

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

Meas. No. 18
Comp. by _____
Checked by _____

Sta. No. _____
Sta. Name CRESCENT # F8
Date DEC 28, 2001 Party LT, CT, JW
Width 5.50 Area 0.77 Vel. 1.65 G.H. _____ Disch. 1.27
Method 6 No. secs. _____ G.H. change _____ in _____ hrs.
Method coef. 1.0 Horiz. angle coef. 1.0 Susp. RD Tags checked _____
Meter Type PY904 Meter No. _____ Meter _____ ft. above bottom of wt.
Rating used 6/99 Spin test before meas. _____ ; after _____
Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS

Time	WT	SC	WT (m)	SC (m)	Inside	Outside
13:30	11.83	114.12	11.0	164.5	3.19	1.18
14:00	12.08	116.9			3.15	1.09
	Start					
1330						3.06
1400						3.15
	Finish					
Weighted MGH						
GH correction						
Correct MGH						

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

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

Rain gage serviced/calibrated _____

Weather: SUNNY, CLEAR, WARM

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: 14.04 Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank 1500, Line 10; Bubble-rate 55 /min.

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: _____

Remarks: _____

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