

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey
WATER RESOURCES DIVISION

STATION NUMBER

38

LEVEL NOTES

STREAM Last Seal @ F3
LOCALITY Lk. Fryxell, Antarctica
PARTY AB MB DATE 1/22, 19 1999

STATION	B. S.	HT. INST.	F. S.	ELEVATION	REMARKS
RM3	3.622	10.632		7.01	Base RM
RM4			3.516	7.116	
DS right			4.613	6.019	
US right			4.691	5.941	
onifice			6.617	4.015	
PZF			6.678	3.954	middle US lip of flume
overflow weir			5.997	4.635	PZF
TP	5.390	10.500	5.522	5.110	
top-staff gauge			4.546	5.954	reads 2.00
US right			4.560	5.940	
DS right			4.485	6.015	
RM4			3.384	7.116	
RM3			3.491	7.009	E/c = 0.001
settled by 0.05 ft (Tos + US middle meas.)					
assume settling occurs 12/20/98 @ 1200, then					

- closed gage

- CR 10 time ok

- stream chn. taken @ 1315

- swapped SM

PF

$$IG = 1.20$$

$$= 8.05$$

$$= 1.83$$

(1315)



$$\text{batt} = 13.69 \text{ volts}$$

$$OG = 0.22 \text{ ft. @ } 1323$$

$$SC_m = 89.9 \mu V @ 1345$$

$$CR 10 SC = 179.9 @ 1315$$

PF meas @ 1319:

$$US = 0.18 \text{ ft.}$$

$$DS = 0.09 \text{ ft.}$$

$$Q = 0.10 \text{ cfs}$$

$$N_2 \text{ tank} = 1600 \text{ psi}$$

$$\text{feed} = 10 \text{ psi}$$

- poor

$$\underline{OS = 1.01}$$

$$x \text{ducer} = PSS-1$$

2 big batts