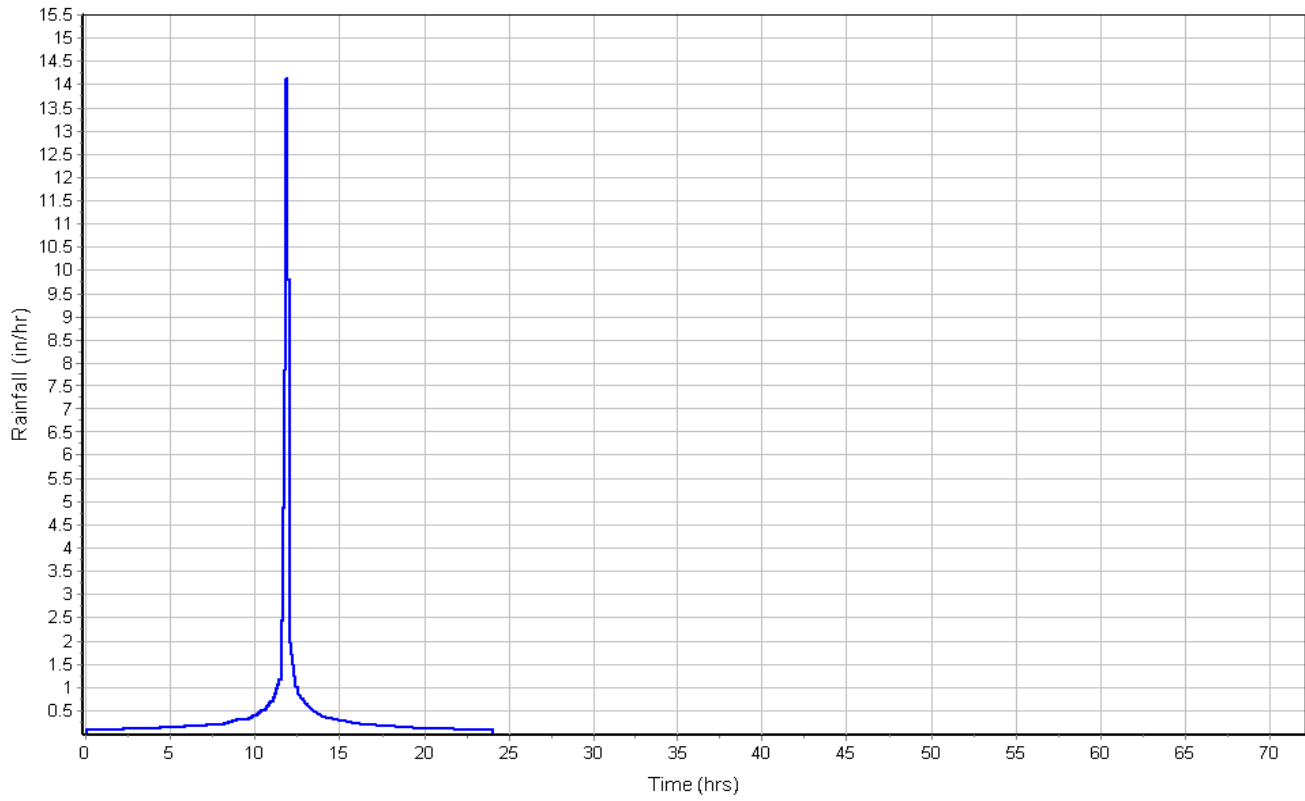
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.53	-	98.00
Composite Area & Weighted CN	0.53		98.00

Subbasin Runoff Results

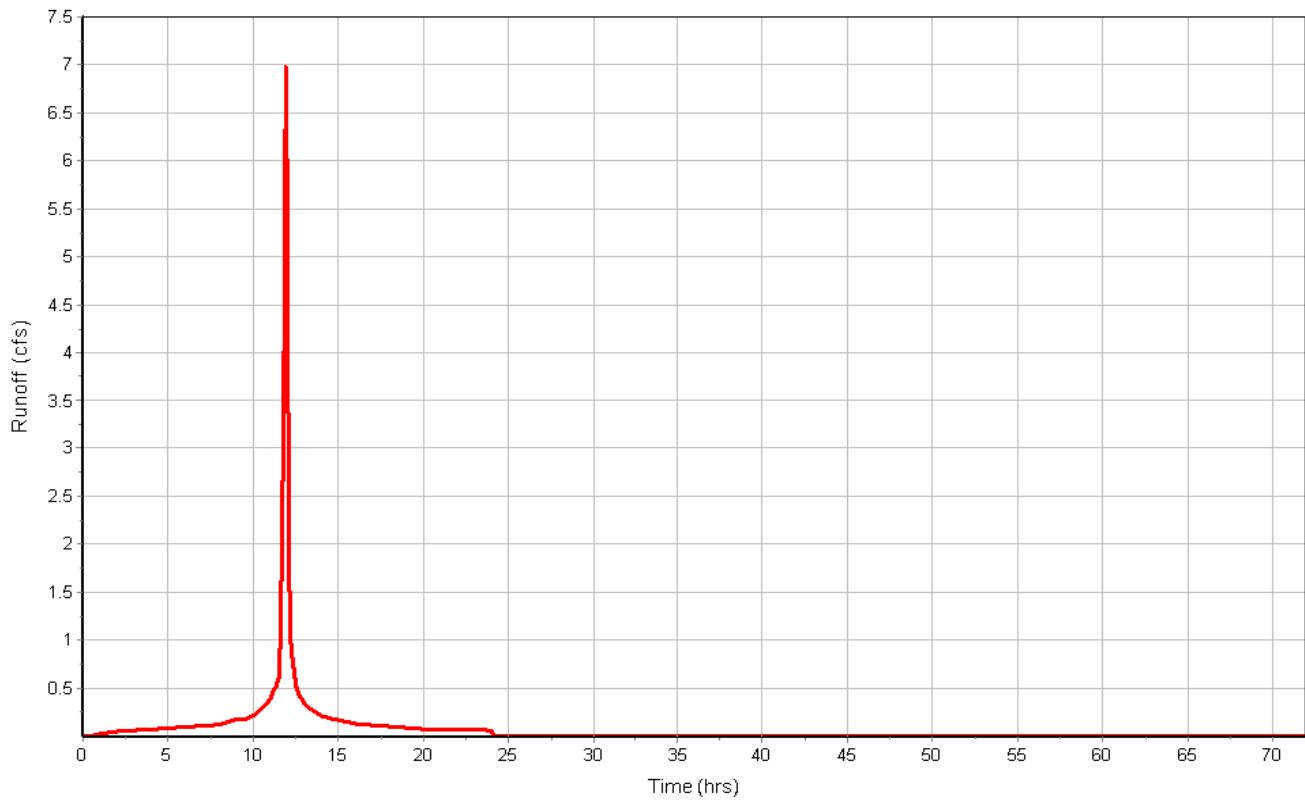
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 7.01
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-104

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-1400

Input Data

Area (ac) 0.24
Weighted Curve Number 61.00
Rain Gage ID SEMINOLE

Composite Curve Number

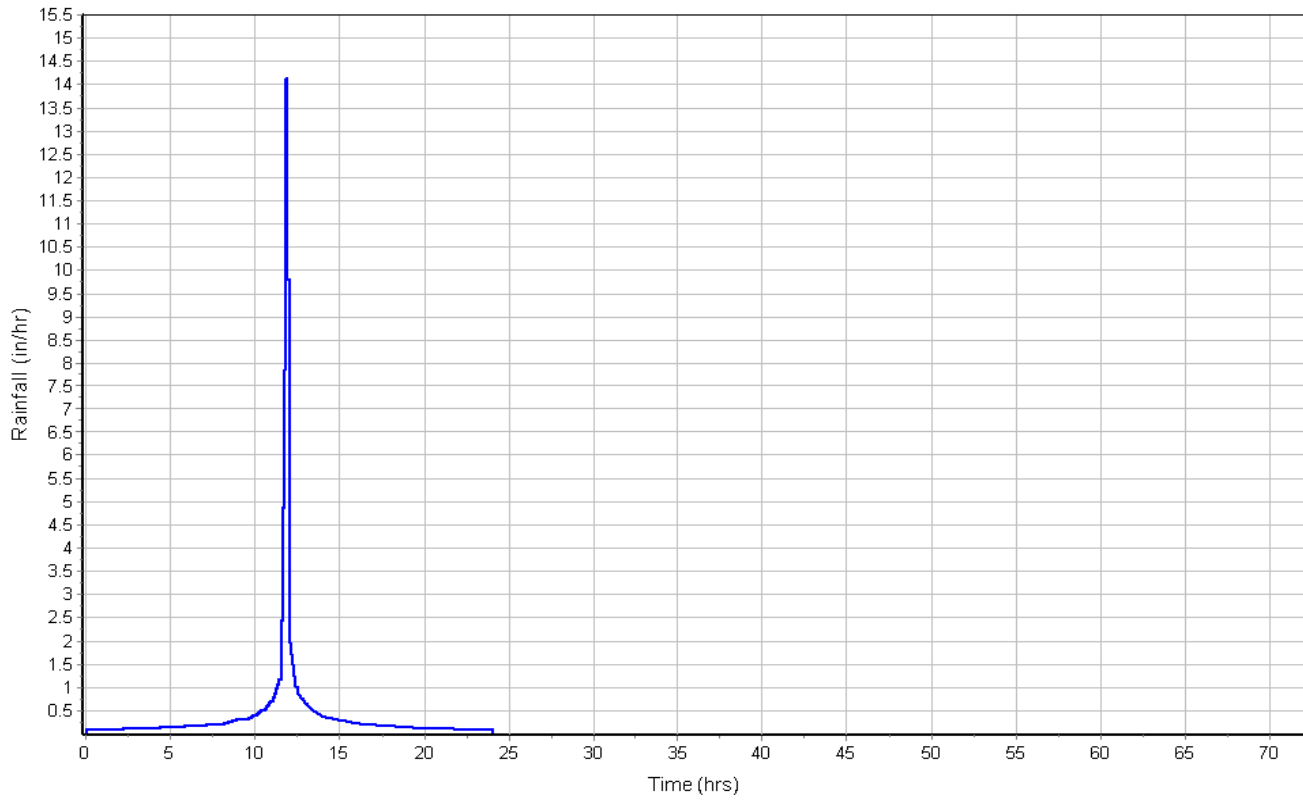
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.24	-	61.00
Composite Area & Weighted CN	0.24		61.00

Subbasin Runoff Results

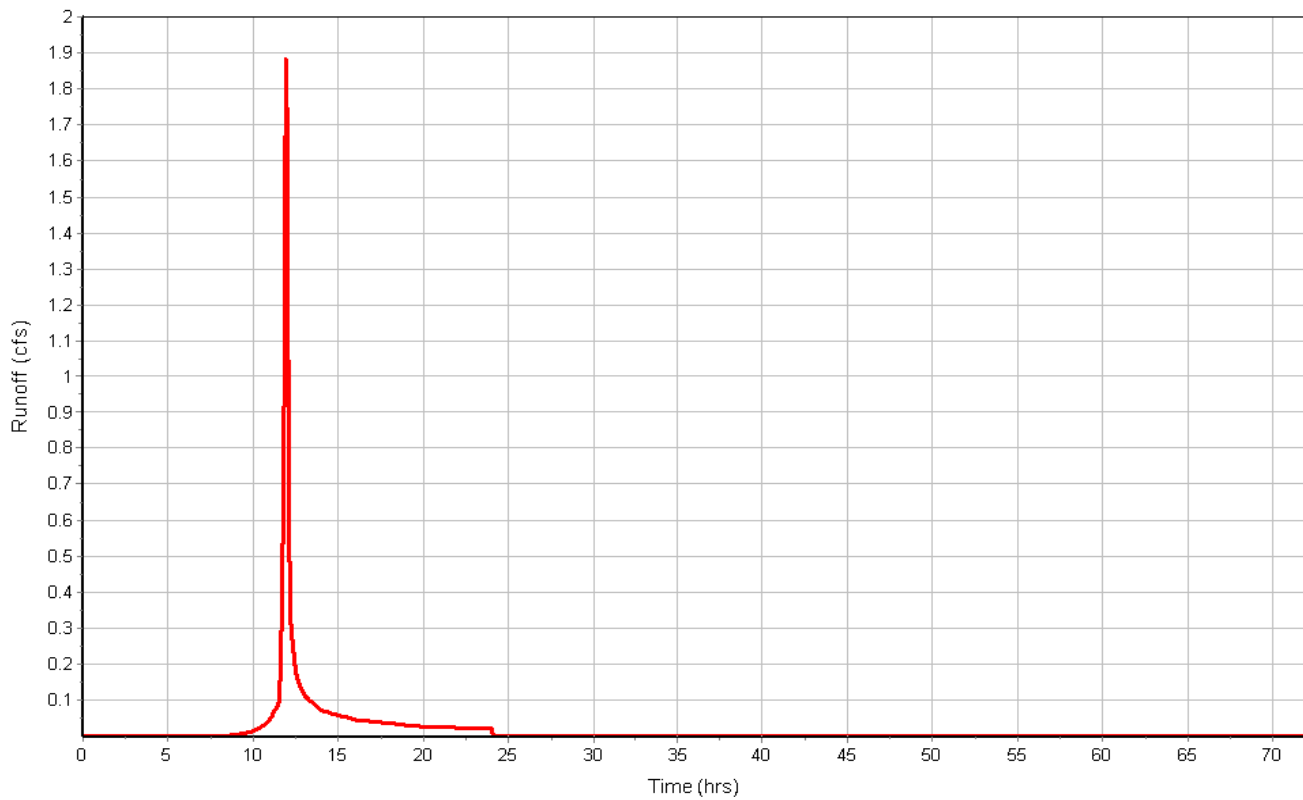
Total Rainfall (in) 10.30
Total Runoff (in) 5.28
Peak Runoff (cfs) 1.93
Weighted Curve Number 61.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-1400

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-201

Input Data

Area (ac) 0.24
Weighted Curve Number 70.24
Rain Gage ID SEMINOLE

Composite Curve Number

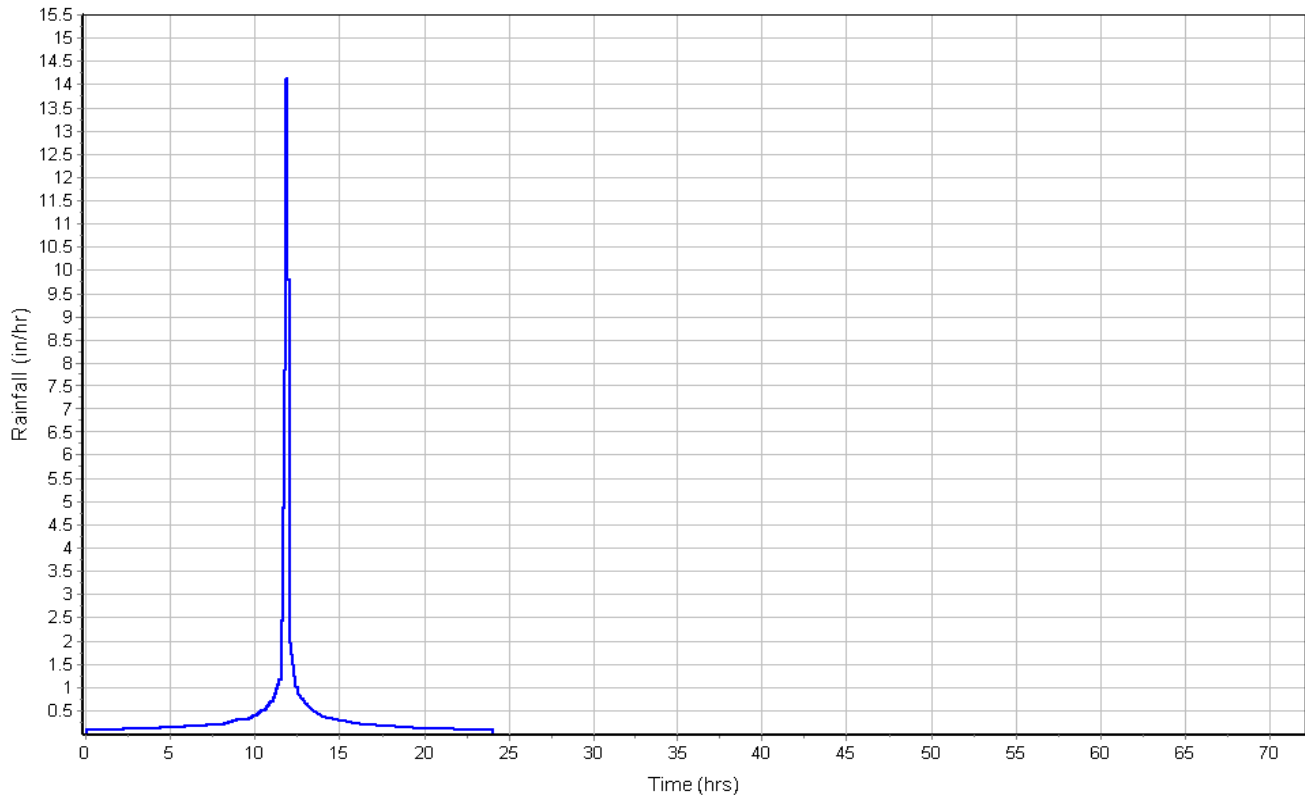
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.24	-	70.24
Composite Area & Weighted CN	0.24		70.24

Subbasin Runoff Results

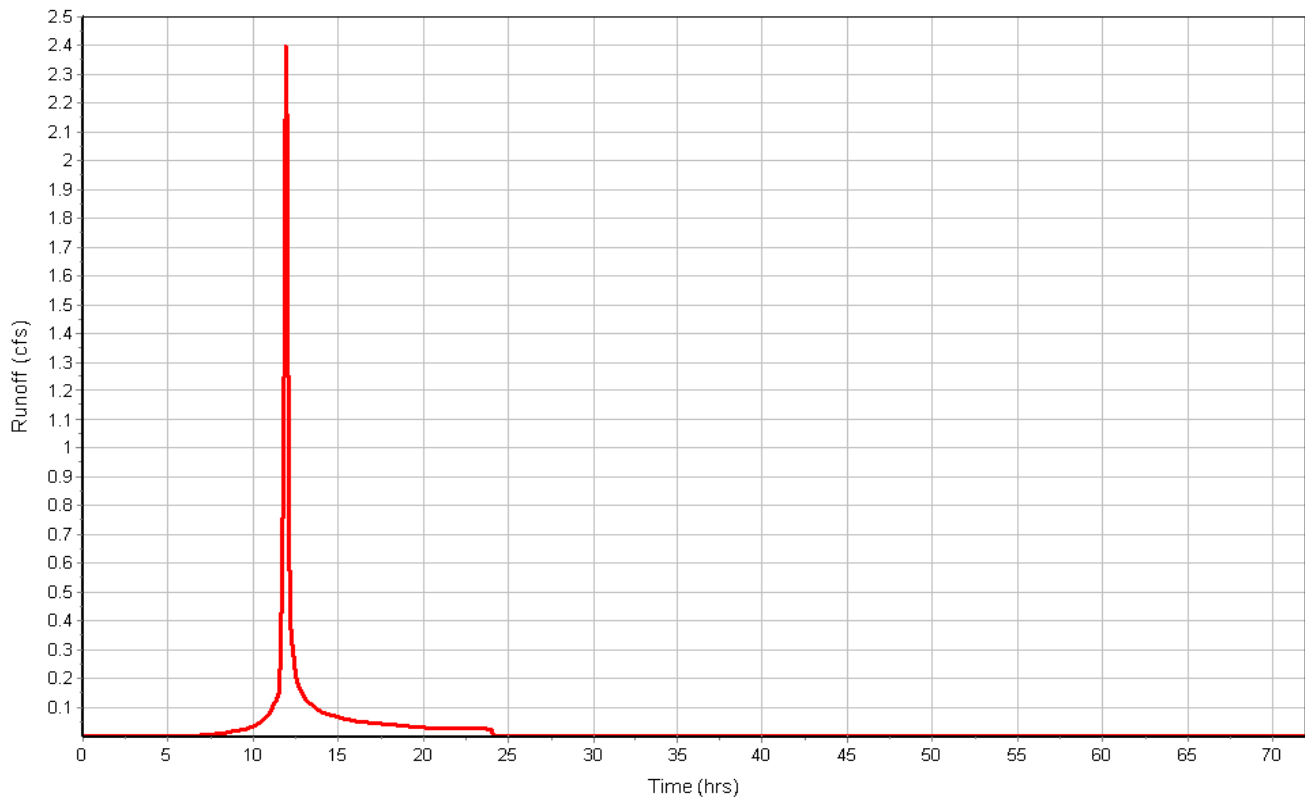
Total Rainfall (in) 10.30
Total Runoff (in) 6.53
Peak Runoff (cfs) 2.43
Weighted Curve Number 70.24
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-201

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-202

Input Data

Area (ac) 0.58
Weighted Curve Number 70.24
Rain Gage ID SEMINOLE

Composite Curve Number

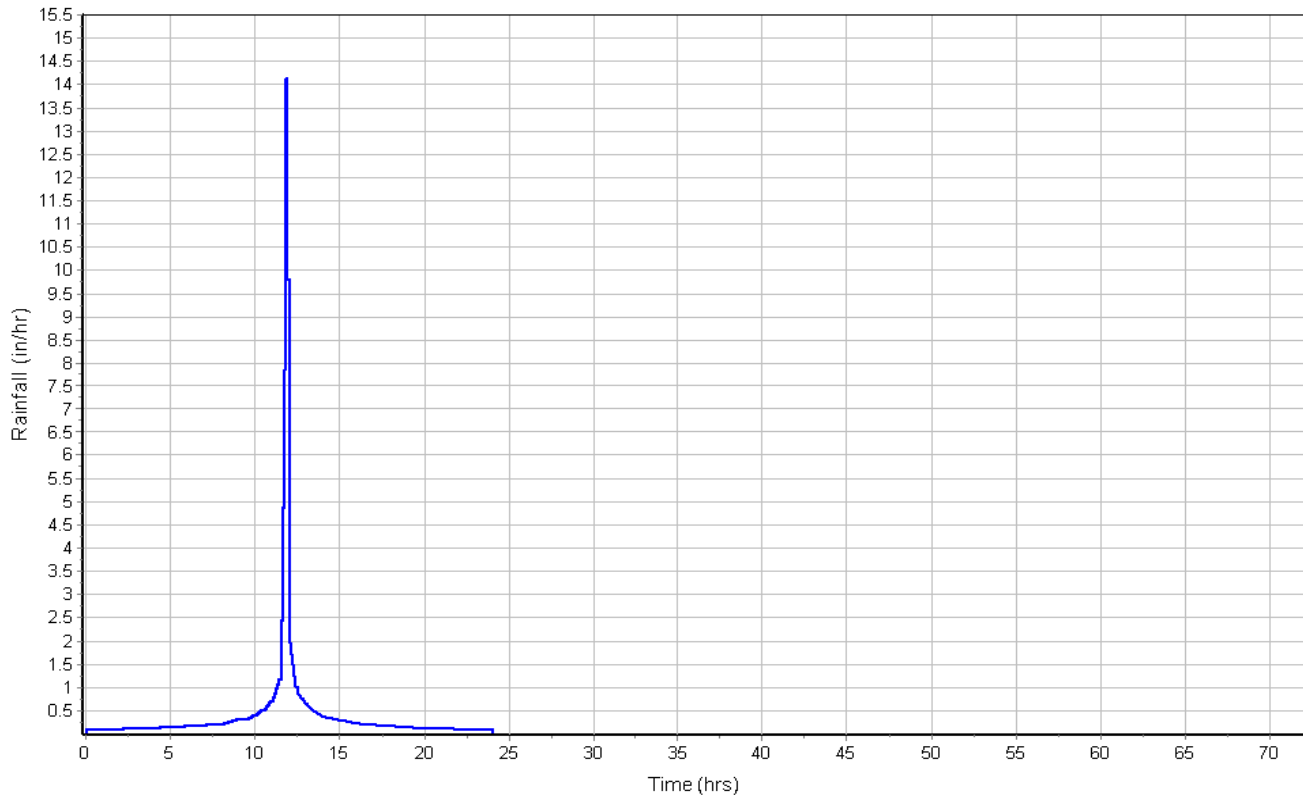
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.58	-	70.24
Composite Area & Weighted CN	0.58		70.24

Subbasin Runoff Results

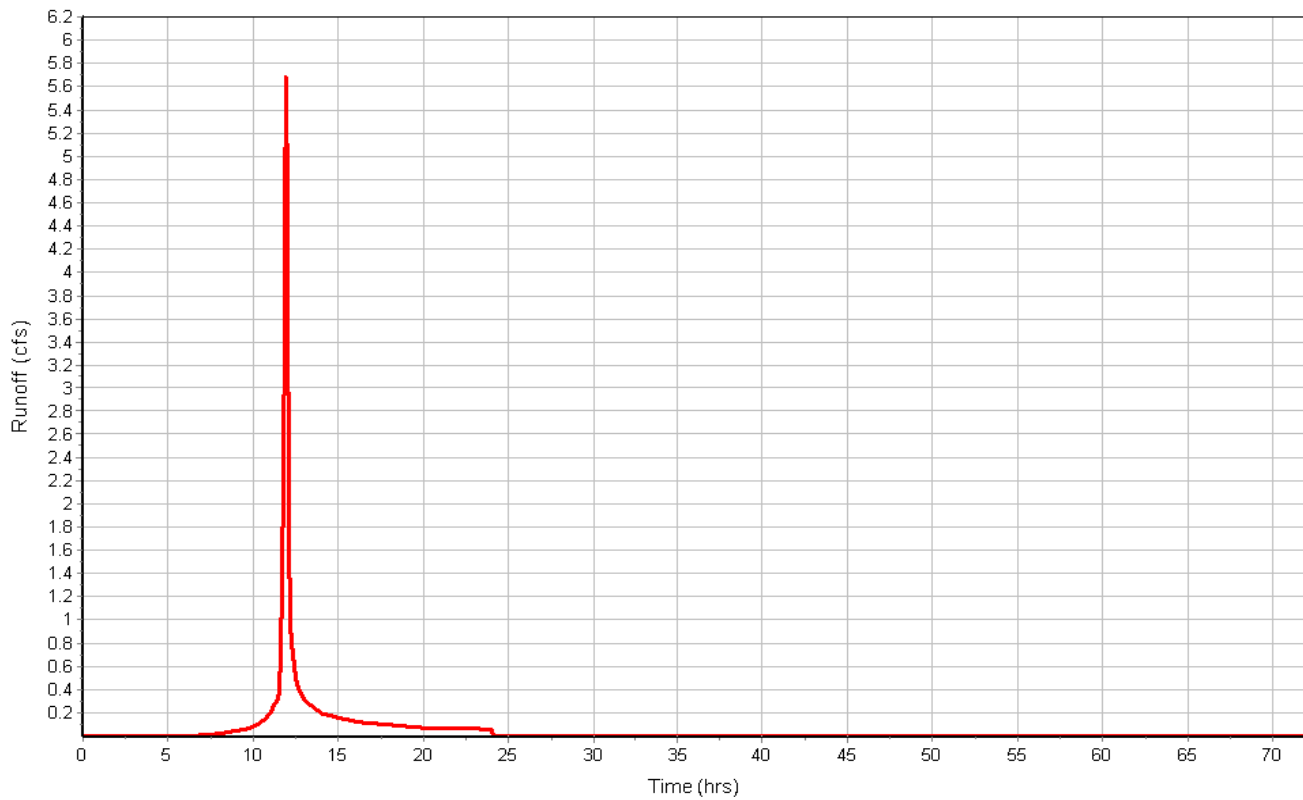
Total Rainfall (in) 10.30
Total Runoff (in) 6.53
Peak Runoff (cfs) 5.75
Weighted Curve Number 70.24
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-202

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-203

Input Data

Area (ac) 0.48
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

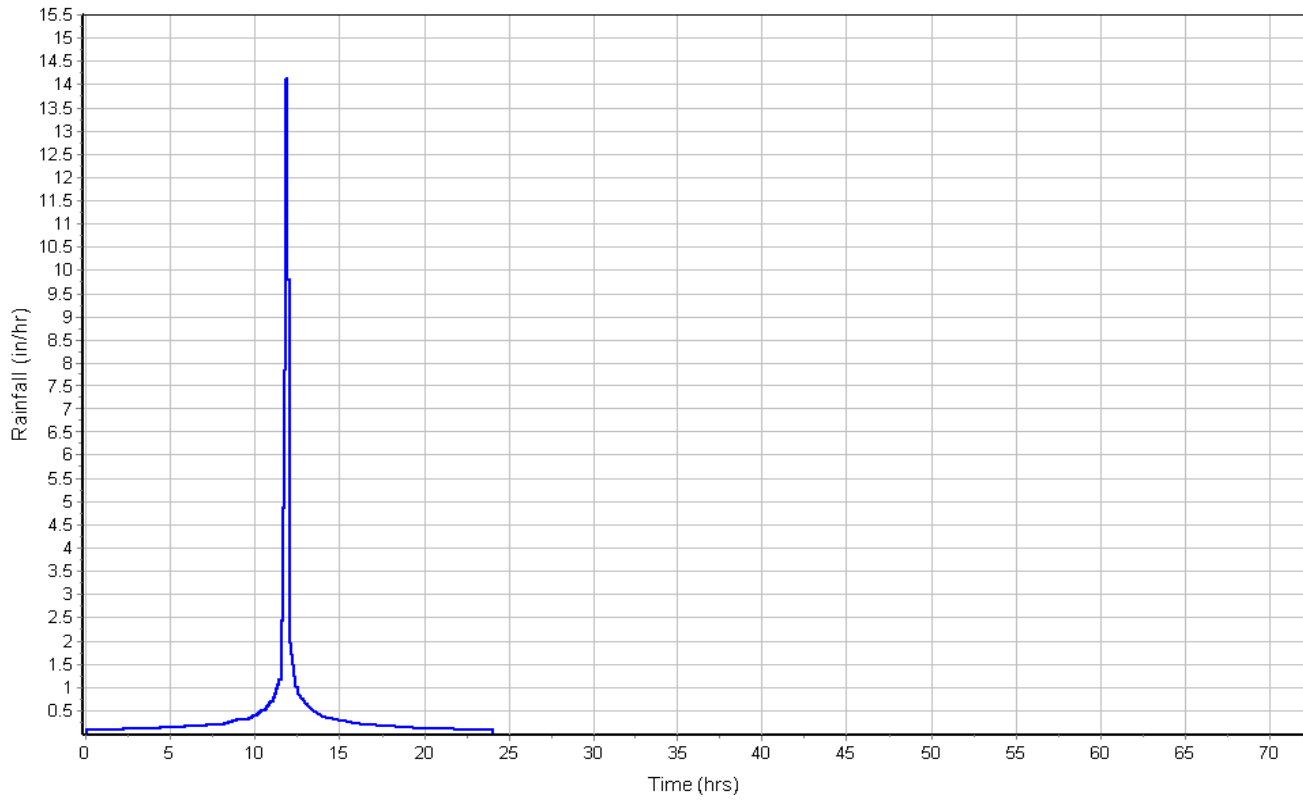
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.50	-	98.00
Composite Area & Weighted CN	0.50		98.00

Subbasin Runoff Results

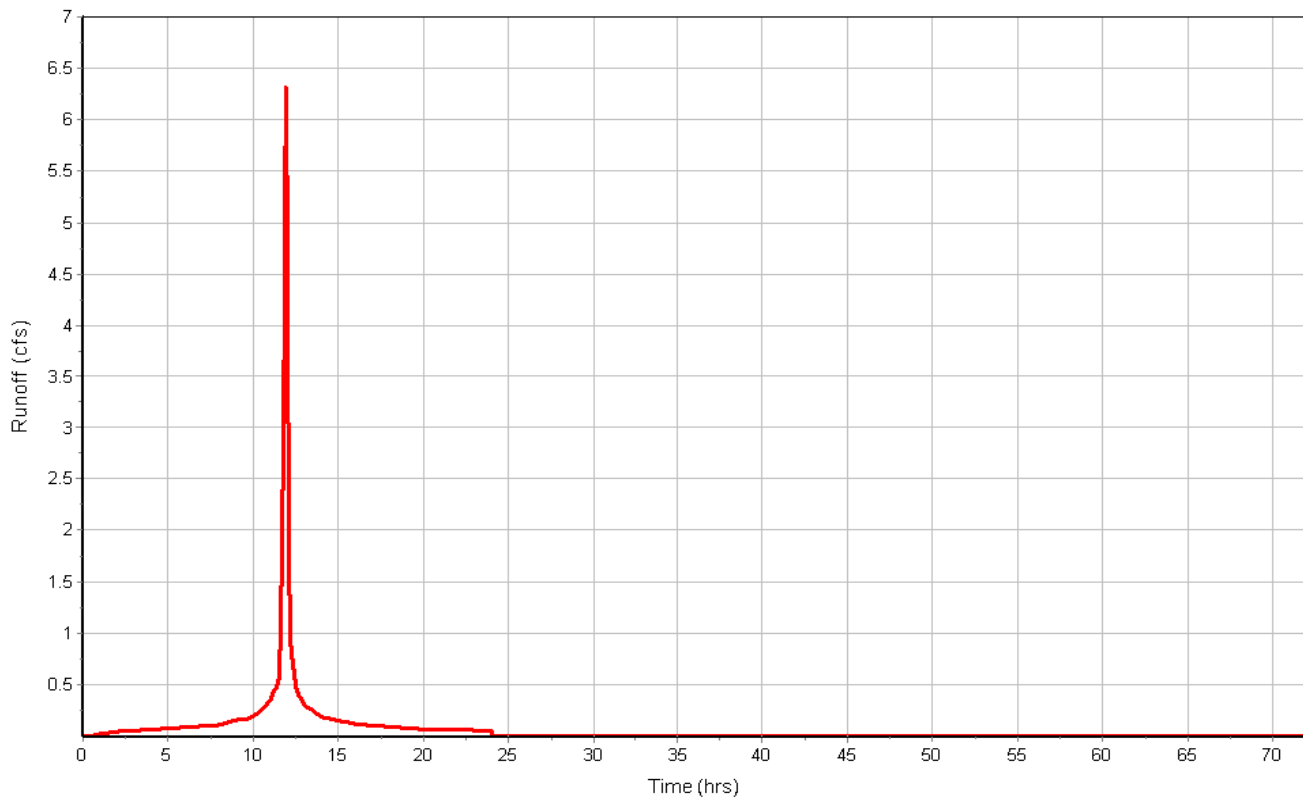
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 6.34
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-203

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-204

Input Data

Area (ac) 0.37
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

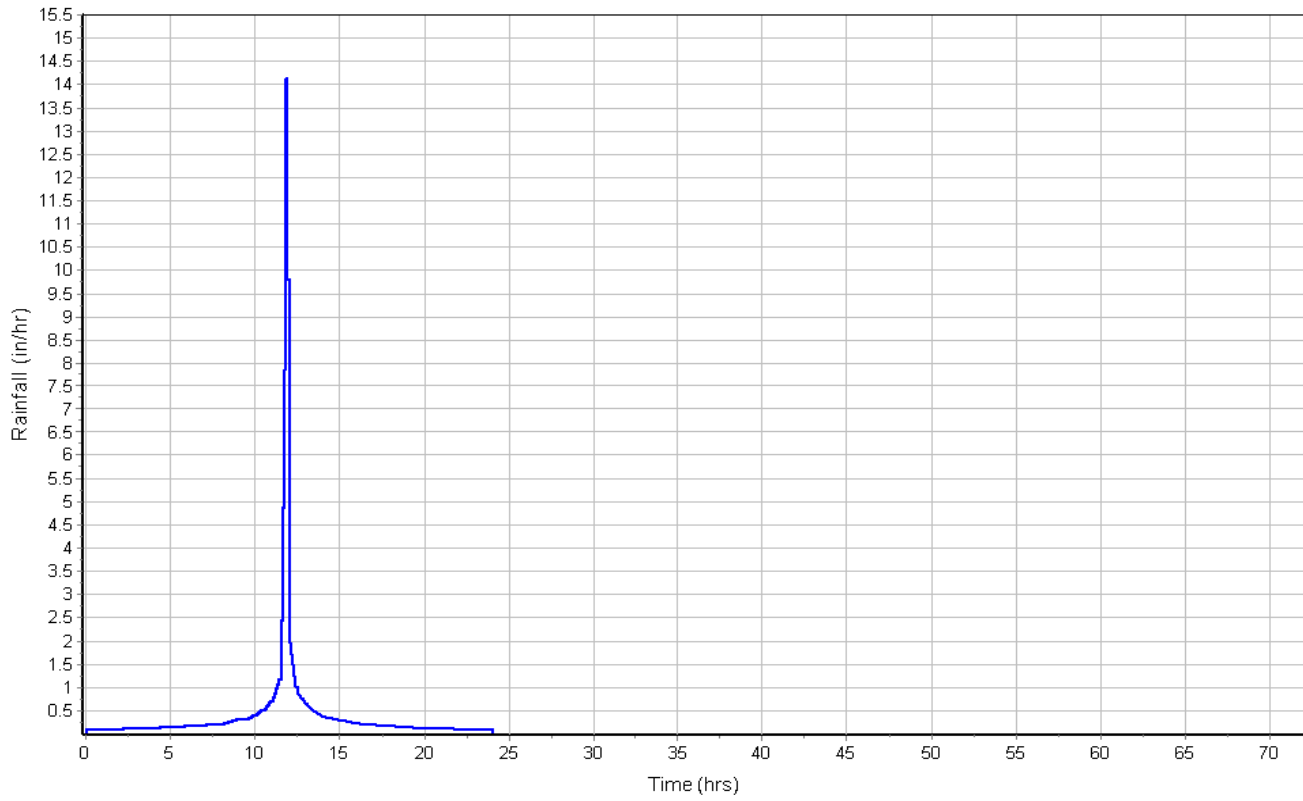
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.37	-	98.00
Composite Area & Weighted CN	0.37		98.00

Subbasin Runoff Results

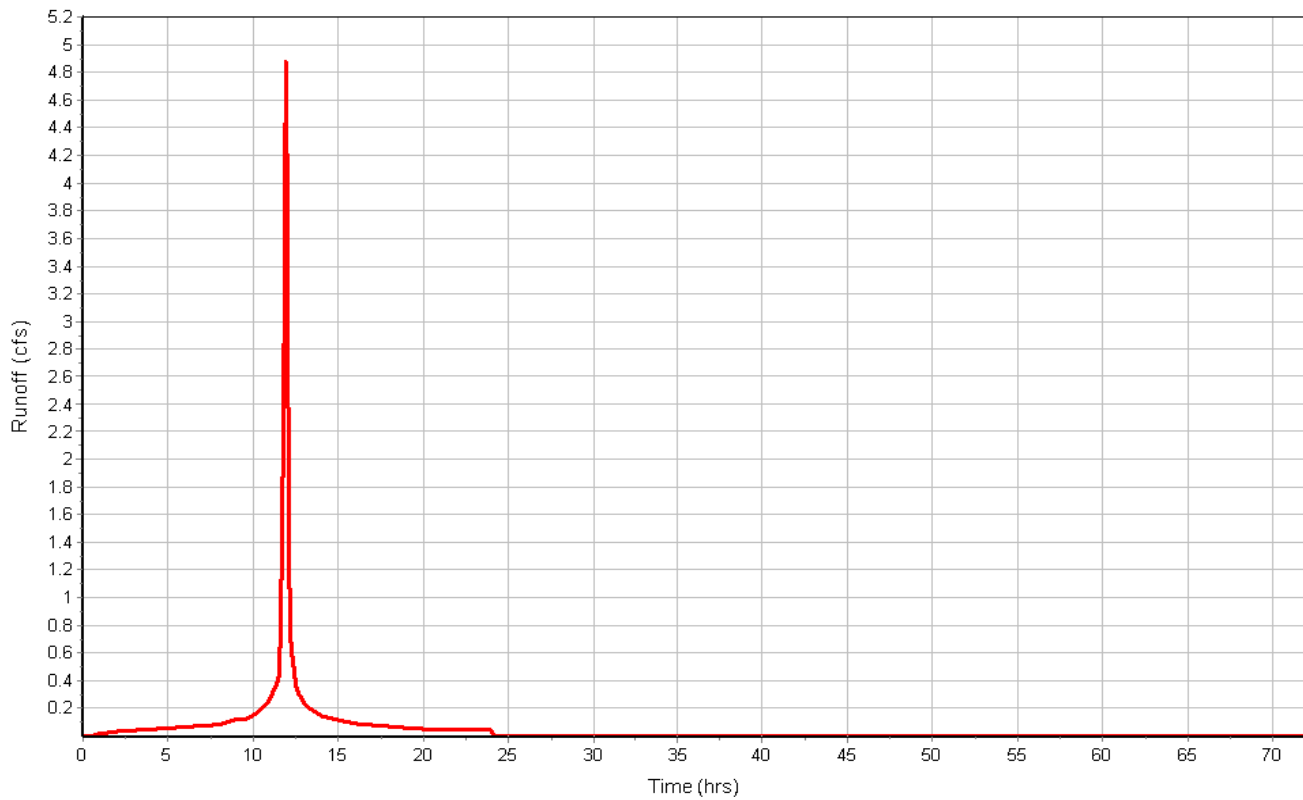
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 4.90
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-204

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-205

Input Data

Area (ac) 0.14
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

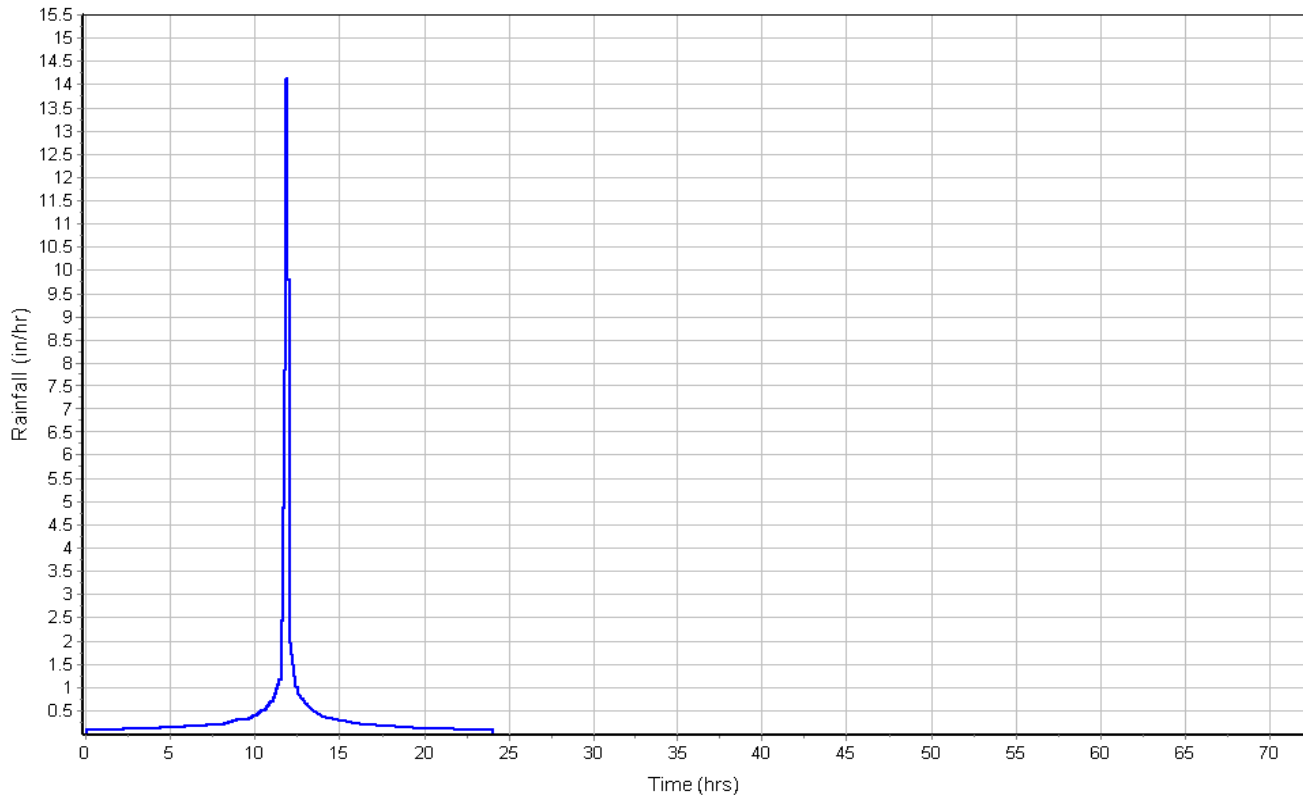
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.14	-	98.00
Composite Area & Weighted CN	0.14		98.00

Subbasin Runoff Results

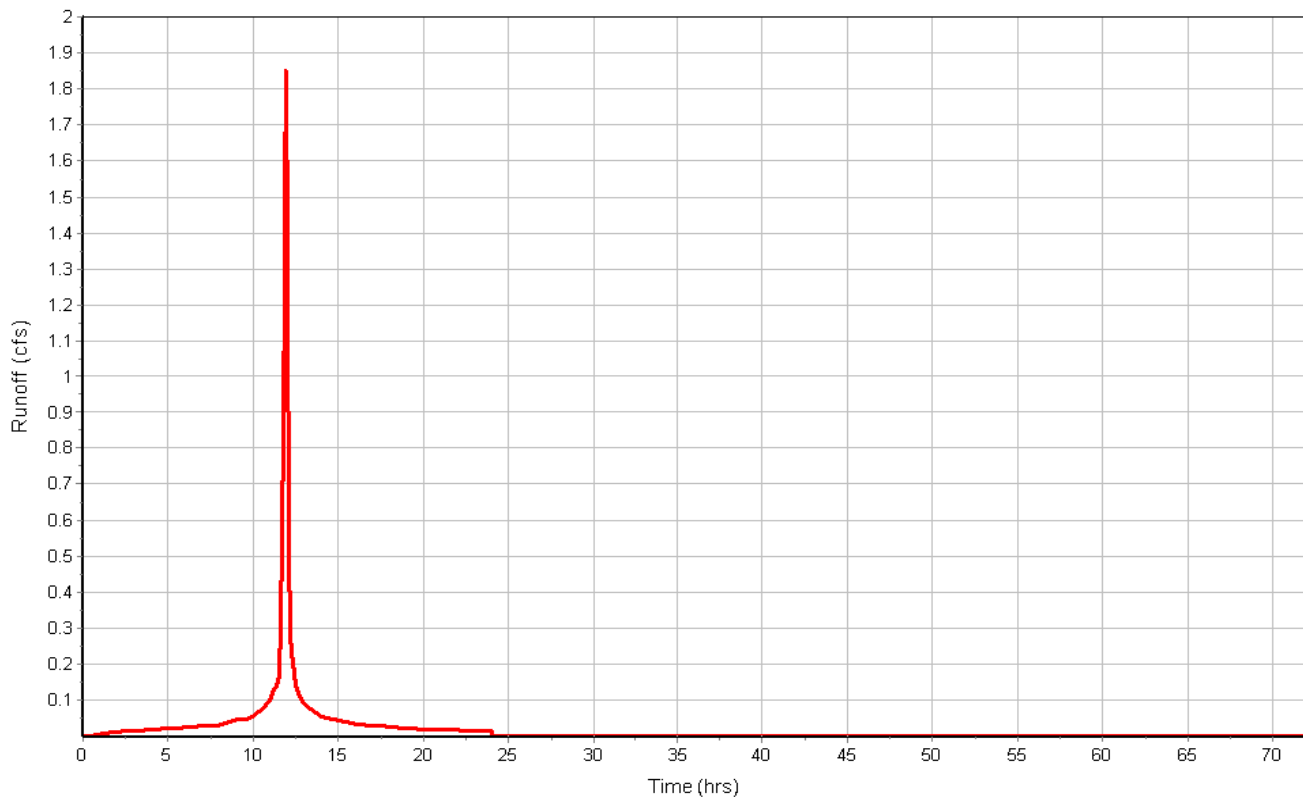
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 1.86
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-205

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-206

Input Data

Area (ac) 0.14
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

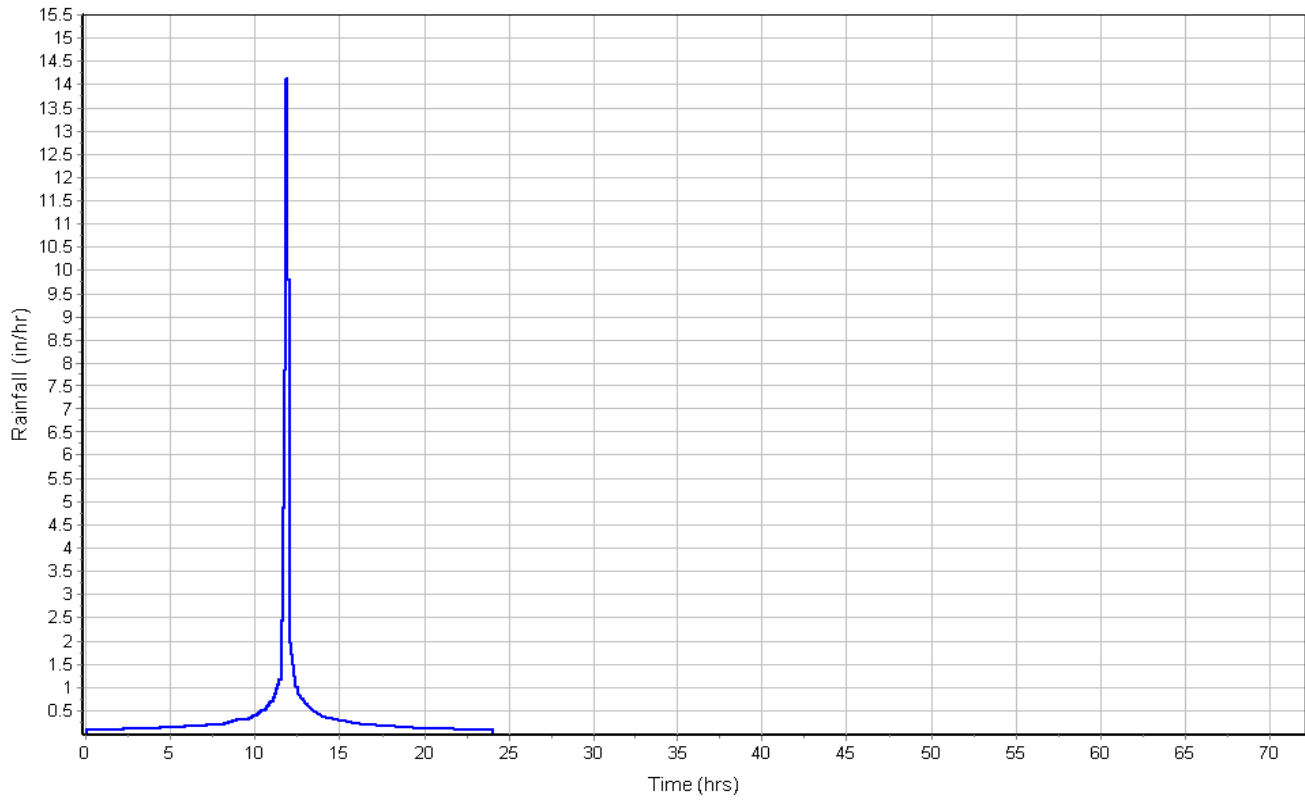
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.14	-	98.00
Composite Area & Weighted CN	0.14		98.00

Subbasin Runoff Results

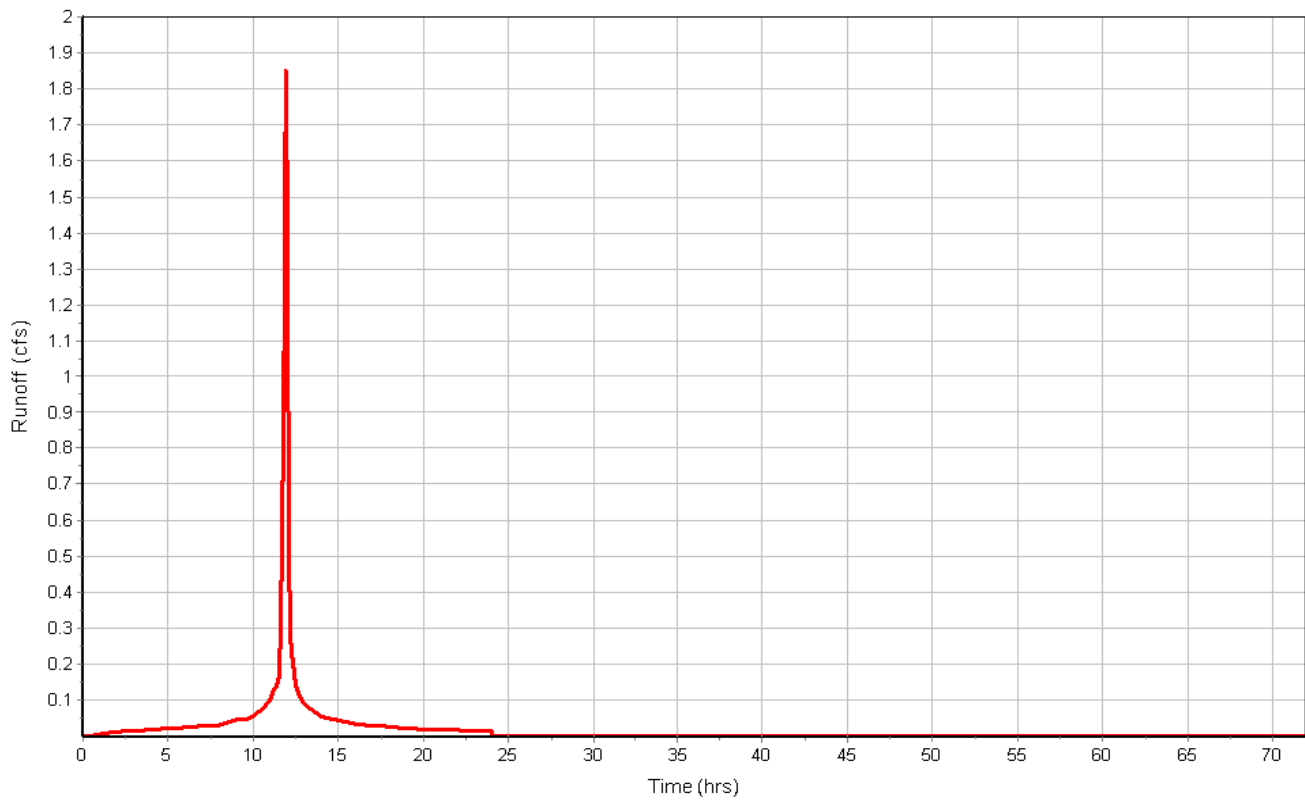
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 1.86
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-206

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-207

Input Data

Area (ac) 0.44
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

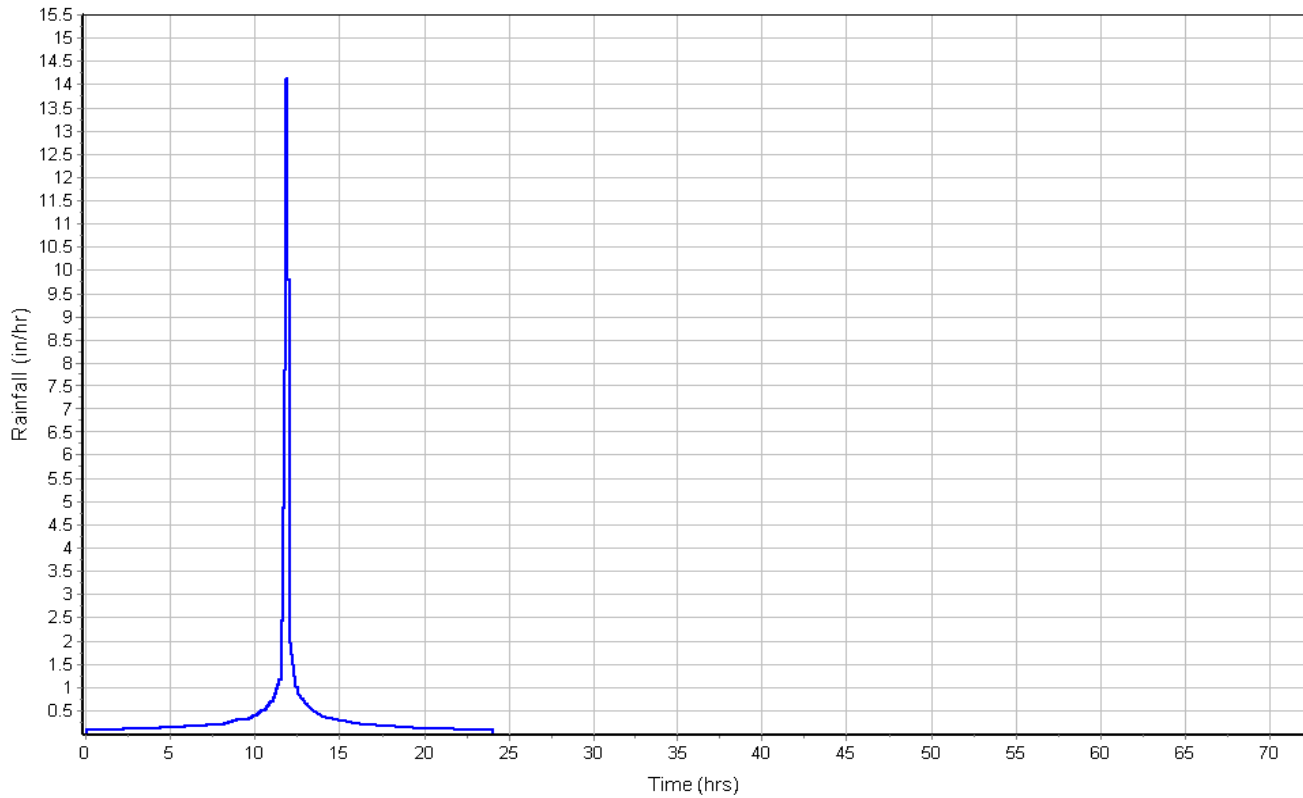
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.44	-	98.00
Composite Area & Weighted CN	0.44		98.00

Subbasin Runoff Results

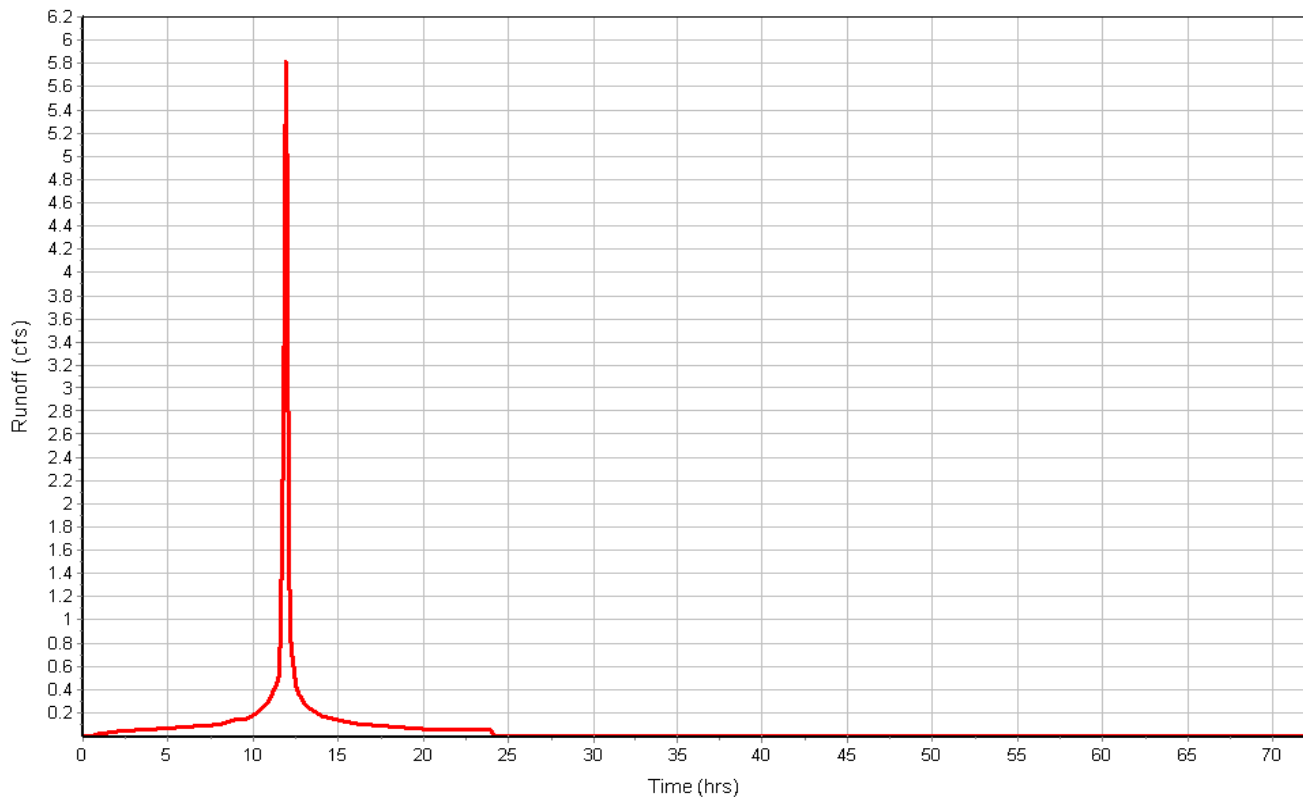
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 5.83
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-207

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-300

Input Data

Area (ac) 0.47
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

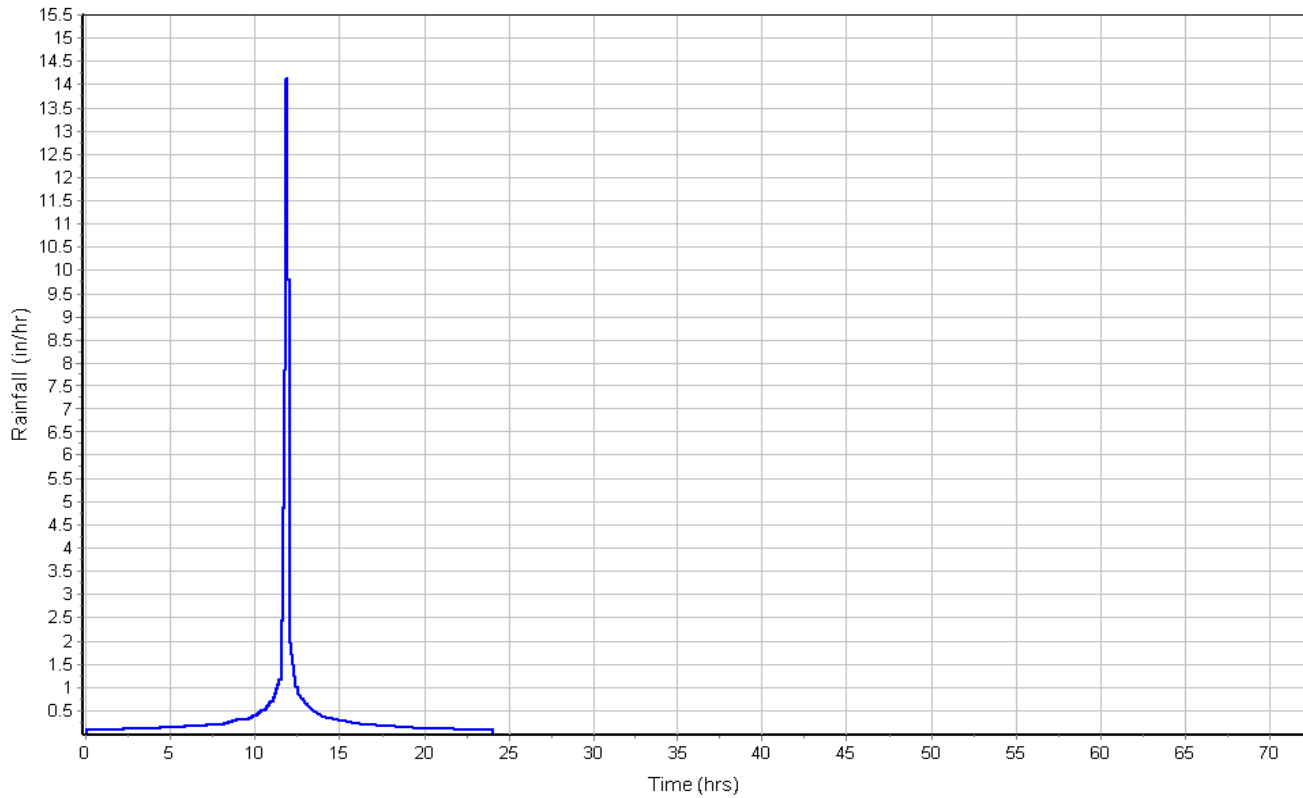
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.47	-	98.00
Composite Area & Weighted CN	0.47		98.00

Subbasin Runoff Results

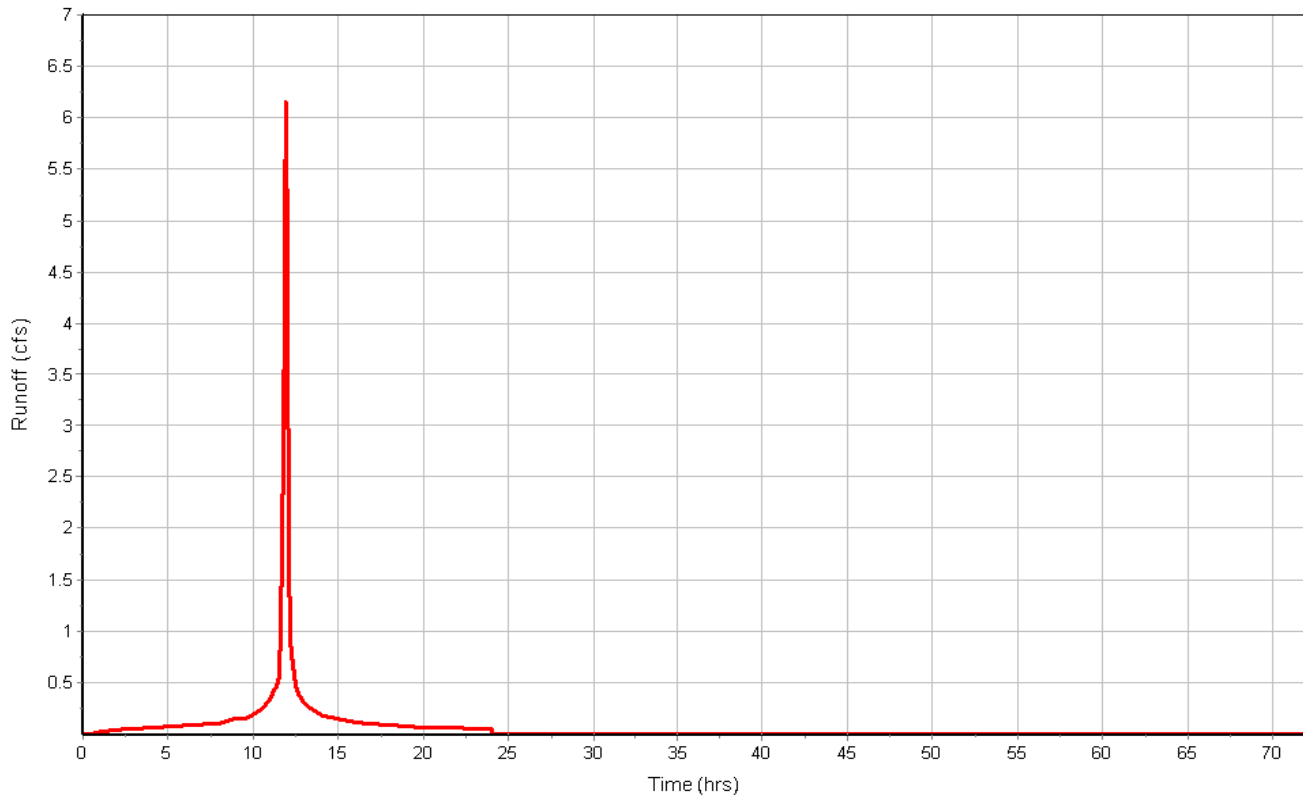
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 6.17
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-300

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-301

Input Data

Area (ac) 0.34
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

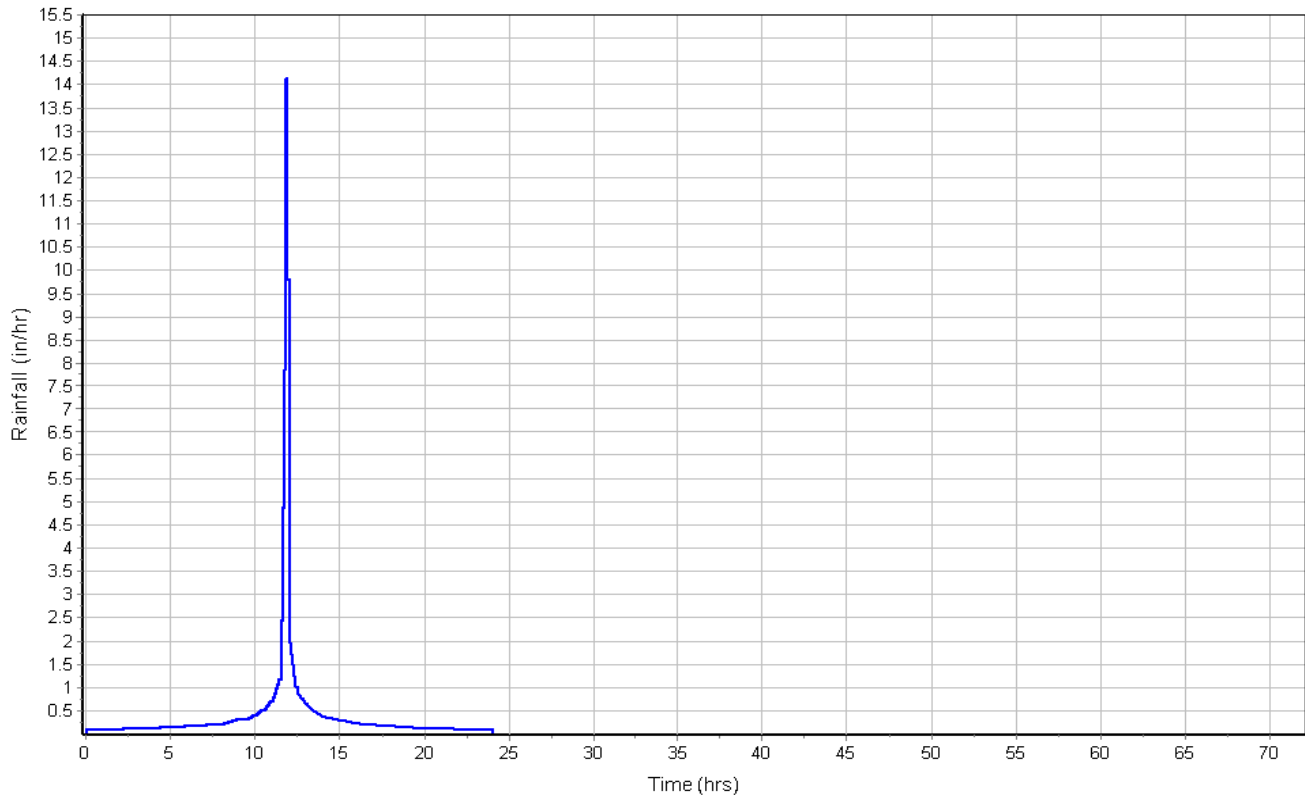
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.45	-	98.00
Composite Area & Weighted CN	0.45		98.00

Subbasin Runoff Results

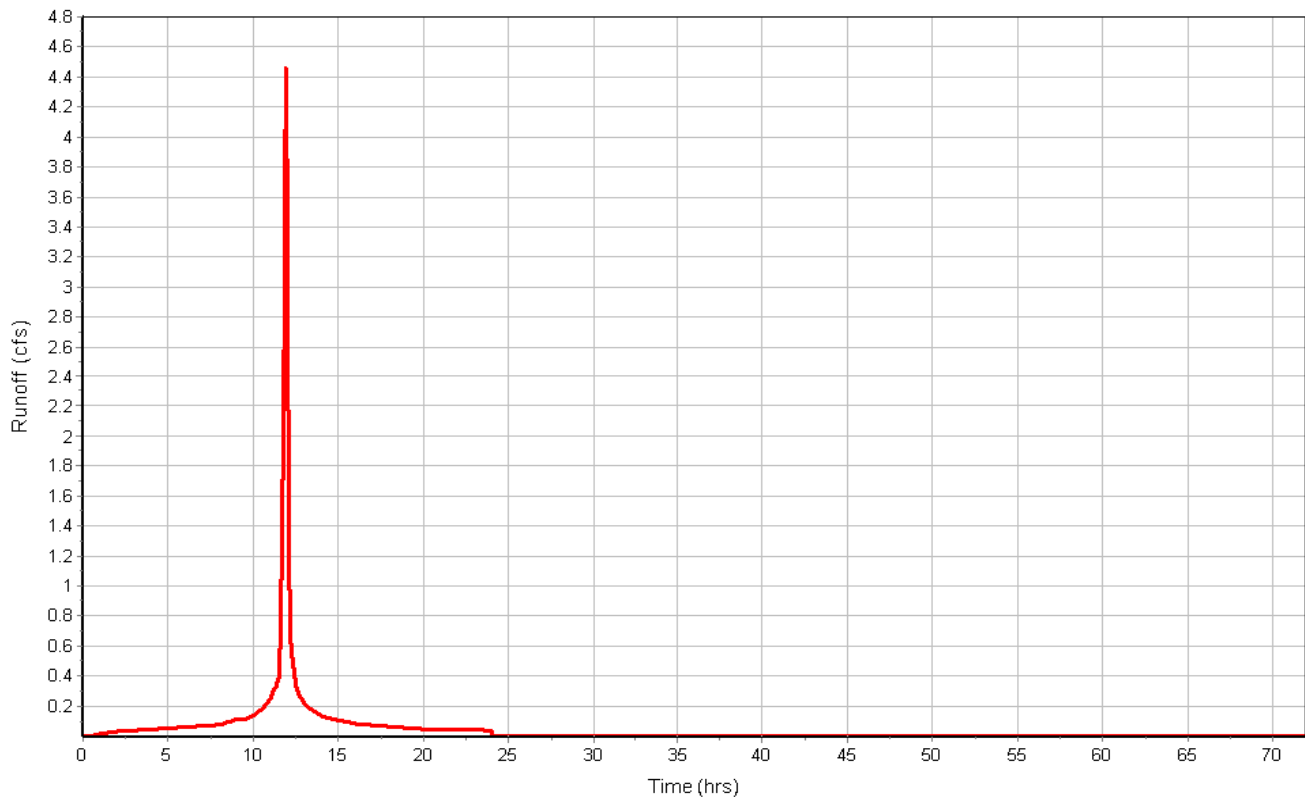
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 4.48
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-301

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-400

Input Data

Area (ac) 0.30
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

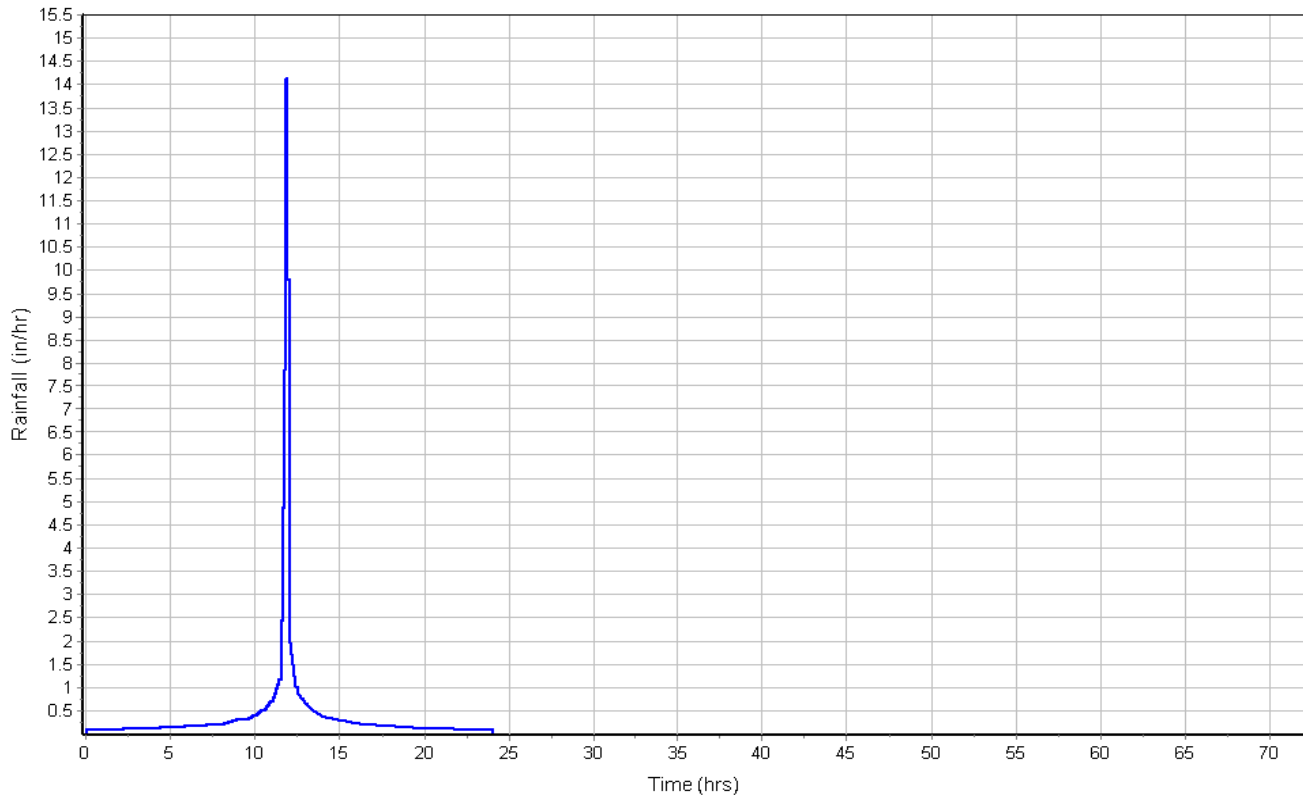
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.30	-	98.00
Composite Area & Weighted CN	0.30		98.00

Subbasin Runoff Results

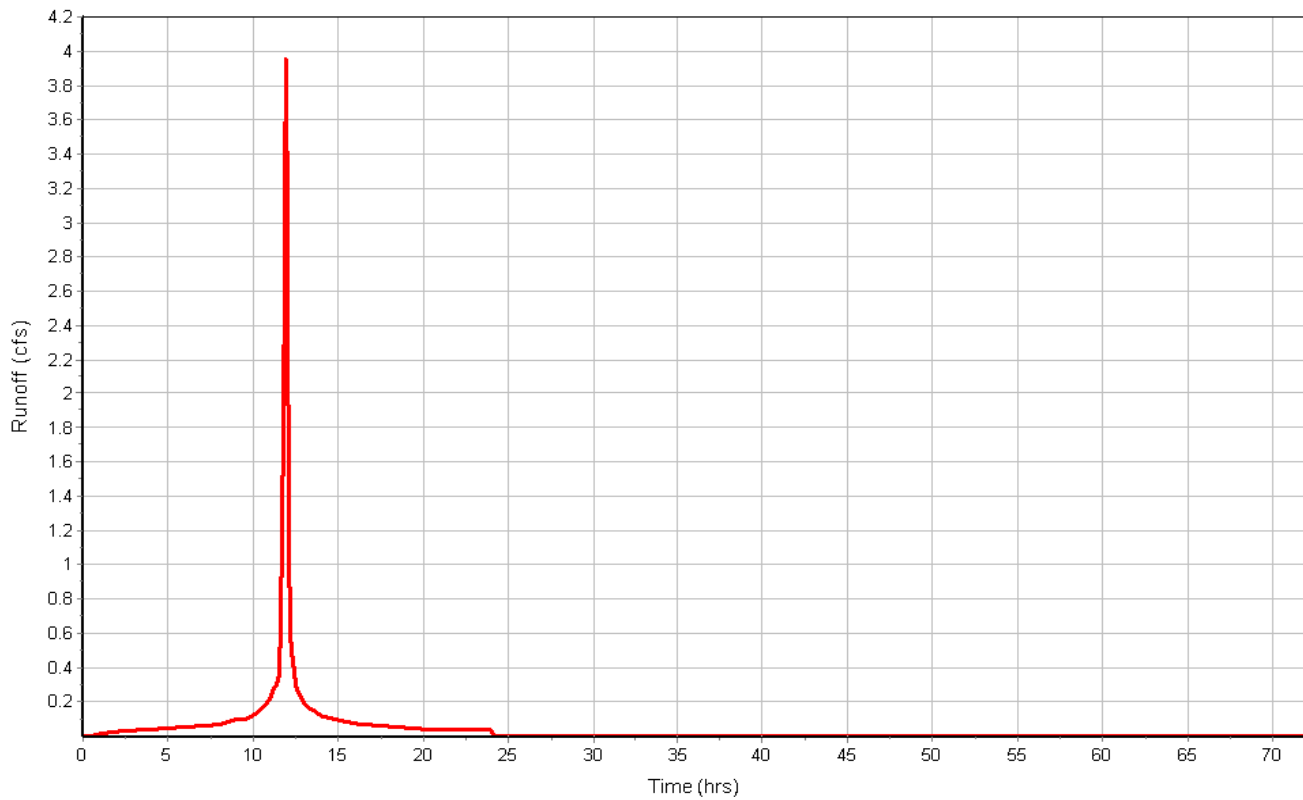
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 3.97
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-400

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-602

Input Data

Area (ac) 0.27
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

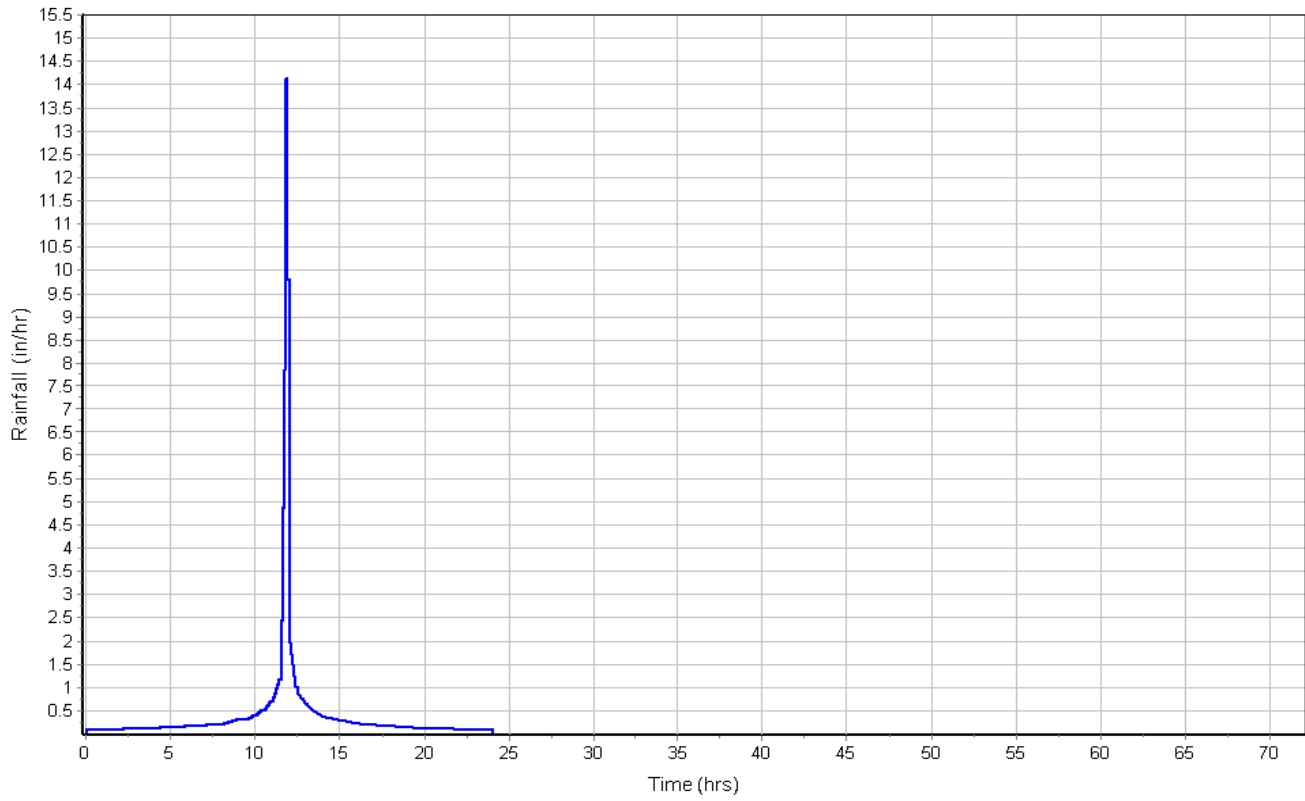
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.30	-	98.00
Composite Area & Weighted CN	0.30		98.00

Subbasin Runoff Results

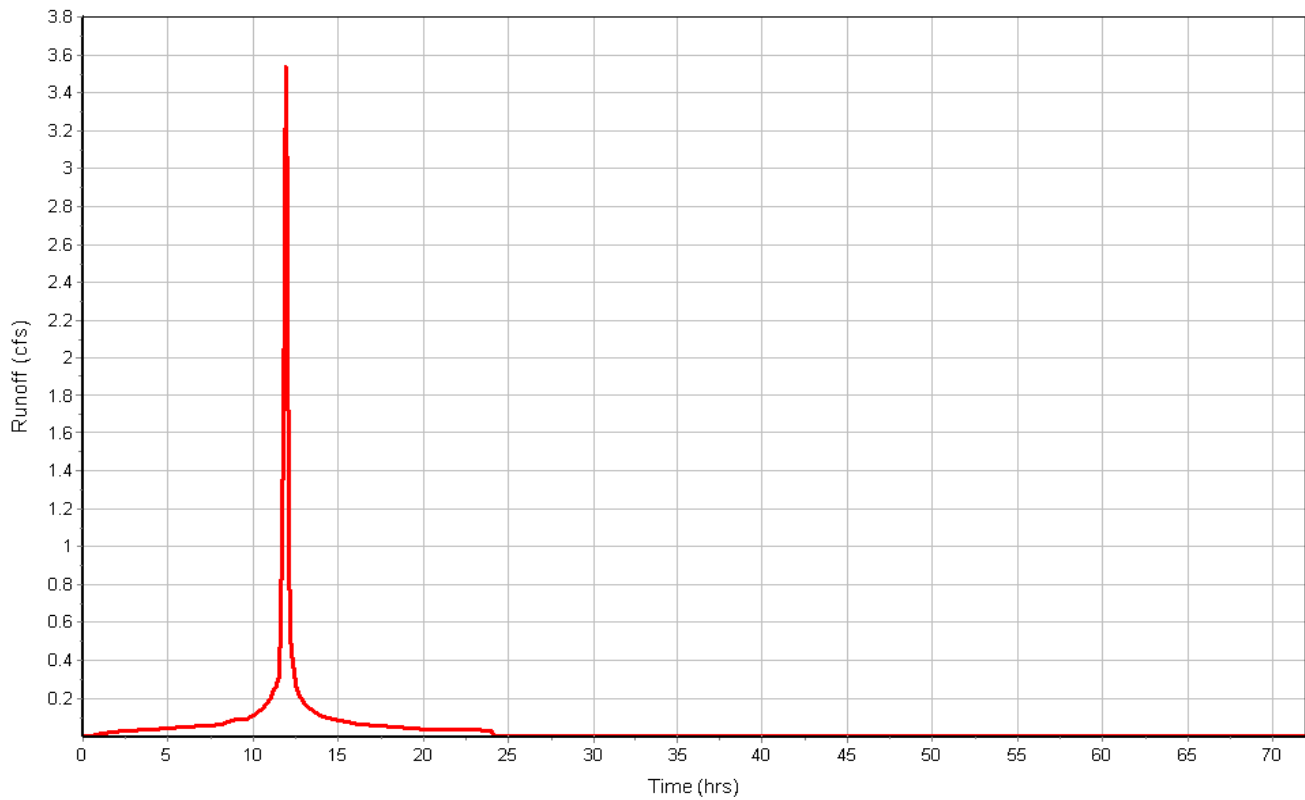
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 3.55
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-602

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-603

Input Data

Area (ac) 0.38
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

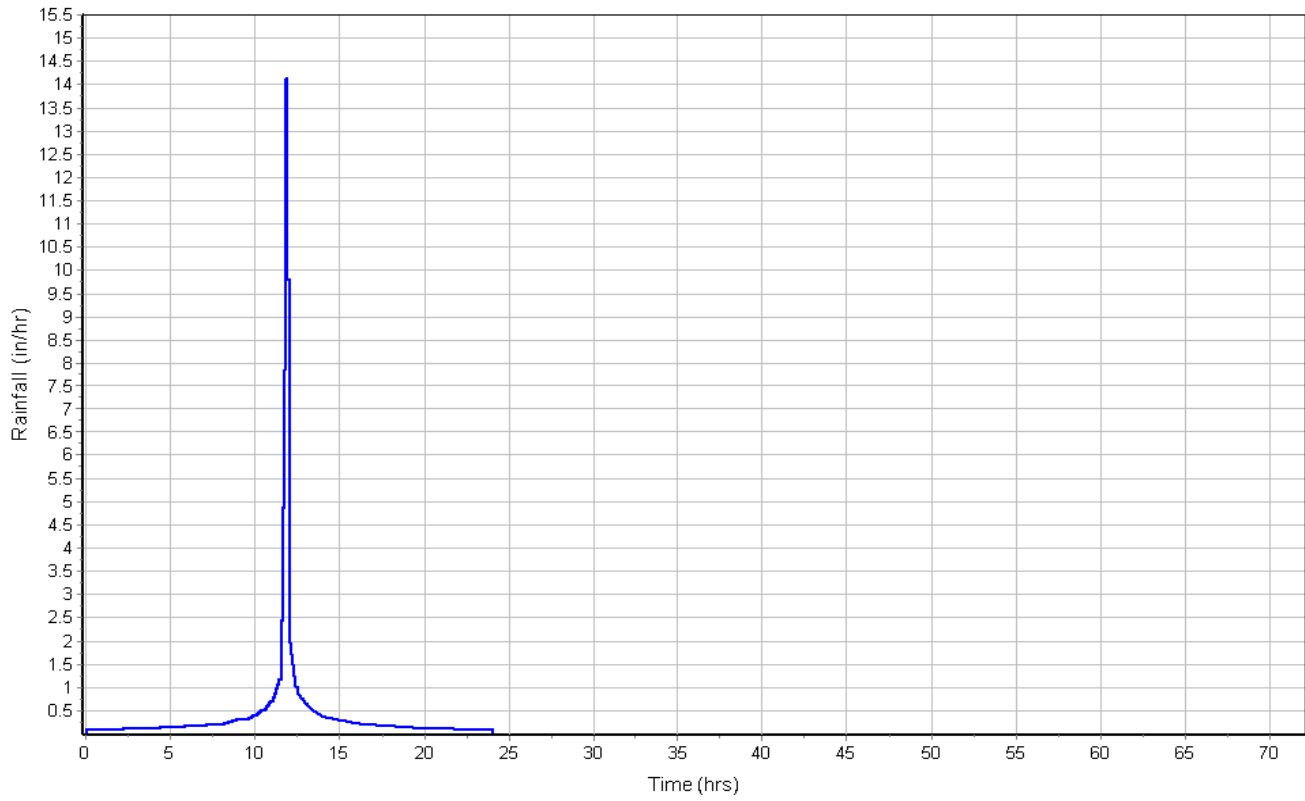
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.47	-	98.00
Composite Area & Weighted CN	0.47		98.00

Subbasin Runoff Results

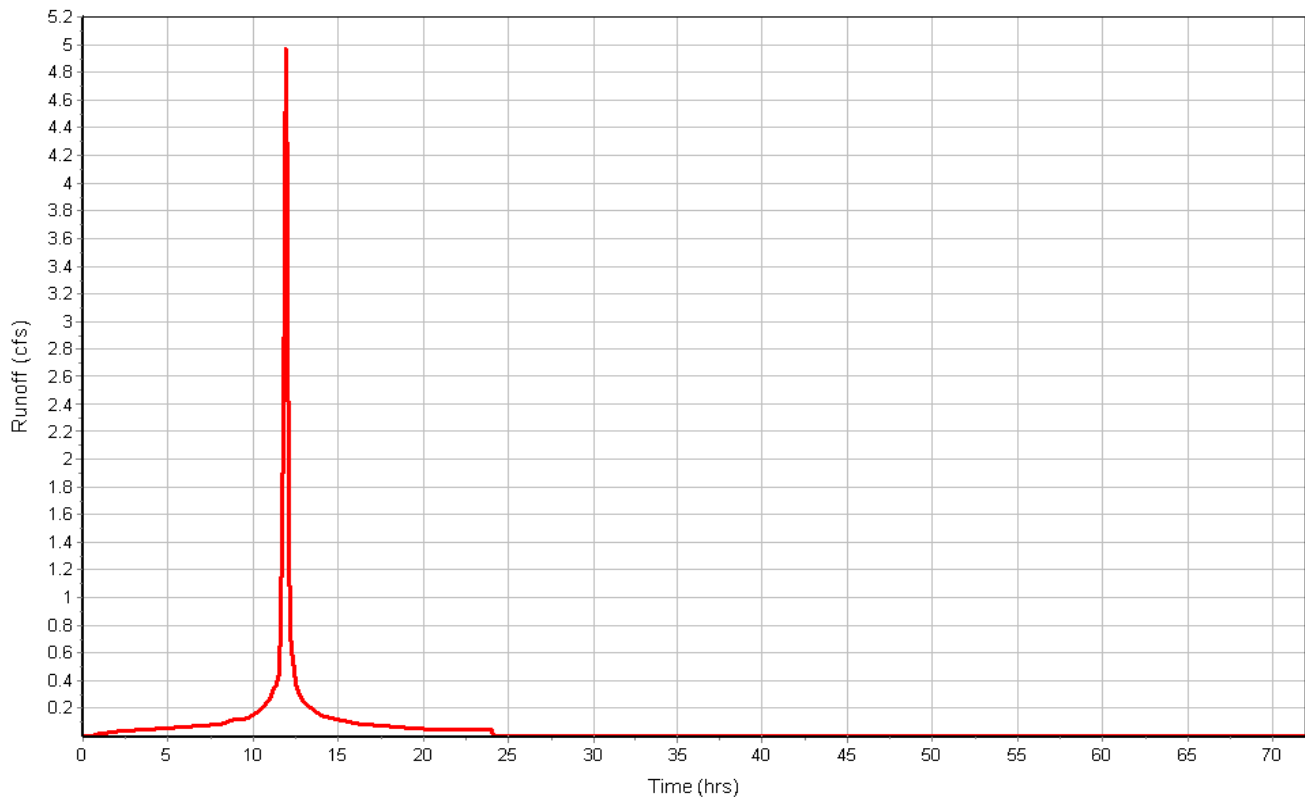
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 4.99
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-603

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-604

Input Data

Area (ac) 0.45
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

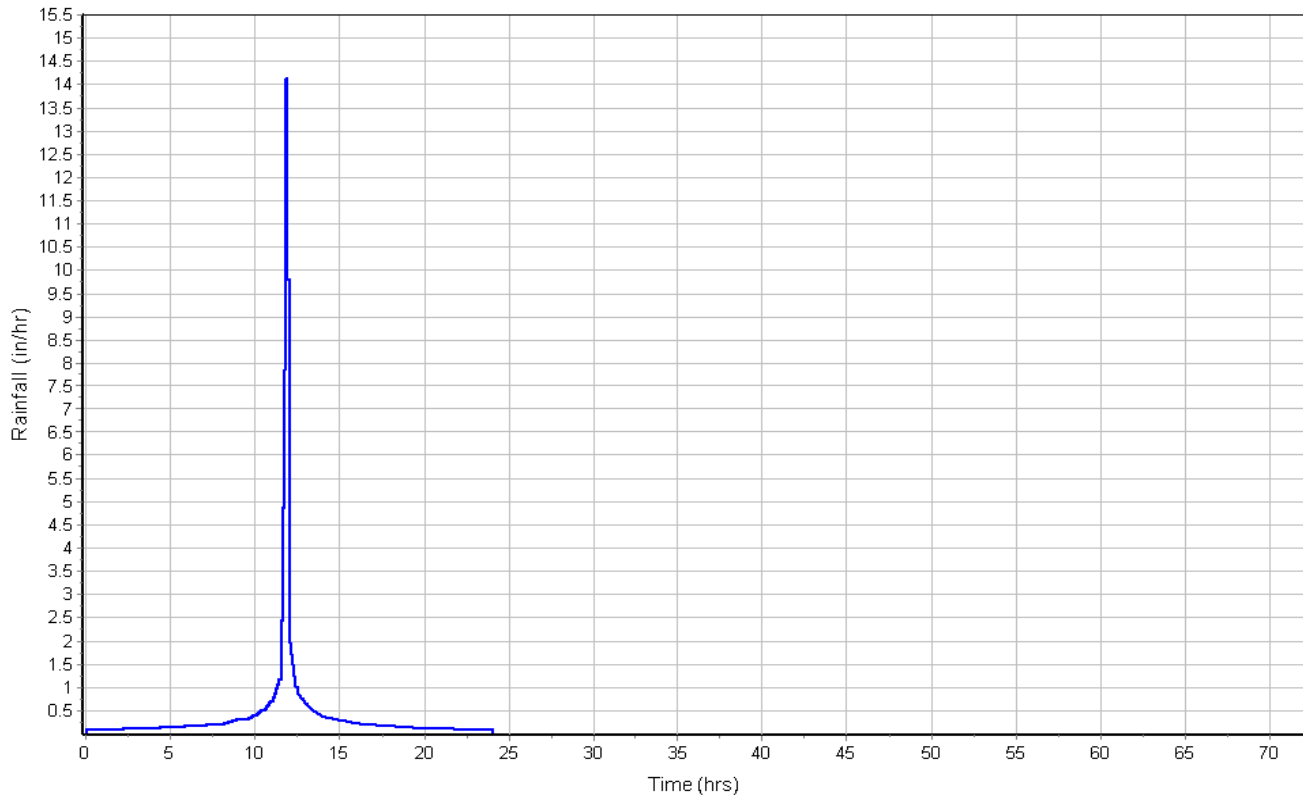
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.60	-	98.00
Composite Area & Weighted CN	0.60		98.00

Subbasin Runoff Results

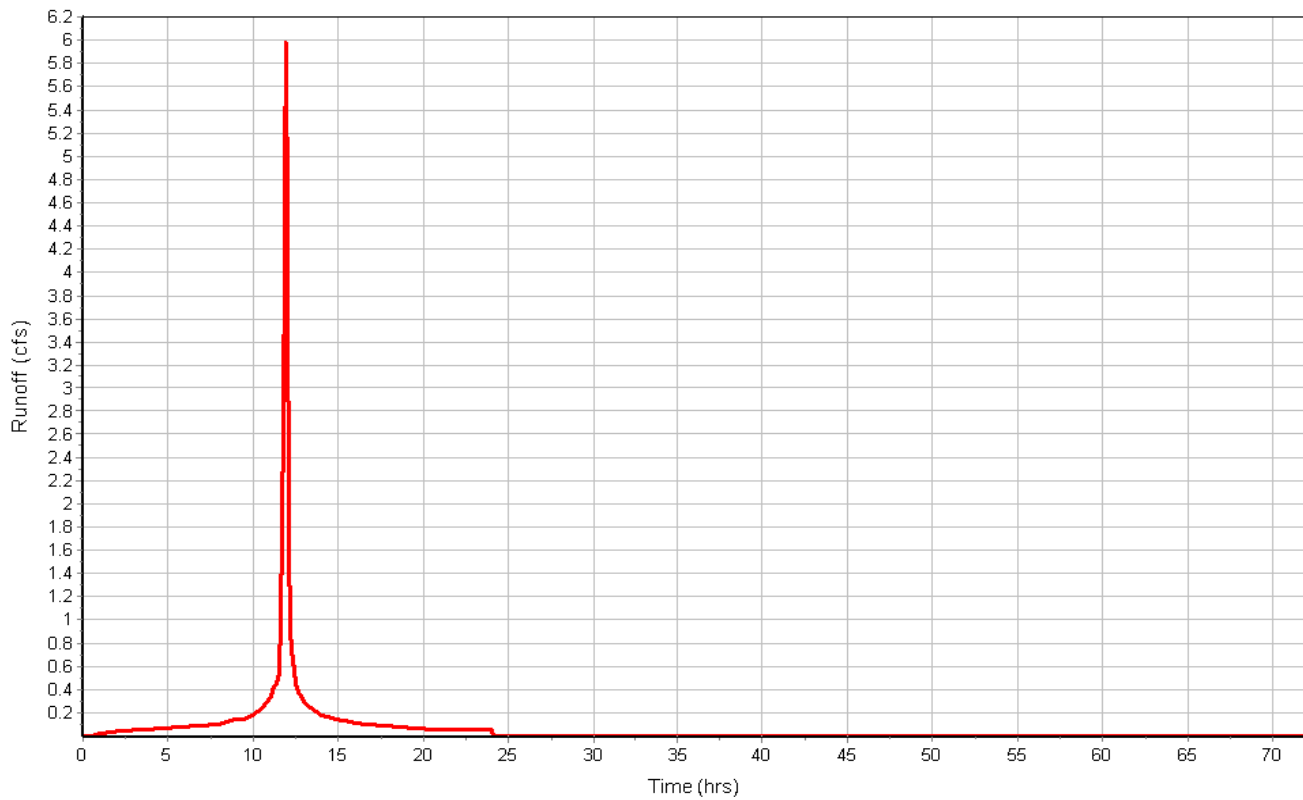
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 6.00
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-604

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-605

Input Data

Area (ac) 0.17
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

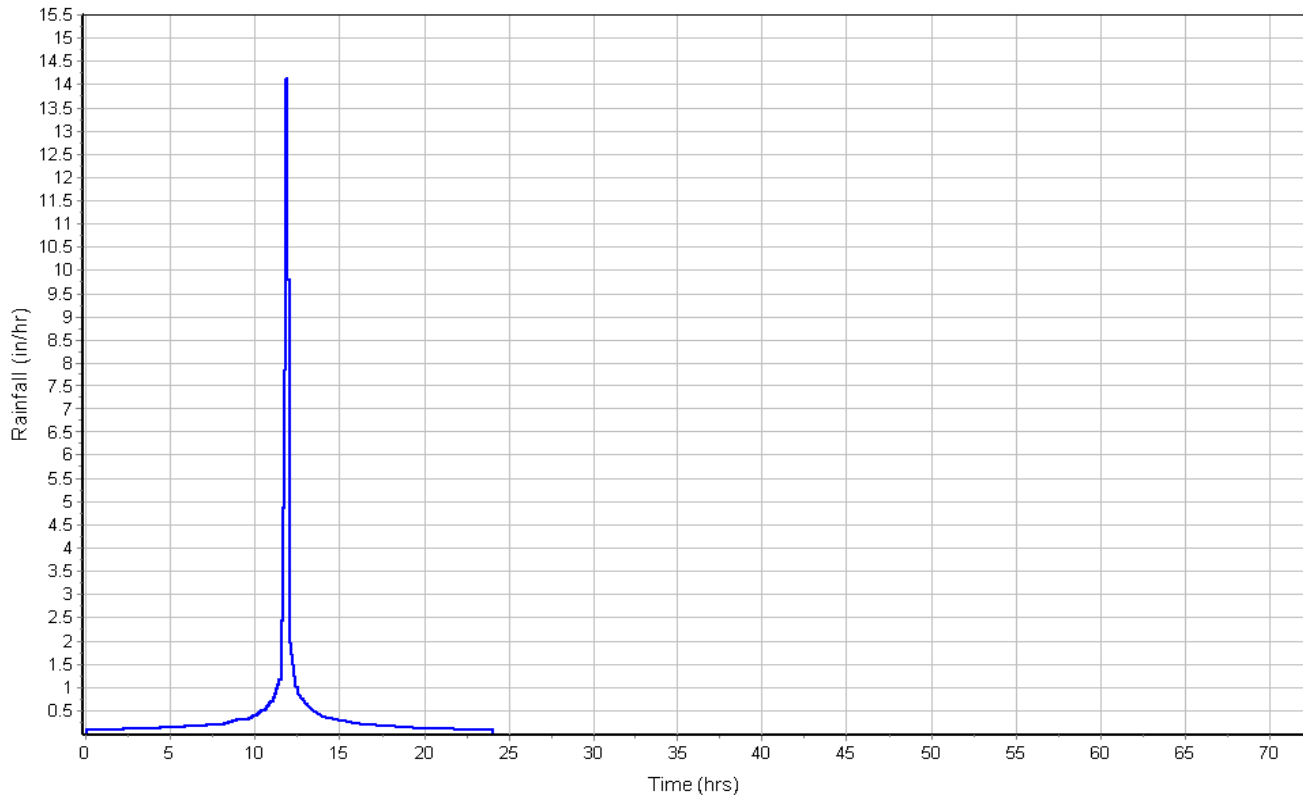
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	5.00	-	98.00
Composite Area & Weighted CN	5.00		98.00

Subbasin Runoff Results

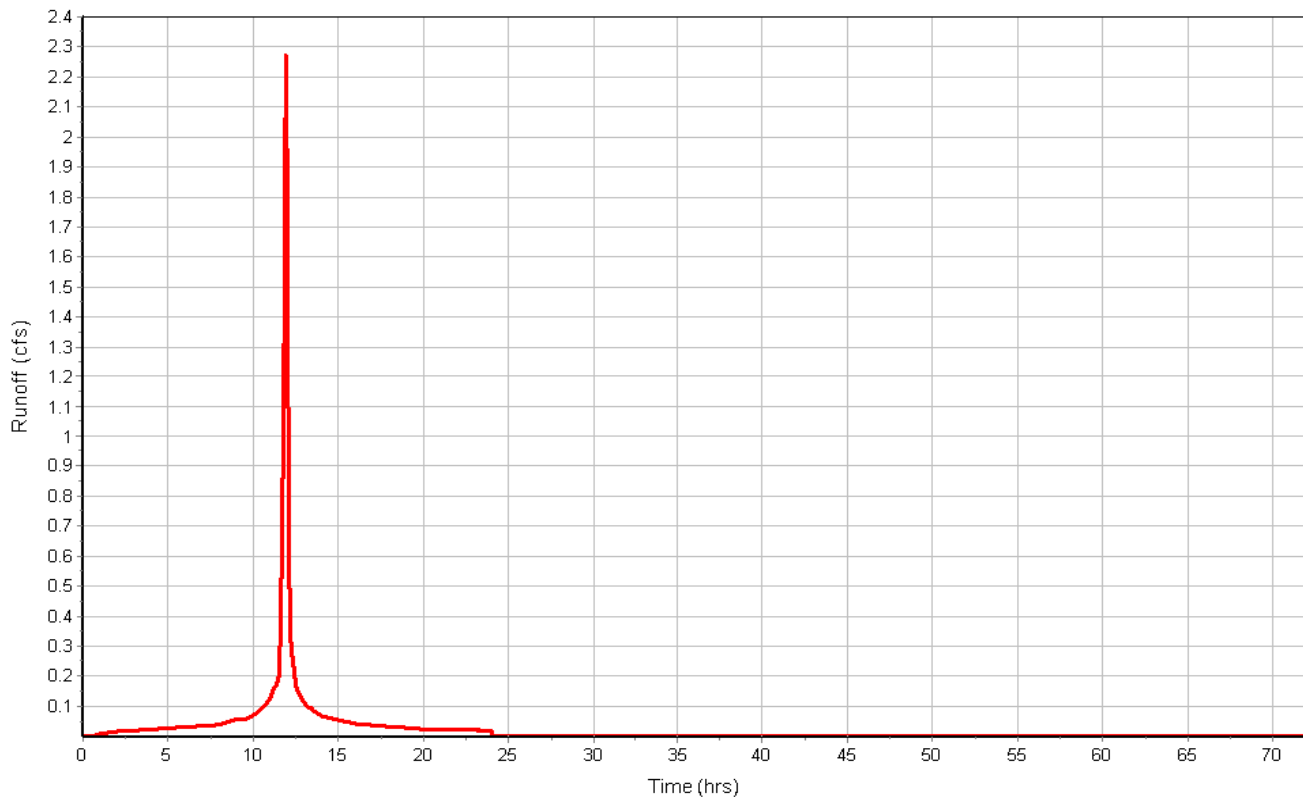
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 2.28
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-605

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-606

Input Data

Area (ac) 0.22
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

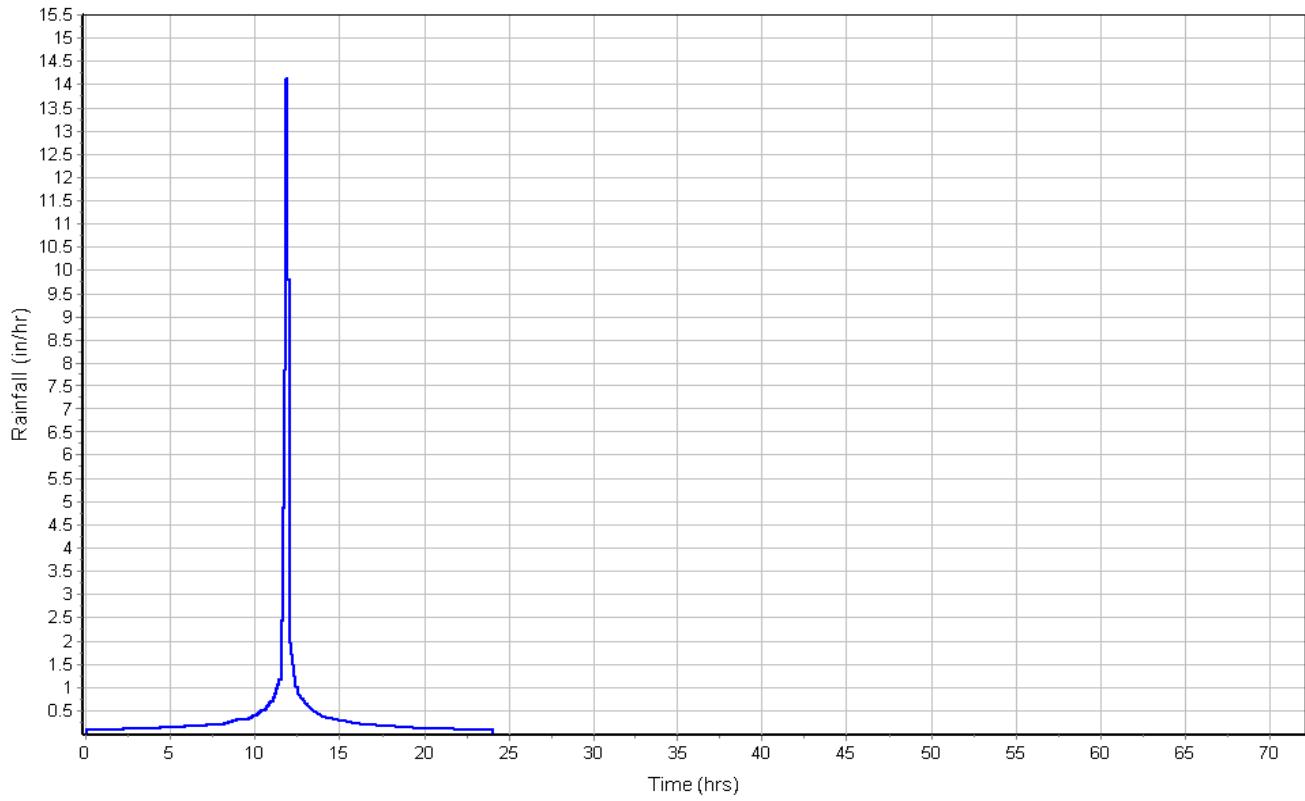
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.22	-	98.00
Composite Area & Weighted CN	0.22		98.00

Subbasin Runoff Results

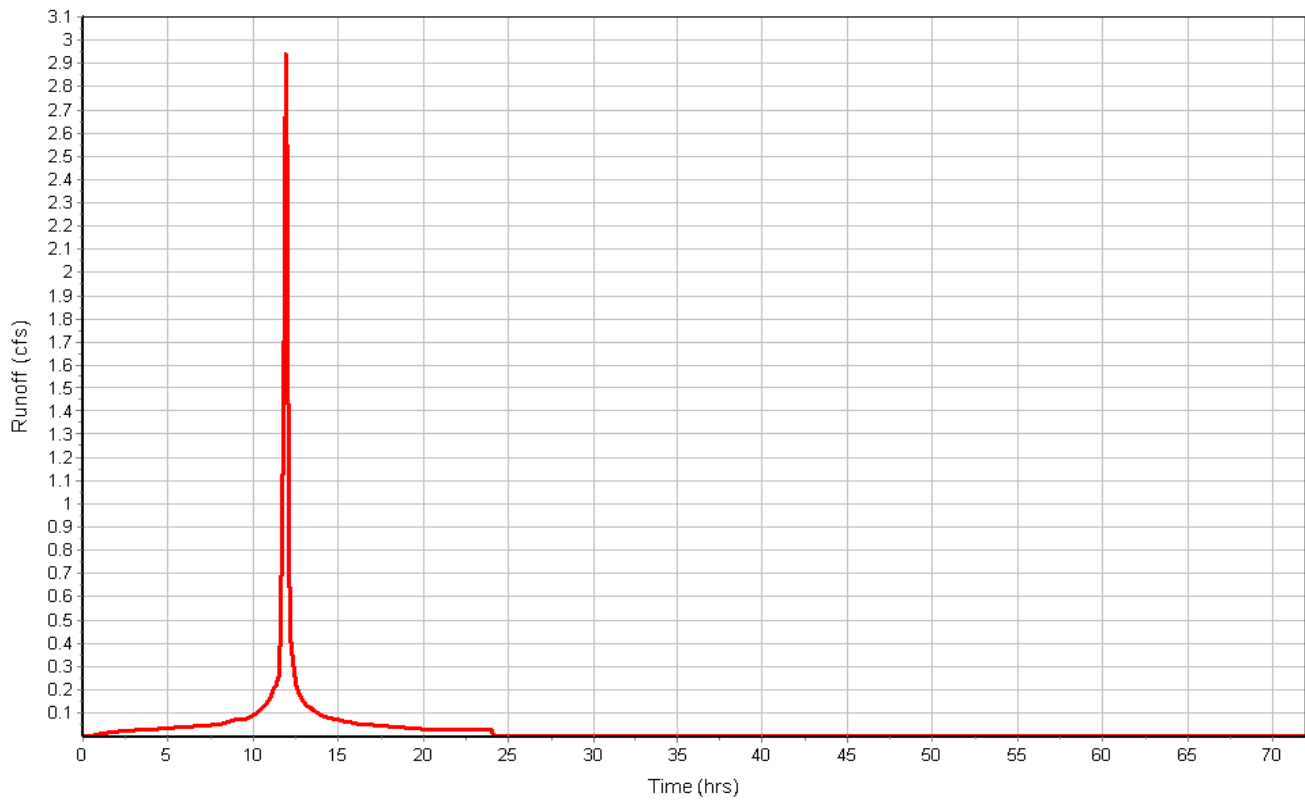
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 2.96
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-606

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-607

Input Data

Area (ac) 0.34
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

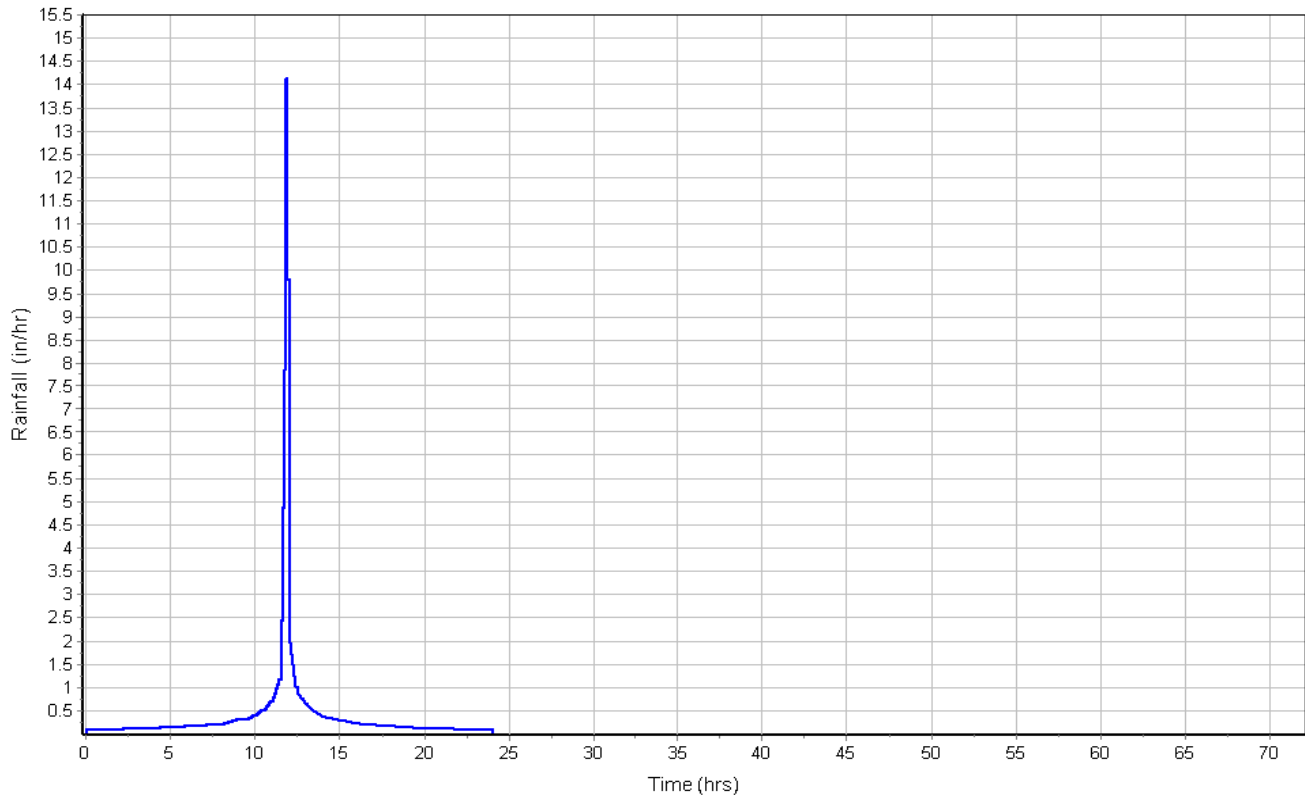
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.43	-	98.00
Composite Area & Weighted CN	0.43		98.00

Subbasin Runoff Results

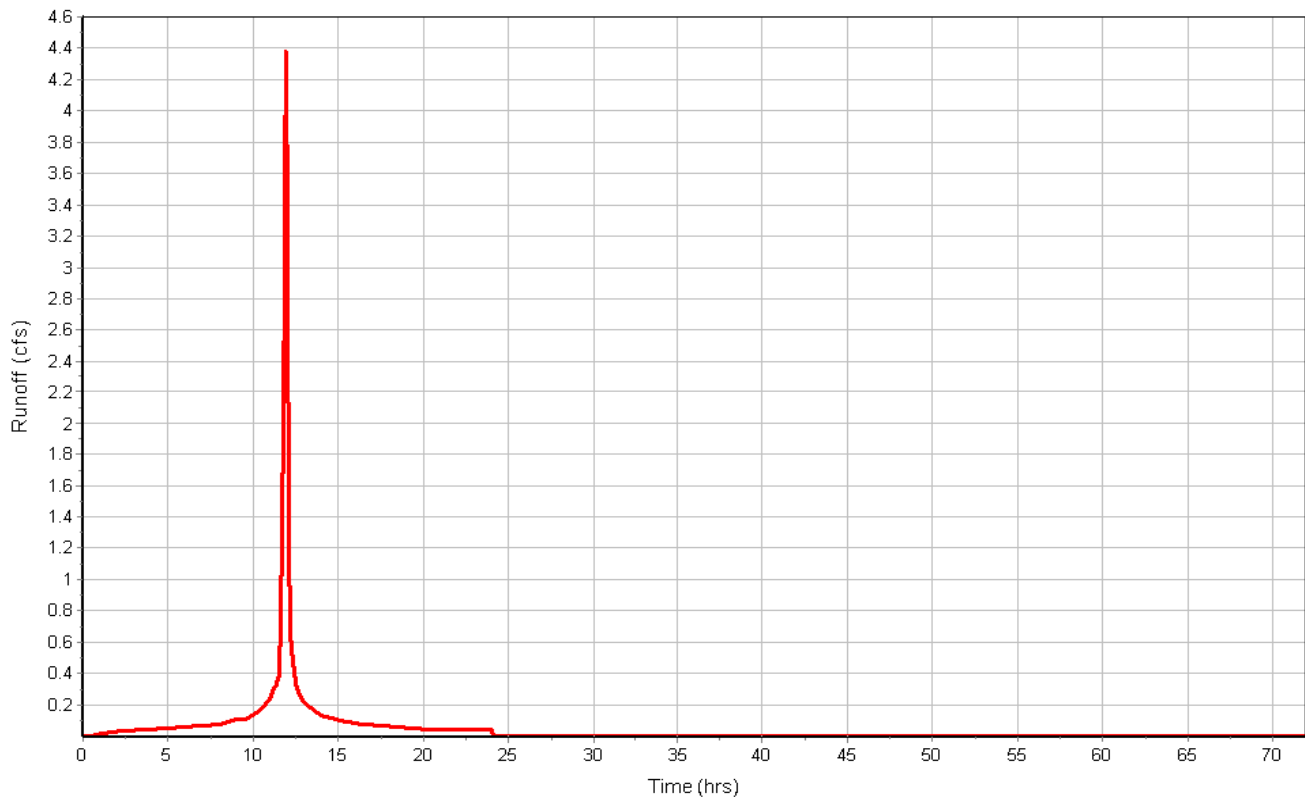
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 4.39
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-607

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-608_1

Input Data

Area (ac) 0.36
Weighted Curve Number 57.00
Rain Gage ID SEMINOLE

Composite Curve Number

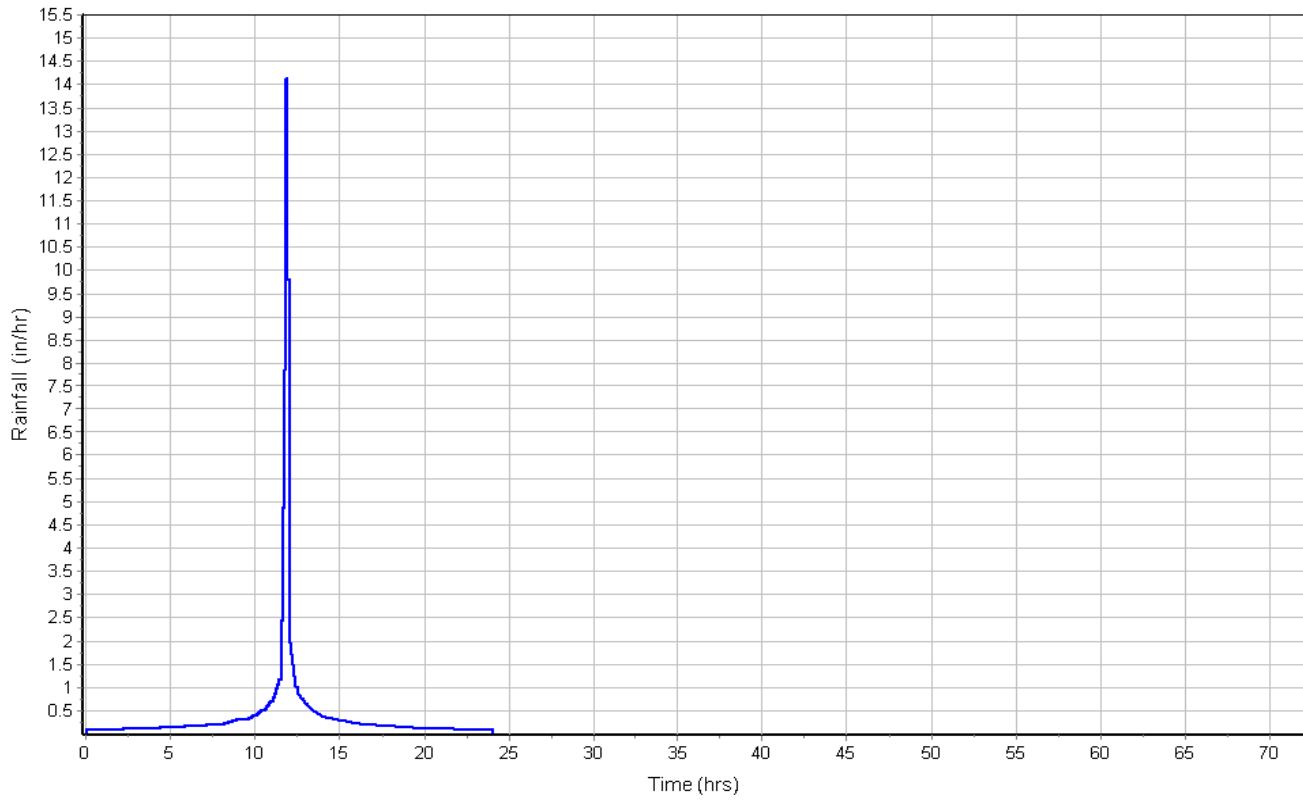
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.33	-	57.00
Composite Area & Weighted CN	0.33		57.00

Subbasin Runoff Results

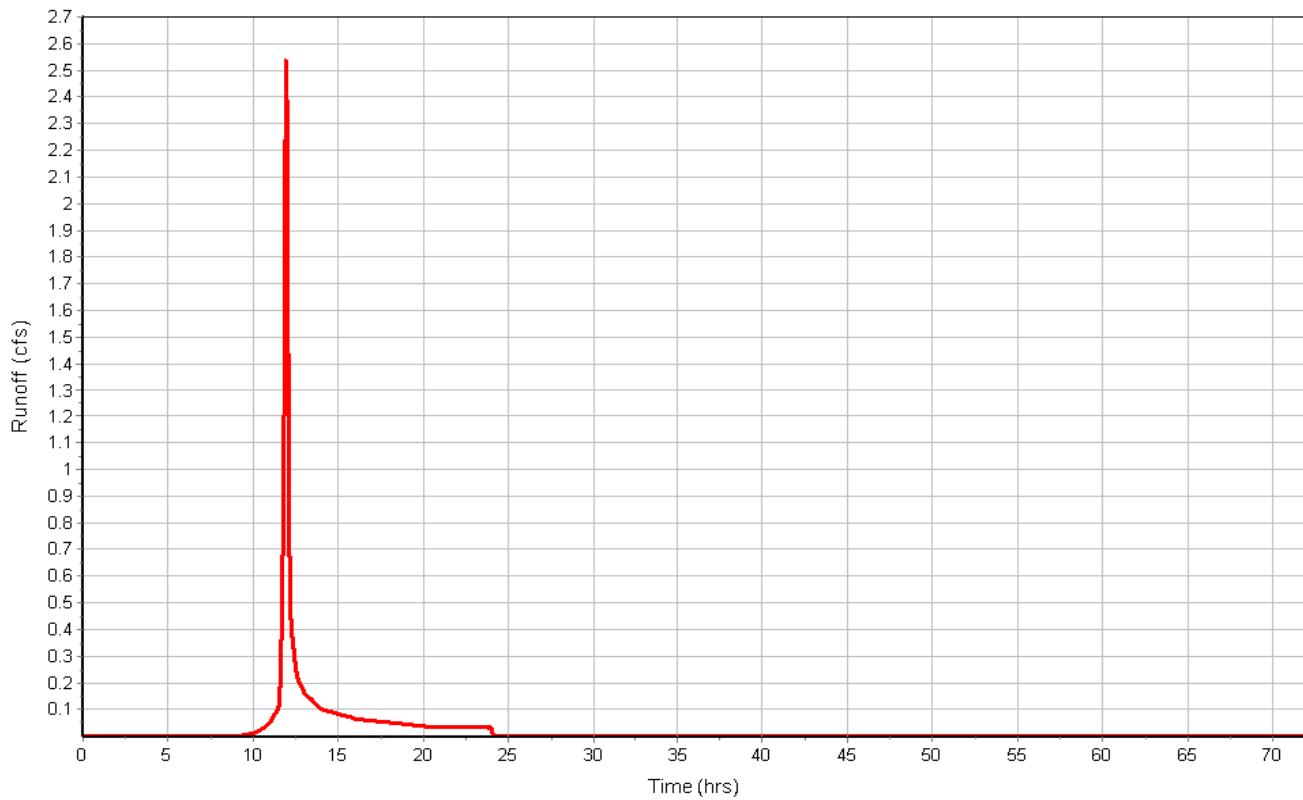
Total Rainfall (in) 10.30
Total Runoff (in) 4.73
Peak Runoff (cfs) 2.61
Weighted Curve Number 57.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-608_1

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-608_2

Input Data

Area (ac) 0.10
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

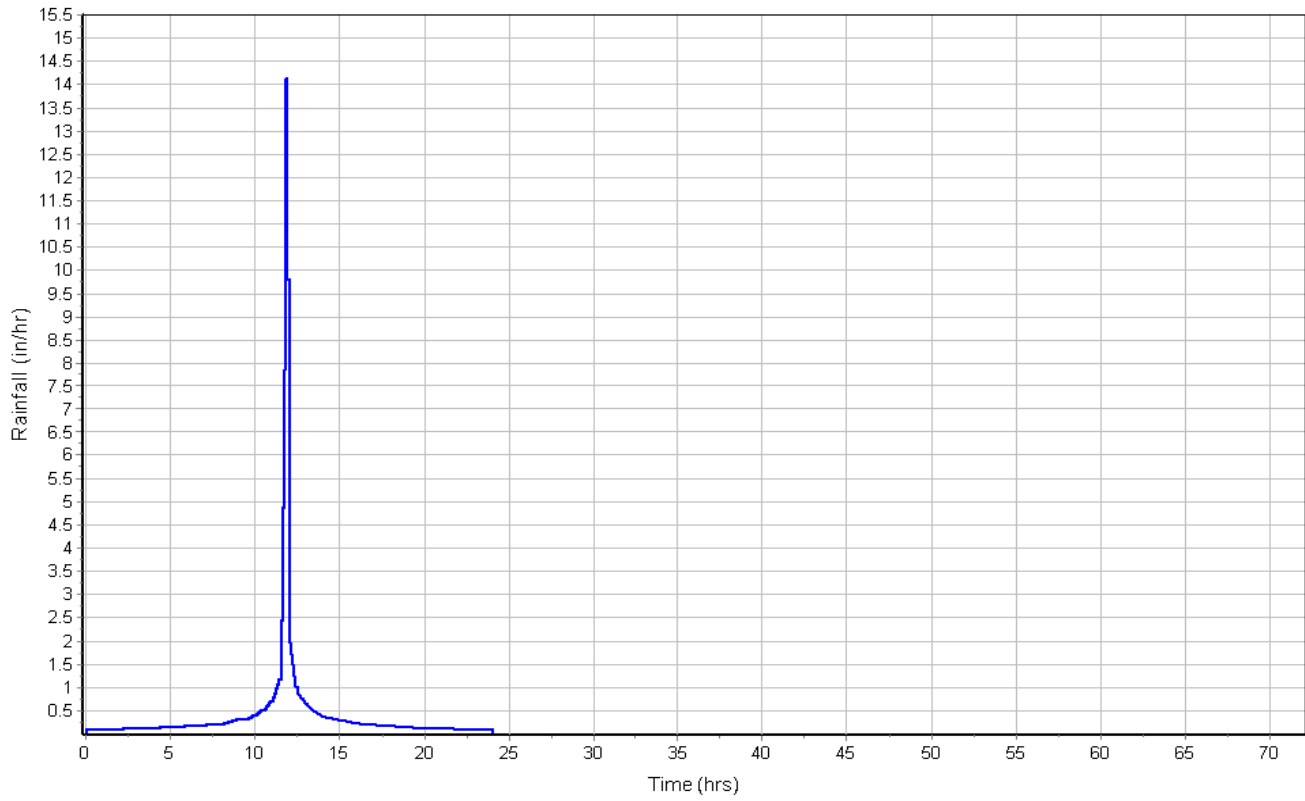
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.13	-	98.00
Composite Area & Weighted CN	0.13		98.00

Subbasin Runoff Results

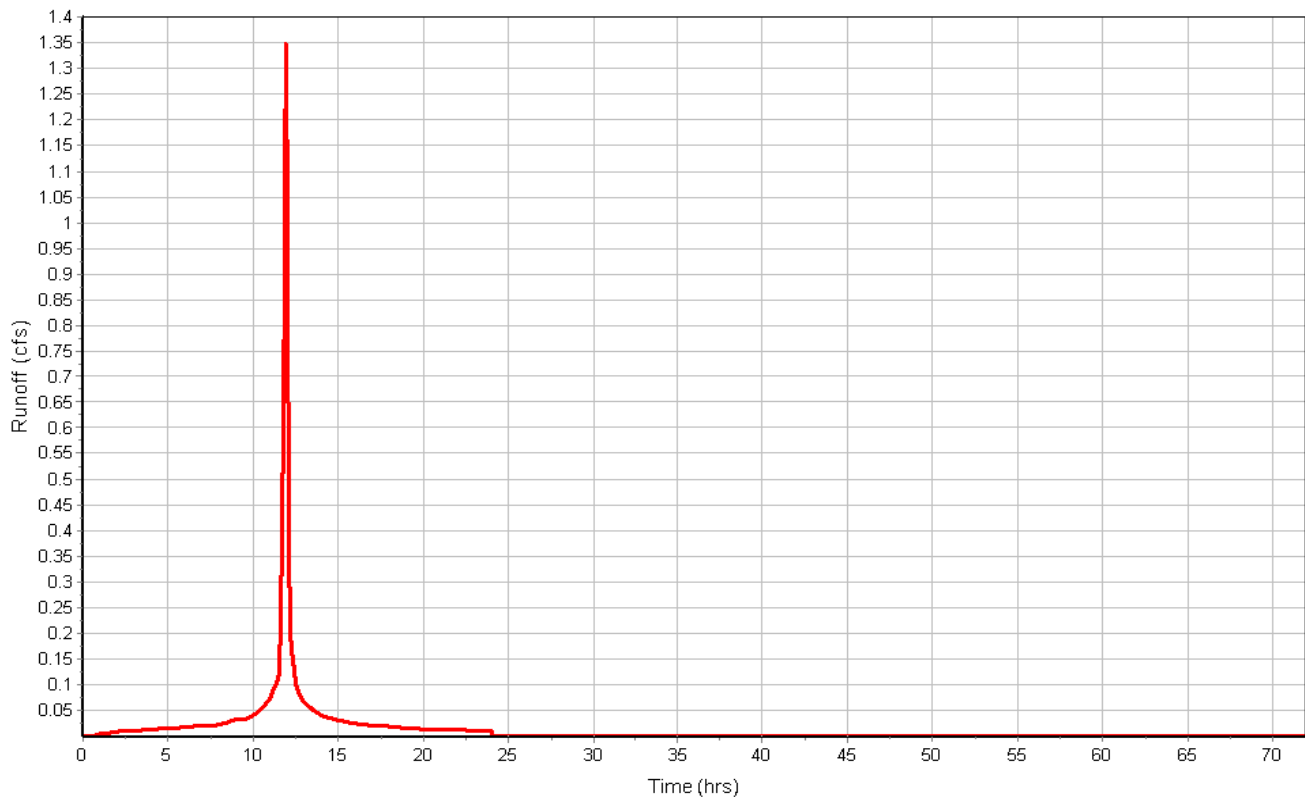
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 1.35
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-608_2

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-608_3

Input Data

Area (ac) 0.27
Weighted Curve Number 51.00
Rain Gage ID SEMINOLE

Composite Curve Number

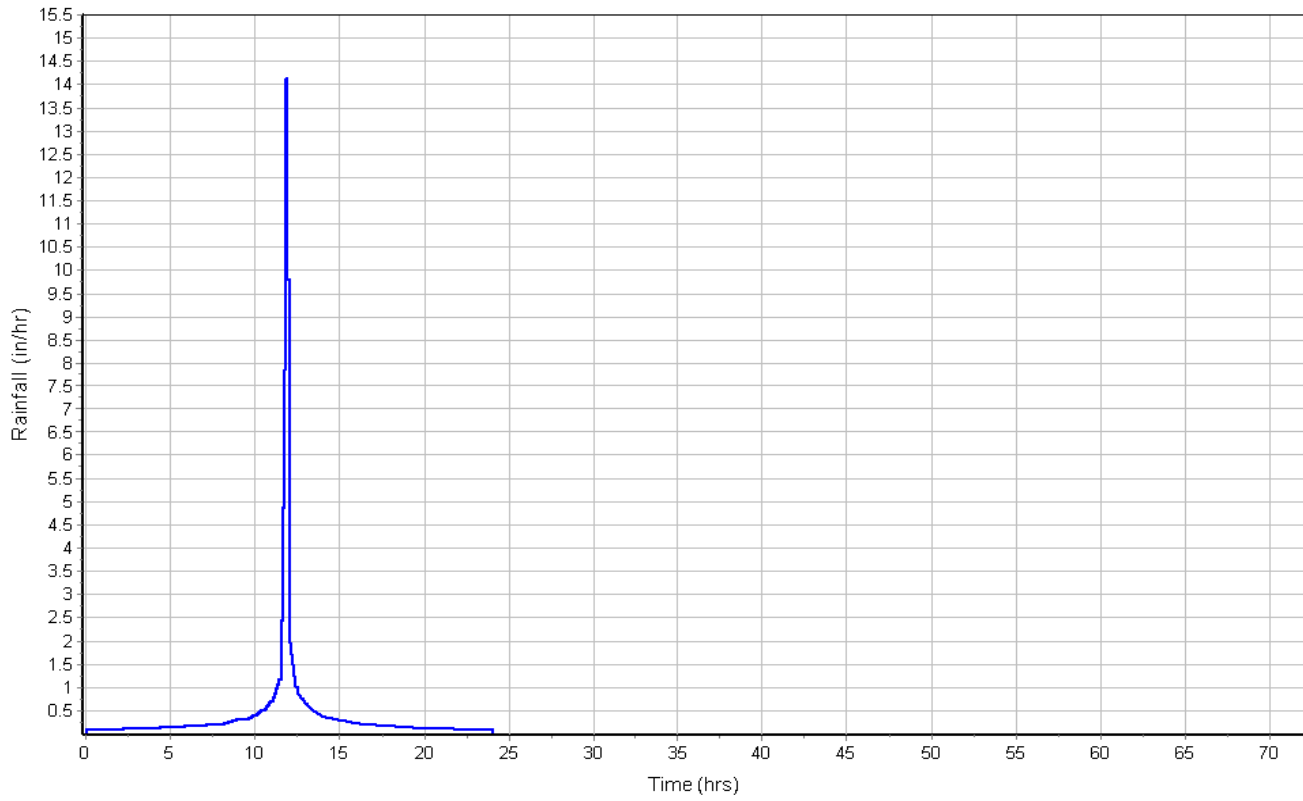
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.27	-	51.00
Composite Area & Weighted CN	0.27		51.00

Subbasin Runoff Results

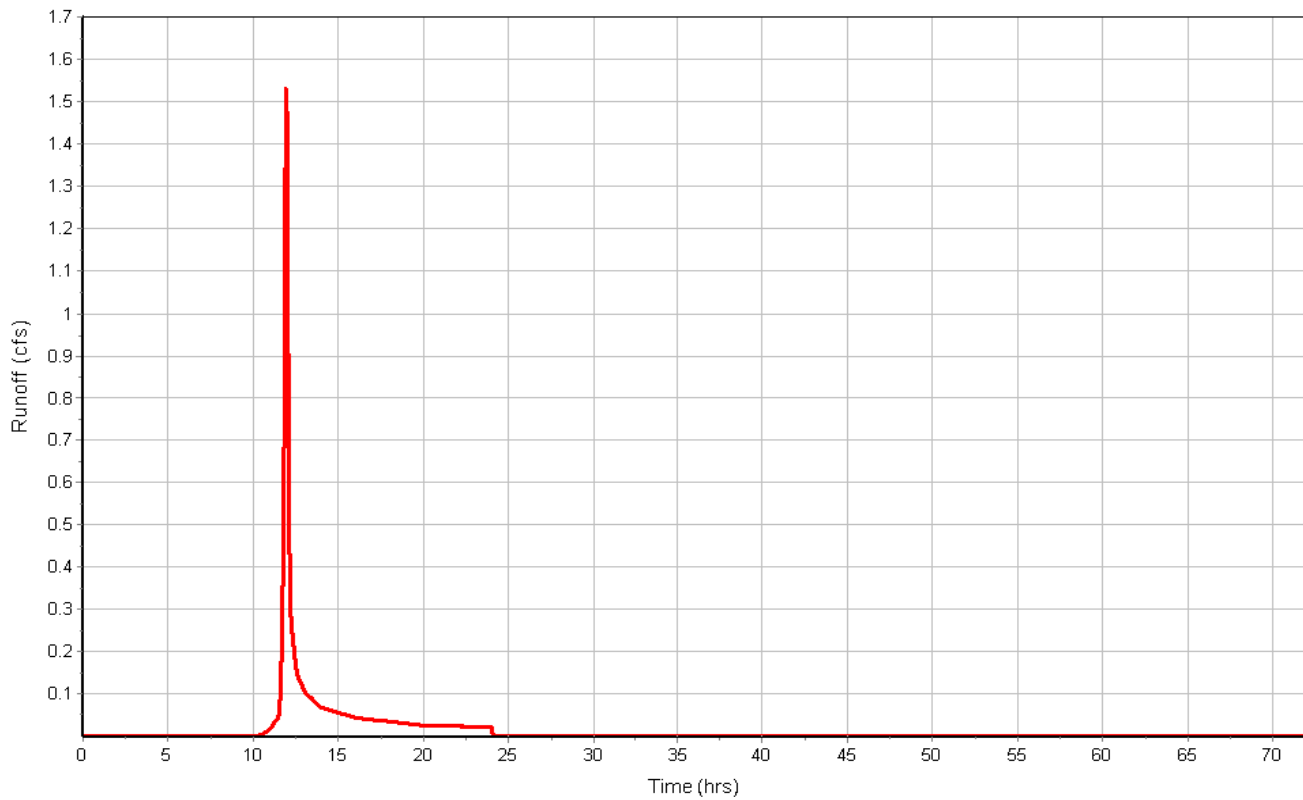
Total Rainfall (in) 10.30
Total Runoff (in) 3.90
Peak Runoff (cfs) 1.59
Weighted Curve Number 51.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-608_3

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-800

Input Data

Area (ac) 0.33
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

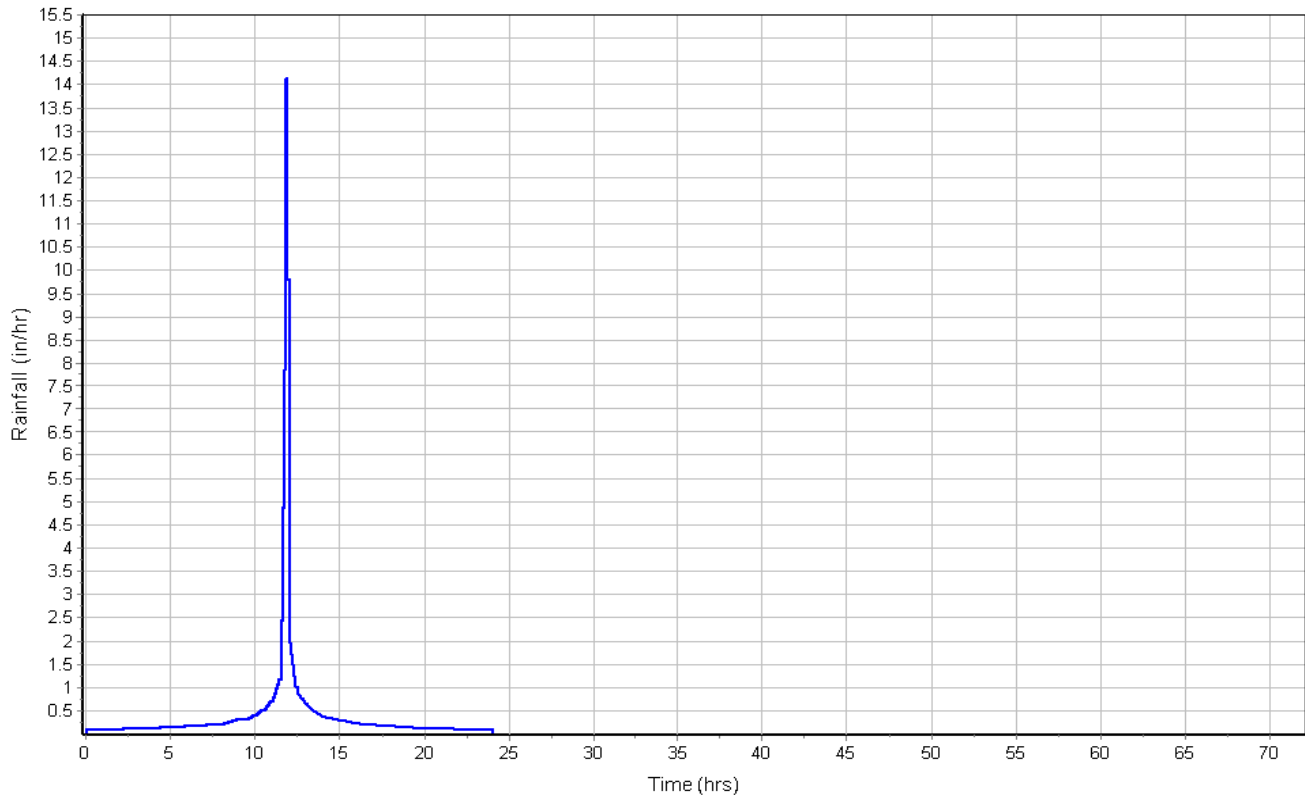
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.49	-	98.00
Composite Area & Weighted CN	0.49		98.00

Subbasin Runoff Results

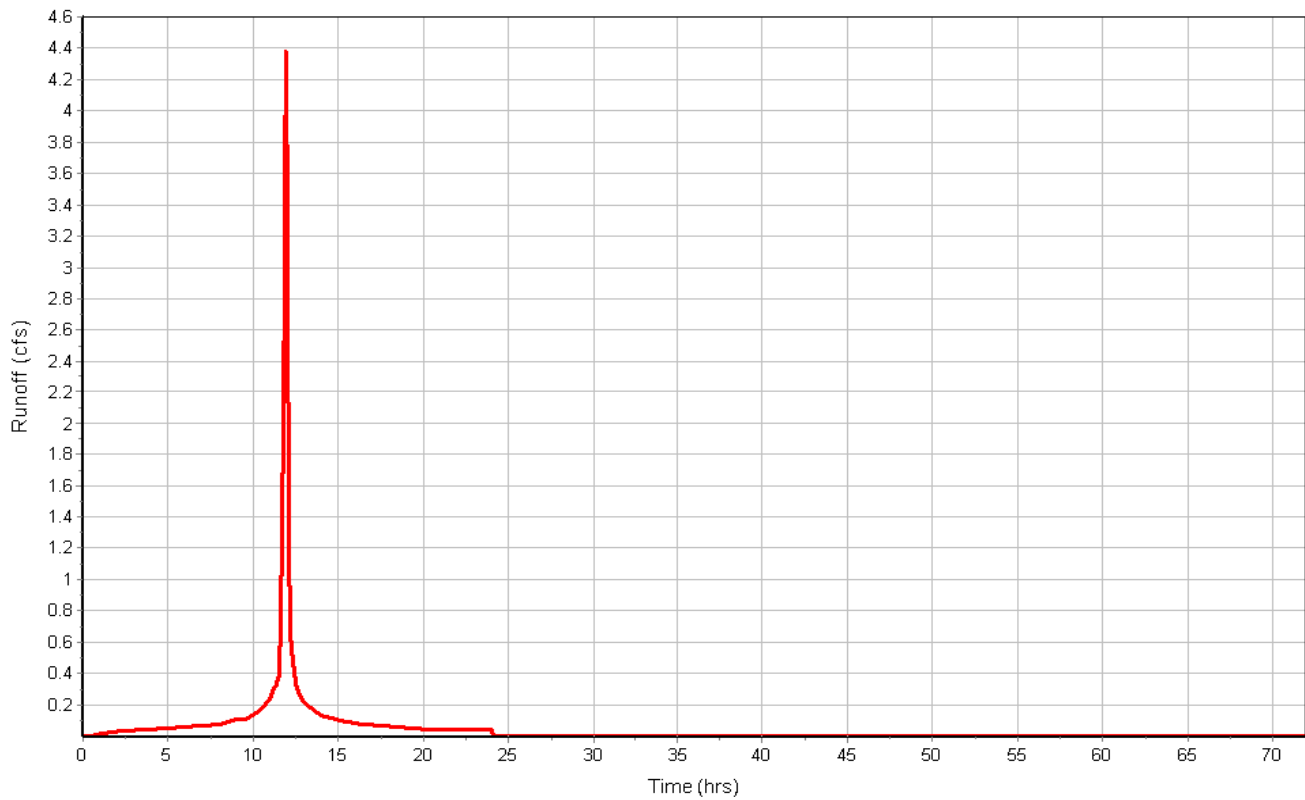
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 4.39
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-800

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-801

Input Data

Area (ac) 0.24
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

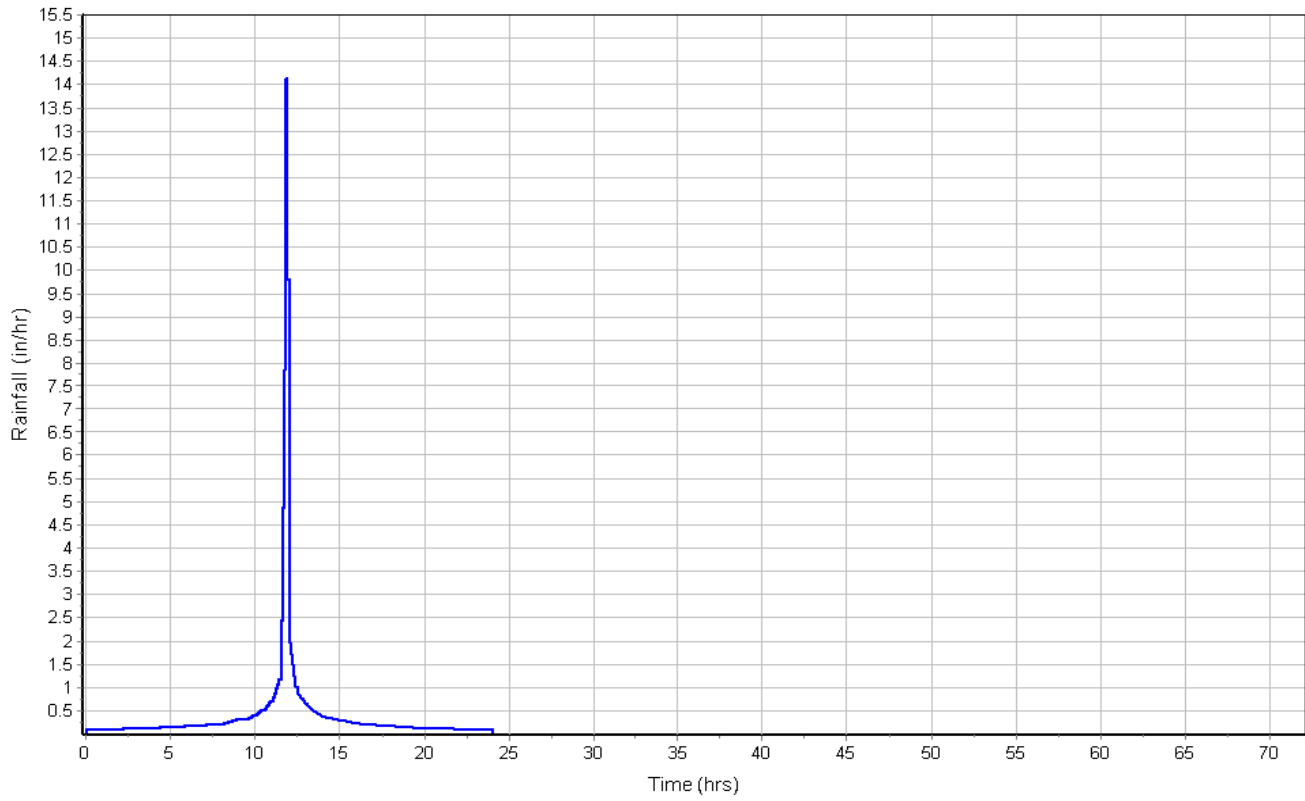
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.32	-	98.00
Composite Area & Weighted CN	0.32		98.00

Subbasin Runoff Results

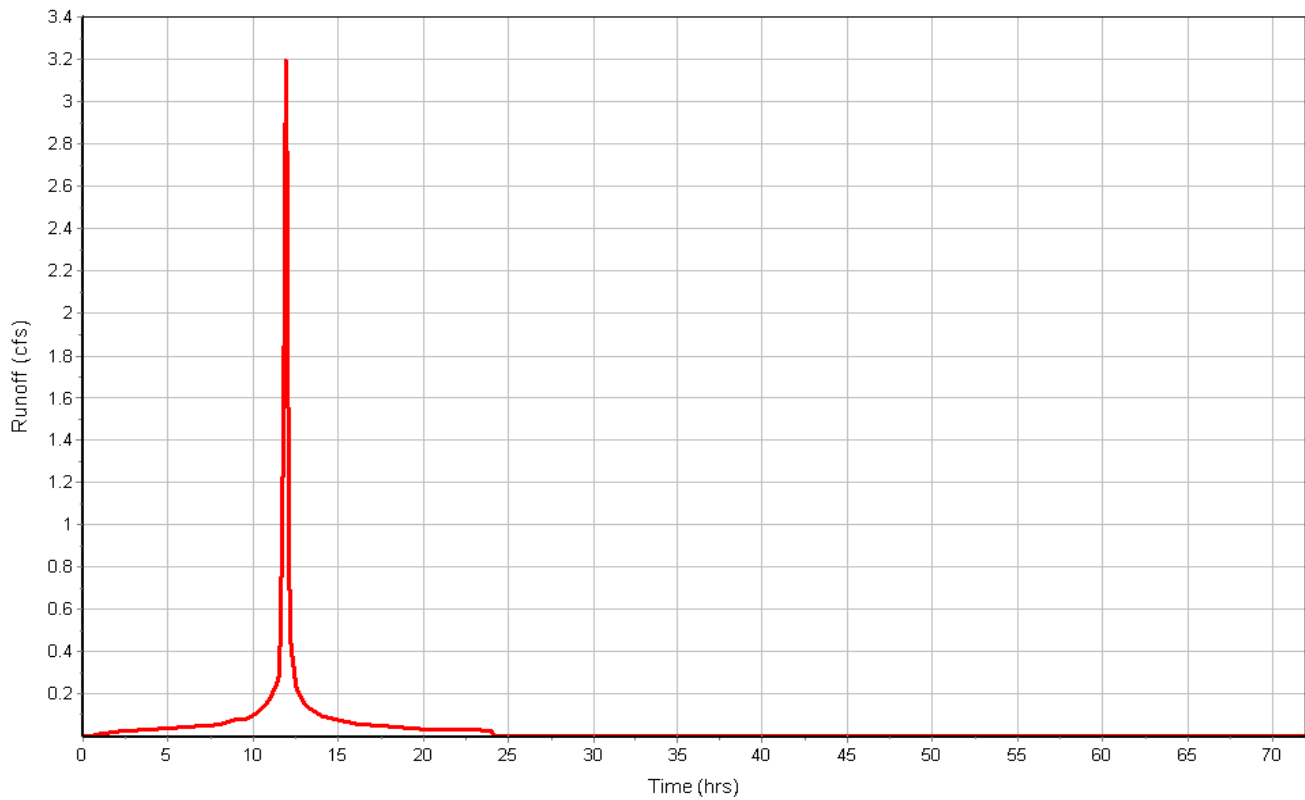
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 3.21
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-801

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-900

Input Data

Area (ac) 0.64
Weighted Curve Number 98.00
Rain Gage ID SEMINOLE

Composite Curve Number

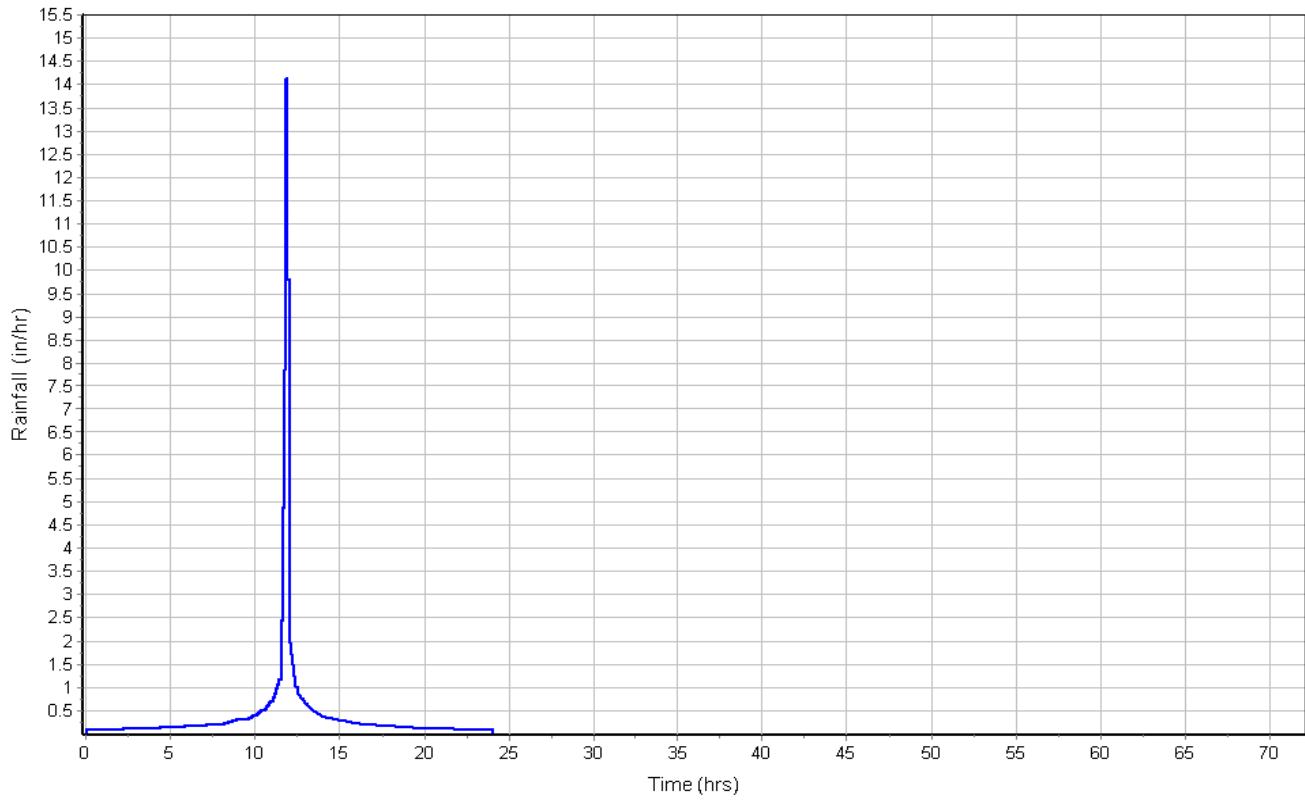
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.64	-	98.00
Composite Area & Weighted CN	0.64		98.00

Subbasin Runoff Results

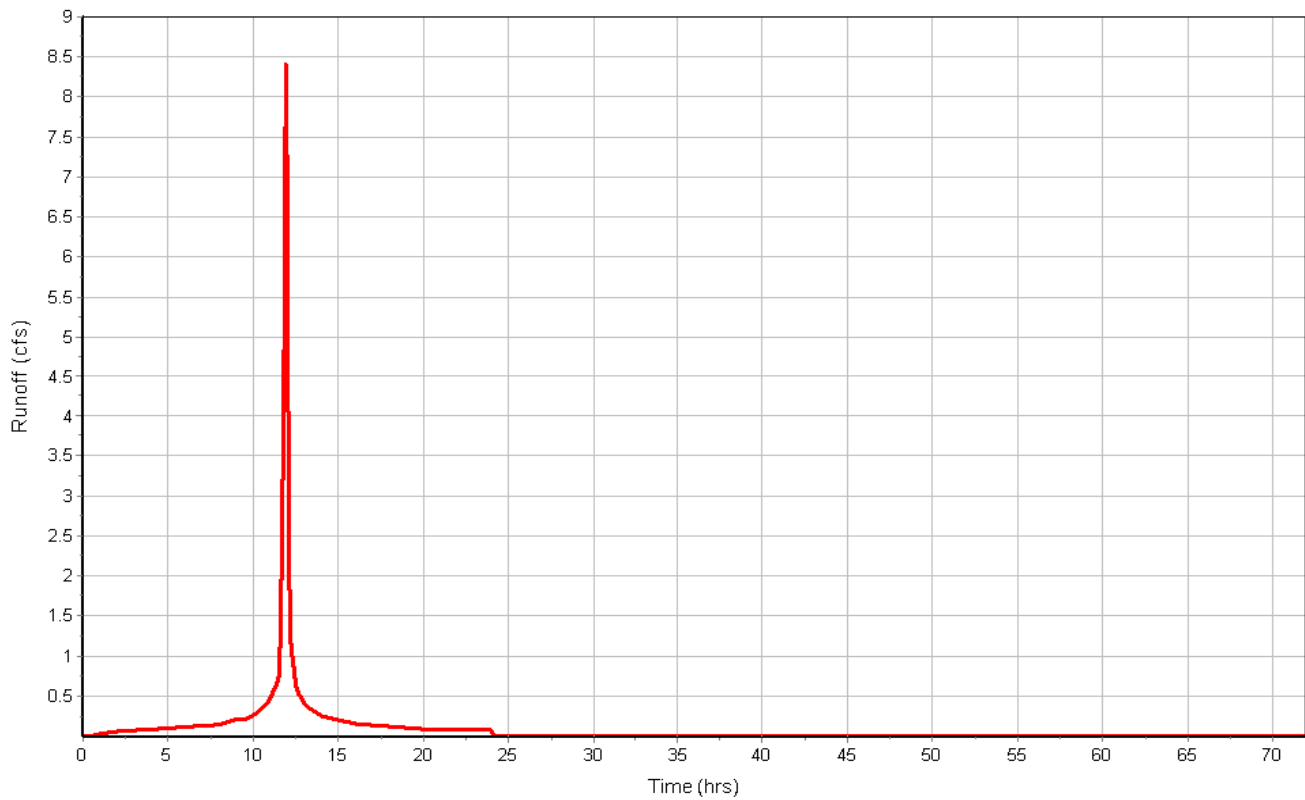
Total Rainfall (in) 10.30
Total Runoff (in) 10.06
Peak Runoff (cfs) 8.45
Weighted Curve Number 98.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-900

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-D1

Input Data

Area (ac) 0.35
Weighted Curve Number 70.24
Rain Gage ID SEMINOLE

Composite Curve Number

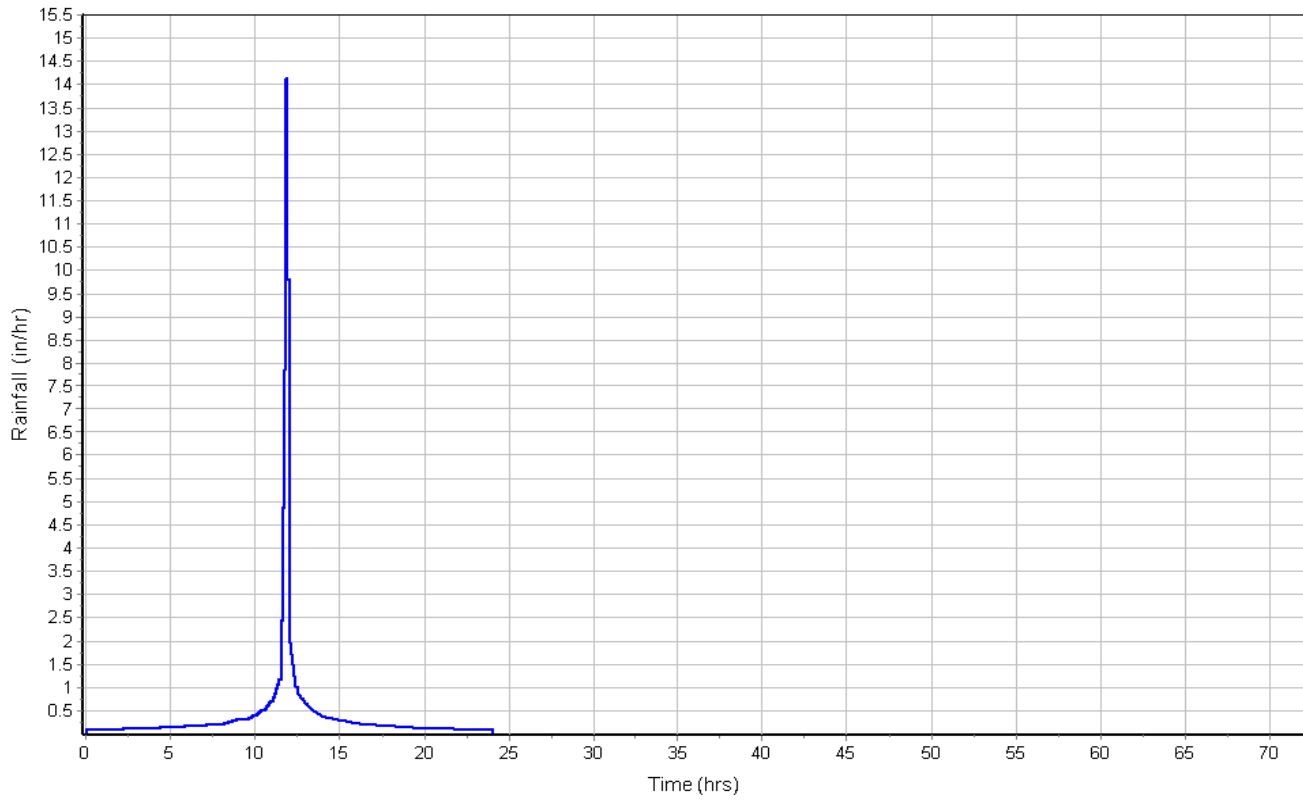
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.35	-	70.24
Composite Area & Weighted CN	0.35		70.24

Subbasin Runoff Results

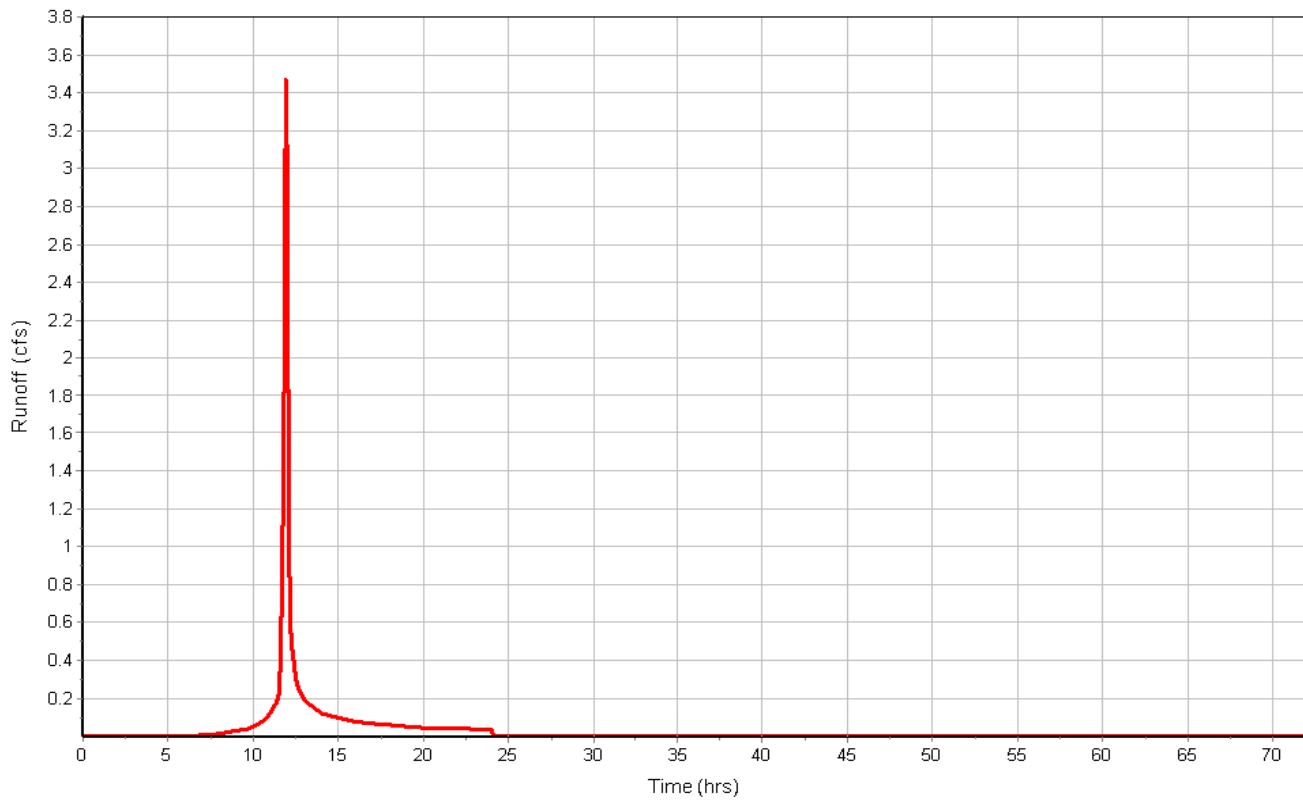
Total Rainfall (in) 10.30
Total Runoff (in) 6.53
Peak Runoff (cfs) 3.51
Weighted Curve Number 70.24
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-D1

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-D2

Input Data

Area (ac) 0.05
Weighted Curve Number 70.24
Rain Gage ID SEMINOLE

Composite Curve Number

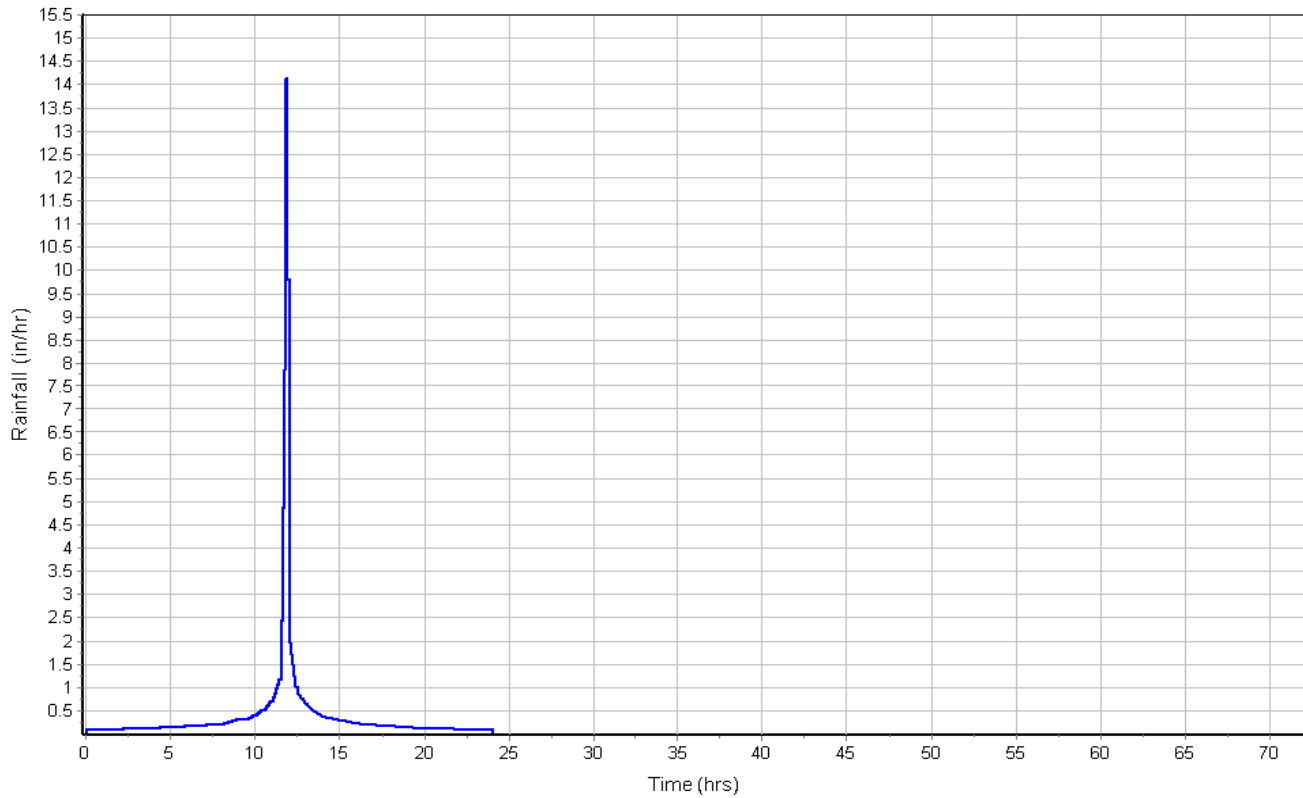
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.05	-	70.24
Composite Area & Weighted CN	0.05		70.24

Subbasin Runoff Results

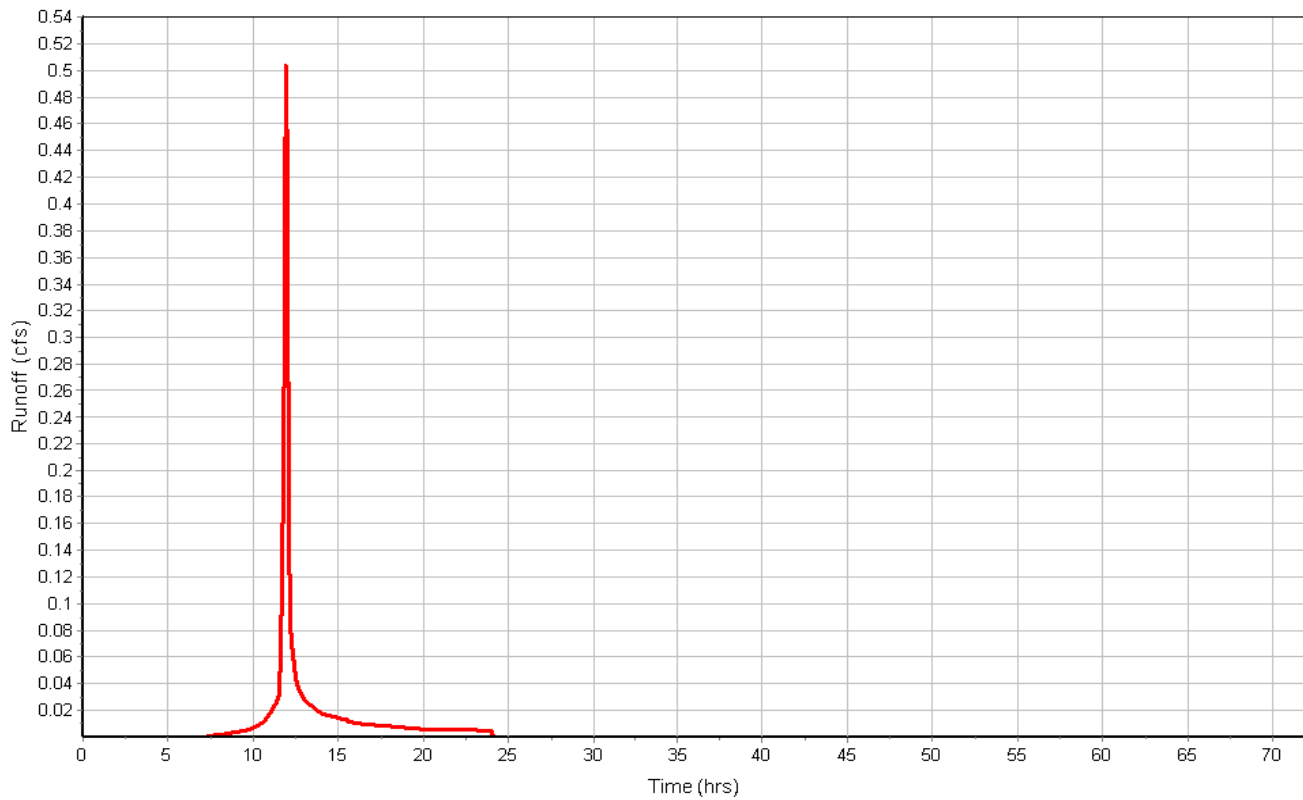
Total Rainfall (in) 10.30
Total Runoff (in) 6.52
Peak Runoff (cfs) 0.51
Weighted Curve Number 70.24
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-D2

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-D3

Input Data

Area (ac) 0.49
Weighted Curve Number 70.24
Rain Gage ID SEMINOLE

Composite Curve Number

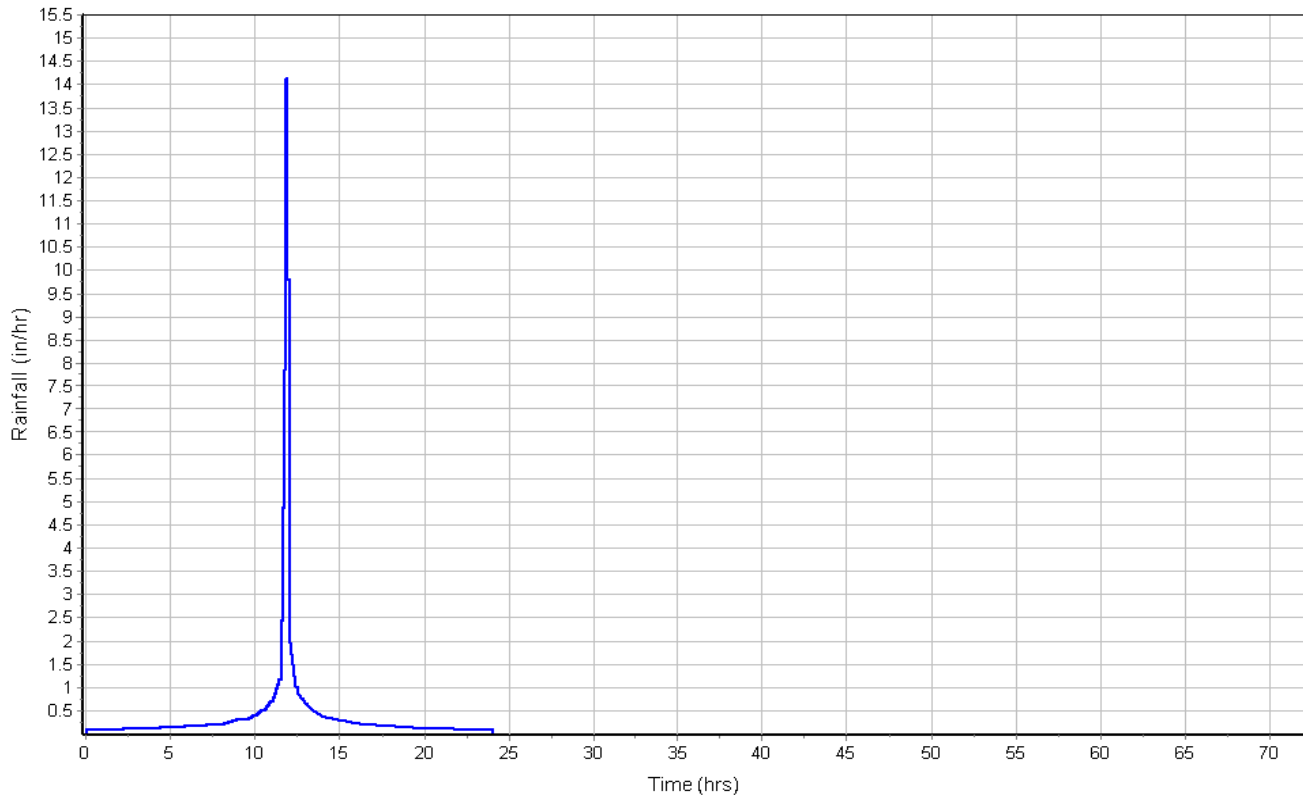
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.49	-	70.24
Composite Area & Weighted CN	0.49		70.24

Subbasin Runoff Results

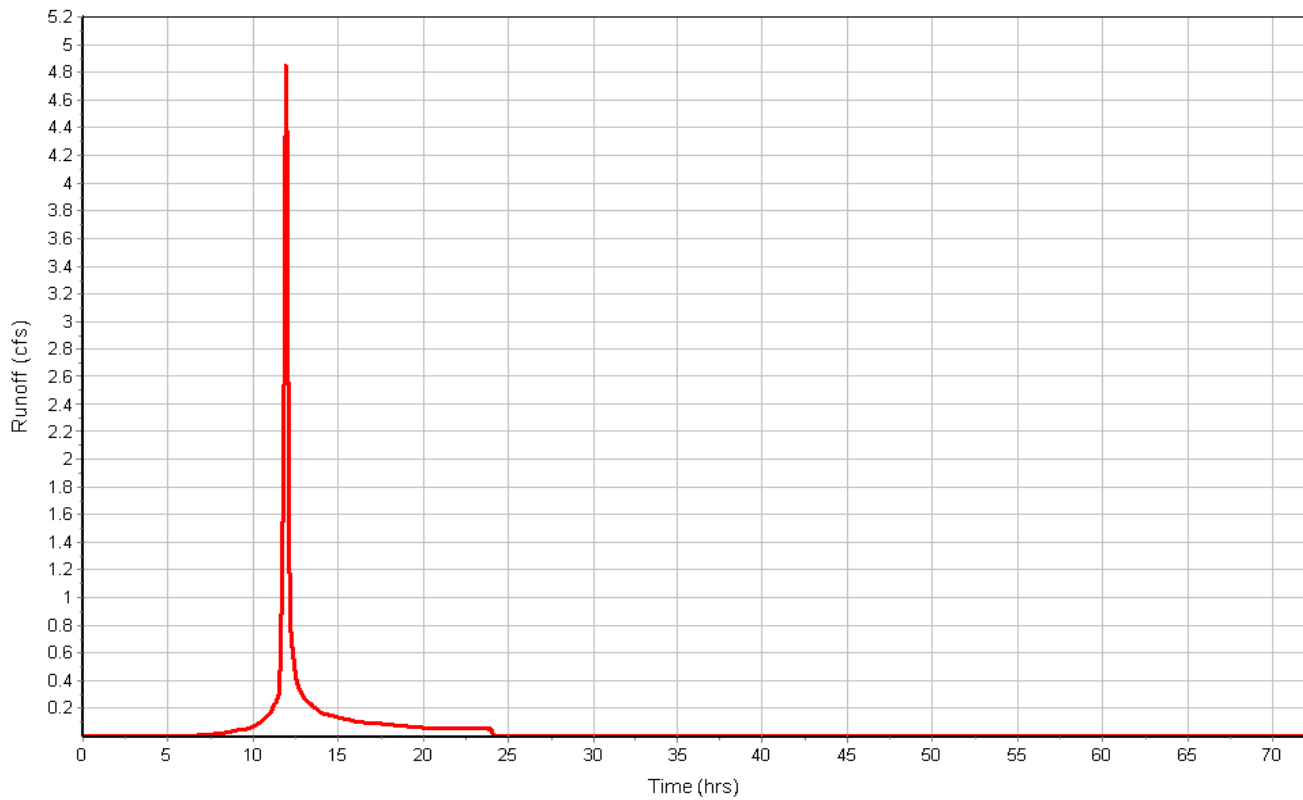
Total Rainfall (in) 10.30
Total Runoff (in) 6.53
Peak Runoff (cfs) 4.92
Weighted Curve Number 70.24
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-D3

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-D4

Input Data

Area (ac) 0.31
Weighted Curve Number 70.24
Rain Gage ID SEMINOLE

Composite Curve Number

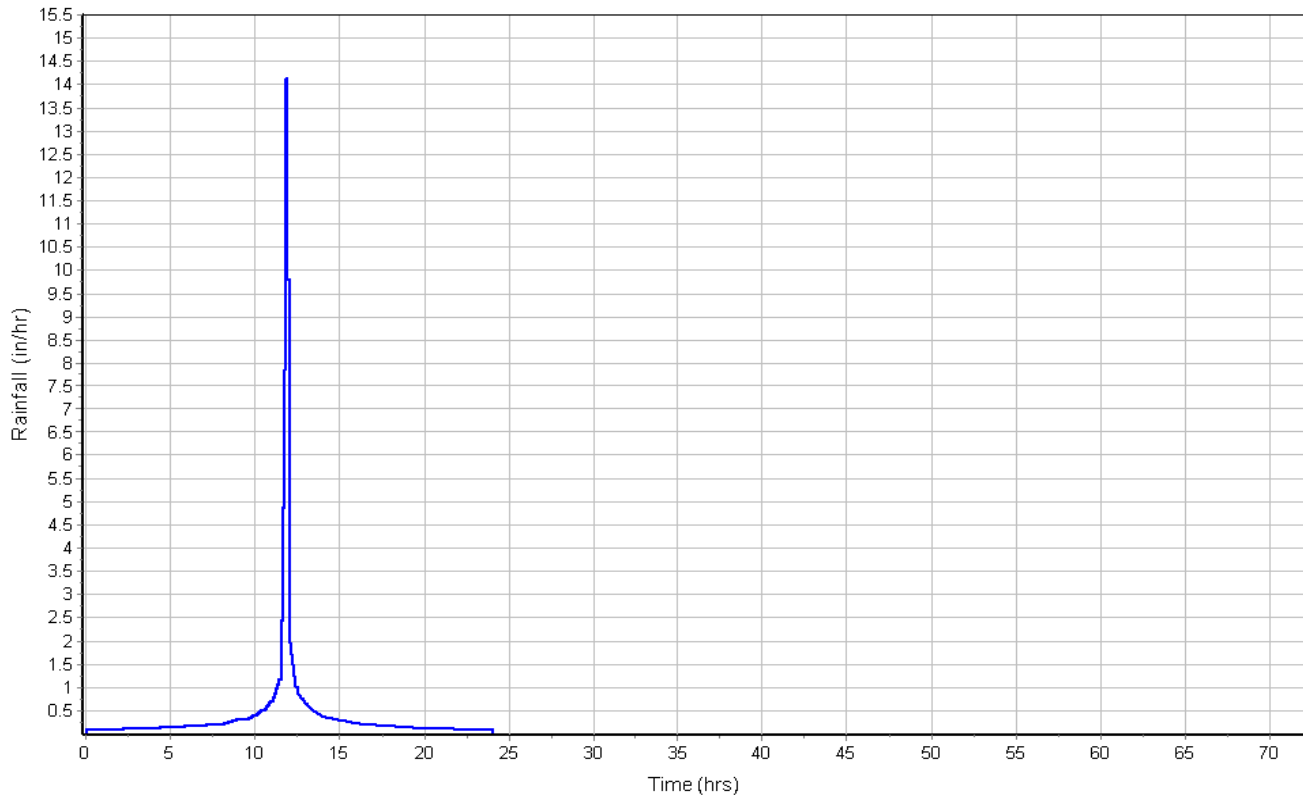
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.31	-	70.24
Composite Area & Weighted CN	0.31		70.24

Subbasin Runoff Results

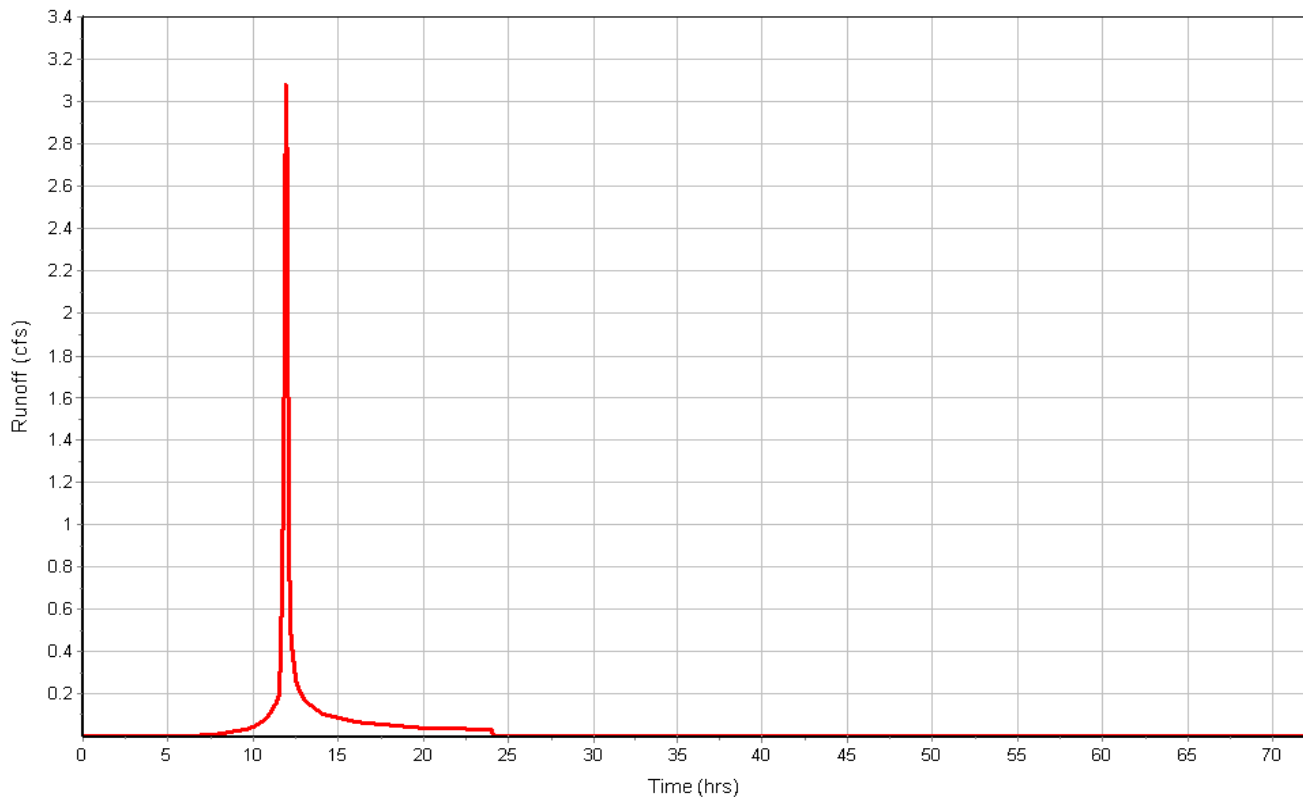
Total Rainfall (in) 10.30
Total Runoff (in) 6.53
Peak Runoff (cfs) 3.13
Weighted Curve Number 70.24
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-D4

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-P1

Input Data

Area (ac) 11.00
Weighted Curve Number 70.24
Rain Gage ID SEMINOLE

Composite Curve Number

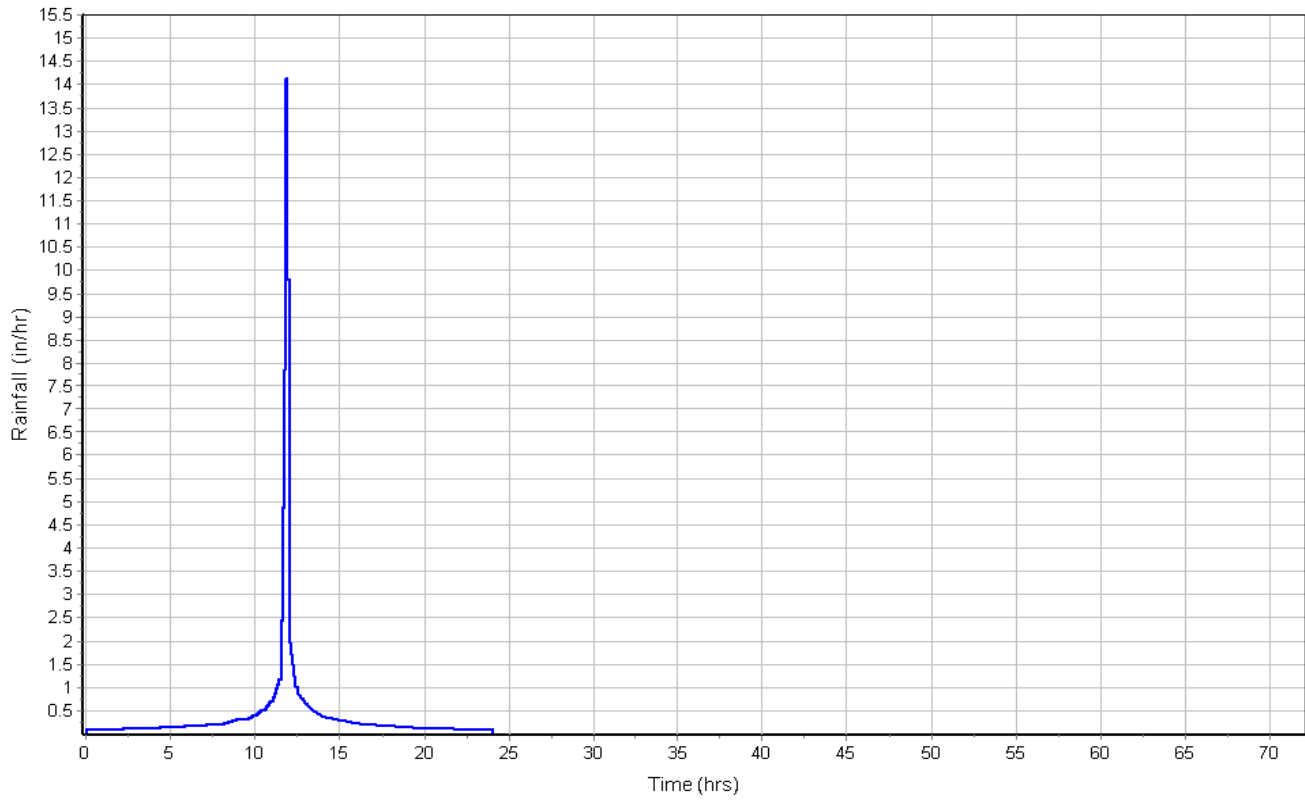
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	11.00	-	70.24
Composite Area & Weighted CN	11.00		70.24

Subbasin Runoff Results

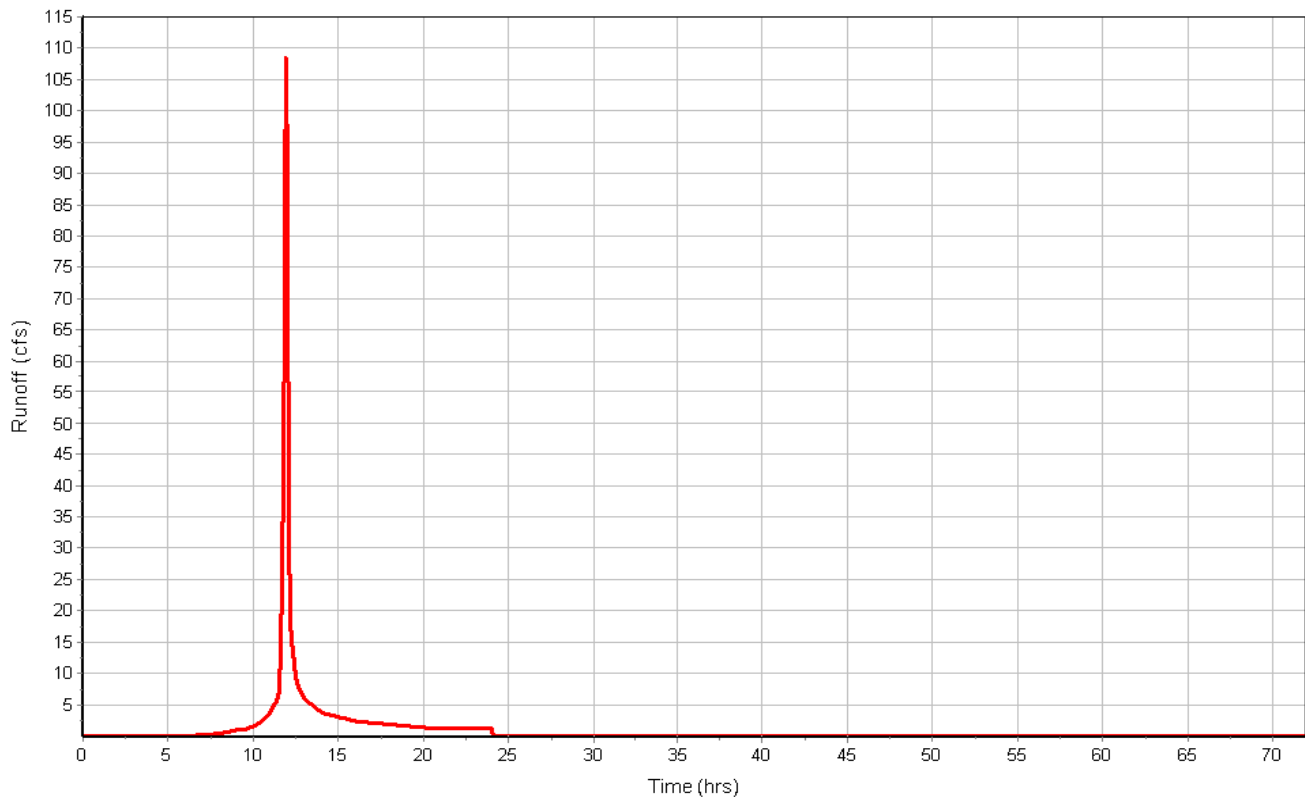
Total Rainfall (in) 10.30
Total Runoff (in) 6.53
Peak Runoff (cfs) 109.84
Weighted Curve Number 70.24
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-P1

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-SY1

Input Data

Area (ac) 0.81
Weighted Curve Number 78.00
Rain Gage ID SEMINOLE

Composite Curve Number

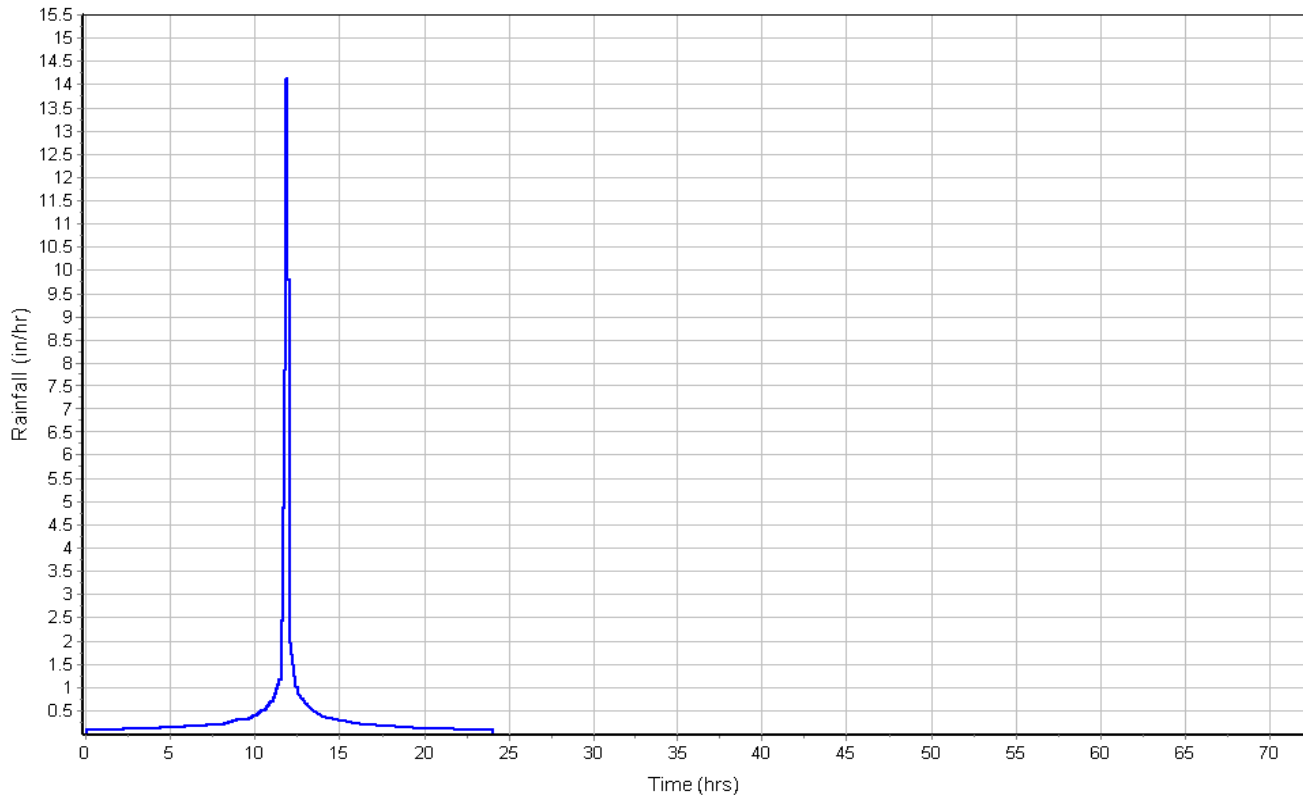
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.81	-	78.00
Composite Area & Weighted CN	0.81		78.00

Subbasin Runoff Results

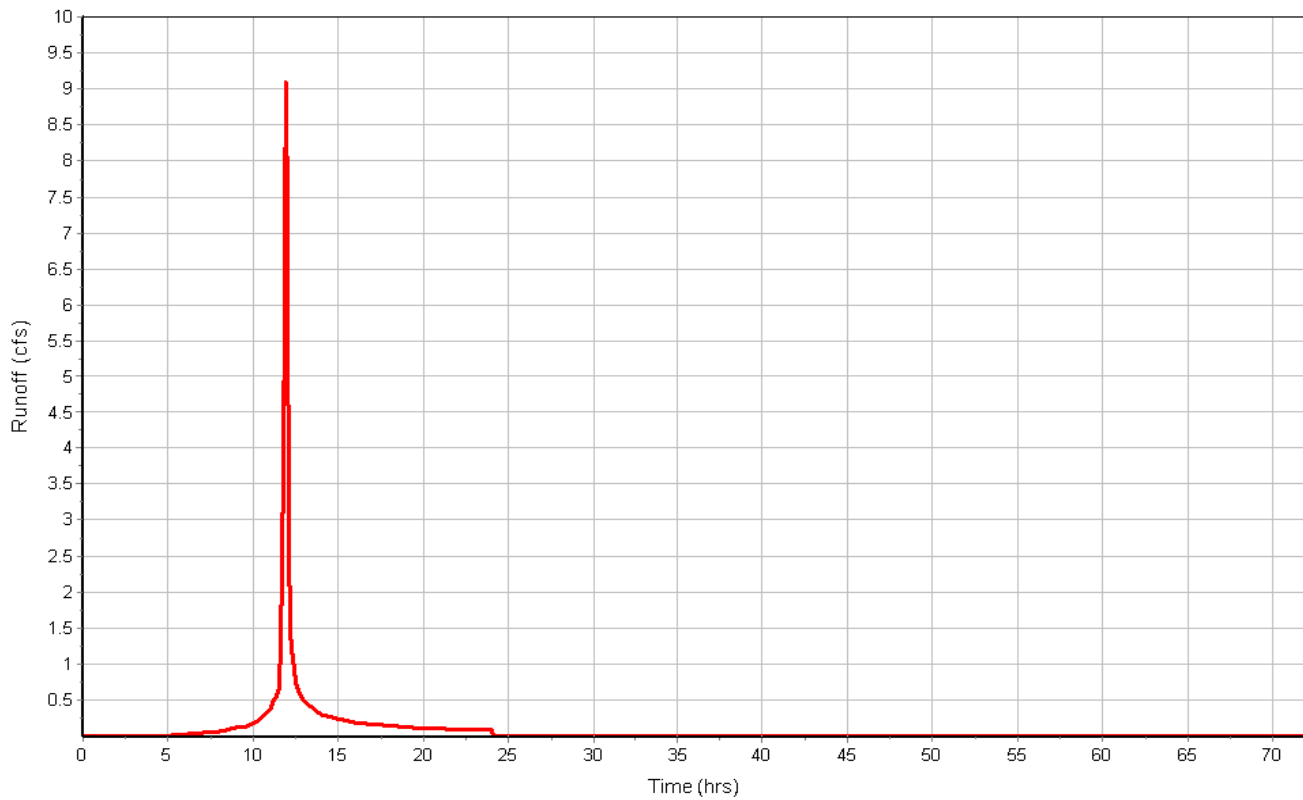
Total Rainfall (in) 10.30
Total Runoff (in) 7.55
Peak Runoff (cfs) 9.19
Weighted Curve Number 78.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-SY1

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-SY2

Input Data

Area (ac) 1.13
Weighted Curve Number 80.00
Rain Gage ID SEMINOLE

Composite Curve Number

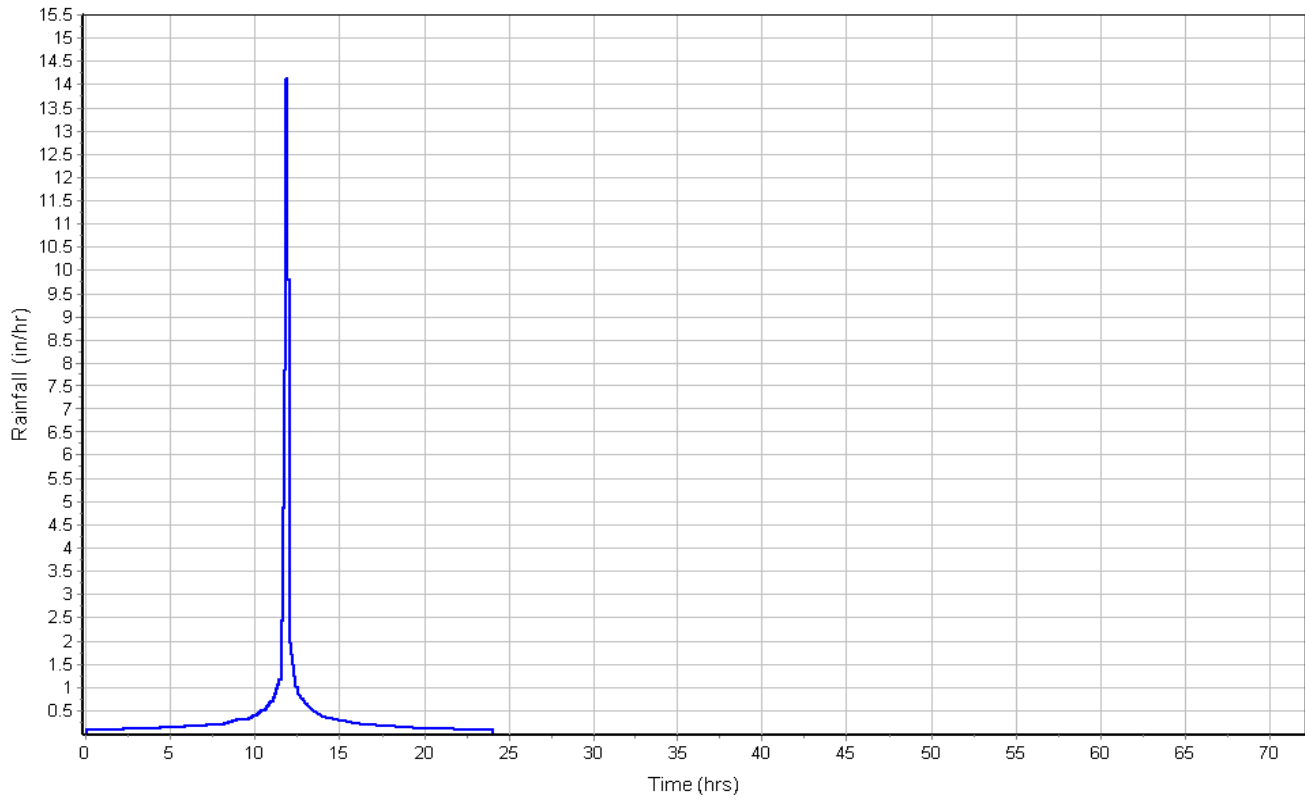
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	1.13	-	80.00
Composite Area & Weighted CN	1.13		80.00

Subbasin Runoff Results

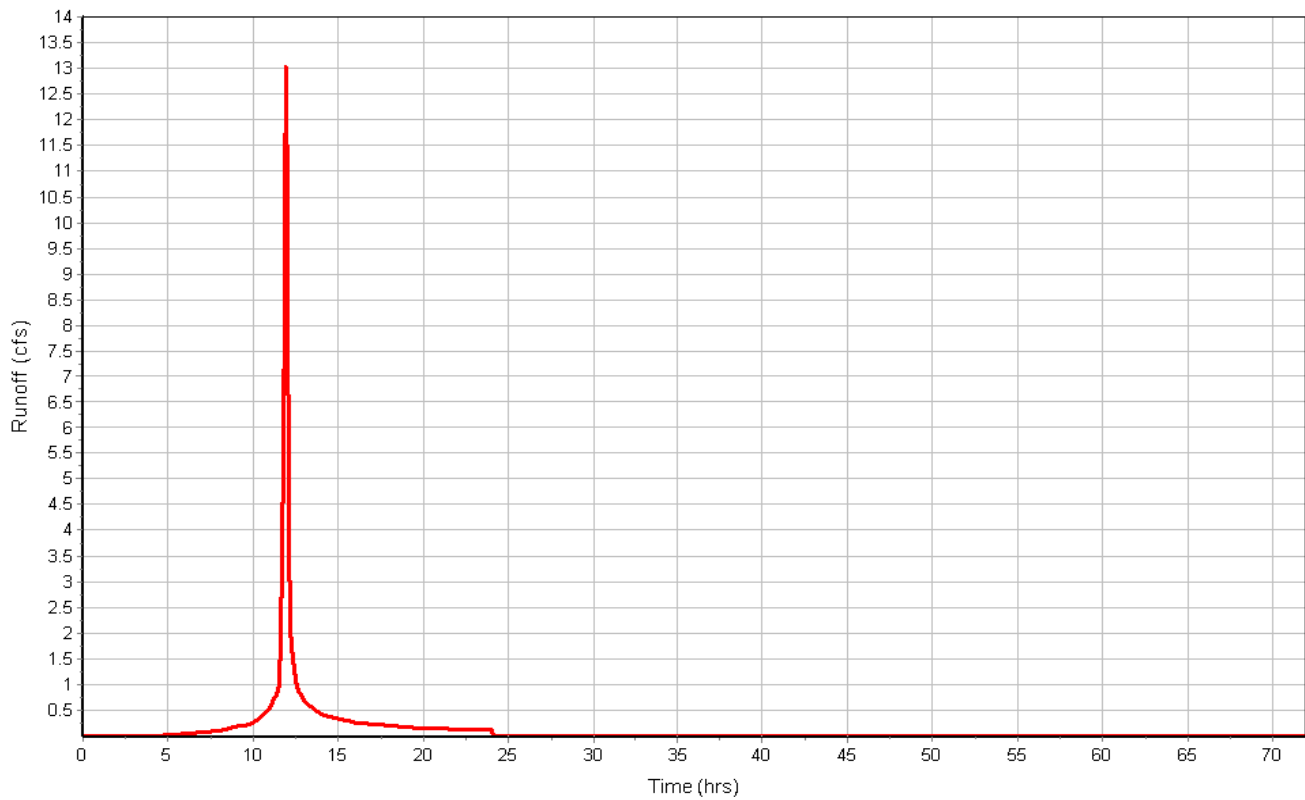
Total Rainfall (in) 10.30
Total Runoff (in) 7.81
Peak Runoff (cfs) 13.15
Weighted Curve Number 80.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-SY2

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-SY3

Input Data

Area (ac) 1.08
Weighted Curve Number 68.00
Rain Gage ID SEMINOLE

Composite Curve Number

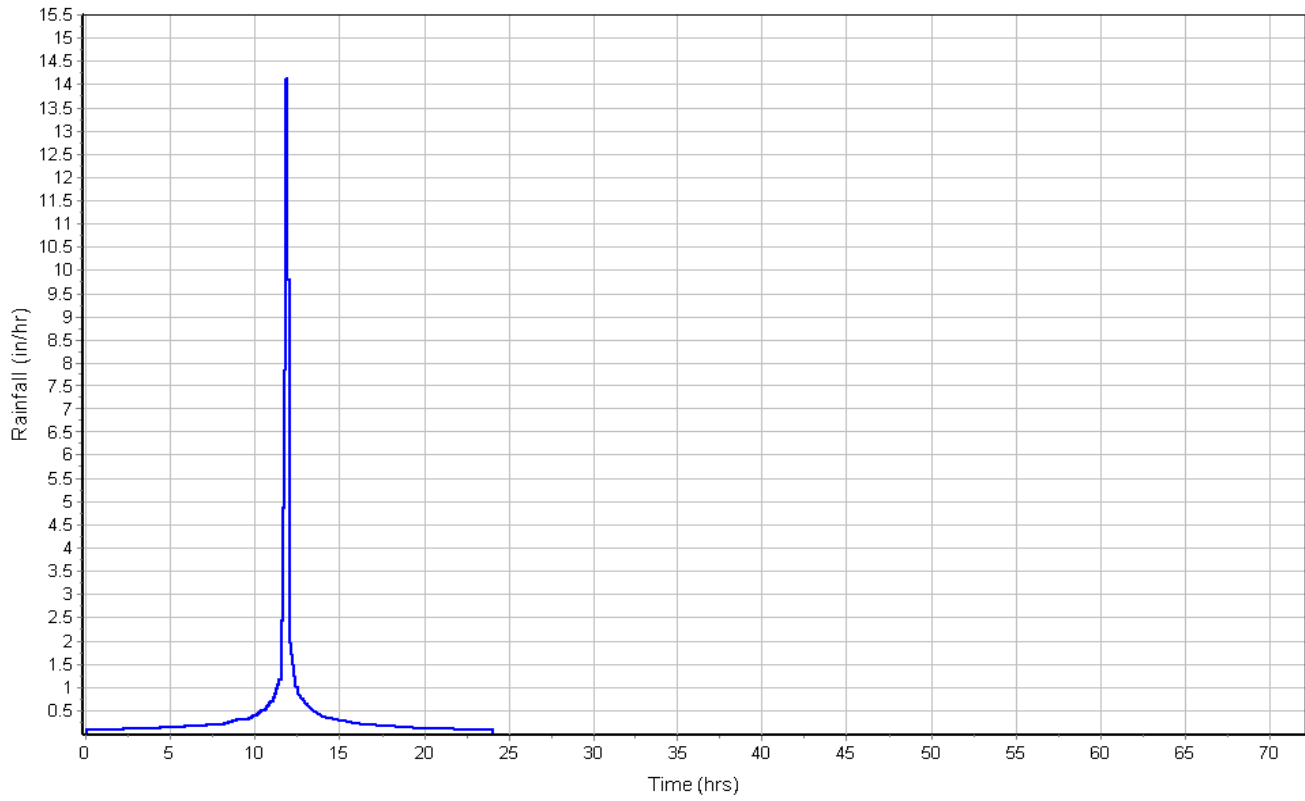
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	1.08	-	68.00
Composite Area & Weighted CN	1.08		68.00

Subbasin Runoff Results

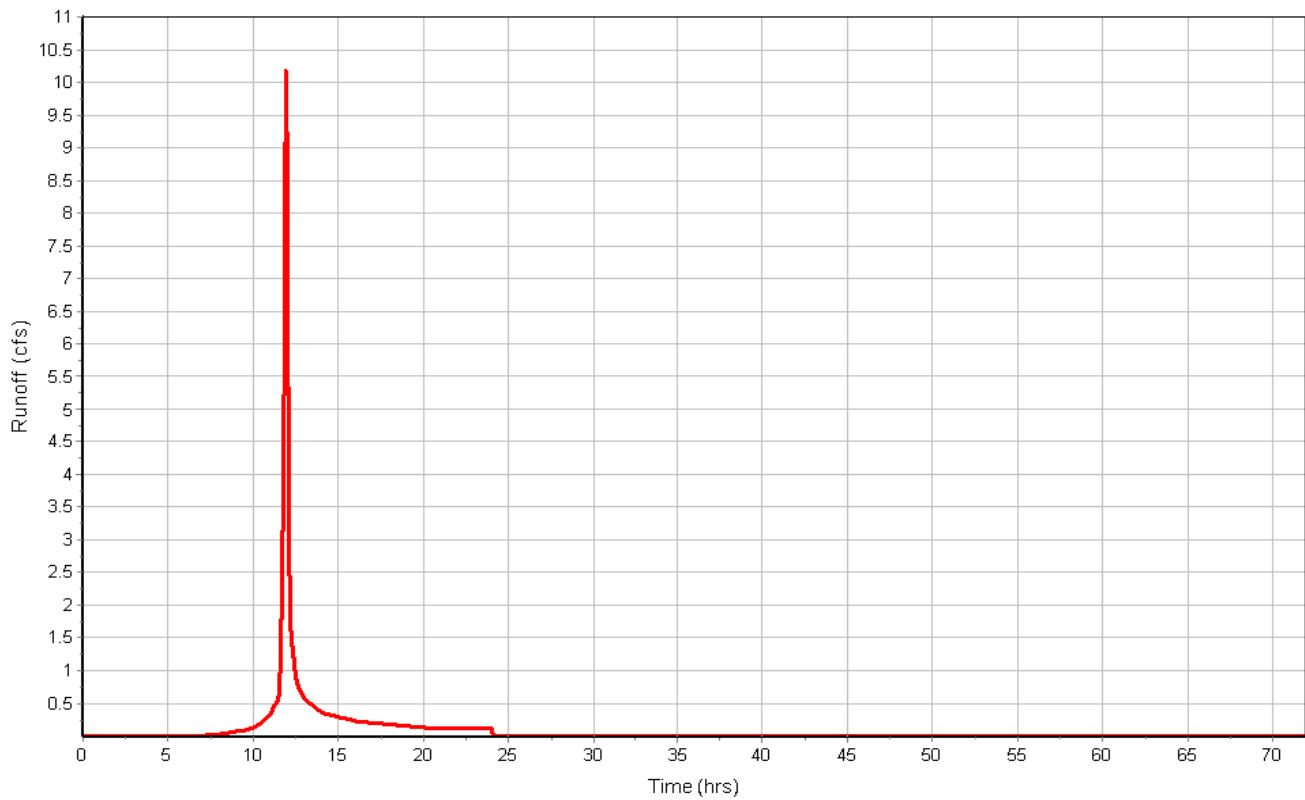
Total Rainfall (in) 10.30
Total Runoff (in) 6.23
Peak Runoff (cfs) 10.34
Weighted Curve Number 68.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-SY3

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-SY4

Input Data

Area (ac) 0.74
Weighted Curve Number 79.00
Rain Gage ID SEMINOLE

Composite Curve Number

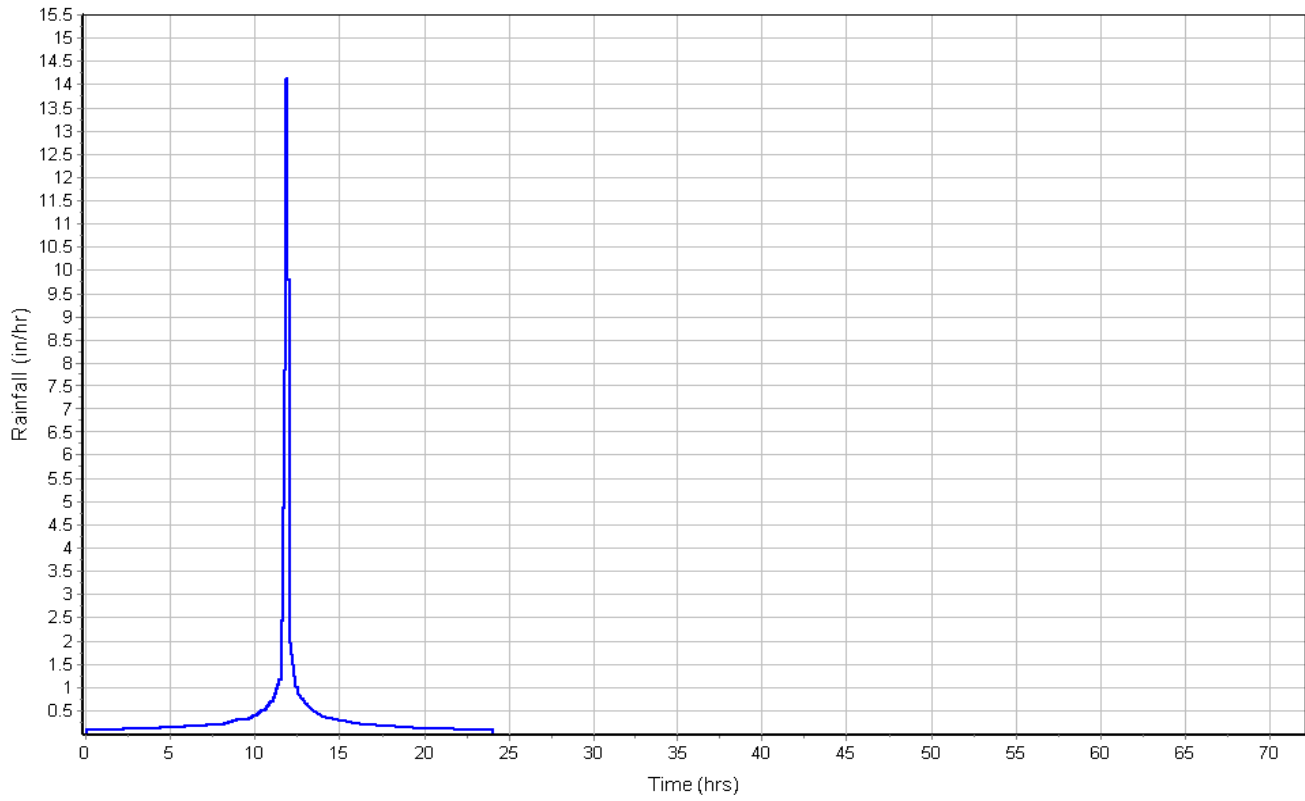
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.74	-	79.00
Composite Area & Weighted CN	0.74		79.00

Subbasin Runoff Results

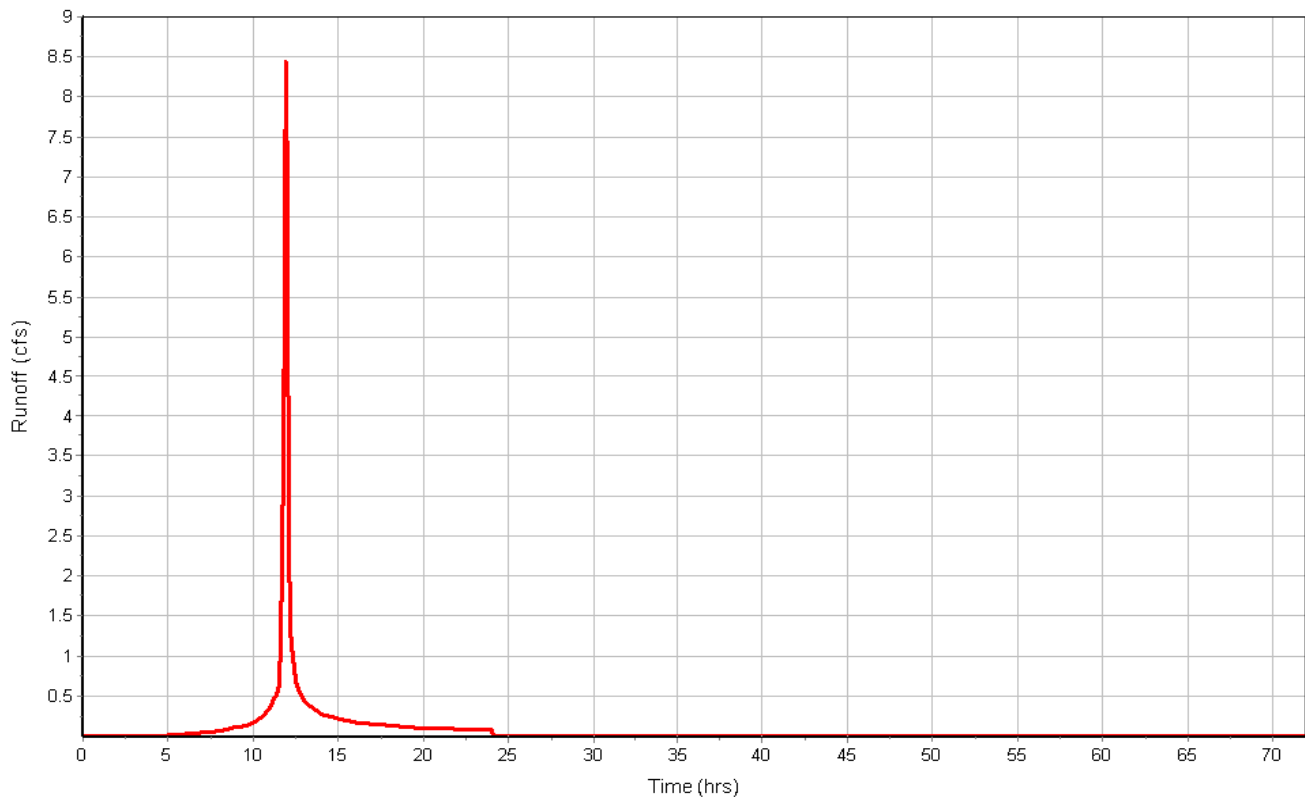
Total Rainfall (in) 10.30
Total Runoff (in) 7.68
Peak Runoff (cfs) 8.51
Weighted Curve Number 79.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-SY4

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : DA-SY5

Input Data

Area (ac) 0.28
Weighted Curve Number 59.00
Rain Gage ID SEMINOLE

Composite Curve Number

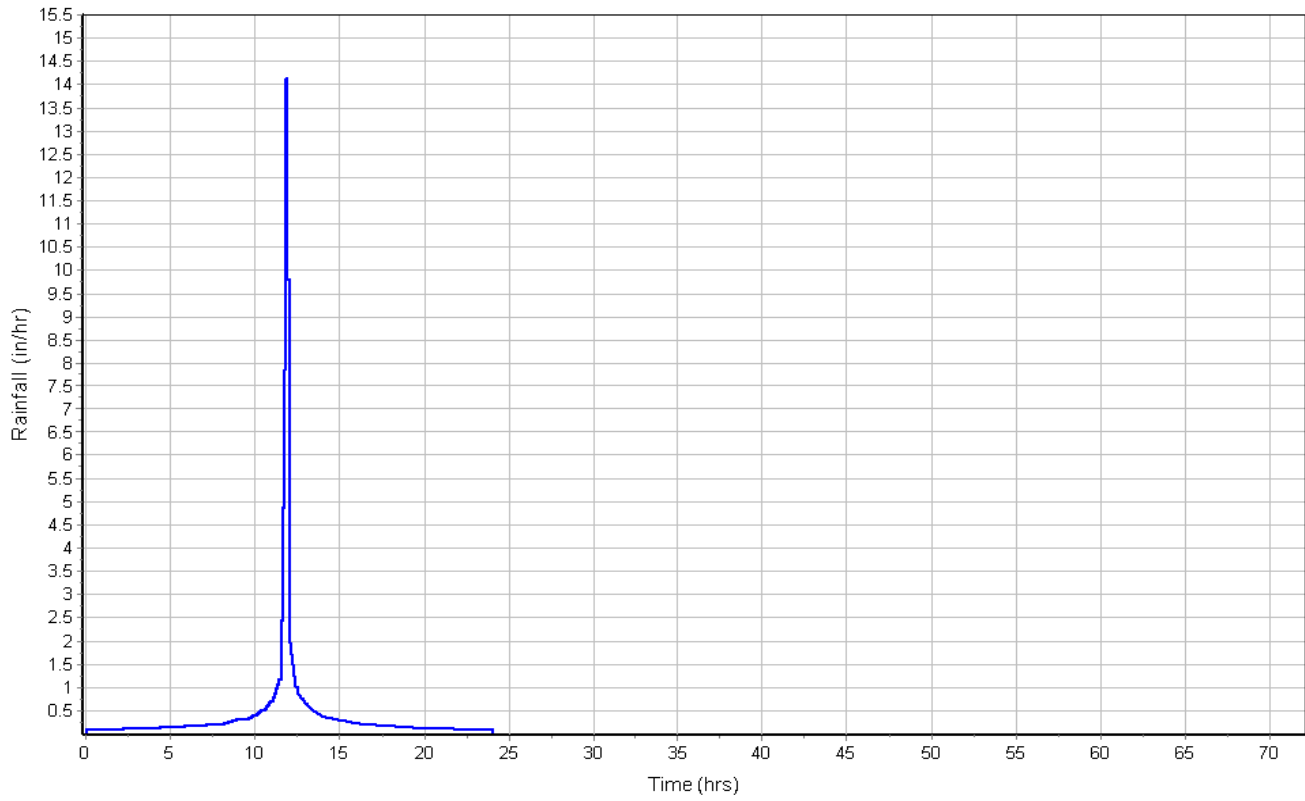
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	0.28	-	59.00
Composite Area & Weighted CN	0.28		59.00

Subbasin Runoff Results

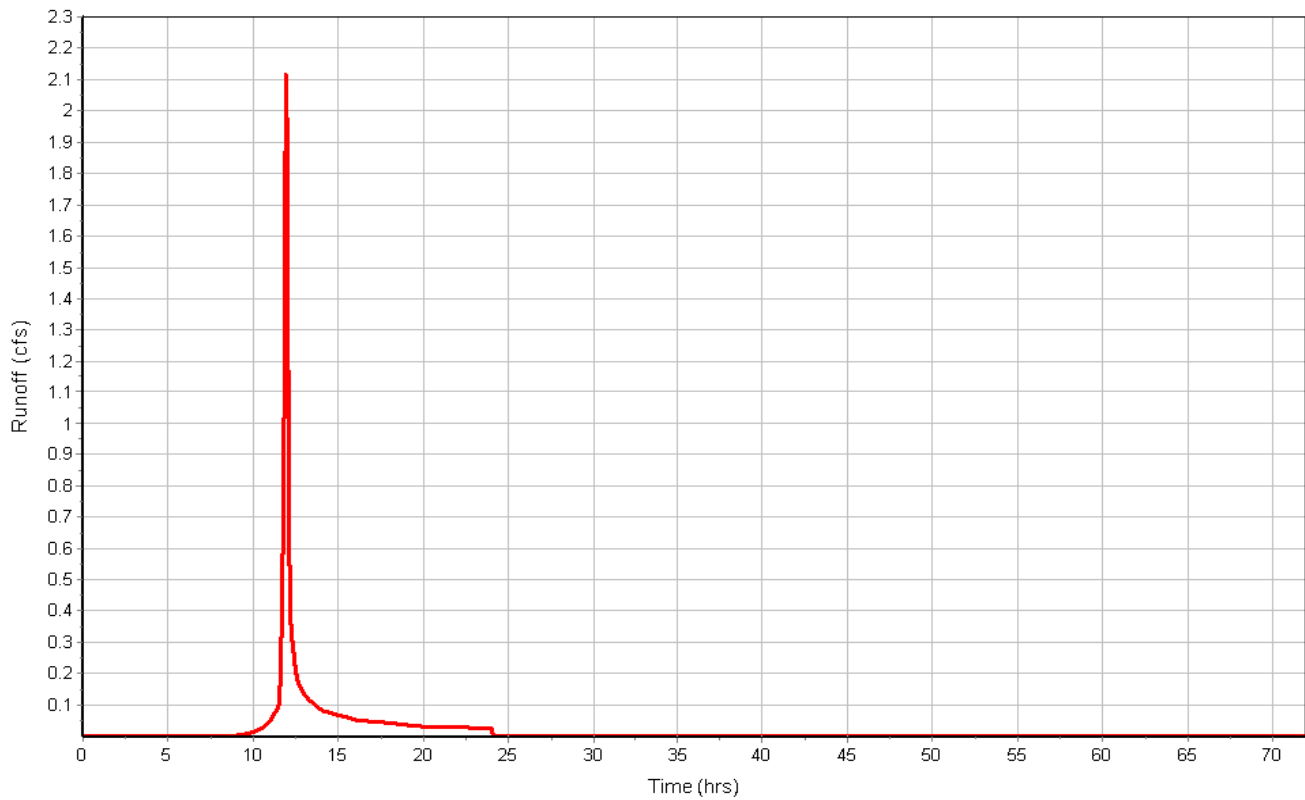
Total Rainfall (in) 10.30
Total Runoff (in) 5.01
Peak Runoff (cfs) 2.17
Weighted Curve Number 59.00
Time of Concentration (days hh:mm:ss) 0 00:06:00

Subbasin : DA-SY5

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : POST-OSB1

Input Data

Area (ac) 5.63
Weighted Curve Number 95.00
Rain Gage ID SEMINOLE

Composite Curve Number

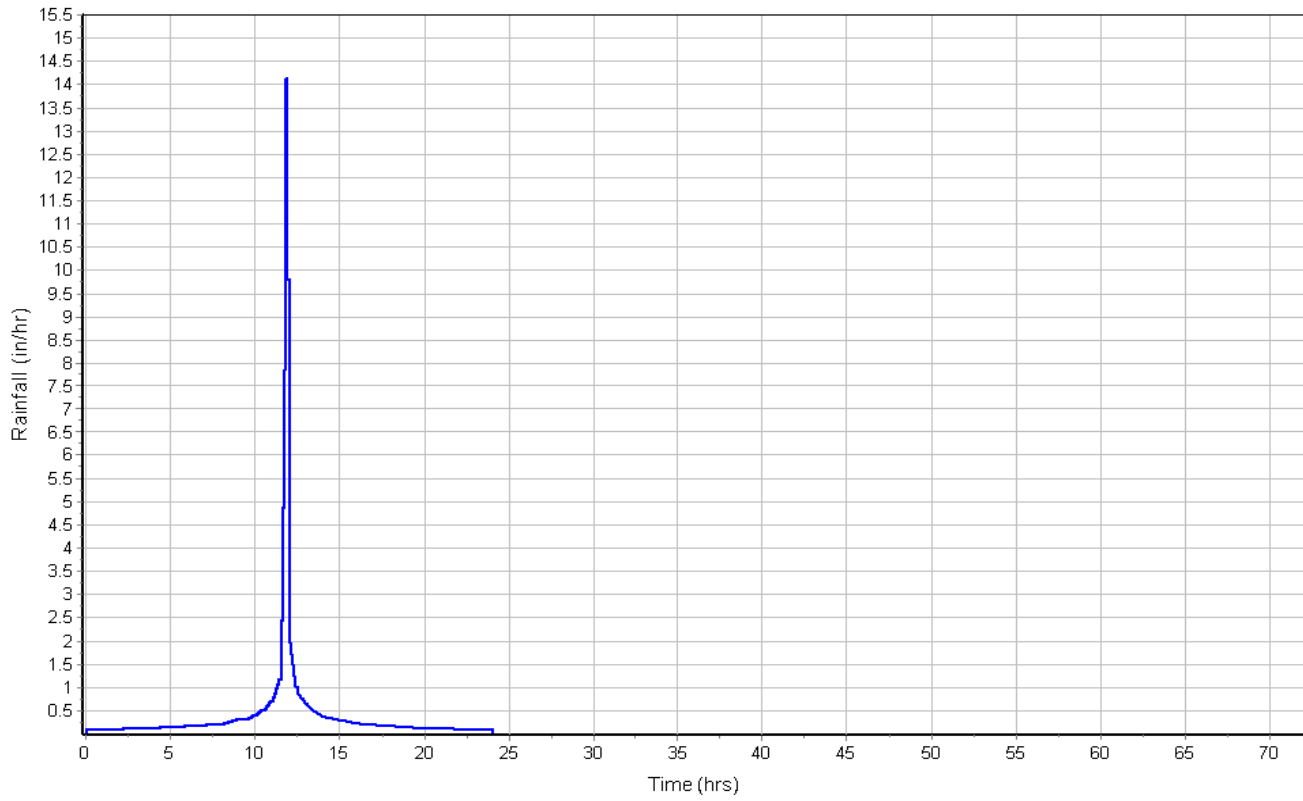
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	5.63	-	95.00
Composite Area & Weighted CN	5.63		95.00

Subbasin Runoff Results

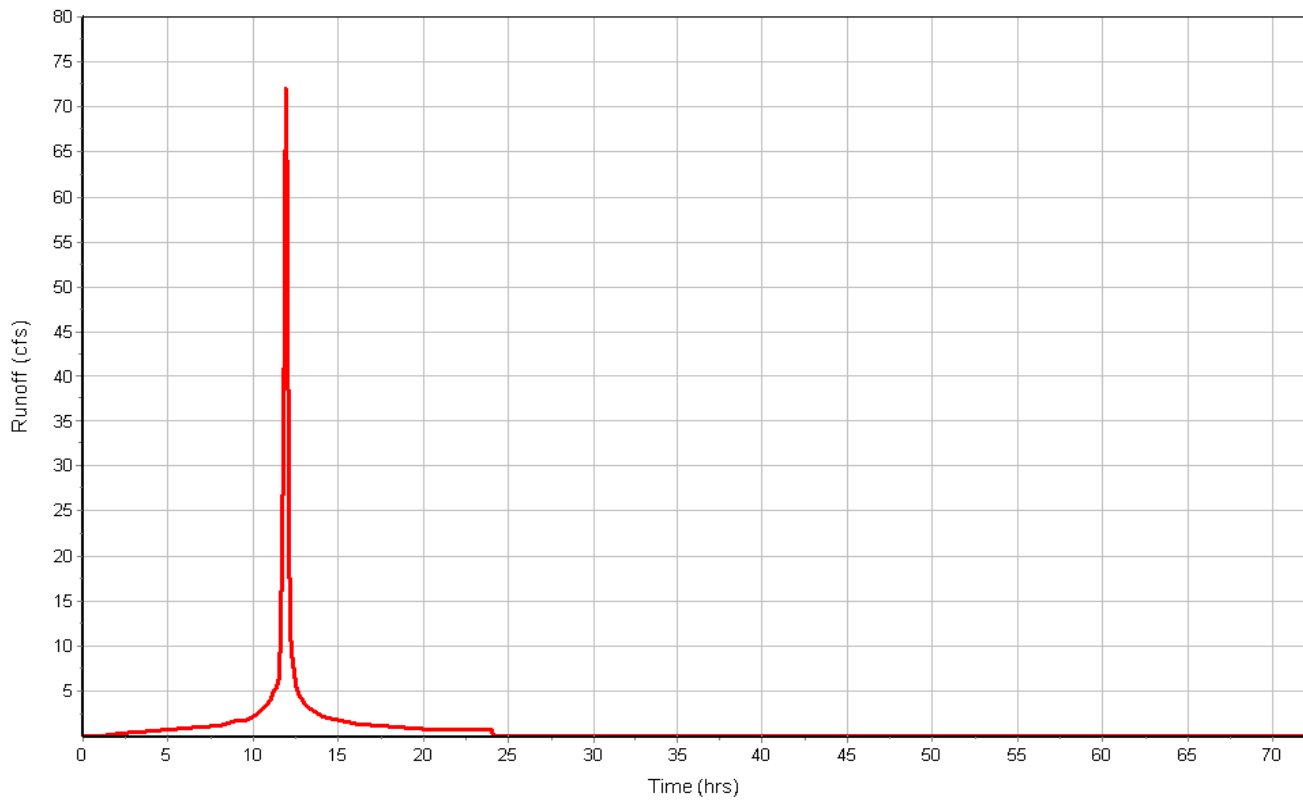
Total Rainfall (in) 10.30
Total Runoff (in) 9.69
Peak Runoff (cfs) 73.01
Weighted Curve Number 95.00
Time of Concentration (days hh:mm:ss) 0 00:06:24

Subbasin : POST-OSB1

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : POST-SB1

Input Data

Area (ac) 18.31
Weighted Curve Number 78.30
Rain Gage ID SEMINOLE

Composite Curve Number

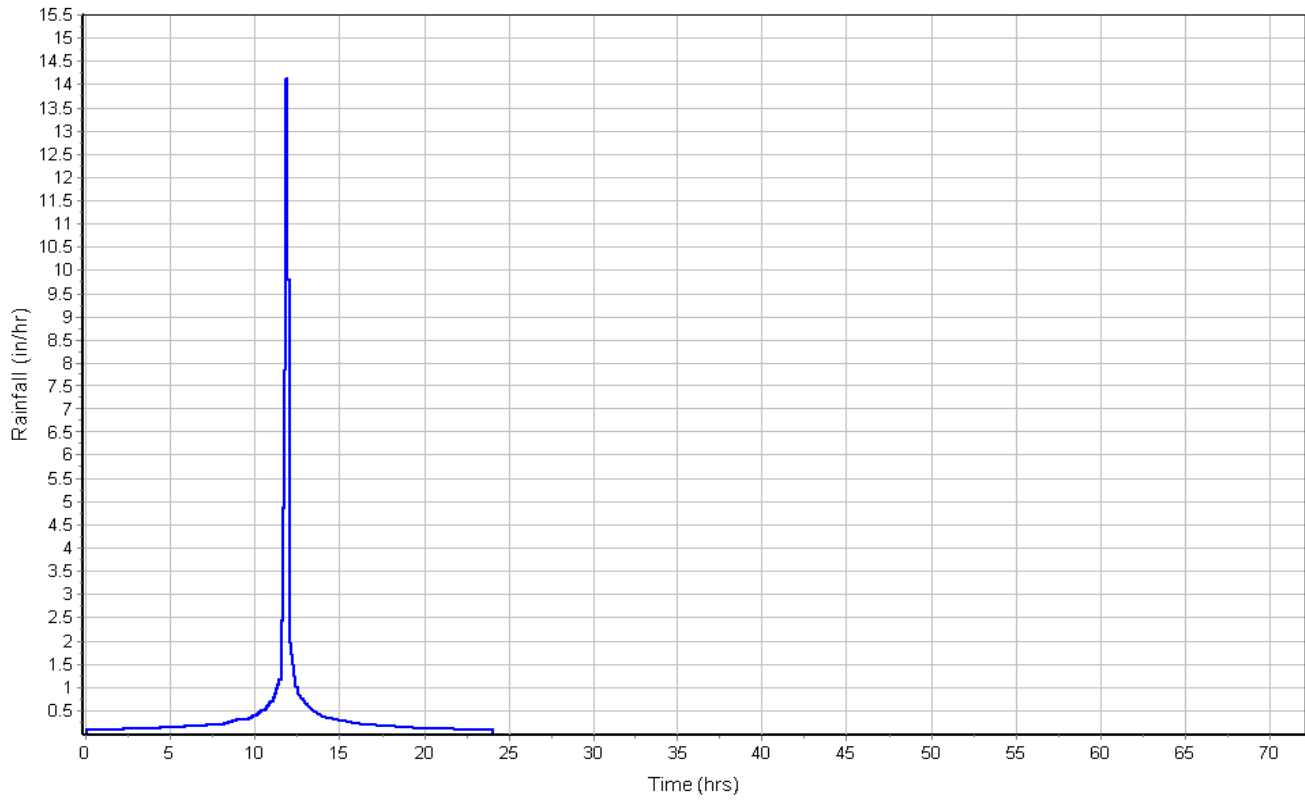
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	16.91	-	78.30
-	1.40	-	78.30
Composite Area & Weighted CN	18.31		78.30

Subbasin Runoff Results

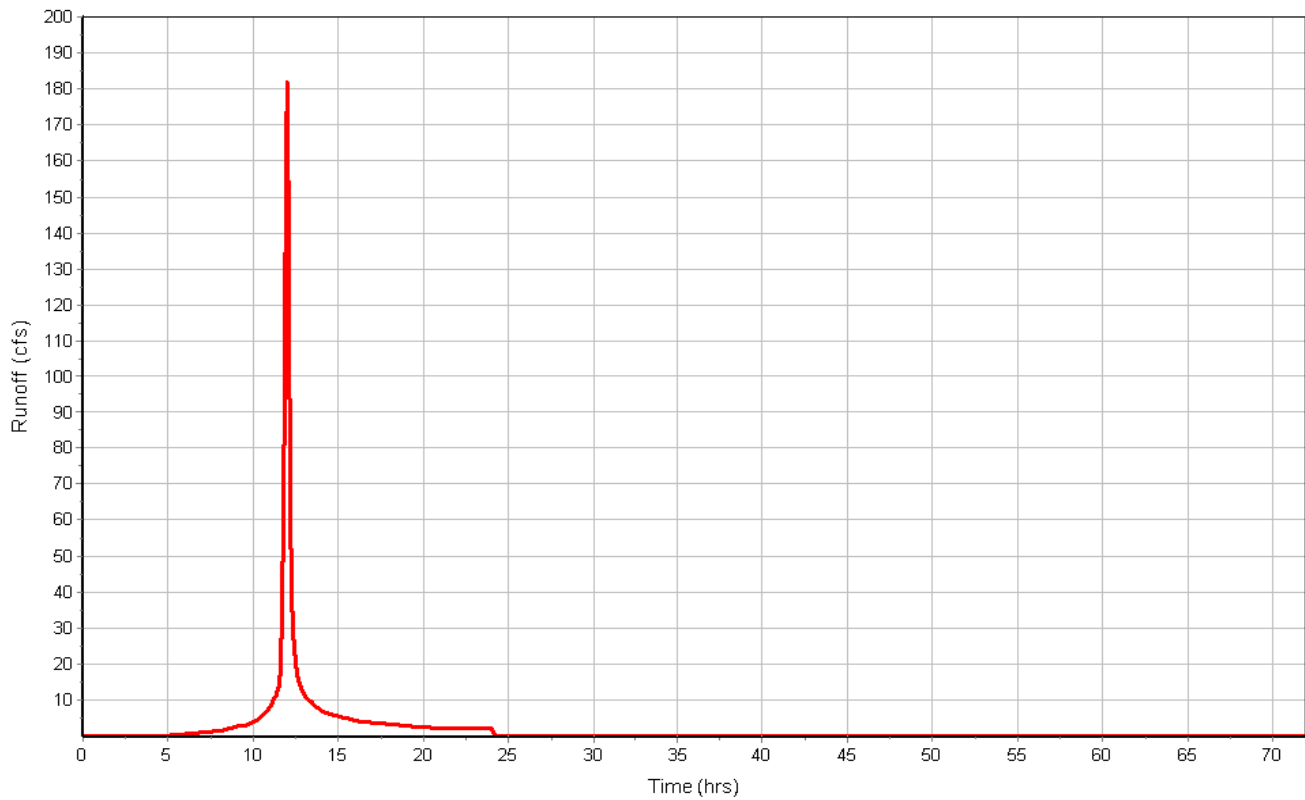
Total Rainfall (in) 10.30
Total Runoff (in) 7.59
Peak Runoff (cfs) 182.15
Weighted Curve Number 78.30
Time of Concentration (days hh:mm:ss) 0 00:11:08

Subbasin : POST-SB1

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : PRE-OSB1

Input Data

Area (ac) 5.63
Weighted Curve Number 95.00
Rain Gage ID SEMINOLE

Composite Curve Number

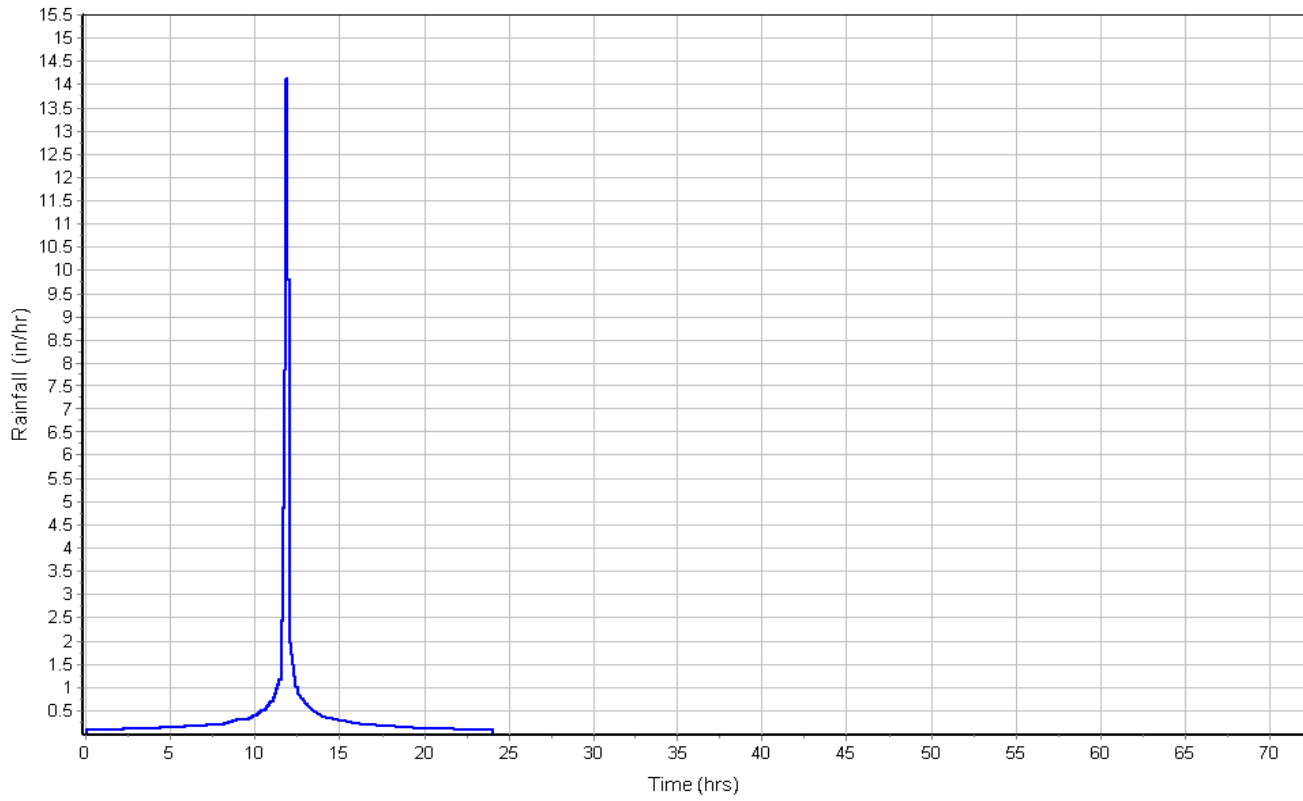
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	5.63	-	95.00
Composite Area & Weighted CN	5.63		95.00

Subbasin Runoff Results

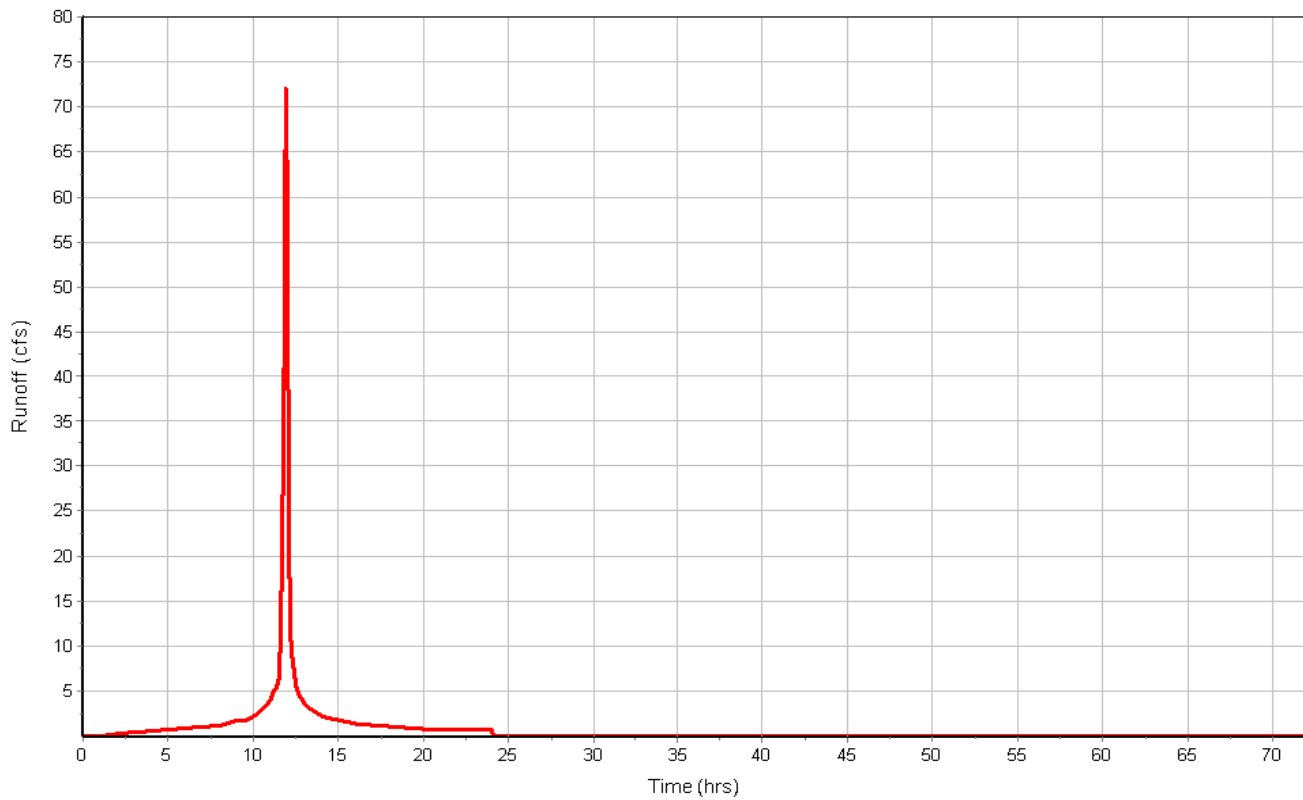
Total Rainfall (in) 10.30
Total Runoff (in) 9.69
Peak Runoff (cfs) 73.01
Weighted Curve Number 95.00
Time of Concentration (days hh:mm:ss) 0 00:06:24

Subbasin : PRE-OSB1

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : PRE-SB1

Input Data

Area (ac) 5.69
Weighted Curve Number 41.00
Rain Gage ID SEMINOLE

Composite Curve Number

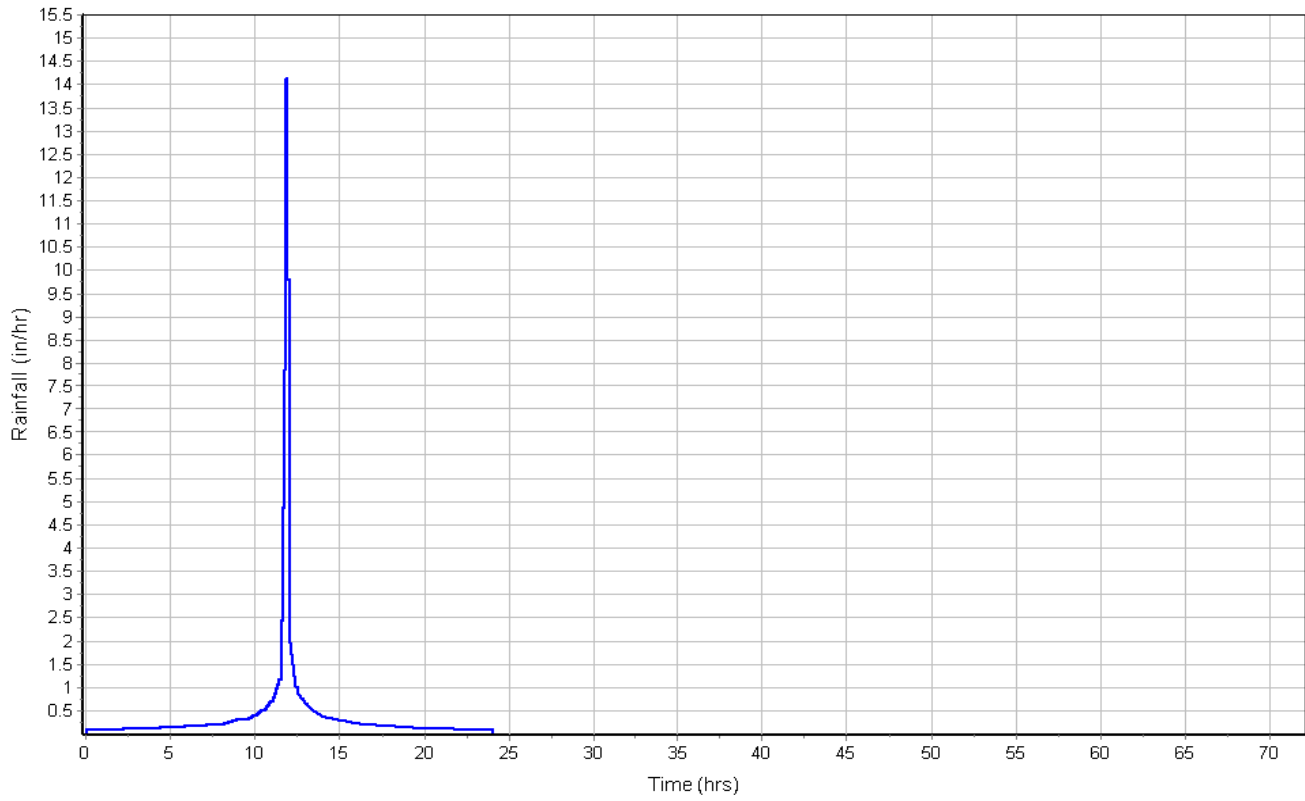
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	5.69	-	41.00
Composite Area & Weighted CN	5.69		41.00

Subbasin Runoff Results

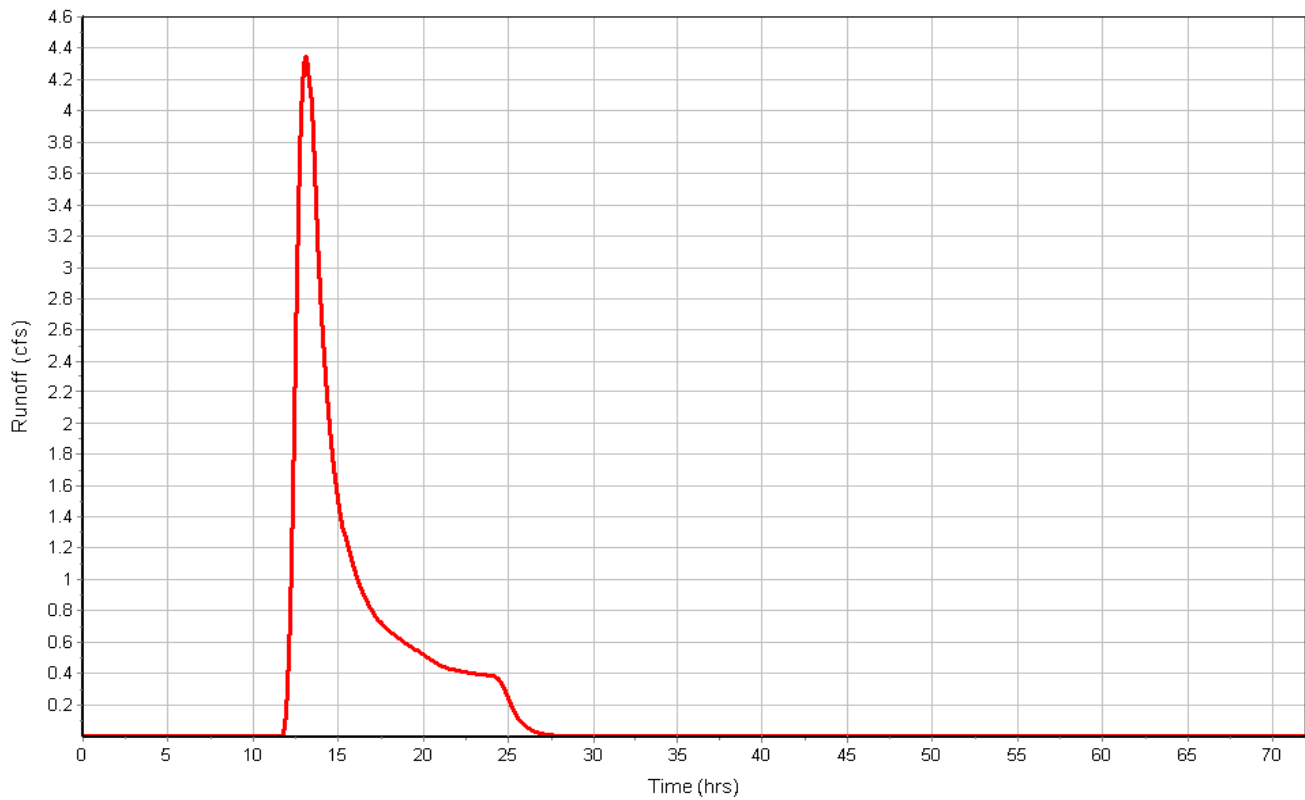
Total Rainfall (in) 10.30
Total Runoff (in) 2.53
Peak Runoff (cfs) 4.34
Weighted Curve Number 41.00
Time of Concentration (days hh:mm:ss) 0 01:47:42

Subbasin : PRE-SB1

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : PRE-SB2

Input Data

Area (ac) 24.81
Weighted Curve Number 37.00
Rain Gage ID SEMINOLE

Composite Curve Number

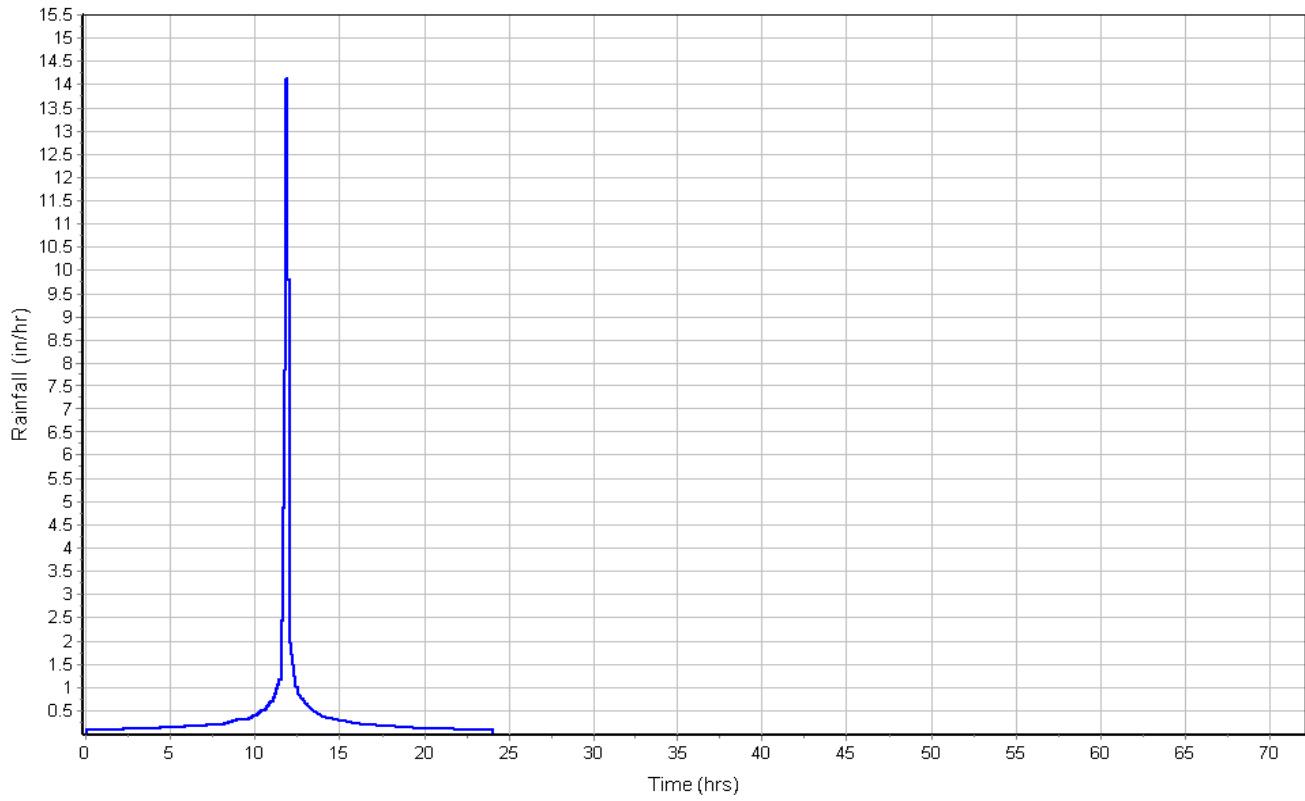
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	24.81	-	37.00
Composite Area & Weighted CN	24.81		37.00

Subbasin Runoff Results

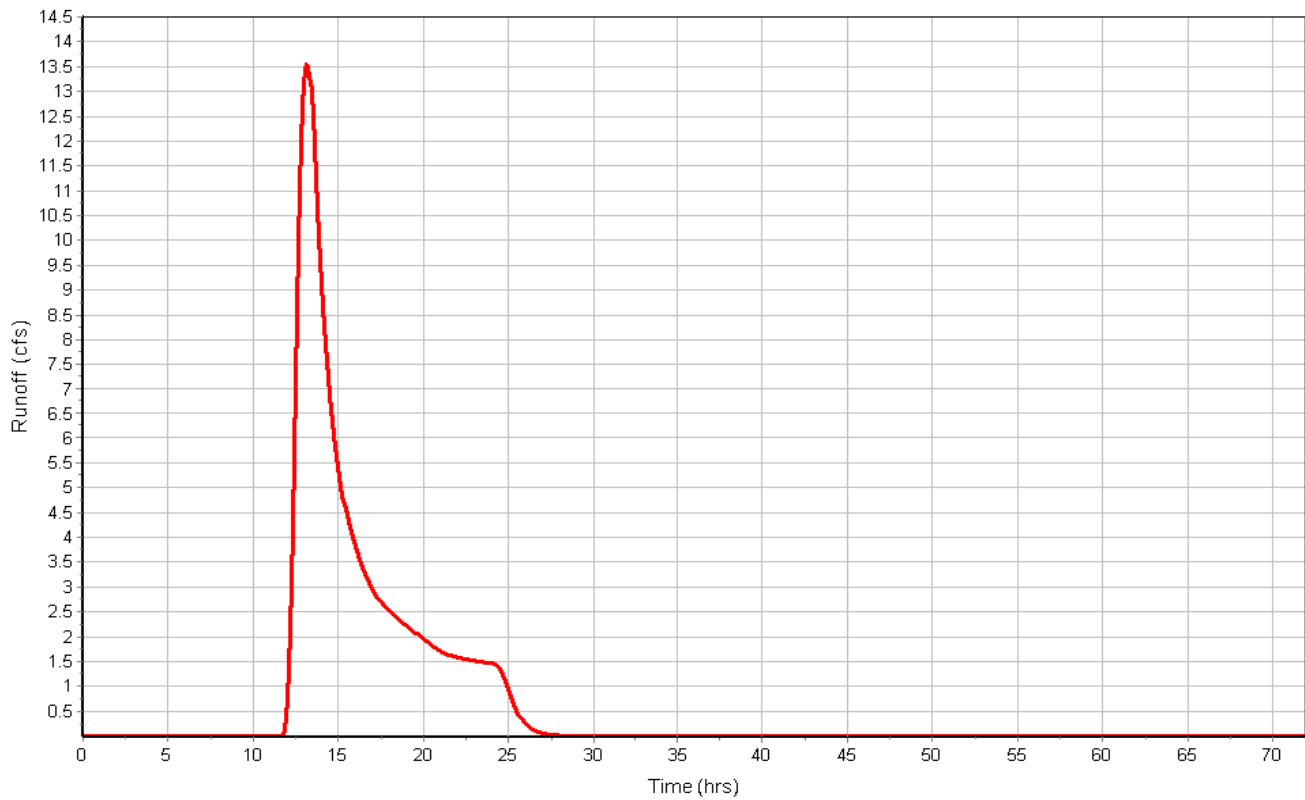
Total Rainfall (in) 10.30
Total Runoff (in) 1.99
Peak Runoff (cfs) 13.54
Weighted Curve Number 37.00
Time of Concentration (days hh:mm:ss) 0 01:48:42

Subbasin : PRE-SB2

Rainfall Intensity Graph



Runoff Hydrograph



Subbasin : PRE-SB3

Input Data

Area (ac) 14.42
Weighted Curve Number 37.00
Rain Gage ID SEMINOLE

Composite Curve Number

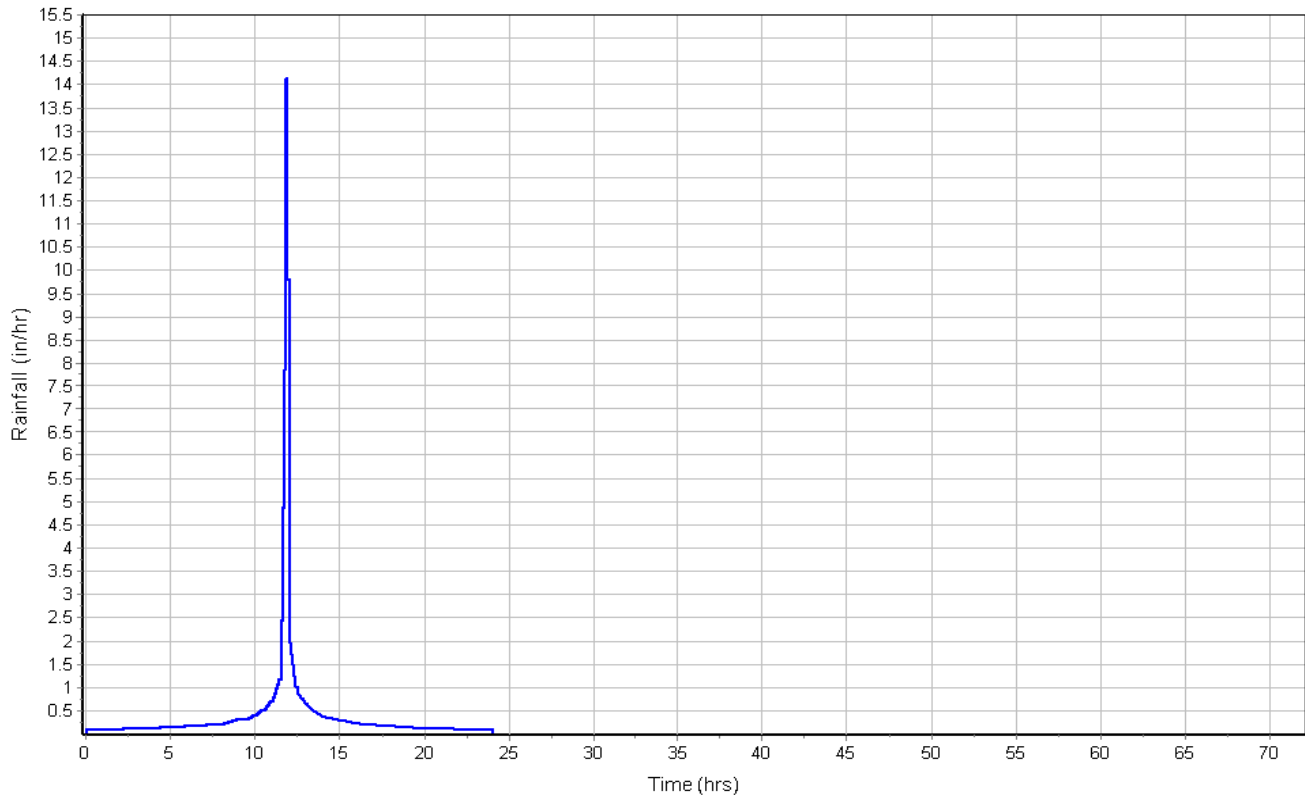
Soil/Surface Description	Area (acres)	Soil Group	Curve Number
-	14.42	-	37.00
Composite Area & Weighted CN	14.42		37.00

Subbasin Runoff Results

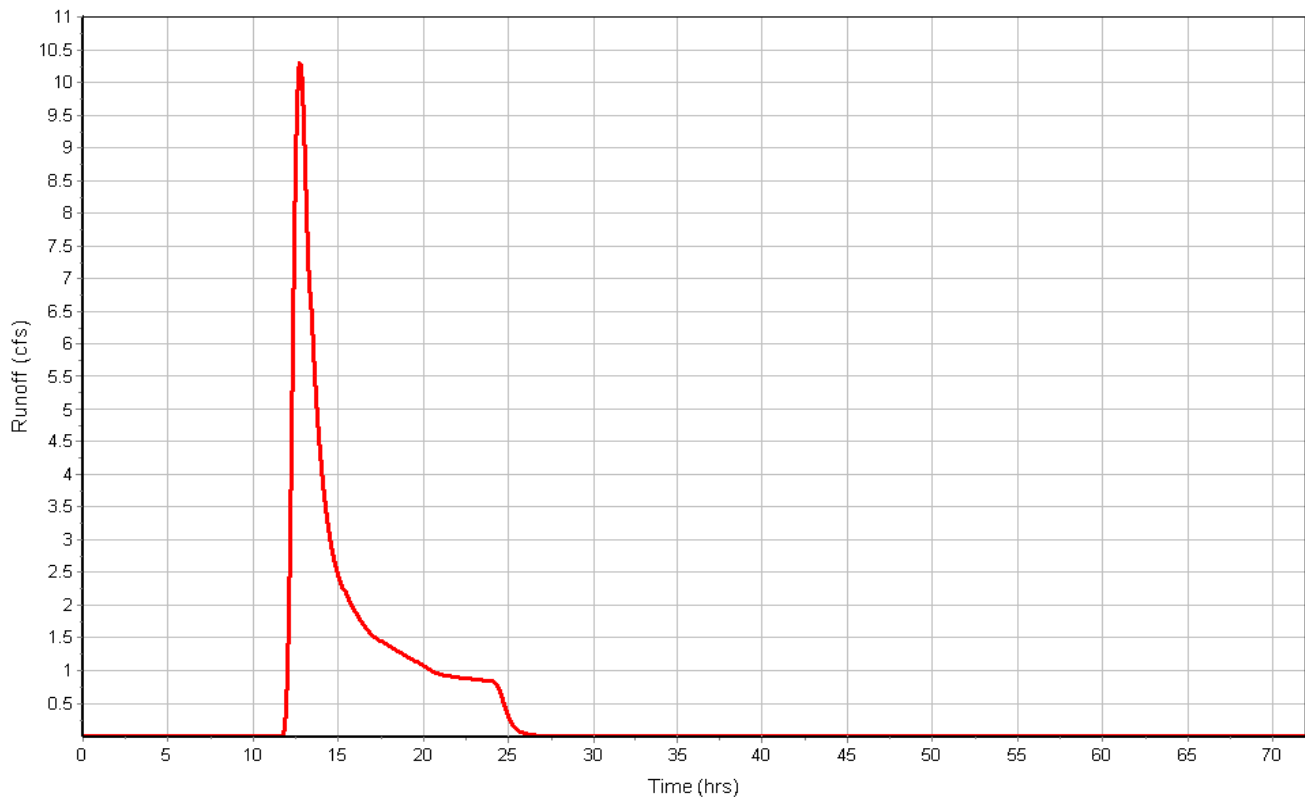
Total Rainfall (in) 10.30
Total Runoff (in) 1.99
Peak Runoff (cfs) 10.31
Weighted Curve Number 37.00
Time of Concentration (days hh:mm:ss) 0 01:15:00

Subbasin : PRE-SB3

Rainfall Intensity Graph



Runoff Hydrograph



Storage Nodes

Storage Node : P1

Input Data

Invert Elevation (ft) 67.00
 Max (Rim) Elevation (ft) 71.00
 Max (Rim) Offset (ft) 4.00
 Initial Water Elevation (ft) 67.50
 Initial Water Depth (ft) 0.50
 Ponded Area (ft²) 0.00
 Evaporation Loss 0.00

Infiltration/Exfiltration

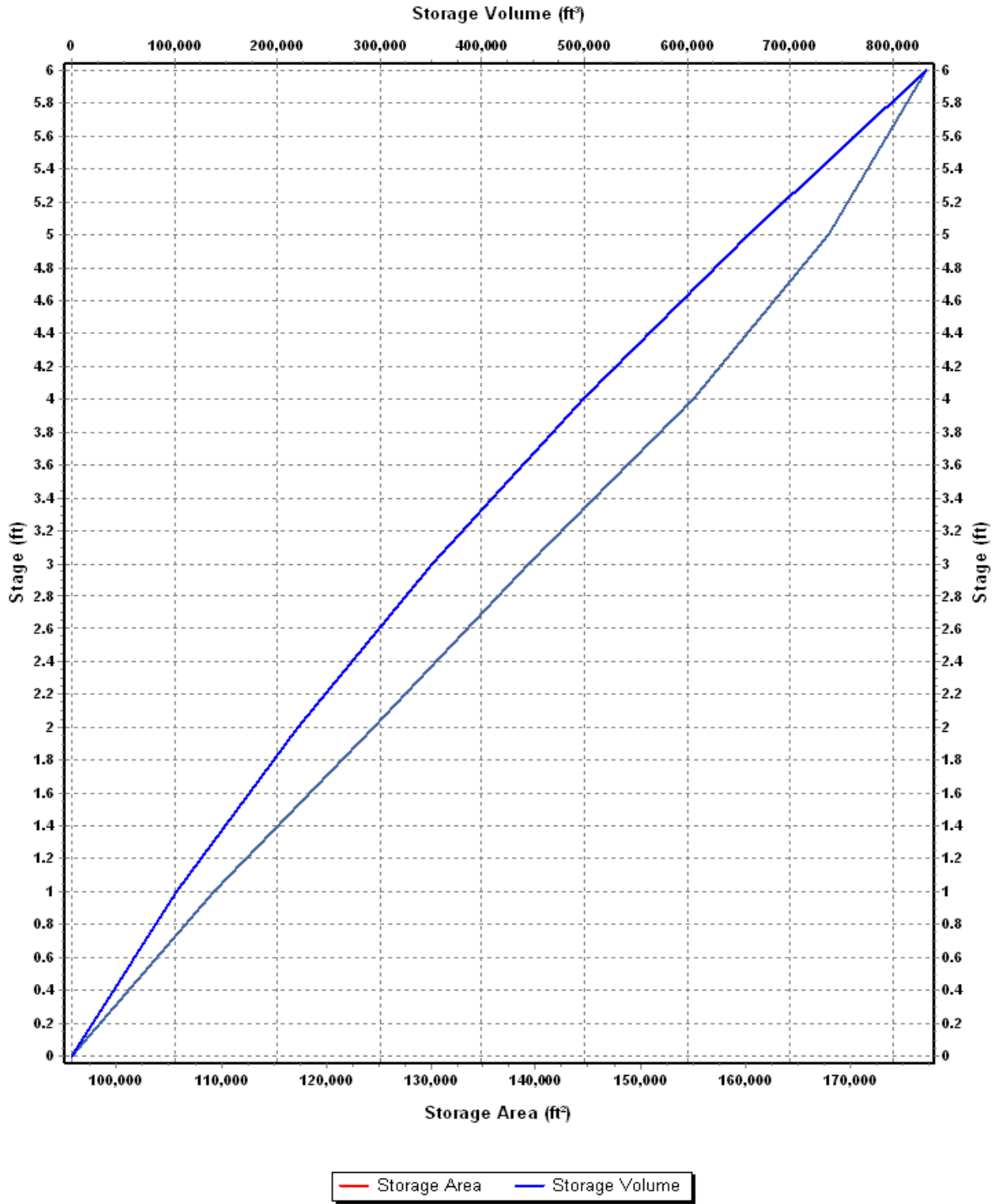
Exfiltration Rate (in/hr) 5.5100

Storage Area Volume Curves

Storage Curve : Revised Pond - TM

Stage (ft)	Storage Area (ft²)	Storage Volume (ft³)
0	95742	0.000
1	109293	102517.50
2	124413	219370.50
3	139319	351236.50
4	155036	498414.00
5	167827	659845.50
6	177193	832355.50

Storage Area Volume Curves



Storage Node : P1 (continued)

Outflow Weirs

SN Element ID	Weir Type	Flap Gate	Crest Elevation (ft)	Crest Offset (ft)	Length (ft)	Weir Total Height (ft)	Discharge Coefficient
1 EMERGENCY-OVERFLOW-SPILLWAY	Trapezoidal	No	70.00	3.00	10.00	1.00	3.33

Output Summary Results

Peak Inflow (cfs)	257.00
Peak Lateral Inflow (cfs)	108.49
Peak Outflow (cfs)	5.00
Peak Exfiltration Flow Rate (cfm)	1079.32
Max HGL Elevation Attained (ft)	70.10
Max HGL Depth Attained (ft)	3.1
Average HGL Elevation Attained (ft)	67.80
Average HGL Depth Attained (ft)	0.8
Time of Max HGL Occurrence (days hh:mm)	0 13:41
Total Exfiltration Volume (1000-ft ³)	840.398
Total Flooded Volume (ac-in)	0
Total Time Flooded (min)	0
Total Retention Time (sec)	0.00

Storage Node : SB1-DITCH

Input Data

Invert Elevation (ft) 73.00
 Max (Rim) Elevation (ft) 77.50
 Max (Rim) Offset (ft) 4.50
 Initial Water Elevation (ft) 0.00
 Initial Water Depth (ft) -73.00
 Ponded Area (ft²) 0.00
 Evaporation Loss 0.00

Infiltration/Exfiltration

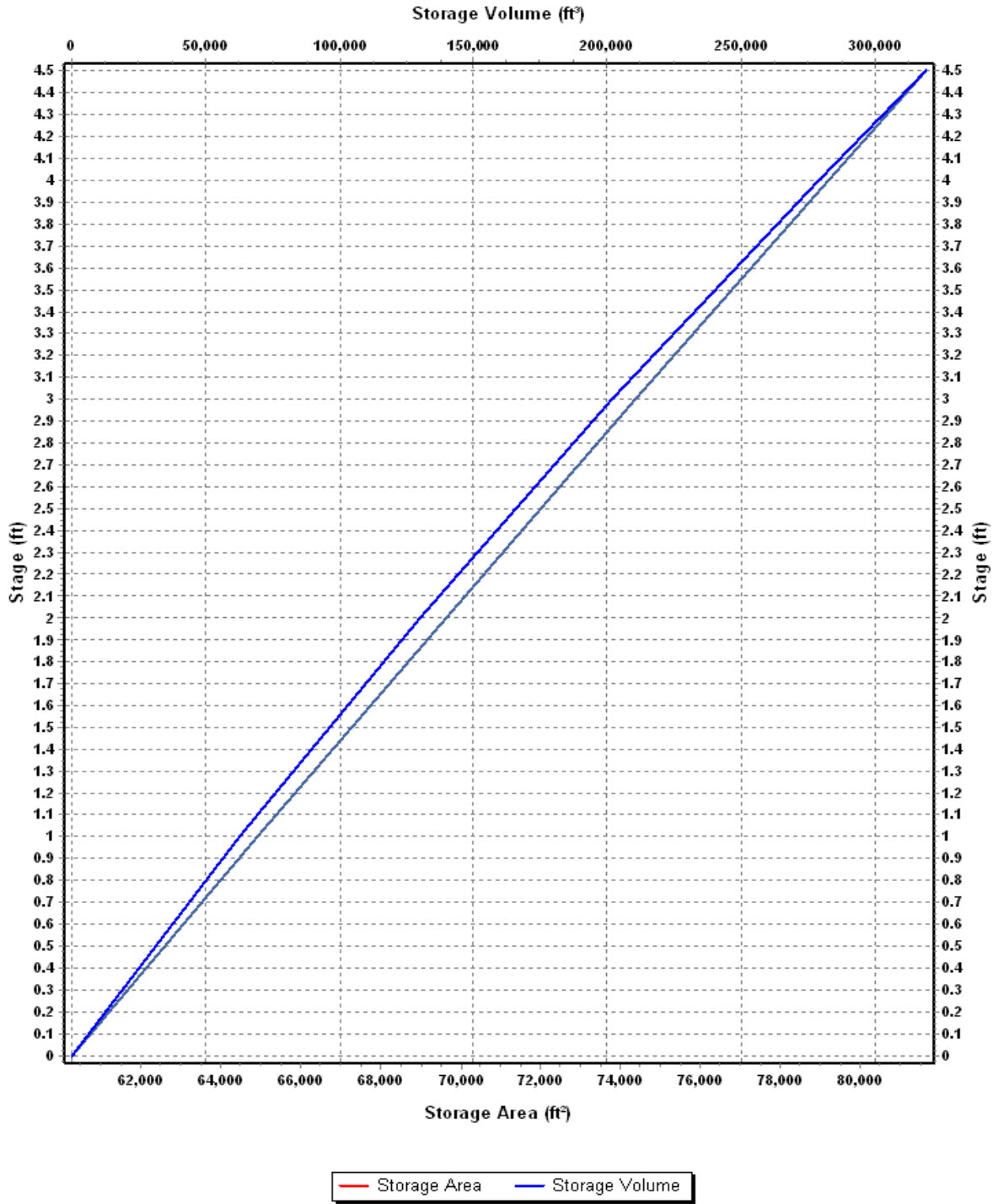
Exfiltration Rate (in/hr) 5.5100

Storage Area Volume Curves

Storage Curve : MOD_SB-1

Stage (ft)	Storage Area (ft²)	Storage Volume (ft³)
0	60282	0.000
1	64928	62605.00
2	69630	129884.00
3	74389	201893.50
4	79205	278690.50
4.5	81634	318900.25

Storage Area Volume Curves



Storage Node : SB1-DITCH (continued)

Output Summary Results

Peak Inflow (cfs)	181.89
Peak Lateral Inflow (cfs)	181.89
Peak Outflow (cfs)	7.47
Peak Exfiltration Flow Rate (cfm)	585.55
Max HGL Elevation Attained (ft)	76.36
Max HGL Depth Attained (ft)	3.36
Average HGL Elevation Attained (ft)	73.90
Average HGL Depth Attained (ft)	0.9
Time of Max HGL Occurrence (days hh:mm)	0 12:41
Total Exfiltration Volume (1000-ft³)	475.487
Total Flooded Volume (ac-in)	0
Total Time Flooded (min)	0
Total Retention Time (sec)	0.00

Storage Node : SB2-DITCH

Input Data

Invert Elevation (ft) 67.50
 Max (Rim) Elevation (ft) 73.00
 Max (Rim) Offset (ft) 5.50
 Initial Water Elevation (ft) 0.00
 Initial Water Depth (ft) -67.50
 Ponded Area (ft²) 0.00
 Evaporation Loss 0.00

Infiltration/Exfiltration

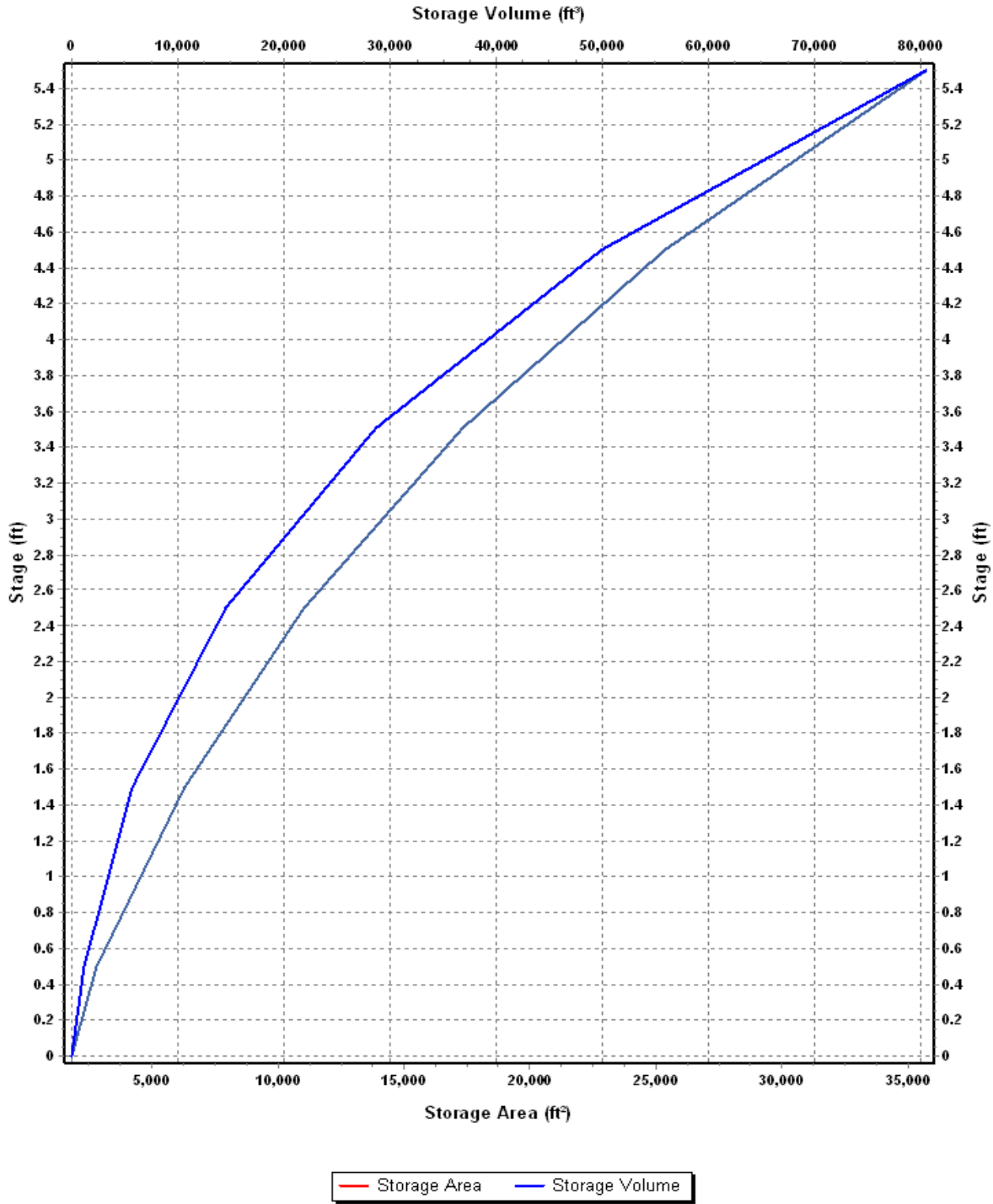
Exfiltration Rate (in/hr) 5.5100

Storage Area Volume Curves

Storage Curve : SB2-IFC-415

Stage (ft)	Storage Area (ft²)	Storage Volume (ft³)
0	1839	0.000
0.5	2837	1169.00
1.5	6331	5753.00
2.5	11076	14456.50
3.5	17298	28643.50
4.5	25364	49974.50
5.5	35700	80506.50

Storage Area Volume Curves



Storage Node : SB2-DITCH (continued)

Output Summary Results

Peak Inflow (cfs)	98.74
Peak Lateral Inflow (cfs)	2.12
Peak Outflow (cfs)	80.15
Peak Exfiltration Flow Rate (cfm)	146.13
Max HGL Elevation Attained (ft)	71.22
Max HGL Depth Attained (ft)	3.72
Average HGL Elevation Attained (ft)	68.56
Average HGL Depth Attained (ft)	1.06
Time of Max HGL Occurrence (days hh:mm)	0 12:06
Total Exfiltration Volume (1000-ft³)	55.990
Total Flooded Volume (ac-in)	0
Total Time Flooded (min)	0
Total Retention Time (sec)	0.00

Storage Node : SWYD

Input Data

Invert Elevation (ft) 74.00
 Max (Rim) Elevation (ft) 78.00
 Max (Rim) Offset (ft) 4.00
 Initial Water Elevation (ft) 0.00
 Initial Water Depth (ft) -74.00
 Ponded Area (ft²) 0.00
 Evaporation Loss 0.00

Infiltration/Exfiltration

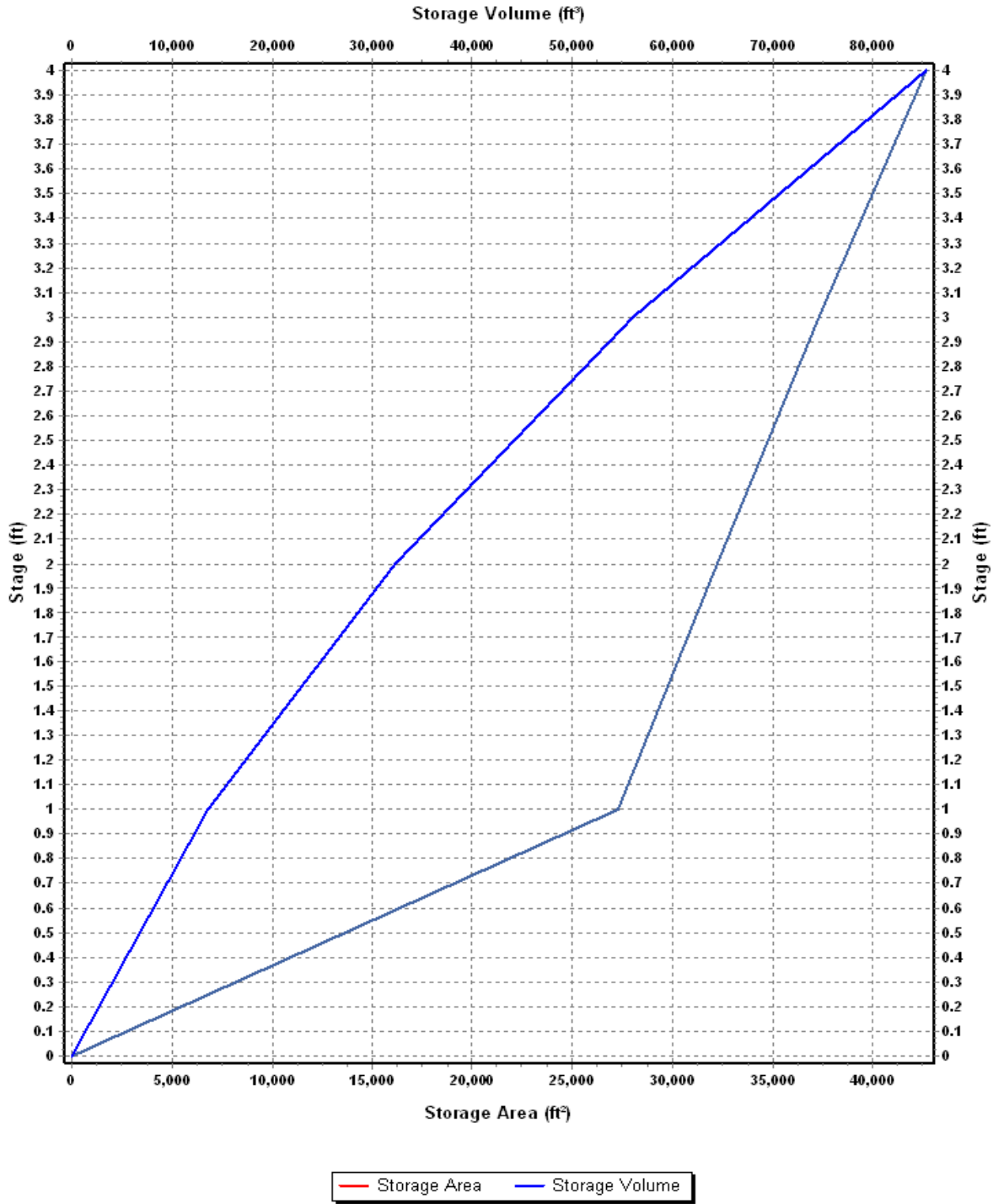
Exfiltration Rate (in/hr) 5.5100

Storage Area Volume Curves

Storage Curve : SWYD-BV

Stage (ft)	Storage Area (ft²)	Storage Volume (ft³)
0	0	0
1	27244.00	13622
2	32220.00	32220
3	37327.33	55991
4	42652.50	85305

Storage Area Volume Curves



Storage Node : SWYD (continued)

Output Summary Results

Peak Inflow (cfs)	72.02
Peak Lateral Inflow (cfs)	72.02
Peak Outflow (cfs)	12.99
Peak Exfiltration Flow Rate (cfm)	265.61
Max HGL Elevation Attained (ft)	76.48
Max HGL Depth Attained (ft)	2.48
Average HGL Elevation Attained (ft)	74.49
Average HGL Depth Attained (ft)	0.49
Time of Max HGL Occurrence (days hh:mm)	0 12:13
Total Exfiltration Volume (1000-ft³)	83.441
Total Flooded Volume (ac-in)	0
Total Time Flooded (min)	0
Total Retention Time (sec)	0.00