

Gauge.

F3
Lost SEAL ✓

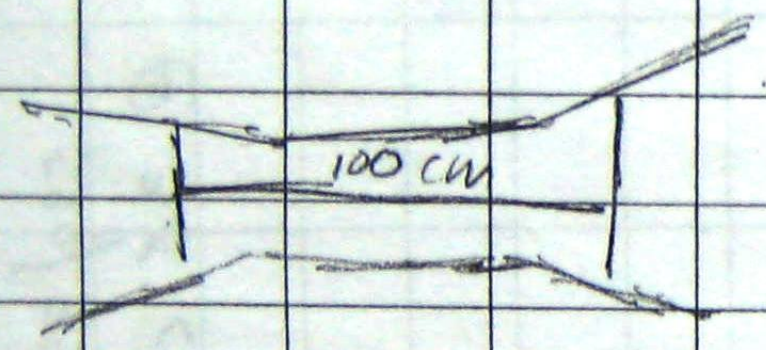
Date	2-Jan-03		
time of visit (start & finish)	1630 - 2130		
party	JG, PS, KC		
cloud cover (% type)	Very clear		
wind (spd, dir)	East v. light		
air temp	Warm		
surveying?	No		
photo? (#, which camera)	Many - JG		
to do items? (y/n)	Y - check structure		
which field notebook?	KC		
Flow measurements (times)	2105 2111*		
condition of control, probes	control fixed, t/cond probe o.k.		
method (meter, flume, visual)	-		
discharge (units)	-		
outside stage (staff or top down)	0.78*		
CR10 stage reading	1.77		
Inside Box			
CR10 Channels (times)			
ch1 stage	1.77		
* water temp			
88 conductivity	*30.1 *13.05		
4.8 * battery voltage	14.2		
air temp			
Year, Day, Time			
settings o.k?	Yes		
*0?	Yes		
N2 tank pressure (psi)	1800		
N2 feed pressure (psi)	12		
purge?	not done		
bubble rate (per min)	~60		
Stream Chemistry (times)			
water temp. (units)	4.7		
sp. cond. (units)	43.1/70.6		
pH and temp of probe	@ lab 6.3 @ 16.1°		
instrument notes (i.e. cal. time)			
water samples collected?	Yes		

F3 - Lost Seal Sta

1/2/03

1.2 cm back DS
 0.9 cm front US rt above stuff plate
 run = 17.7 cm

$$\frac{\text{rise}}{\text{run}} = \frac{1.2}{17.7} \text{ cm}$$



Rvr RT is too low

Moved slume to where main flow now goes

wx sunny! light wind
 Sm settings o.k

fast scan rate

2:05 2:11

ch1 1.77

ch2 5.13

3 5.2

4 14.2

88 30.1* 13.05

* just put probe in

staff 0.78

some flow escaping ~ 0.5 cfs
visual estimate

N₂ pressure 1800 / 12

bubble rate ~ 60 / min

concl. 43.1 / 70.6 in pool

4.7°C opt

cond.

59.0 / 35.0

@ 3.8°C