

Table 4.--Discharge measurements and chemical analyses of water from streams and springs in and near Grand Teton National Park

[Analytical results in milligrams per liter (mg/l) or micrograms per liter (µg/l) except as indicated. Analyses by U.S. Geological Survey.]

Station No.	Stream or spring	Date of collection	Discharge (cfs)	Temperature (°C)	Silica (SiO <sub>2</sub> ) (mg/l)	Iron (Fe) (µg/l)	Calcium (Ca) (mg/l)	Magnesium (Mg) (mg/l)	Sodium (Na) (mg/l)	Potassium (K) (mg/l)	Bicarbonate (HCO <sub>3</sub> ) (mg/l)	Carbonate (CO <sub>3</sub> ) (mg/l)	Sulfate (SO <sub>4</sub> ) (mg/l)	Chloride (Cl) (mg/l)	Fluoride (F) (mg/l)	Nitrate (NO <sub>3</sub> ) (mg/l)	Boron (B) (µg/l)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Specific conductance (micro-mhos at 25°C)	pH (units)	Color (platinum-cobalt units)	
																		Sum of constituents (mg/l)	(Ca, Mg) (mg/l)				
13010200	Snake River above Glade Creek-----	8-31-72	<sup>1/</sup> 2,000	16.0	33	20	14	2.6	20	3.4	70	0	21	12	1.9	0.01	160	143	46	197	7.8	-----	
13010360	Lizard Creek near Colter Bay Village	6-4-71	37.5	2.5	8.7	60	10	1.1	1.6	.7	37	0	3.3	1.1	.1	.3	10	45	31	62	7.6	30	
		8-18-71	.61	17.5	17	20	12	2.6	3.1	.7	65	0	2.3	.1	.5	.02	20	70	41	98	7.5	-----	
13010380	Arizona Creek near Colter Bay Village	6- 5-71	319	3.0	7.1	40	21	3.3	2.2	.7	76	0	4.1	1.1	.1	.3	40	77	65	124	8.1	20	
		8-18-71	7.09	18.0	8.1	20	39	9.7	5.7	1.1	193	0	5.8	.1	.5	.02	20	165	140	282	8.1	-----	
13010390	Pilgrim Creek above East Fork-----	8-15-68	30.8	8.5	6.4	60	32	6.3	5.0	.5	136	0	6.0	.2	.1	.1	10	124	106	219	7.6	-----	
		7-22-69	25.4	17.0	7.1	40	31	5.2	4.6	1.0	127	0	5.2	.4	.2	0	0	117	99	203	8.1	4	
		6- 4-71	294	6.0	-----	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
13010420	East Fork Pilgrim Creek-----	9-21-72	9.72	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
		9-21-72	11.9	3.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
13010440	Pilgrim Creek at abandoned ford	8-15-68	39.8	8.5	-----	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
		7-22-69	43.4	16.5	7.8	30	27	5.5	4.0	.8	112	0	6.2	.5	.1	0	0	107	90	184	7.6	5	
		9-25-69	17.2	7.0	7.4	--	27	6.9	5.2	.8	124	0	7.2	.5	0	.1	50	116	96	208	7.0	4	
		11-13-69	7.63	.5	10	0	30	5.3	5.9	.8	120	0	7.6	.5	.2	0	0	119	97	201	7.4	3	
		8- 5-70	29.6	18.0	-----	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		10-15-70	25.8	3.5	-----	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		6- 4-71	504	6.5	6.2	0	20	3.5	2.2	.7	79	0	4.1	.6	.1	.2	10	77	65	126	8.1	12	
		8-17-71	24.8	14.5	7.8	10	27	4.6	4.0	.7	115	0	4.0	.1	0	0	10	105	86	176	7.5	-----	
		9-20-71	15.9	4.0	-----	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		7-26-72	48.1	13.5	8.0	20	25	4.6	3.9	.7	107	0	5.8	1.0	.0	.00	0	102	81	170	8.2	-----	
		9-21-72	14.1	11.0	7.8	20	28	4.8	4.8	.6	123	0	6.2	.6	.1	.00	10	113	90	190	8.5	-----	