

WATER RESOURCES DIVISION

Comp. by -----

Sta. No. DISCHARGE MEASUREMENT NOTES

Checked by _____

Priscu Stream @ 31

Date 12/22, 1978 Party WS, AB, MG
Width 4.0 Area 1.30 Vel. 1.3 G.H. 1.82 Disch. 1.69
Method 1.6 No. secs. 16 G.H. change _____ in _____ hrs. Susp. rod
Method coef. 1.0 Hor. angle coef. 1.0 Susp. coef. 1.0 Meter No. P49m
Date rated _____ Used rating for rod _____ susp. Meter _____ ft
above bottom of wt. Tags checked _____ Spin before meas. _____ after _____
Meas. plots _____ % diff. from _____ rating. Wading, cable, ice, boat, upstr., downstr., side
bridge 50 feet, mile, above, below gage. Levels obtained _____

BASE GAGE READINGS

Time	WT	Recorder	Inside	Outside
2330	1.31		1.895	0.87
2343				
2400			1.822	0.79
Weighted M.G.H.				
G.H. correction				
Correct M.G.H.				

AUX. GAGE READINGS

[illegible]

Check-bar, chain found _____
changed to _____ at _____

Check-bar, chain found _____
changed to _____ at _____

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%), based on following conditions: Cross section sand, gravel

Flow fairly uniform Weather Windy, sunny

Other _____ Air _____ ° F. @ _____

Gage OK Water _____ °F. @ _____

Record removed Intake flushed

Observer _____

Control clear

Remarks: Field WT = 10c SC = 145

G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets.

Conductance _____
Clarity _____

.0 .10 .20 .30 .40 .50 .60 .70 .75

River at—

Angle coef- ficient	Dist. from initial point	Width	Depth	Observa- tion depth	Rev- olu- tions	Time in sec- onds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge	
							At point	Mean in ver- tical				
	2.5	.15	0	REW @	2343					0		.85
	2.8	.30	0.34		15	58		.281		.102	.029	
	3.1	.275	0.34		40	47		.859		.094	.081	
	3.35	.25	0.4		50	43		1.16		.100	.116	.90
	3.6	.25	0.3		60	40		1.49		.075	.112	.92
	3.85	.25	0.34		80	44		1.80		.085	.153	.94
	4.1	.25	0.32		100	43		2.30		.080	.184	
	4.35	.25	0.34		100	46		2.15		.085	.183	.96
	4.6	.25	0.38		180	50		1.59		.095	.151	.97
	4.85	.25	0.42		80	48		1.66		.105	.174	.98
	5.1	.25	0.36		100	47		2.11		.090	.190	.99
	5.35	.25	0.36		50	42		1.19		.090	.107	
	5.6	.25	0.4		50	47		1.07		.100	.107	
o	5.85	.30	0.32		30	46		.665		.096	.064	1.00
	6.2	.325	0.30		15	42		.377		.098	.037	
	6.5	.15	0	LEW @	2359					1.295	1.688	
	4.0	4.0										.99
												.98
												.97
												.96
												.94
												.92
												.90
												.85
												.80

.0 .10 .20 .30 .40 .50 .60 .70 .75