

Table 23.--Chemical analyses and temperature of water from selected wells, springs, and base-flow-measurement sites--Continued

Location	Date of collection	Temperature (°C)	Milligrams per liter, unless indicated otherwise																		Specific conductance (micromhos per centimeter at 25°C)	pH	Sodium-adsorption ratio	
			Dissolved silica (SiO ₂)	Dissolved iron (Fe) (µg/L)	Dissolved manganese (Mn) (µg/L)	Dissolved calcium (Ca)	Dissolved magnesium (Mg)	Dissolved sodium (Na)	Dissolved potassium (K)	Bicarbonate (HCO ₃)	Carbonate (CO ₃)	Dissolved sulfate (SO ₄)	Dissolved chloride (Cl)	Dissolved fluoride (F)	Dissolved nitrate (NO ₃) + nitrite (NO ₂) as nitrogen (N)	Dissolved ortho-phosphate (PO ₄)	Dissolved boron (B) (µg/L)	Dissolved solids (sum of determined constituents)	Alkalinity as CaCO ₃	Hardness (Ca, Mg)				Noncarbonate hardness
Wells - Continued																								
(C-43-4)30dba-1	10-19-76	13.0	8.8	--	--	69	8.3	12	2.1	166	--	70	7.7	0.4	1.4	0.00	50	266	136	210	70	390	--	0.4
(C-43-5)2bbd-1	7-15-77	13.5	11	60	10	77	38	20	2.8	220	0	170	8.1	.1	4.7	.03	60	456	180	350	170	690	6.5	.5
25aaa-1	8-23-77	14.0	5.9	200	40	24	110	130	10	830	0	29	54	.5	--	--	340	773	680	510	0	1,500	6.5	2.5
25bda-1	9-22-77	14.5	15	30	630	120	120	94	8.3	460	0	470	69	.5	--	--	230	1,120	380	790	420	1,550	6.5	1.5
25cda-1	9- 2-77	15.0	15	90	480	110	99	120	8.6	470	0	420	83	.2	--	--	290	1,090	390	680	300	1,600	6.5	2.0
25cdb-2	9-27-77	15.5	16	30	240	120	110	99	8.0	460	0	430	67	.5	--	--	240	1,080	380	750	380	1,500	6.5	1.6
34abd-1	2-23-77	17.5	13	--	--	14	3.6	350	5.3	320	--	450	76	.3	.02	.21	330	1,070	262	50	0	1,550	--	22
35aaa-1	5- 3-77	15.5	8.2	60	--	44	47	240	7.5	420	0	370	89	.7	.11	.12	560	1,020	344	300	0	1,500	6.5	6.0
36acd-1	10-27-76	12.0	16	--	--	160	290	400	12	571	--	1,700	280	1.0	1.5	.09	1,500	1,150	468	1,600	1,100	3,500	--	4.4
36cab-1	5- 4-77	14.5	15	20	--	130	120	130	8.1	490	--	580	89	.6	.05	.15	300	1,320	402	820	420	1,800	--	2.0
	9-21-77	15.0	16	70	460	120	120	110	7.6	350	0	580	92	.5	--	--	280	1,220	290	790	510	1,750	6.5	1.7
36ccc-1	8-25-77 ^{6/}	17.5	16	60	60	260	250	540	8.2	640	--	1,800	280	.9	--	--	940	3,470	530	1,700	1,200	4,000	--	5.7
	8-25-77 ^{7/}	15.5	14	80	60	450	150	2,500	29	490	0	5,100	1,000	.7	--	--	3,700	9,490	400	1,700	1,300	9,500	6.5	26
(C-43-6)9ccc-1	10-29-76	13.0	11	--	--	54	28	71	8.4	378	--	79	19	.4	.04	.09	280	458	310	250	0	--	--	2.0
27dbd-1	10-20-76	15.5	14	--	--	260	81	430	10	340	--	1,500	40	1.0	.37	.06	1,800	2,510	279	980	700	3,900	--	6.0
(C-43-7)12bdb-1	6-14-77	--	13	20	0	53	15	5.9	.9	210	0	5.9	7.0	.2	--	--	40	204	170	190	22	340	6.5	.2
16bdd-1	6-17-77	13.0	12	70	0	52	13	3.9	2.9	210	0	5.8	4.0	.1	.20	.00	40	198	170	180	11	360	6.5	.1
16dba-1	6-17-77	13.0	9.2	60	10	55	14	2.9	2.9	210	0	8.2	3.2	.1	1.6	.03	30	206	170	200	23	360	6.5	.1
16dbb-1	5-11-77	13.0	9.4	--	--	49	14	2.4	2.6	210	--	5.8	2.6	.2	2.0	.09	20	198	170	180	8	345	--	.1
(C-43-8)34bbb-1	5- 1-77	14.0	13	--	--	29	11	2.8	3.5	130	--	6.5	4.0	.1	.97	.12	10	138	107	120	11	230	--	.1
(C-44-5)2aba-1	5- 2-77	14.5	16	50	--	53	57	85	2.0	320	0	240	31	.8	.72	.46	340	646	262	370	110	950	6.5	1.9
	5- 3-77	14.5	17	80	--	55	57	84	1.9	320	0	240	32	.8	.47	.49	330	648	260	370	110	950	6.5	1.9
2bad-1	9-13-77	14.5	15	170	160	50	21	38	2.3	130	0	150	25	.4	--	--	140	366	110	210	100	540	6.5	1.1
2bad-2	9-18-77	14.5	11	20	60	54	15	19	2.3	180	0	59	20	.4	--	--	100	270	150	200	49	440	6.5	.6
6ebb-1	9-30-76	17.0	13	--	--	170	67	260	11	371	--	840	59	.4	36.0	.06	240	1,610	304	700	400	2,000	--	4.3
(C-44-6)5cda-1	6- 2-77	18.0	9.9	30	20	39	4.4	740	6.6	590	0	830	190	2.0	.09	.00	900	2,110	480	120	0	2,800	6.5	30
5ddd-1	8-29-77	16.5	1.3	40	0	4.0	.8	320	3.8	670	--	40	75	1.5	--	--	440	777	550	13	0	1,200	--	38
(C-40-4½)32bad-1	8-13-74	10.0	9.9	--	--	100	75	35	6.9	367	--	310	8.6	.5	--	.00	120	727	301	560	260	1,050	7.3	6.0
33cba-2	12- 8-77	14.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,400	--	--
(C-42-4½)9bbc-1	10-21-76	13.5	11	--	--	40	13	7.3	2.0	186	--	11	6.4	.2	--	.06	20	191	153	150	1	320	--	.3
(C-43-4½)31ddd-1	10-12-76	14.5	9.2	--	--	20	4.9	210	6.0	207	--	340	10	.9	.17	.15	220	704	170	70	0	1,000	--	11
32aad-1	10-14-76	16.0	9.2	--	--	16	6.6	190	7.4	199	--	290	22	.9	.49	.12	240	643	163	67	0	950	--	10
32cdb-1	10- 5-76	14.5	8.7	--	--	71	24	240	11	167	--	630	28	1.0	.06	.03	240	1,100	137	280	140	1,500	--	6.3
33abb-1	10- 4-76	13.0	26	--	--	110	20	25	4.6	0	--	470	15	1.5	.14	.06	120	675	0	360	360	840	--	.6
33cac-1	10- 4-76	15.0	13	--	--	350	88	110	13	0	--	1,500	54	1.4	.07	.15	210	2,130	0	1,200	1,200	2,200	--	1.4
Springs																								
(C-38-6)26ddd-S1	6-21-77	--	19	120	0	71	30	5.2	0.6	350	0	3.9	5.0	0.1	0.09	0.00	10	308	290	300	14	540	6.5	0.1
(C-39-5)32bcb-S1	6-21-77	9.5	13	20	0	42	120	44	5.1	580	0	190	19	.4	.30	.06	160	721	480	600	120	1,100	6.5	.8
(C-40-5)6aad-S1	6-20-77	13.0	9.1	170	70	49	34	130	3.4	490	0	140	14	.6	.02	.00	150	622	400	260	0	925	6.5	3.5
8dda-S1	6-20-77	--	3.0	430	20	24	50	49	17	220	54	16	80	.4	.00	.03	240	402	270	270	0	650	10.0	1.3
9aad-S1	6-18-77	11.0	10	50	20	260	290	32	10	370	0	1,500	36	.6	.07	.06	80	2,320	300	1,800	1,500	2,600	6.5	.3
11bca-S1	6-20-77	--	12	120	60	88	95	6.0	12	440	0	260	14	.2	.01	.25	90	705	360	610	250	1,080	6.5	.1
(C-40-7)14bad-S1	6-22-77 ^{8/}	13.0	9.5	40	8	28	10	10	3.2	160	0	6.2	2.2	.9	.08	.00	30	149	130	110	0	200	6.5	.4
(C-40-11)28acd-S1	6-20-74	8.0	28	--	--	30	--	12	4.0	--	0	10	9.0	.0	2.6	.06	0	226	--	140	--	335	7.1	--
(C-40-12)2adb-S1	12-10-77	12.5	18	--	--	110	43	49	3.2	310	0	180	63	.5	--	--	240	620	250	450	200	950	6.8	1.0
(C-41-13)25c-S1	8-31-60	37.5	28	--	--	590	148	2,490	177	583	--	2,050	3,610	2.1	3.2	--	5,000	9,390	--	--	--	13,500	7.4	24
(C-42-5)22adb-S1	10-20-76	16.5	7.9	--	--	120	45	27	6.8	244	--	330	9.3	.3	.12	.00	110	667	200	490	280	725	--	.5
(C-42-6)17ddc-S1	10-29-76	--	15	--	--	26	16	4.4	2.0	144	--	6.3	3.8	.1	2.1	.09	40	154	118	130	13	--	--	.2
30ccb-S1	10- 1-76	11.5	8.2	--	--	51	12	3.9	1.3	199	--	5.8	4.9	.1	2.1	.03	30	195	163	180	14	340	--	.1
30dbb-S1	6- 2-77	12.5	10	20	60	54	16	5.0	2.5	180	--	6.1	5.5	.1	2.8	.00	30	200	150	200	53	320	--	.2
(C-42-7)25ccc-S1	10- 1-76	12.5	8.9	--	--	41	14	2.8	1.2	176	--	5.6	3.9	.1	2.4	.03	30	175	144	160	16	300	--	.1
(C-43-4)31aad-S1	10-19-76	16.5	8.3	--	--	21	5.2	3.1																