

Table 9.--Selected water-quality data for wells, springs, and mines

Location: See explanation of numbering system in text.

Water type: Ca, calcium; HCO3, bicarbonate; Mg, magnesium; Na, sodium; SO4, sulfate.

Location	Date	Discharge (gal/min)	Temperature (°C)	Dissolved solids (sum of determined constituents) (mg/L)	pH	Micrograms per liter										Water type	
						Dissolved arsenic (As)	Dissolved boron (B)	Dissolved chromium (Cr)	Dissolved iron (Fe)	Dissolved lead (Pb)	Dissolved lithium (Li)	Dissolved mercury (Hg)	Dissolved selenium (Se)	Dissolved strontium (Sr)	Dissolved zinc (Zn)	Cations	Anions
Wells and mines																	
(D-12-7)3bcc-1	9-19-75	-	-	-	-	0	20	-	320	6	-	-	0	-	210	Ca	HCO3
10bcd-1	9-19-75	-	9.5	362	-	0	30	-	20	2	10	-	2	-	110	Ca	HCO3
10dcb-1	9-19-75	-	-	246	-	0	80	-	1,300	4	20	-	0	-	30	Mg Ca	HCO3
(D-13-7)5cab-1	9-19-75	-	8.0	280	7.1	0	30	-	620	7	10	-	0	-	40	Ca Mg	HCO3
8dac ¹	9-19-75	-	-	482	7.5	1	70	-	20	4	10	-	0	-	40	Ca Mg	HCO3
(D-13-8)4bbb-1	9-17-76	50	6.0	315	7.1	0	30	0	10	0	20	0.0	0	340	0	Ca	HCO3
12aba	10-19-76	5.0	6.0	796	7.5	0	120	0	30	0	30	.0	0	680	10	Ca Mg	HCO3 SO4
(D-13-9)25add-1	9-24-75	-	12.5	4,040	7.6	0	610	-	9,000	2	350	-	0	-	40	Mg Ca	SO4
25dcc-1	9-18-75	-	17.5	778	-	0	210	-	80	2	30	-	5	-	90	Mg Ca	SO4 HCO3
(D-13-14)24dba-1	7-15-66	-	-	327	8.2	-	-	-	-	-	-	-	-	-	-	Ca Mg	HCO3
(D-15-13)2dad-1	9-17-75	-	14.0	1,790	7.4	0	210	-	100	7	10	-	9	-	590	Mg Ca	SO4
(D-16-8)8dda	9-18-75	300	12.5	671	7.3	0	100	-	20	5	20	-	0	-	40	Ca Mg	HCO3 SO4
(D-17-7)11bcd	4-20-76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Ca Mg	HCO3
27abb	9-29-76	-	29.0	551	7.8	0	70	0	10	20	20	.0	1	450	-	Mg Ca	HCO3 SO4
(D-19-10)15bac-1	10-21-76	20	14.0	3,550	7.1	0	1,000	0	60	2	70	.0	0	1,000	240	Ca Mg	SO4
(D-19-21)29dbc-1	3-14-72	-	-	6,810	7.1	-	4,100	-	1,600	-	-	-	-	-	-	Ca Na	SO4 Cl
(D-22-4)12bda	9-27-76	224	10.0	276	8.3	1	130	0	10	0	0	.0	1	430	10	Mg Ca	HCO3
(D-22-6)4cab-1	3-13-66	-	-	756	7.8	-	80	-	-	-	-	-	-	-	-	Ca	SO4 HCO3
	4-12-66	-	-	-	7.8	-	330	-	-	-	-	-	-	-	-	Mg Ca	SO4 HCO3
	4- 4-67	-	-	798	7.8	-	220	-	-	-	-	-	-	-	-	Mg Ca	SO4 HCO3
	6- 1-67	-	-	808	7.8	-	-	-	-	-	-	-	-	-	-	-	SO4
	3-24-71	-	-	800	7.7	-	290	-	-	-	-	-	-	-	-	Mg Ca	SO4 HCO3
	9-10-75	75	26.5	759	7.6	0	200	-	-	6	30	-	0	-	30	Ca Mg	SO4 HCO3
17abc-1	9-10-75	-	-	652	8.7	1	190	-	-	4	40	-	0	-	20	Mg	SO4 HCO3
29ddd	9-16-76	200	12.0	5,100	-	1	770	0	10	0	250	.6	0	9,300	20	Mg	SO4
31dab-1	10- 7-76	12	13.0	1,230	7.9	0	280	10	120	0	50	.0	0	2,300	10	Ca Na	SO4
33bdc	1-23-53	-	-	3,454	-	-	-	-	-	-	-	-	-	-	-	Mg Ca	SO4
Springs																	
(D-11-7)29aaa-S1	10-21-76	0.82	8.0	-	7.2	-	-	-	-	-	-	-	-	-	-	-	-
36bdb-S1	10-21-76	121	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(D-12-7)1lcb-S1	10-21-76	5.0	5.0	-	8.1	-	-	-	-	-	-	-	-	-	-	-	-
(D-12-9)1ccc-S1	8- 6-76	2.3	12.0	338	7.7	0	40	10	10	4	10	7.2	2	770	0	Ca Mg	HCO3
(D-12-10)34aad-S1	8- 4-76	4.5	13.5	311	8.3	0	40	10	20	9	10	.0	3	360	0	Ca Mg	HCO3
35dbc-S1	8- 4-76	4.5	12.0	326	7.9	0	30	10	10	4	10	.1	1	230	0	Ca Mg	HCO3
(D-12-11)20aaa-S1	8- 4-76	2.3	10.5	420	7.2	1	60	10	10	4	10	.1	1	340	0	Ca	HCO3
20aaa-S2	8- 4-76	3.0	20.0	-	7.6	-	-	-	-	-	-	-	-	-	-	-	-
21aca-S1	8- 5-76	3.0	10.0	386	7.1	0	40	0	0	12	10	.1	1	310	0	Ca Mg	HCO3
21bab-S1	8- 5-76	.79	22.0	374	8.2	1	70	10	20	2	10	.1	0	320	0	Ca Mg	HCO3
36aad-S1	7-28-76	.33	17.0	325	7.9	1	40	0	40	1	20	.0	1	360	0	Ca Mg	HCO3
(D-12-12)30dcc-S1	7-28-76	5.4	12.0	323	7.5	1	40	10	0	1	20	.0	0	390	0	Ca Mg	HCO3
(D-13-7)17cdd-S1	10- 1-76	50	9.0	335	7.4	0	30	0	780	0	10	.0	0	170	0	Ca Mg	HCO3
(D-13-12)9ddc-S1	7-15-76	4.3	7.5	-	7.4	1	-	0	30	2	10	.0	1	280	10	Ca Mg	HCO3
10abb-S1	7-14-76	11	16.5	-	8.4	1	-	0	20	6	10	.0	1	310	0	Ca Mg	HCO3
10adb-S1	7-14-76	3.0	6.5	371	7.1	0	-	0	30	4	0	.0	1	330	0	Ca	HCO3
11acd-S1	7-15-76	12	7.5	-	7.8	0	-	0	30	4	10	.0	1	370	10	Ca Mg	HCO3
12adb-S1	7-14-76	11	9.0	-	7.8	1	-	0	30	5	0	.0	3	220	10	Mg Ca	HCO3
12cbb-S1	7-14-76	2.0	9.0	-	7.8	1	-	0	30	9	10	.0	1	340	20	Ca Mg	HCO3
13aaa-S1	7-20-76	3.5	10.0	282	7.4	0	-	10	20	4	0	.0	1	260	0	Ca Mg	HCO3
(D-13½-12)4bdc-S1	7-14-76	2.4	14.0	-	8.6	1	-	0	0	5	10	.0	3	380	10	Mg Ca	HCO3
5cbc-S1	7-14-76	2.1	11.5	-	7.8	1	-	0	40	2	20	.0	0	540	0	Mg Ca	HCO3
(D-13-13)18bac-S1	7-20-76	38	16.0	350	8.3	0	-	10	10	2	10	.0	1	410	0	Ca Mg	HCO3
(D-14-6)26caa-S1	8-20-76	2.5	4.0	230	8.2	0	20	10	20	10	0	.0	0	110	0	Ca	HCO3
(D-14-7)7dbc-S1	8-27-76	5.0	5.5	206	7.0	0	10	10	10	6	0	.0	1	120	0	Ca	HCO3
15bca-S1	8-25-76	1.0	4.5	63	7.1	0	40	0	20	4	0	.0	0	60	0	Ca Mg	HCO3
30bac-S1	8-20-76	28	12.0	304	7.4	0	40	10	40	9	10	.0	0	270	0	Ca Mg	HCO3
(D-15-7)12dba-S1	8-26-76	.38	10.5	148	7.9	0	10	10	40	7	0	.0	0	110	0	Ca	HCO3
15abd-S1	8-26-76	5.0	13.0	210	7.4	0	10	10	0	6	0	.0	0	180	20	Ca Mg	HCO3
34bab-S1	8-19-76	.66	8.0	325	7.7	0	30	0	30	6	10	.0	1	250	0	Ca	HCO3
(D-15-13)1ddc-S1	9-12-75	206	16.0	1,380	8.3	2	190	-	-	3	10	-	2	-	10	Mg Ca	SO4 HCO3
18caa-S1	9-17-75	168	13.0	1,080	7.6	0	120	-	30	3	10	-	13	-	30	Mg	SO4 HCO3
(D-16-6)13aab-S1	8-18-76	15	4.0	323	7.6	0	30	0	20	8	10	.0	0	260	10	Ca Mg	HCO3
(D-16-7)1acb-S1	8-26-76	11	5.5	248	7.5	0	10	10	10	3	10	.0	0	200	0	Ca Mg	HCO3
9cbd-S1	8-18-76	120	8.5	332	7.6	0	30	0	40	12	10	.0	0	260	0	Ca Mg	HCO3
17ccb-S1	8-18-76	1.5	8.0	-	7.5	-	-	-	-	-	-	-	-	-	-	-	-
(D-17-7)7aca-S1	7-13-76	7.5	5.0	271	-	-	0	-	10	-	-	-	-	-	-	Ca Mg	HCO3
21dcd-S1	10-22-76	.62	5.6	469	7.4	0	50	0	30	3	20	.5	2	490	10	Ca Mg	HCO3
27aca-S1	9-29-76	1.2	10.0	750	7.3	0	100	0	20	1	30	.1	1	780	10	Mg Ca	SO4 HCO3
28bad-S1	10-22-76	2.7	3.5	33													