

9-275-G  
(Rev. 10-81)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Meas. No. ....

Comp. by *NIZM*

WATER RESOURCES DIVISION

Sta. No. .... **DISCHARGE MEASUREMENT NOTES** Checked by .....

*Priscan B1*

Date *12/14/57*, 19... Party *LFS, NRM, AMS*

Width *8.3* Area *2.571* Vel. *1.55* G.H. .... Disch. *4.14 cfs*

Method .... No. secs. .... G.H. change. .... in .... hrs. Susp. ....

Method coef. .... Hor. angle coef. .... Susp. coef. .... Meter No. ....

Type of meter *pygmy* Date rated .... Tag checked ....

Meter .... ft. above bottom of wt. Spin before meas. .... after ....

Meas. plots. .... % diff. from. .... rating. Levels obtained. *No*

GAGE READINGS

WATER QUALITY MEASUREMENTS

Time	Inside	ADR	Graphic	Outside	No	Yes	Time
<i>1424</i>	<i>5.85*</i>			<i>0.80 - fair middle of staff photo</i>	No	Yes <input checked="" type="checkbox"/>	<i>PH. 8.58 WT = 7.7°C SC = 118.1 μS</i>
					No	Yes <input checked="" type="checkbox"/>	<i>Method Used 1448</i>
					EDI	EWI	Other
					<u>SEDIMENT SAMPLES</u>		
					No	Yes	Time
					<u>Method Used</u>		
					EDI	EWI	Other
					<u>BIOLOGICAL SAMPLES</u>		
					Yes	Time	
					No	Type	

Weighted M.G.H. ....

G. H. correction ....

Correct M.G.H. ....

Check bar. chain found .... changed to .... at ....

Wading, cable, ice, boat, upstr., downstr., side bridge. *7.0* feet, mile, above, below gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:

Flow. *Steady, somewhat turbulent*

Cross section *sand + gravel*

Control *clear, flowing over weir on @ side of flume*

Gage operating *Y* Weather *mostly sunny, mild up-valley breeze*

Intake/Orifice cleaned .... Air *9.0* °C@ .... Water .... °C@

Record removed .... Extreme Indicator: Max. .... Min. ....

Manometer N<sub>2</sub> Pressure Tank *1780* .... Feed *1.0* .... Bbl rate *30* .... per min.

CSG checked .... Stick reading ....

Observer *\* Stage reading high, but continues to go down... lower gage*

~~HWM~~ readings not reliable. .... outside, in well

Remarks *WT probe not working*

*Fixed program (error in command #'s), re-loaded and*

*program is now working. Adjusted date/time*

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

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			
1427	3.7	.55									
	4.8	0.7	0.15		40	47	.849		.105	.0891	.85
	5.1	0.3	0.25		40	48	.832		.075	.0624	
	5.4	0.3	0.30		60	44	1.34		.090	.121	
	5.7	0.3	0.35		80	50	1.57		.105	.165	.90
	6.0	0.3	0.32		60	44	1.34		.096	.129	.92
	6.3	0.3	0.35		40	49	.815		.105	.0856	.94
	6.6	0.3	0.38		50	42	1.17		.114	.133	
	6.9	0.3	0.60		80	53	1.48		.18	.266	.96
	7.2	0.3	0.60		100	45	2.17		.18	.3906	.97
	7.5	0.3	0.60		80	52	1.51		.18	.272	.98
	7.8	0.3	0.52		80	51	1.54		.156	.240	.99
	8.1	0.3	0.50		80	40	1.95		.15	.293	
	8.4	0.3	0.50		80	43	1.82		.15	.273	
0	8.7	0.3	0.40		80	50	1.57		.12	.1884	1.00
	9.0	0.3	0.40		100	45	2.17		.12	.260	
	9.3	0.3	0.40		100	47	2.07		.12	.248	
	9.6	0.3	0.35		100	44	2.21		.105	.232	.99
	9.9	0.3	0.40		100	45	2.17		.12	.260	.98
	10.2	0.3	0.30		100	47	2.07		.09	.1863	.97
	10.5	0.3	0.30		50	43	1.15		.09	.1035	.96
	10.8	0.3	0.20		50	43	1.15		.06	.069	
	11.1	0.3	0.20		50	40	1.23		.06	.0738	.94
	11.4	.45	0.15		40	53	1.55		2.571	4.14	.92
	12.0	.3									.90
	REW	21456									
	8.3	8.3									.85
											.80