(Concentration of dissolved constituents, dissolved solids, and hardness given in milligrams per liter, unless otherwise noted)

Site No.	Sampling site	Date of collection	Temperature (°C)	Discharge (ft^3/s)	Silica (SiO_2)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Nitrate (NO_3) + Nitrite (NO_2) as N	Suspended Solids	Dissolved Solids	Specific conductance (micromhos at 25°C)	Alkalinity	Acidity	Hardness as $CaCO_3$: Calcium, Magnesium	Hardness as $CaCO_3$: Noncarbonate	Sodium-adsorption ratio	pH	Boron (B)	Total Iron (Fe)	Dissolved Fe	Manganese (Mn)	Aluminum (Al)	Source
S-34	Saleratus Creek at Hwy 10 at	7-23-75	25.5	0.2	8.7	380	400	490	13	292	0	3100	170	.07		4710	5200			2600	2400	4.2	8.0	.89					USGS
	(D-23-5) 14 cbd	8-26-75	19.5	0.2	7.9	410	460	550	13	299	0	3500	190	.02		5280	5580			2900	2700	4.4	7.9	.97					USGS
		11-19-75	0.5	0.4	9.8	390	370	490	8.7	459	0	2800	160	.30		4460	5290			2500	2100	4.3	8.3	.83	0		.10	.03	USGS
		3-31-76	13.0	0.5	8.9	290	250	450	9.4	398	0	2100	140	.35		3420	4220			1800	1500	4.7	7.9	.60					USGS
S-35	OAK SPRING CREEK AT Hwy 10 AT	7-23-75	25.0	0.50	18	180	170	160	9.7	243	0	1100	99	.02		1860	2400			1200	950	2.1	8.3	.36					USGS
	(D-23-5) 22Adb	8-26-75	17.0	0.15	15	420	610	550	21	368	0	3900	290	.01		6000	6500			3600	3300	4.0	7.9	1.30					USGS
		11-19-75	0	0.50								3800				—	5780												USGS
S-36	IVIE CREEK AT Hwy 10 AT	7-23-75	28.0	0.01	19	210	81	64	7.4	193	0	720	51	.04		1250	1700			860	700	1.0	8.0	.12					USGS
	(D-23-5) 27 bdb	8-26-75	17.0	0.04	13	160	100	63	5.5	172	0	710	59	.05		1200	1610			810	670	1.0	8.1	.15					USGS
		11-19-75	0	0.40												—	1120												USGS
		3-31-76	13.5	2.00	14.	77	39	30	4.1	253	0	170	34	.07		494	832			350	150	0.7	7.9	.11					USGS
S-37	DOG VALLEY WASH AT MOUTH AT	7-23-75		dry																									USGS
	I-70 AT (D-23-6) 16 ccd	8-25-75		dry																									USGS
		11-19-75		dry																									USGS
S-38	IVIE CREEK BELOW DOG VALLEY	7-23-75	25.5	1.0	15	290	230	330	12	238	0	1900	140	.01		3040	3700			1700	1500	3.5	8.1	.56					USGS
	WASH AT I-70 AT (D-23-6) 16 cdA	8-25-75		dry																									USGS
		11-19-75	0	1.0													3150												USGS
S-39	QUITCHUPAH CREEK AT MOUTH NEAR	7-23-75	22.5	12.0	9.8	100	78	150	5.0	317	0	540	24	1.6		1070	1550			570	310	2.7	8.2	.16					USGS
	I-70 AT (D-23-6) 16 dAA	8-25-75		dry																									USGS
		11-19-75	0	6.0	7.8	120	100	220	3.7	351	0	800	34	4.3		1480	2120			710	430	3.6	8.5	.15	.03		.005	.02	USGS
S-40	IVIE CREEK AT MOUTH AT I-70	7-23-75	22.5	13	9.8	120	80	160	5.6	295	0	670	32	1.3		1230	1700			630	390	2.8	8.1	.19					USGS
	AT (D-23-6) 13 cbc	8-25-75	20.0	3.0	12	200	170	390	9.5	310	0	1600	64	5.7		2630	3390			1200	950	4.9	8.0	.44					USGS
		11-19-75	0	5.0	8.6	150	120	290	4.9	367	0	1100	56	3.9		1930	2500			870	570	4.3	8.5	.23	.06		.01	.03	USGS
S-41	MUDDY CREEK BELOW I-70 AT	5-21-58		194	9.0	65	31	54?	?	253		0	173			499	728			288	81	1.4	8.0						USGS
	(D-23-6) 13 cac	8-5-73	21.0	13													3000												USGS
		8-21-73	22.0	14													3400												USGS
		9-21-73	17.0	4.5													3500												USGS
		9-28-73	16.0	4.5													3400												USGS
		10-17-74	12.0	3													4000												USGS
		11-26-74	4.0	8													2000												USGS
		12-17-74	0	16													2500												USGS
		1-27-75	0	18													2400												USGS
		3-6-75	3.0	25													2600												USGS
		4-2-75	0	11													2900												USGS
		5-6-75	7.0	19													1200												USGS
		6-3-75	12.0	114													900												USGS
		6-30-75	15.0	45													950												USGS
		7-23-75	25.0	14	9.4	120	83	210	6.3	312	0	790	33	.93		1410	3100			640	390	3.6	8.2	.16					USGS
		8-5-75	21.0	9.7													4000												USGS
		8-25-75	20.0	4.5	12	200	190	420	10	299	0	1700	71	5.9		2780	1950			1300	1000	5.1	8.1	.47					USGS
		9-9-75	16.0	3.1													3520												USGS
		9-10-75	—	?	11	220	200	610	10	325	0	2100	120	3.5		3450	?			1400	1100	7.2	?	.55	.10				USGS
		11-19-75	0	10	8.3	170	150	370	5.4	369	0	1400	63	3.7		2370	2900			1000	740	5.0	8.4	.25	.13		.03	.03	USGS
		12-29-75	0	11	9.9	250	130	500	7.9	306	0	1500	350	1.8		2910	3880			1200	910	6.4	8.0	.30					USGS

APPENDIX B
TABLE 1
Sheet 4 of 4
SAMPLING & ANALYSES OF SURFACE WATER