

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

Meas. No. 22
Comp. by _____
Checked by _____

Sta. No. _____
Sta. Name F21 - Upper Von Guerard
Date Jan 23, 2003 Party JG, KC arrive @ 12:55
Width _____ Area _____ Vel. _____ G.H. _____ Disch. ~ 0.015 cfs
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	Down	Plume	Plump	Inside	Outside
	cm	ft	cfs		
13:00	66	0.06	no rating	0.973	0.861
	Start		< 0.042		
	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: 100% ec - stratus; wind < 5mph east
Air Temp. 37 °F at _____
Water Temp. 34/35 °F 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: 13.26 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: _____

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

Sheet No. _____ of _____ sheets

POSSIBLE DATA PROBL - air temp, water temp, & sp. cond readings recorded in NB do not correspond to CR10 rdgs

TD = 2.165
RP1 = 3.026
- TD = - 2.165
Q = ?
0.861

F21

23 Jan 2003

Upper Vanband

12:55

JG 's KC

wx: strabs 100% cover
wind < 5mph E

control bats good after yesterday's
construction

@ N1300

- Stage top down = 66 cm ^{from rebar}

- Prt'd Flume stage = 0.06 \rightarrow

ch 1 Volt. - 13.26

ch 2 at 1.61

ch 31 stage 0.973

ch 25 temp^{w/7} 1.68

ch 32 cond 137.76

do not
corresp
to
CR10
data
??

Thermometer AT = 37° F

WT = 34° F or 35° F