Table 3.--Discharge measurements, chemica analyses, and suspended-sediment analyses of water-sediment mixture from selected streams, 1980

[Analytical results in milligrams per liter (mg/L) or micrograms per liter (µg/L), except as indicated. Analyses by U.S. Geological Survey.] No data collected at site 9.

Site number in figure 2	Site name	Date	Streamflow, instantaneous (ft^3/s)	Specific conductance (micromhos)	pH (units)	Temperature (°C)	Turbidity (JTU)	Oxygen, dissolved (mg/L)	Coliform, total, immed. (cols. per 100 mL)	Coliform, fecal, 0.7 µm-mf (cols. per 100 mL)	Streptococci, fecal, KF agar (cols. per 100 mL)	Hardness (mg/L as $CaCO_3$)	Hardness, noncarbonate (mg/L $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)	Alkalinity (mg/L as $CaCO_3$)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180°C dissolved (mg/L)	Solids, sum of constituents, dissolved (mg/L)	Solids, dissolved (tons per acre-ft)	Solids, dissolved (tons per day)	Nitrogen, NO_2+NO_3, total (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphate, total (mg/L as PO_4)	Phosphorus, total (mg/L) as PO_4)	Arsenic, total (µg/L as As)	Barium, total recoverable (µg/L as Ba)	Cadmium, total recoverable (µg/L as Cd)	Chromium, total recoverable (µg/L as Cr)	Copper, total recoverable (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)	Lead, total recoverable (µg/L as Pb)	Manganese, total recoverable (µg/L as Mn)	Mercury, total recoverable (µg/L as Hg)	Selenium, total (µg/L as Se)	Silver, total recoverable (µg/L as Ag)	Zinc, recoverable (µg/L as Zn)	Sediment, suspended (mg/L)	Sediment discharge, suspended (tons per day)
1	Cache Creek at Game Creek Trail	8-20-80	7.0	--	--	16.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18	.34
		9-23-80	4.5	303	8.3	4.0	1	9.8	--	--	--	160	11	43	13	2.3	0.1	0.6	150	3.1	2.6	0.1	4.3	171	159	0.23	2.08	0.01	0.03	.00	.09	--	--	--	--	--	--	--	--	--	--	--	--	--	26	.31
2	Cache Creek at gaging station	9-23-80	10.2	322	8.1	4.0	2	10.3	K5	>1	K20	170	8	44	14	2.2	.1	.8	160	3.9	.9	.1	4.6	179	167	.24	4.60	.03	.03	.00	.09	--	--	--	--	--	--	--	--	--	--	--	--	--	34	.94
3	Game Creek at end of road	8-20-80	1.6	--	--	7.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	22	.10
		9-23-80	1.3	622	8.2	6.5	1	10.5	--	--	--	330	140	85	29	3.5	.1	.5	90	130	1.0	.1	9.4	404	373	.55	1.31	.00	.05	.05	.15	2	0	0	0	4	260	2	20	0	1	0	40	23	.08
4	Game Creek near mouth	8-20-80	9.2	--	--	11.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	62	.5
		9-23-80	0.26	739	8.4	7.0	3	9.7	<1	K2	44	400	200	107	32	3.7	.1	1.0	200	190	1.5	.1	9.1	541	466	.74	.33	.00	.05	.03	.15	2	0	0	0	8	100	3	10	0	1	0	20	26	.02
5	Horse Creek above Little Horse Creek	8-21-80	8.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	35	.83
		9-24-80	7.8	382	8.1	4.5	1	10.3	K4	<1	40	190	79	54	13	2.0	.1	.8	110	84	.8	.2	5.7	226	227	.31	4.78	.00	.03	.00	.09	--	--	--	--	--	--	--	--	--	--	--	--	--	6	.13
6	Little Horse Creek near mouth	8-22-80	1.1	--	--	9.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6	.02
		9-24-80	.65	532	8.1	6.5	2	9.2	--	--	--	280	53	7.2	25	3.5	.1	1.2	230	51	2.2	.2	12	305	305	.41	.54	.00	.07	.06	.21	--	--	--	--	--	--	--	--	--	--	--	--	--	51	.09
7	Little Granite Creek above Rough Hollow Creek	8-19-80	8.1	--	--	8.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	25	.55
		9-25-80	4.3	356	8.1	2.0	1	11.0	--	--	--	180	0	54	11	3.0	.1	1.0	180	11	.5	.1	4.5	207	193	.28	2.24	.00	.01	.00	.03	--	--	--	--	--	--	--	--	--	--	--	--	--	12	.14
8	Rough Hollow Creek at mouth	8-19-80	2.0	--	--	8.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	42	.23
		9-25-80	1.2	783	8.0	2.0	2	10.8	--	--	--	420	230	130	23	4.8	.1	1.0	190	250	.6	.1	6.2	535	530	.73	1.72	.00	.02	.00	.06	--	--	--	--	--	--	--	--	--	--	--	--	--	24	.08
10	Boulder Creek at mouth	8-19-80	3.4	--	--	10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	30	.28
		9-25-80	1.6	391	8.0	4.0	1	11.4	--	--	--	200	0	56	14	3.5	.1	.7	200	5.2	.8	.1	4.0	218	205	.30	.89	.00	.01	.00	.03	--	--	--	--	--	--	--	--	--	--	--	--	--	14	.06
11	Little Granite Creek at mouth	8-19-80	11.6	--	--	11.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	25	.78
		9-25-80	7.9	423	8.1	6.5	1	10.1	<1	<1	38	220	45	63	14	3.6	.1	.9	180	45	.6	.1	4.4	222	340	.30	5.12	.19	.01	.00	.03	2	100	0	0	11	90	4	0	0	0	0	20	24	.51
12	Stinking Springs near Hoback Junction	9-24-80	1.5	1,426	7.4	8.0	--	1.8	--	--	--	870	710	250	60	3.0	.0	1.0	160	710	.7	1.1	6.3	1,230	1,130	1.67	4.98	.05	.02	.00	.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (non-ideal colony count).