

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT AND
GAGE INSPECTION NOTES

Meas. No. _____

Comp. by _____

Checked by _____

Sta. No. _____

Sta. Name F8-Crescent

*J. Day
349*

Date Dec 7, 2002 Party J6

Width _____ Area _____ Vel. _____ G. H. _____ Disch. _____

Method _____ No. secs. _____ G. H. change _____ in _____ hrs.

Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____

Meter Type _____ Meter No. _____ Meter _____ ft. above bottom of wt.

Rating used _____ Spin test before meas. _____ ; after _____

Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS

| Time | Inside | Outside |
|---------------|---------------|---------|
| <u>00:04</u> | <u>20.353</u> | |
| Start | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Finish | | |
| Weighted MGH | | |
| GH correction | | |
| Correct MGH | | |

Time incorrect

Samples collected: water quality, sediment, biological, other _____

Measurements documented on separate sheets: water quality, aux./base gage, other _____

Rain gage serviced/calibrated _____

Weather: _____

Air Temp. _____ °C at _____

Water Temp. _____ °C at _____

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, _____ ft., mi. upstr., downstr. of gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following

conditions: Flow: _____

Cross section: _____

Gage operating: _____ Record Removed _____

Battery voltage: _____ Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank _____, Line _____; Bubble-rate _____ /min:

Extreme-GH indicators: max _____, min _____

CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____

HWM inside/outside: _____

Control: _____

Remarks: Tried to fix storage module problems - redownloaded prog

GH of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____

Sheet No. _____ of _____ sheets

Disconnected & reconnected battery

7 Dec 2002

F8

F6 Crescent

storage module F8 ^{S/N 14245}

Log 0 → E23 103

means 3rd instruction in Table 1 caused by error 23

↳ means non-existent SUBROUTINE, a compile type error

Put program ~~on~~ from storage module F8A onto CR10WP by ~~powering down~~ disconnecting and reconnecting battery

No errors indicated

*6 → recording data may have recorded some additional data onto F8A

*6 1: 20.353

2: -8.78

3: 23 then 34

4: 13.276

time is < 00:00:04:00

date 0000, day 0000

Re connected F8 ~~B~~ - original slm checked and changed settings

storage module address

00000000

tried changing sm address but still 00000000

tried to change memory to fill and stop could not read "030000"

sm battery power is low

0000

tried to put program from CR10 to storage module F8

E96 - means data not received within 30 seconds

changed date and time

scan rate to 900

does seem to be getting the right data from the instruments

9 Dec 2002

To Do

- Open U. Voi Guard
- check flowing streams (F1, F9, Lost Seal?)
Harnish

Need to open a gage

- N₂ Tank
- repair kit
- tool kit
- battery?
- In Remote areas (ie daytrips to Boney, Wright Valley)
 - spare conoflow, regulator, solar panel, CR10

• F1 ✓ it

F2 conoflow

F3 ✓ it

F4 ✓ it (not gauged)

F5 ✓ it

F6 done ✓ it

F7 done

F8 new ~~data~~ SM when Chris confirms that data is o.k.

• F9 ✓ it

F10