

Gaging of Taylor Creek, El Dorado County Mean Gage Height in Ft. _____ No. of Meas. _____
 At, Near _____ Total Discharge in Sec. Ft. _____ Total Area in Sq. Ft. _____
 Date July 18, 19 68 Time (Mean) 1400-1500 MID-SECTION COMPUTATIONS Mean Velocity, in Ft. per Sec. _____

Near Hwy. 89 bridge
 (below viewing
 chamber diversion)

At Fallen Leaf dam

Time	Gage Height Feet	Distance From Initial Point	Depth Correction Factors	Velocity Coefficient	DEPTH IN FEET		Revolutions	Time in Seconds	VELOCITY		Area in Square Feet	Width in Feet	Discharge in Second Feet	REMARKS
					Total	of Obs.			At Point	Mean in Vertical				
		0.5	0.4		0.35	0.14	0	60	0.000		0.35	1.0	0.000	Meter No.
		1.5	0.4		0.60	0.24	0	60	0.000		0.60	1.0	0.000	Date rated.
		2.5	0.4		0.80	0.32	5	60	0.089		0.80	1.0	0.071	Suspension: rod, cable <u>rod</u>
		3.5	0.4		0.90	0.36	8	60	0.142		0.90	1.0	0.128	SOUNDINGS
		4.5	0.4		0.85	0.34	14	60	0.248		0.85	1.0	0.211	Simultaneous Cable
		5.5	0.4		0.70	0.28	12	60	0.213		0.70	1.0	0.149	Before gaging Rod
		6.5	0.4		0.45	0.18	0	60	0.000		0.45	1.0	0.000	After gaging Handline
		7.5	0.4		0.30	0.12	8	60	0.142		0.30	1.0	0.043	GAGING
		8.5	0.4		0.30	0.12	13	60	0.230		0.30	1.0	0.069	Method u, 2 B 8, other <u>0.4; 0.2, 0</u>
		9.5	0.4		0.20	0.08	0	60	0.000		0.20	1.0	0.000	Weight and type
	bank	10.5			0.10	0.04	0	60	0.000		0.05	0.5	0.000	From cables, bridge, boat, by
													0.671	wading <u>X</u>
														At regular, temp. spec. at _____ ft.
														above, below gage
														Temperature °F _____ time _____
	Notch in	0.5	0.4		0.55	0.22	80	40	2.126		0.55	1.0	1.169	Describe condition of channel and
	dam apron	1.5	0.4		0.55	0.22	80	41	2.074		0.55	1.0	1.141	control
		2.5	0.4		0.55	0.22	70	41	1.815		0.55	1.0	0.998	
	Rest of dam													
	apron				0.02	0.02	40	54	0.787		0.72	36.0	0.567	
													3.875	
														Other Gage Heights Location
														Gage Height _____ Time _____
														Meas'd by <u>P. Baker</u>
														Notes by <u>George Newmarch</u>
														Comp. by <u>P. Baker</u>
														Chk'd by _____

DEPARTMENT OF WATER RESOURCES
 STATE OF CALIFORNIA
 ANGLE IN DEGREES (Depth Correction)
 FLOW MEASUREMENT

Taylor Creek nr Camp Richardson

March 4, 1977 at 12:30

Cage height 2.82

Discharge 6.81

Velocity .68 cfs

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U.S. Geological Survey

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