

0



2

#1

Norcom®



#2

80 SHEETS MEMO BOOK

77-410 5 x 3

NORCOM, INC., ATLANTA, GA. 30366

TRIP 1 / SP 9
Field Book / 1984

Collins Co.

April / May / 1984
29 - 2

Richard Johnson

STWMD

Palatka, FL

① 4/29/24

Beginning Mileage (LN-7 Mercury)

33524

Time: 800 AM

left 504 Posa TAVANOS

T-75

938 AM

33550

W170 road

J7IN74 Tampa

33620

953 AM

41 AT-4

Tamiami Trail

33623

9:57 AM
204

delayed by train

336 261 004 - 1008

ALON

33637 1022

out - 75

low
bush

R-skin exit 1022

33642

the number

33647

1033

Brampton 1420

33659 1047

24 exit 33662
1050

780 exit 33672

11.00 33672

skull plant! (148)

12 exit 33677

711 A1 33677 milk & 1 PK

33677 (153)

6 lane
venue exit

(621) 33682

1113

3371705

Peace R. Antiquities
1150

in sight

17AT-95 main
exit

33719

1152

Pl

Flatline
NPL Mexm

33778

1214 - 1225

(.14.7
midge)

Calusa table 12 12/14/14

33748

1228

1280

33742

1229

(218)

17AT-95 219 33744
1232 Phoenix

1000. water ga

33775 (milk
7-11)

OK on I 75,

33746
(247)

Water Co

33769

115 (245)

end D-95

mples PK (246)
exit

118 33772

(248)

417 mtr 33776
(252)

124 pm

note 135 pm

33783

(259)

rm 209

gas station → where →

try call

Budget of to automobile

(2-3) with cutters

red ink

~~1~~ TAN Tr 154/ ↓

315p 22984.0 (T14 tank)

-951 + pcw call

try call

Call vergen 192

343 (23002)
pm

29 2018 (Cu Hyl
bulb)

~~sample stop~~ Tami canal
10000 box S bank

✓ 6/4/2018

25.0
NS339
154 millions pk
24.8

↑
MK Mach E ⊙
26.3 -

to stop (2) 23,035.0
TAM canal
sm 60 x
only add S bank

Murder stage 4

36-4

502pm

Stop 3 by 618 Blue (N)
samples for sine wave
(route) cancel

23041.0

drilled 5 ft

Footed E pt. to top

very close to 23045 523pm

-> OK

24 N 41
Sms 0.5 out

23101

632pm - 711

back 720 pm

mileage 230105

DAY 2

left motel 8:12

23105

gas \$11.70 (1/2 tank)

711 P/P

W

W

Breakfast stop B-Craig!
(first time)

825 ~ → 8:50 (H 247)

23108

stop 1 951 N41 ~ 1/2 mile E

SE water control station -
is not out crop: full

H 11 808

Collected for stop 1

23124 9:18

1 deer at/pcr. a walking barge
started the natural tel - too many
mosquitoes AND yellow flies AND
only horseflies' annoying.

left 23125

944

pic stop camp Tan Tel/Craig

23137. 1000

729 / 23140.6

1006

1009

23142.4

First out camp
(out)

(put
ppt)

23/43 bridge - no obstructions
good cut crops / cut plenty
at 1.5 (giving around
no samples till 1016

S&T / choppee

2344.1

1018

~~the choppee~~
water pit
outcrop

2344.2

4 → 2 samples
(15m
etch mark
(fraz))
mudcrack

~~choppee~~ PO 2 pics
1030 23144

TAMTAM Canal outcrop
pic 23147
1046

pic center - canal looking E
23149
by dirt rd 1045
tree lined

pic & sample stop (3)
for mold culture ssy chert
23150.7 1100
of 6m

managing station

1110

(94)

23137.4

pc stop new for pins
to 5-41

23165 1120

(than ml(w))

Callen Coline 23172.6

page

1133



back W to pit ↓

pt to 5-41

23177.0

(Sample 6)

1143 - 1159

Deckard flat

~ 10-2. W of first bend

and 1) L

in TAN ml.

NAME CO

(E Co.)

Marshall apt

(23173.3)

pc to NAME CO of 94 ent.

(E)

(209)

(23185.3)

no shoulder but paved

Josephson

23188.2

man 1215

2 ~~7~~ 7 ad Δ

prec stop - of rd (94)
W 86 23148.6

1217

2 sample 22191.1
canal to S
(ditch)
deep

1220

within 1' of surface

main LS

5 sample 212
75m

indiv. wrapped

Leak
96m

note:

main rock more massive

u hd much less ϕ (more
at 4m)

curve 191.2

major curve to N

23142.7 / 1236

stop "canal" to N just
W of

23143.4 LS: fine root

7 animal

one sample gran
& tan

with
flat

1243

labelled (prev) mon

prec stop 94 - W 86

23143.8 1247

prec W 86 94 @ SW

with 10,

23149

+ curve
@ 130

pic stop to S. 6/monday

23200.0

140

sample stop Lual + S
exactly same as Monday

23200.2

1.46



sample stop

23206.6

x 2 pic "core" on other

GLS (to L) + the
ortho

2:40 pm

3 pic

same thickness 2x mm.

prob.
collen
finalex

end 94/1741

23208.7

2:50 pm

23212.2

04 41

3 1/2

5-039

dot (N) (pink) again

stop



3:21

23220.0

anal to E

1 pic mte 0239

dot - just same

as do

1 pic next L ch 1/4 way

4-ft Alligatent (pic)

x 1/4 way

This canal goes to the bank
and by bank of [unclear]
single - cant see it

Canal is 12x22x20
w. near to A.Y. Canal

Temp (12) Canal to E
23221 w bank

3.44 2 types policy running
L

pic stop 4' exposure
23222.4 on the bank
3.55 canal to E

839 N rd to W
(23222.0)

4:15

single stop (13) ✓
canal to E
E bank 4.21

23226.3
"the good [unclear] [unclear]

↓ BK 5 to 827
N 227 W →

23226.6 4.23

canal 11/5 Thursday
(to N)

stop 14 - Normal
S brake

org mat / poly Ls. 140 type
+ no more

23227.7
4:30

curve to S (90°)

23229

no other
direction 443 pm

now
canal
to
E

15841 (to W) (AUS)
23231.5 V12

5841 741 TAN M1

23235 5:11 pm!

in Octopus eye to
S curve

Merriam's wharf mph
6-7 23270P

23273
706 DK
G matel

curve mode

23273.6

P.O.T

GAS ¹/₂ mile S.E. 23273.7

P.O.P - P.Y

little above the 1/2

check road

with both windmill

not self done

11.00

7.6g.

Clark and Creek

8.18 23275

846

W.D. 955

off 41 onto 94 (W)

23307.6

9:29 AM

canal to E but no
outcrops yet!

7837 to W 23310.0
copeland 834

Stop 15
23302

power lines
but

435 private

canal to E in fence
400 feet across middle of
calculated

7837 to E

23311.3 948 to
exterior. Paulsen habitat

stop (16)

23312.5 canal to E

in bank

2 types calcareous murex
of unindurated
whit

1001.

23313.5

terrene

1007

very stop - canal bank up W side

smoothed and soil path

23315.2 1009

(17)

stop canal to E
in bank

10.25

same as 10

why murex is

hd cal the - and
same change to

stop 14

23316.2

(18)

23320.3

10.50 water to E
in bank

2 types of + or not
whit in calcareous
hd

(19)

23323.2

1118

canal to E

transition in bank
on

Unnilan

1223

23331.6

~~14.4 w/ripps~~

no more cut ups

233 325
1226

oil well pumpid pic

2333.4 1228

to W

12858 23334.4

1234

known to
6K5

ble to oil well PK (S. H. Co)

23335.8 1239 to

2 pieces fish + old ripper
cure (2 pieces fish!)

no bugs / use ^{SW} wire in shorts
no ore

sit at table awhile / water
cleared my oil port (1/4)
many jets water

port Best hand specimens in sun box
8 edd today

also from

Engine

13 Miami Lithology

2 plates

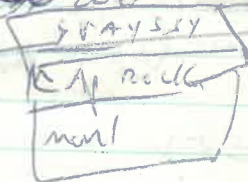
1 from Miami Ls

in pack incl. today

DOU-ANNE @ 125

plot today's outcrop sample pts
(none)

cut out ~~200~~ 200



(pic) stop
233444

84 Allgate Aly → W

2334 219m

Canal to N SLT

100' Gray

1 (bulky)

res to 1 hour

stop SLT no samples

23349.9 same 2 top

232

hydraulic interference
not a feasible
unit to form

bed lamp noted
brown/orange/tan

only 1 ore ledge outcrops ~ 1/2'
Muck down a slope in canal
until (tan)

(23) 23351.7

crinal to N
for bank

255

Tanami plagioclase

1' hd typical mottled blue

2' soft grey chalky

↓ 2' exp.

very soft ssy
with tan but some
mottled!

Wend rest area

23353.0

200

Res to the
RST

23355.1

310

crinal to N

N side

int ssy
hd - soft chalk
tan mottled
soft - chalk
resamples
in mill under

✓ (24)

23358.5 - .6

327 crinal bit dry

d v shallow

gray v soft brownish

silt (silt & ss) crinal bit

(400) Tan ss minor

only < 1'
(sand)

mul-chalk phone
gone at ~ 23358.0

7/11 plows

23365.2
754 339

23365.4
242

past 11 bells ↓

57600
23368.7

23370.2 3:55
and 1 to E in back

✓ (26) = had memory in
note to

(0) of calculator - need to
(manus)

some and did of 75

all $\leq$ had

(5') exposed

two much
(mathic)

→ home

Alley
Alley map
23371.6

C 264

23374.6
net part part

400 on other to w
part of the
other

141

23377.0
413

→

~~Burgundy~~ stop climbing
wends to go

23) 324.6 426

net 23 324.6
438



Pos (4) 3/2/84

leam note 23388.6
808

gas 724 6.15g
8:10 23385.0

LCMS 23389.6

818-256

642.845

4 1851 914
23400.0

WA

(27) ✓

anal to E
w 5412

cmu'

95

9:30 23401.4

(hd) colipant = calcane
mod moldie p yellow 814
8009

more combos/transits, 7 wnt filer

1864

C-

935

23 4634

(28) ✓

23404.9

953

anal to E
w 5412
1/2 cam
2x pos

und mottled brown tan orange
but (C) calcite fls
(pale mag) and
red to some reddish

Fair to typical mottled
calc men used lot of
one minute

22y 23406.5
957

C 886 408.5
1000

(29) 23409. P
anal to E
w bank

und tan to mod reddish pelccy of
gray tan calc men - to minute
(C) hd 100 mottled brown
orange
fair to good cut

23411.0 10:22
v poor exposure
cracks
surface colors
only

(30) 23412.5 1041
anal to E w bank
good exp. und 104L
tan mottled but (C) pelccy massive gray brown

Last exposure

< 1 m. N. (sand)

7846C 23414.5

(-951)

10.4P

no mo' collar

END sample

turnaround 850 BK
upper

S to 84 → 418N →

23422.5

here
sand

23429

1109

pass note / m3
11.7

23431.9 (6.5)

41A - ed - obviously
not "old 41"

Flint 41

to 100E →

middle column notes

3m

23465.4

6K 80741 out

or B-341

to
(20) Friday

23467.9
12110

80 031N 1221

23475.9

1300 hours

calculator

23476.9

1221

078 1229

23477.3

Cham to N Co. line 1233
23480.6 stop - drink

+ 120 =
Cham to N

no exposure

1st 8 min

stop 1st

1st 11 min

23480.6

(0.0)

7/4 up - 666.000
1 (1/4) - 610.5

(174) 23482.4
1259
665

ON 41N

TAMU 121

Fluxus
7/4

23517.5

124

Printed 2

23537.5
Brent 7/4
159

down 100 p6

202

23540.4

(1/4) note 1

recovered 541.3 - 542.2
traced 203

7/4 141 Sp. to (S)
23582.0

303

201/41 200 314
23586.9

23589 p ^N Brader

10.70 8.42 ³³ left here

119 9/2 324

Braderen

"Braderen" Δ ed!

Amount "
 Due

Rest Worth!!

247

23599.0

(11)

4 home

$\div$ ed

951 calculate
to 7 mpy
=

Manatee R

Bridge

23,800.4

3:50 600 p

onto F-47 App
W

23637.7

445

(2) F-75 11.4 44p

rust 4

HR

23,640.5

in wood etc

→ 94

709.0

60 p

for 504 Dory

6:45

21735

S Fla TRIP 2 Day 1

Leave Tammes m/p 6/10/84

12,324 \$: 19

on 195 72325.6

8:23

SSP S. Harvey exit

12339.5

\$: 40

super exit

11:24 AM

(706)

12504 \$ 3.70

CIP Hungary 112P

12505

51 Jupiter

12,509

1122

707 / AIA to
Jup Tele

12510.8

#34

During ex (5 to 81)
Native Conservancy
name

(Mentha Co) 1144 - 134

17513.2

OK to Xumpike - on

12521 / 1133 PM

off 21 250
at 40

504, 2337 Holli
22233 Turn
single red 404

→ into LDB → 7041 ⁵areechoffee
old
across Royal Palm
Bridge

12 543.⁵
3:10

(Lake Worth)

12 540.⁶
2:58

OK across
St. Hony!
Isve

San AIA
Palm Beach

12344.4

3:17

12 552.0
126 PM
OK Non AIA
no outwup

won't
AIA (1255).0 128

1256.2
247
5 days

0 R 54

0 B O A Rate 1st L
42P (200)

578.3

40 SP

W →

411
24.7
59.1
140

2.75
7.8 11.19

N 441 →

582

2
4/6 pm

~~1411 5600~~ Canal
other canal to E of
441

12504.11 4.21P
(111)

12504.1
12502.2

transiting 7
5:04

12505.3 203pm 587.3
ONTO 227 12501.1

1411 5600
12505.6 506 - 125
and stop 3

6K E d 610 to (motel) →

~~610 to~~

11 441

12 5 6.7

127

5 →

441 11 810

12 5 6.7

129

12 5 12

810 11 895

740

2/4 1 95

okee cho 1300

2619.6 60

BKing stop

12 6 26.7
613 2
-6/7

0300 motel

12, 6 23.7

end day ①

Day 2 6/11/84

leave motel

12623.7 p. 20

E to 7-11 on Ukeechobee

7-11 stop

12624.8

820-25

55P - 25 830
12626.0

along "stop 4" 12637.8
road metal samples 9a-10

road metal samples
OYVA stop rd
Manti Ls & Ssm
transitive?
(pos. not)

50.1 exit 27?

Just got 36j

road metal pt

exit 20 17. Landgate
Commercial Blvd

915 12662.6

12678.7

off 1/2 p 934
Manti

pal netto copy

742

26027

12706.5 4.50
2.8 gal

self same
off course in mountain

out 720 E
1011-12707.6

NYA Flight 151
Jh 102

1030-1055 lepers
&

stop 5

sunet

canal grobs

canal down dunny
12714.0 samples 7 plus

5.7 on docturnal?
Cany 100

pk 12715.9
methan 12K
100

1110-1140

Key Largo I saw

corals, very

out of way

oolites and - calcareous
to calcareous fossils

corals

possibly corals in Miami

21' on top pric

along highway

Step (6) 12716.5
near S / marine

look @ Miami sample
quarrying beach

1145-1155 12717.4

rust room / Tea (buy) / ~~South~~

until 1/2 square 6040 dist water

1156-1205 12717.75

Step (7) public beach
W side

1200-1225 overlooking Miami

corals, sample pric Miami

Miami (hd)

(top!)

(617)

admirals are 7

Leave PK

12719.7

12:30

5 on old culture

ONUS 15 →

17724.0 1242

ff 26.2 ML along us

Ken 12727.0

1251

⊗ stop ⊗

1773 p. J
HO - 120 under wing

Stamp # C-10

Home stand

12739.8

(NE 8-11)

125

pic stop to W
green gulf RL
mangrove isl. the sky

150 1275 p. 1

mmiker 11

L surprise 15C

1276/1.7

MM
Key long

107

Holiday Dnn

12769.0 220-230

no 2v no fault big fault zone
offset
line
acon

bk → N → US1

stop 9 huge pile KLLS
w side rd

12769.6 235-50

stop 10 US1 - huge pile
w side

12770.0 250-305

~~stop 11~~

Perocamp

777.4

309

cut 12772.3 stop 11
pics 3100-3

2 in city sample (in 50 ft) (in 100 ft)

OK N US1

12772.8 5

3:27

0.70 m 1/2 m 1/2 m

at camp where 9055 ft
N just 5 lake surface

one - hd in situ mod'ly

stop (12) sample
pic

340-350

OK stop / picnic

100-402

12783.3

motel 403

12783.8

PA-73

amen on
Lowe motel 8:40 AM

12783.9 S → US

pic stop - "red tree"

12784.3 849

Tulamarady

12794.6 TUB

on
Green turtle nest,
(ate previously)

910

12801.9

note:

requent stops to avoid/allow
passage of traffic - (2 hrs)
beyond Key Largo

40 mph speed limit in most areas

Marathon 12830.1

9:59

12833.8 1007

PK AA site 7
2138

Hunter, Part
new to house

12834.8 1009

7 mile long

seg.

(new
one)

12837.6 ~ 1015

12842.2

Bahia Honda 4/11
Dress

1025

12845.6

46.85

1003

Py Blue Key
12849.0

1030

1050-55

12852.1

turn

E/E

Stop
B

12852.2

at the
creek bank

5K Non VSI

12852.3

ML

Turn N onto Key Deer
Ave?

12857.8 (12940)
marked

1058 / Key Deer
not marked

Back C Watson Refuge
Native Tr

1105

12856.1

- 1200

~ 1 mile long

ML @ surface "up road"

stop (14) 3 samples
- 2 small

N/W → on Key Deer Blvd

end Key Deer Ave (C)

1206

12857.45 → 5K to 1

~~1215~~ S.

Blue

Hole

(sink hole L.)

1215-1222

12

17 + 9.0

2 in situ

extinct LV
3 to

all back m2
samples

Monroe Co

94 samples!

Step 15

pru(2)

1206.9

1227

W/S →

41m (C-Raildand/Cay)

1202.8

mm 9

12:55

key west

12087.8

1:08

W/S →

drive around SW corner

stop 10.00 7.55
1:15 - 120

12090.1

12091.7 124 end

leave key west

- 904. 7

205 pm

stop

in mail to Ed

BDCA China Key
(N.A.)

2/2 pm - 229

12/08.5

sample - many @

ML
redeposit Barren note

step (16)

MP & Monroe Sheriff
camped on me!
(pics while planning)

take my film in 11

"send it" home
by end of wk.

w/ord

7 took some
Adm
tele #

229-950

stop @ Green turtle Inn
~~see it again?~~

12/8/08. 2

(surrender discrepancy)

440-743

note:

12998.3

6.11

DAY 4

leave motel (KL Holiday Inn)

PIP

12998.3

mus control 3

level KL 027

13006.1

FL at 7/55

NOZJ. 2 850

rain!

204 13035.9
901 toll subs

Snapper & Lure prod

909 1304
NO Lure 15

416

204 13049.3
921

(41) ext

13050.3

923

W 0041

W 0041 41 W

13050.6 924

925 del 41 13051.6

4,75 g. 44.56
(115.9)

925-930 34 m 12

stop 17 935-43

along Tamam canal
S bank

12054.0

on 4 mussy pie

ML
(top keys mussy pie)

946-54 13059.6 (ND 950)

one more pie mussy

(stop 18) fell on road

stop 19 13056.3 ^{more} ML
9055-1207 cap

~~946~~ 941

946

13056.8

1008

~~longer than ML~~

Upper exposures
only upper 1' max
+ All 19"

2 stop 19 samples
(key used Tamam till)

(stop 20)

13070.7 S bank Tam canal
more cap rock
1050-1100 ML

only scattered oolite
some coralline & ^{2 small} pieces

USE spillway

13071.9

1103

Truylam shKuska

1106

7



13074.3

all steps so far considered
gen. when now left to

~~Exp~~ maller per no moss

Exp 21

13,026.4

5 bank TAM used
mostly brought in
TAMami -

one per MC cap ✓

1110-1125

1128

13077.6

C-12A

big 4 per 1128
13078.3

✓ narrow rd

Tram track

from ~ 30' - 60'

to 15' - 20'

stop (22) natural outcrop
ML cap

1 med lg pe out

1130-35 73,000-4

(mossy - ites)

11082.03

1139

Collier Co

13083.6 Collier Co

King / ML stop

many huge slab of
gnd (ML) out for
sue

1140 - 1155 SS side TM

crust

stop 23

13085.7 (just 1 mile
before curve 4/1)

1200-1220

(stop 24) Ft Thompson
cap rock

it looks like 11 no shells

HKB was right!!

incredible!

1220-1235 "Jam" stop

a cross from back valley
Transition trail ^{1st} Apt

no samples Ft Thompson?
TAM?

E call it - Ft T of no
fossils (only ssy mottled
ls)

fossils incl. all a cross
types found here - TAMiami
But have to ask HKB
if possible.

also some guff here
BY CO3 - prob also Ft
T (refined)

13087.1 1240-45
back-stop no samples

still ssy ls mottled blue
⊙ That whi φ cap here

like rock only found
at 1st P bk mapped BY
HKB as FT T. it might
be.

41194

13097.0
1256 ~~100~~

13099.2 10-106

Step to get comb of Holi En
6K

(mushrooms)

mushrooms

41 mushrooms

~~13144.9~~

205

Fit (mush)

collected by team

13174.0

242

motel Holi Inn

13178.6

255

77.2 Cal/w

17.8 R
bunge

500 1.19 13183.1
4.733

711 8 gbuck tent &
a dinner
-76K.

DAY (5)

leave motel

1318.2
8214

onto 41 N

13192.7
825

~~onto 80E 884~~

829
13195.3

8295

Colonial
Dolwell!

I-75 N

13,200.2 826

off I-75 onto 80E

13205.2

841

80N 13207.8

845

7-11 stop 13208.2 846-850 847

+40360A
100 NS 0900

Labelle

25

3228.2

Antenna Lock Res

17236.8
9'26

res

key

off

Step 25

clock
(side)

236-1032

hyp. Pol. p. 4

Fit Thompson no dust

exactly like in M/Bry
also a phase of my maff
chrome/pel. app. in h₂ lenses
looks like Tarnish
in that phase X

re bridge (Bry. 4)

1032-1110

along S side R,

some at top simply
low just

+

some R
(soft dull xmal)

+ some under residue
blue-dk grey cy. in 1110
as a new piece Calo Loro

has to get out now/steep
ramp)

DK on FOLW →

12239.9

1127

Stop 26 S side SR80
at crop (cit) FT Map
(citrus)

chalky to north side / sky high
very 15 ✓ ✓ ✓

nice pines 1130-45

12242.1

right @ sulfate

turn off to onto
29N →
in LaBelle

1155 13247.8

across Calumet R → Son 78
(N side) 13248.24

stop Hwy wy. 1157-1201
ON

stop Co PK picnic 13249.9

renew motor / running / wheel

/ eat in car (1205) (Calumet)
avoiding Calumet R. 1245 (stop p27)

at d ✓ bank (Calumet R. 7. shulore)
~~FT Map~~

✓ large phosphate 1st!! fossil.
95m (OK) ✓ ✓ ✓

just sellw ching to the
(ant) molluscs (primay) in
sand (lure to weakly cent)

20mg 6-1240

stop 28 ^{sympt mcd (27?)}
in sympt
132523 h2 Calouish
(ok) gang phos.

rel. 60 hys / rest top

1250-102 rect.

Al-A 1261.8

120

131 → S 138 pm

13271.85

rain ↓

178 (w) 27 140
132730

E-735 132763
145

204 Calouish / glw exit
155
132874

animal shelter well site?

5 on 4

~~13, 208~~
205

132867
200

711 stop on 132867

210-215
132907

→ W on 132907
132907 132907
note

2955

131

254

132907

"Day 6" (network)

leave note Cape Coral

1329247
832

full tank oil

oil / gas

845-848

13301.4

1060/13000
oil

6.8

via Cape Lake rd 10th St of
10th St of

on E-75N

13307.1 259

FF-75
tempend

103.8

13419

Apoll. Behring

(-72)

13424.0

1100J - 1109

7-11

0.25-4

13434.3

1126

~~0.25-1.5N~~

13437.2

1130

~~13452.3~~
"7-75" fasciculating
1145

① 2-25

child support

12505.4

1243

1243

12531.0

124

$$\begin{array}{r} 4654 \\ - 23432 \\ \hline \end{array}$$

$$\begin{array}{r} - 8735 \\ 23518.46 \\ \hline \end{array}$$

33

217

23

250

4.75 gal.

~~1305~~

13952

12890

162 miles

4.75 gal.

$$\begin{array}{r}
 351.7 \\
 344.7 \\
 \hline
 7.0
 \end{array}$$

$$\begin{array}{r}
 354.1 \\
 344.7 \\
 \hline
 10.4
 \end{array}$$

$$\begin{array}{r}
 338.5 \\
 344.7 \\
 \hline
 13.8
 \end{array}$$

$$\begin{array}{r}
 233.88 \\
 2273.16 \\
 \hline
 115
 \end{array}$$

$$\begin{array}{r}
 233.88 \\
 105 \\
 \hline
 168
 \end{array}$$

$$\begin{array}{r}
 24.3 \\
 23.2 \\
 \hline
 1.1
 \end{array}$$

238.0

231.5

4.3

57.4

30.7

37.4

~~227.7~~
226.6

1.1

77.0

72.6

4.4

37.4

50.7

6.7

~~228.0~~
212.8

1.2

208.7

206.6

~~208.7~~
207.1

208.8

201.0

4.8

210.8

~~208.7~~

10.1

231.5

all
Q. 40
Q. 100

