Table 1.--Water levels in test wells--Continued

Date	Depth to water	Date	Depth to water	Date	Depth to water
		10N03W17ACCC02 (well depth = 44.5 ft)			
12-28-78	26.02	2-27-79	28.89	4-25-79	29.53
1-02-79	27.18	3-05-79	29.03	5-16-79	29.30
1-04-79	27.42	3-08-79	29.31	5-25-79	29.21
1-15-79	27.37	3-23-79	28.83	6-13-79	29.41
1-25-79	27.65	3-26-79	29.36	7-10-79	24.30
1-26-79	28.40	3-28-79	29.44	7-24-79	23.30
2-02-79	27.32	4-06-79	29.34	8-14-79	22.02
2-21-79	28.87	4-19-79	30.27	8-30-79	21.76
				9-14-79	22.17
		10N03W22AAAA01 (well depth = 23.3 ft)			
12-17-78	12.38	4-19-79	11.43 C	6-17-79	10.66 C
3-29-79	10.35	4-20-79	11.46 C	6-18-79	10.64 C
3-30-79	10.41 C	4-21-79	11.53 C	6-19-79	10.53 C
3-31-79	10.48 C	4-22-79	11.61 C	6-20-79	10.35
4-01-79	10.52 C	5-30-79	11.97	6-21-79	10.25 C
4-02-79	10.63 C	5-31-79	11.85 C	6-22-79	10.18 C
4-03-79	10.72 C	6-01-79	11.71 C	6-23-79	10.14 C
4-04-79	10.78 C	6-02-79	11.56 C	6-24-79	10.11 C
4-05-79	10.82 C	6-03-79	11.42 C	6-25-79	10.07 C
4-06-79	10.82 C	6-04-79	11.28 C	6-26-79	10.03 C
4-07-79	10.84 C	6-05-79	11.13 C	6-27-79	9.97 C
4-08-79	10.86 C	6-06-79	11.03 C	6-28-79	9.95 C
4-09-79	10.89 C	6-07-79	10.96 C	6-29-79	9.88 C
4-10-79	10.93 C	6-08-79	10.91 C	6-30-79	9.86 C
4-11-79	10.98 C	6-09-79	10.87 C	7-01-79	9.82 C
4-12-79	11.05 C	6-10-79	10.85 C	7-02-79	9.83 C
4-13-79	11.12 C	6-11-79	10.79 C	7-03-79	9.88 C
4-14-79	11.18 C	6-12-79	10.72 C	7-04-79	9.87 C
4-15-79	11.26 C	6-13-79	10.65 C	7-26-79	10.45
4-16-79	11.33 C	6-14-79	10.61 C	7-30-79	10.67
4-17-79	11.38 C	6-15-79	10.60 C	9-13-79	10.02
4-18-79	11.42 C	6-16-79	10.61 C		

Table 1.--Water levels in test wells--Continued

Date	Depth to water	Date	Depth to water	Date	Depth to water
		10N04W10DDDA01 (well depth = 22.8 ft)			
9-26-78	3.73	2-26-79	5.42	4-24-79	2.61
12-27-78	4.13	3-01-79	5.39	5-15-79	2.66
12-29-78	4.23	3-08-79	3.08	5-17-79	3.47
1-03-79	4.67	3-14-79	2.73	5-24-79	2.78
1-04-79	4.83	3-19-79	2.00	6-16-79	2.25
1-15-79	5.42	3-26-79	2.35	7-09-79	3.53
2-01-79	6.77	3-28-79	2.37	7-19-79	4.10
2-05-79	5.85	4-05-79	2.28	8-13-79	3.33
2-20-79	5.55	4-10-79	2.04	8-30-79	3.82
				9-13-79	4.67
		10N04W12ACDA01 (well depth = 23.0 ft)			
12-05-78	10.00	2-26-79	9.63	4-24-79	11.29
12-27-78	10.22	3-01-79	9.67	5-15-79	9.08
12-29-78	10.22	3-07-79	9.57	5-17-79	8.90
1-03-79	10.23	3-14-79	9.25	5-24-79	7.71
1-04-79	10.35	3-19-79	9.73	7-09-79	6.33
1-15-79	10.42	3-26-79	9.96	7-19-79	6.65
2-01-79	9.69	3-28-79	10.02	8-13-79	7.10
2-08-79	9.60	4-05-79	10.19	8-30-79	7.12
2-20-79	9.38	4-10-79	10.14	9-13-79	7.72
		10N04W12CADB01 (well depth = 22.7 ft)			
9-12-78	12.80	2-26-79	17.11	4-24-79	17.91
9-26-78	14.86	3-01-79	17.16	5-15-79	15.85
12-27-78	16.57	3-07-79	17.32	5-17-79	15.65
12-29-78	16.37	3-14-79	17.06	5-24-79	14.67
1-04-79	16.74	3-19-79	17.00	6-10-79	16.86
1-15-79	16.88	3-26-79	17.05	7-09-79	12.30
2-01-79	16.12	3-28-79	17.10	7-19-79	13.60
2-08-79	16.57	4-05-79	17.20	8-13-79	13.56
2-20-79	16.89	4-10-79	17.07	8-30-79	12.56
				9-13-79	13.09

Table 1.--Water levels in test wells--Continued

Date	Depth to water	Date	Depth to water	Date	Depth to water
		10N04W15DBBB01 (well depth = 35.0 ft)			
11-28-78	29.20	2-26-79	30.52	4-24-79	30.43
12-27-78	29.02	3-01-79	30.26	5-15-79	29.55
12-29-78	28.99	3-07-79	30.73	5-24-79	27.86
1-03-79	29.23	3-14-79	30.23	6-10-79	29.57
1-04-79	29.32	3-19-79	29.69	7-09-79	22.78
1-15-79	29.32	3-26-79	28.82	7-19-79	18.90
2-01-79	29.82	3-28-79	29.74	8-13-79	16.67
2-05-79	30.09	4-05-79	29.76	8-22-79	19.02
2-20-79	30.47	4-10-79	29.99	8-30-79	20.29
				9-13-79	22.53
		10N04W23BBBB01 (well depth = 23.2 ft)			
11-30-78	3.32	2-26-79	6.94	4-10-79	6.46
12-27-78	5.36	3-01-79	7.01	4-24-79	6.70
12-29-78	5.92	3-07-79	6.50	5-15-79	5.59
1-03-79	6.12	3-13-79	6.32	5-17-79	6.56
1-04-79	6.01	3-14-79	6.06	5-24-79	5.24
1-15-79	6.22	3-19-79	6.08	6-10-79	6.26
2-01-79	6.71	3-26-79	6.29	7-09-79	4.41
2-05-79	6.75	3-28-79	6.48	7-19-79	4.40
2-20-79	6.45	4-05-79	6.53	9-13-79	4.55

Table 2.--Water-quality data for test wells

[Constituents are dissolved and values are reported in milligrams per liter. Analyses by Montana Bureau of Mines and Geology except as indicated otherwise]

Sample location	Date of collection	Well depth (feet)	Laboratory specific conductance (μmho/cm at 25°C)	Laboratory pH	Field temperature (°C)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)
11N02W30DCAD01	01-23-79	45.4	521	7.5	9.0	79	10	24	3	280
	04-20-79		581	7.6	11.0	84	12	26	4	310
	07-03-79		598	7.4	10.0	91	8.9	27	1	310
11N02W31ACAA01	01-23-79	44.0	450	7.5	9.5	50	16	21	2	220
	04-20-79		435	7.5	12.0	42	13	23	4	210
	07-03-79		482	7.4	10.5	55	17	21	1	240
11N03W15CCBB01	10-31-78	22.9	832	8.1	8.0	62	32	80	1	310
	01-10-79		737	7.7	6.0	56	30	73	1	290
	03-14-79		700	7.7	9.0	52	27	67	1	290
	04-13-79		720	7.8	8.5	50	25	64	.9	290
	06-26-79		760	7.6	--	54	30	73	.8	310
11N03W15DCDD01	10-31-78	24.2	900	7.8	8.0	62	32	81	1	270
	04-13-79		866	7.7	8.5	64	37	79	2	420
	06-26-79		883	7.4	11.5	68	37	78	1	410
11N03W20BBBB01	10-18-78	23.0	392	8.0	17.0	48	11	21	2	190
	07-05-79		397	7.6	--	43	9.3	21	2	180
11N03W21BAAA01	01-17-79	46.4	333	8.3	5.0	33	14	16	2	170
	03-14-79		388	8.3	9.0	35	18	19	2	200
	04-13-79		383	8.4	9.0	35	17	18	2	200
	06-26-79		475	7.5	--	44	18	25	2	220
11N03W21DDAD01	04-23-79	65.4	412	7.9	8.5	30	20	20	3	190
	07-06-79		503	7.4	9.5	66	18	21	3	240
11N03W21DDAD02	01-09-79	23.5	869	7.5	7.5	64	31	84	4	400
	03-15-79		848	7.6	10.0	67	31	77	4	390
	04-23-79		815	7.7	8.5	68	32	70	4	380
	07-06-79		838	7.6	9.0	73	34	64	4	390
11N03W30BAAA01	07-05-79	23.6	475	7.6	--	45	19	24	4	230
11N03W30DADA01	11-14-78	44.0	370	8.2	8.0	36	17	16	4	120
	12-20-78		358	8.0	5.0	27	19	13	4	110
	03-13-79		323	8.4	16.0	19	18	12	4	80
	04-13-79		335	8.3	7.5	20	16	12	4	100
	07-02-79		417	8.0	--	56	22	11	4	160
11N03W30DADA02	11-14-78	24.8	569	8.2	8.0	69	24	24	4	260
	12-20-78		665	7.7	8.0	76	27	24	3	300
	03-13-79		669	7.6	17.0	78	27	27	3	300
	04-13-79		692	7.8	8.0	76	27	28	3	300
	06-28-79		669	7.3	12.0	74	26	28	2	290
11N03W31DABA01	10-18-78	23.7	679	8.0	15.0	89	25	23	4	310
	01-11-79		652	7.6	7.0	86	24	21	4	290
	04-12-79		675	7.7	7.5	84	22	21	3	300
	06-26-79		658	7.3	--	84	24	20	3	300
11N03W35DCCC01	10-18-78	22.1	403	8.0	12.0	54	11	14	3	180
	12-26-78		412	7.5	--	54	12	14	3	180
	03-13-79		418	7.4	10.0	54	12	14	3	180
	04-13-79		421	7.5	11.5	54	12	15	3	190
	06-27-79		418	7.3	12.0	54	11	15	3	190

Date of collection	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Silica (SiO_2)	Dissolved solids (sum of constituents)	Nitrate as N	Remarks
01-23-79	0	41	14	0.5	29	338	0.41	
04-20-79	0	41	16	.3	29	366	1.1	
07-03-79	0	46	12	.4	42	383	1.7	
01-23-79	0	43	13	.5	33	289	1.2	
04-20-79	0	40	14	.4	41	284	1.6	
07-03-79	0	48	10	.4	38	311	.23	
10-31-78	0	180	21	.3	25	553	.70	
01-10-79	0	140	18	.4	23	489	.38	
03-14-79	0	120	17	.3	22	446	1.6	
04-13-79	0	110	16	.4	24	438	.80	
06-26-79	0	130	17	.3	25	484	1.2	
10-31-78	0	180	28	.3	25	548	1.3	(1)
04-13-79	0	100	19	.4	24	537	1.4	
06-26-79	0	120	19	.5	29	554	1.8	
10-18-78	0	37	7.9	1.1	23	245	.32	
07-05-79	0	42	8.0	1.1	24	237	.28	
01-17-79	0	24	13	.2	3.5	190	.09	(2)
03-14-79	0	21	17	.2	1.7	211	.10	(3)
04-13-79	4	16	16	.2	3.0	208	.11	(3)
06-26-79	0	35	20	.2	20	274	1.1	
04-23-79	0	42	15	<.1	2.7	224	.08	(3)
07-06-79	0	41	27	.1	16	313	1.6	
01-09-79	0	96	28	.2	21	528	2.7	
03-15-79	0	91	29	.2	19	520	3.0	
04-23-79	0	84	25	.2	21	494	2.9	
07-06-79	0	90	24	.2	21	506	2.4	
07-05-79	0	42	10	.9	22	280	.14	
11-14-78	0	66	18	.3	.8	217	.46	
12-20-78	0	61	20	.2	1.2	199	.37	
03-13-79	2	56	22	.2	.4	173	.08	
04-13-79	0	46	20	.2	.4	168	<.02	
07-02-79	0	59	16	.2	4.0	248	.16	(3)
11-14-78	0	78	13	.2	17	362	1.6	
12-20-78	0	94	16	.2	15	403	.76	
03-13-79	0	92	16	.1	15	409	1.6	
04-13-79	0	96	14	.2	18	412	2.0	
06-28-79	0	93	15	.1	18	404	2.2	
10-18-78	0	92	14	.3	21	423	.90	
01-11-79	0	87	13	.2	22	411	5.9	
04-12-79	0	83	13	.2	20	400	2.7	
06-26-79	0	84	14	.2	22	401	3.5	
10-18-78	0	50	7.1	.2	23	254	1.0	
12-26-78	0	52	7.0	.2	22	258	1.4	
03-13-79	0	50	7.4	.2	22	258	.79	
04-13-79	0	50	7.0	.2	22	256	1.8	
06-27-79	0	51	6.6	.2	24	258	1.7	

Table 2.--Water-quality data for test wells--Continued

Sample location	Date of collection	Well depth (feet)	Laboratory specific conductance (μmho/cm at 25°C)	Laboratory pH	Field temperature (°C)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)
11N04W25DDDB01	02-28-79	19.6	491	8.5	--	43	25	26	4	160
	04-17-79		712	7.9	9.5	68	38	27	2	350
	07-03-79		509	7.9	14.5	50	27	23	2	260
10N02W06CBCC01	11-14-78	24.0	384	7.8	--	45	10	21	4	180
	12-26-78		374	7.5	11.0	39	11	22	4	93
	04-11-79		394	7.4	7.0	45	11	18	3	170
	06-26-79		383	7.3	14.5	42	11	20	3	170
10N02W06DDBC01	11-14-78	24.0	579	8.2	10.0	58	14	45	7	250
	01-16-79		603	7.8	3.5	60	14	46	8	290
	04-12-79		625	7.9	8.0	64	14	42	5	280
	06-27-79		606	7.0	15.0	66	16	38	5	310
10N02W07BBBB01	11-14-78	24.0	349	7.9	--	37	8.8	21	4	260
	12-26-78		388	7.6	13.0	45	11	20	4	180
	04-11-79		381	7.6	9.0	44	10	18	3	170
	06-27-79		399	7.0	13.0	42	10	19	3	180
10N03W01DBCC01	04-16-79	22.0	357	7.5	10.0	41	9.9	14	3	130
	06-21-79		367	7.1	14.0	44	10	14	3	130
10N03W01DBCC02	11-15-78	67.0	452	7.5	10.0	53	13	23	4	190
	01-11-79		466	7.6	7.0	56	13	22	4	220
	04-16-79		444	7.5	9.5	51	12	20	5	190
	06-21-79		426	7.3	12.0	50	12	20	5	180
10N03W03BACB01	04-16-79	64.8	399	8.1	8.5	42	13	15	3	150
	06-26-79		377	7.6	11.5	41	13	14	3	150
10N03W03BACB02	10-18-78	24.0	463	8.0	11.0	60	14	17	3	210
	01-17-79		434	8.1	4.5	55	14	16	3	200
	04-13-79		447	7.8	8.0	55	14	16	3	200
	06-26-79		472	7.7	12.0	61	14	17	3	210
10N03W05BAAA01	01-09-79	64.5	330	8.2	8.0	33	12	14	3	130
	04-11-79		358	8.0	8.0	27	12	14	3	130
	06-27-79		469	7.3	11.0	56	15	17	3	180
10N03W05BAAB01	10-17-78	27.7	459	7.7	10.0	58	14	16	3	190
	12-19-78		491	7.5	10.0	61	15	17	4	210
	05-14-79		538	7.5	--	66	16	20	3	220
	06-27-79		541	7.5	10.5	66	17	19	3	220
10N03W06ABDC01	01-09-79	61.9	434	7.7	7.0	43	15	22	5	190
	04-11-79		532	7.4	9.0	61	18	20	5	230
	06-21-79		543	7.6	--	68	18	21	4	270
10N03W06DBAA01	11-02-78	34.0	664	7.7	11.5	84	21	28	4	280
	01-24-79		651	7.6	8.0	77	20	28	4	260
	04-24-79		678	7.7	9.5	82	22	28	4	290
	07-06-79		661	8.0	10.0	94	19	27	4	300
10N03W06DBAA02	04-24-79	62.1	512	7.5	9.0	59	16	23	5	240
	07-06-79		519	7.3	10.0	61	15	23	4	240
10N03W07BBBA01	11-14-78	24.0	658	7.6	10.0	87	26	22	5	320
	04-12-79		696	7.7	9.5	84	27	23	4	350
	06-20-79		432	7.6	13.5	51	16	16	3	210

Date of collection	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Silica (SiO_2)	Dissolved solids (sum of constituents)	Nitrate as N	Remarks
02-28-79	6	78	20	.6	6.8	334	.14	(3)
04-17-79	0	84	14	.4	23	429	1.3	
07-03-79	0	57	12	.4	18	318	.13	
11-14-78	0	38	9.4	.8	22	238	.23	
12-26-78	0	39	10	.7	20	227	1.2	(4)
04-11-79	0	41	9.9	.6	20	235	.77	
06-26-79	0	43	10	.6	21	235	.11	
11-14-78	0	66	25	.8	11	357	.71	(3)
01-16-79	0	61	19	.6	12	372	2.9	(3)
04-12-79	0	54	23	.4	18	365	1.0	
06-27-79	0	48	14	.4	26	370	.35	
11-14-78	0	36	10	.9	10	248	.42	(3)
12-26-78	0	40	9.4	.8	20	241	.31	
04-11-79	0	37	20	.7	19	238	.02	
06-27-79	0	39	9.1	.8	21	231	<.01	
04-16-79	0	65	4.8	.2	7.6	210	.41	
06-21-79	0	67	4.7	.2	19	227	1.8	
11-15-78	0	59	9.1	0.5	22	278	0.79	
01-11-79	0	62	11	.4	22	310	1.9	
04-16-79	0	52	9.8	.3	20	268	.89	
06-21-79	0	42	9.6	.3	21	250	1.1	
04-16-79	0	62	.8	.2	18	229	.56	
06-26-79	0	51	2.7	.2	25	226	.69	
10-18-78	0	68	3.4	.2	25	297	.86	(3)
01-17-79	0	65	3.5	.2	16	273	.28	(3)
04-13-79	0	65	2.8	.2	25	279	1.8	
06-26-79	0	64	2.5	.2	25	292	1.4	
01-09-79	0	50	12	.3	1.9	192	.17	(2)
04-11-79	0	42	15	.2	1.8	181	.18	(2)
06-27-79	0	51	16	.3	19	271	3.2	
10-17-78	0	55	18	.3	20	281	1.0	(3)
12-19-78	0	47	16	.3	20	283	1.5	
05-14-79	0	60	18	.3	20	313	1.6	
06-27-79	0	63	8.3	.3	21	312	2.7	
01-09-79	0	59	11	.5	3.2	253	.40	(2)
04-11-79	0	56	8.0	.4	12	295	<.02	
06-21-79	0	60	8.0	.3	18	332	.48	
11-02-78	0	78	23	.3	17	399	5.5	
01-24-79	0	79	25	.4	17	387	4.6	
04-24-79	0	64	24	.2	20	391	5.6	
07-06-79	0	74	19	.3	20	411	4.2	
04-24-79	0	63	9.9	.3	18	311	.44	
07-06-79	0	60	8.6	.3	21	309	.53	
11-14-78	0	82	12	.4	23	414	.70	
04-12-79	0	77	9.5	.3	23	422	1.7	
06-20-79	0	40	5.0	.4	22	260	.68	

Table 2.--Water-quality data for test wells--Continued

Sample location	Date of collection	Well depth (feet)	Laboratory specific conductance (µmho/cm at 25°C)	Laboratory pH	Field temperature (°C)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)
10N03W08BBAA01	11-02-78	23.0	384	7.7	12.5	50	9.8	14	3	180
	01-10-79		390	7.8	7.0	51	10	15	3	190
	03-14-79		426	7.4	10.0	58	11	14	4	190
	04-12-79		427	7.5	9.0	53	11	14	4	190
	06-20-79		390	7.0	13.0	51	10	14	3	180
10N03W08CBCC01	11-01-78	23.3	419	8.5	12.5	55	15	19	4	200
	01-10-79		487	7.7	7.0	60	16	19	3	230
	04-11-79		490	7.6	5.5	59	16	19	3	220
	06-21-79		508	7.5	--	62	16	19	3	220
10N03W09ACCC01	11-02-78	22.3	203	8.0	11.5	27	5.5	5.3	2	84
	01-31-79		207	8.0	--	29	5.7	5.7	3	82
	04-23-79		201	8.8	6.0	18	7.6	8.3	2	58
	07-06-79		235	8.9	11.0	15	8.8	12	3	51
10N03W09ACCC02	10-02-78	64.5	559	8.1	10.0	70	20	20	3	240
	01-31-79		294	8.0	--	26	14	18	3	99
	04-23-79		611	7.8	6.0	78	23	22	4	280
	06-26-79		624	7.6	--	76	23	22	4	280
10N03W11ABBB01	10-18-78	24.0	462	7.8	15.0	64	14	14	4	240
	12-26-78		380	7.3	12.0	50	11	13	3	160
	03-14-79		367	7.2	11.0	47	10	12	4	150
	04-18-79		360	7.3	9.0	45	10	12	3	150
	06-29-79		270	7.1	--	37	2.5	12	3	110
10N03W11CBAA01	10-11-78	23.0	354	7.7	--	46	11	11	3	170
	01-19-79		400	8.0	9.0	44	11	10	3	140
	04-23-79		373	7.4	9.5	48	11	11	3	160
	07-06-79		341	7.3	13.0	49	10	11	4	180
10N03W11DDCC01	01-19-79	39.6	358	7.4	9.0	42	9.4	13	4	150
	04-11-79		363	7.3	10.0	44	10	12	3	150
	04-12-79		399	7.6	10.0	48	9.9	13	3	160
	06-29-79		247	7.3	--	30	6.5	9.7	2	96
10N03W15BCBA01	10-18-78	24.6	552	8.0	9.0	75	19	20	5	270
	01-17-79		670	7.4	5.0	91	24	21	4	280
	04-17-79		691	7.6	8.5	89	24	21	4	300
	06-29-79		604	7.1	--	78	21	20	4	280
10N03W16CCAA01	01-30-79	42.7	1,060	7.4	10.0	120	43	31	6	320
	04-19-79		1,620	7.3	11.5	150	75	42	3	280
	07-05-79		402	7.6	--	34	14	21	3	160
10N03W16DBAB01	01-17-79	43.9	739	8.2	8.0	51	34	52	6	200
	03-13-79		693	8.2	10.0	49	34	53	6	170
	04-17-79		794	7.9	10.0	54	34	54	6	210
	07-02-79		764	7.8	--	57	32	54	7	200
10N03W17ABBB01	02-26-79	28.2	684	7.2	15.0	88	21	31	6	330
	04-18-79		641	7.6	10.5	66	22	35	4	320
	07-02-79		657	7.0	10.5	71	25	36	4	330
10N03W17ACAD01	11-15-78	28.2	901	7.5	11.0	120	30	25	4	320
	04-11-79		1,560	7.2	11.0	230	58	44	5	560
	07-02-79		736	7.3	9.5	96	25	19	3	240

Date of collection	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Silica (SiO_2)	Dissolved solids (sum of constituents)	Nitrate as N	Remarks
11-02-78	0	47	5.0	.3	19	238	.99	
01-10-79	0	44	5.6	.3	22	249	.73	
03-14-79	0	52	9.1	.3	14	257	.47	
04-12-79	0	51	8.6	.3	19	255	.47	
06-20-79	0	43	6.4	.3	21	237	.85	
11-01-78	4	53	12	.6	20	281	.98	(3)
01-10-79	0	60	11	.5	23	306	.43	
04-11-79	0	59	11	.4	19	294	1.0	
06-21-79	0	62	12	.4	21	308	2.0	
11-02-78	0	22	5.6	.3	2.5	114	2.1	(3)
01-31-79	0	26	6.2	.3	.9	117	.06	(3)
04-23-79	3	32	9.1	.3	.2	111	.03	
07-06-79	5	36	12	.3	<1	117	.11	
10-02-78	0	70	15	.3	26	354	8.4	(3)
01-31-79	0	68	14	.2	2.1	194	.08	
04-23-79	0	75	16	.3	29	386	.18	
06-26-79	0	73	17	.3	29	384	1.7	
10-18-78	0	45	2.1	.3	26	292	1.1	
12-26-78	0	54	3.0	.3	22	246	1.4	
03-14-79	0	50	2.6	.3	23	225	1.4	
04-18-79	0	50	2.8	.3	23	224	1.9	
06-29-79	0	41	1.6	.3	24	175	.69	
10-11-78	0	41	2.2	.3	22	222	.34	
01-19-79	0	54	3.8	.3	23	221	1.9	
04-23-79	0	49	5.5	.2	22	231	1.2	
07-06-79	0	41	.5	.3	23	225	.12	
01-19-79	0	50	8.0	.4	9.6	224	12	
04-11-79	0	50	2.6	.3	24	223	2.1	
04-12-79	0	51	5.9	.2	20	229	1.4	
06-29-79	0	40	1.4	.2	24	162	.19	
10-18-78	0	73	5.2	.3	36	366	.63	
01-17-79	0	120	5.4	.3	36	446	1.5	
04-17-79	0	120	6.1	.2	30	437	1.3	
06-29-79	0	88	4.6	.2	35	390	1.6	
01-30-79	0	30	200	.5	13	599	.31	(3)
04-19-79	0	16	390	.4	18	835	.21	
07-05-79	0	39	10	.8	13	216	.05	
01-17-79	0	130	52	.4	32	462	.28	(3)
03-13-79	0	140	56	.3	20	442	.39	(3)
04-17-79	0	150	60	.3	35	497	.90	
07-02-79	0	150	57	.3	42	495	.99	
02-26-79	0	71	25	.4	9.4	416	.47	(3)
04-18-79	0	51	14	.2	23	376	3.2	
07-02-79	0	56	13	.2	23	394	4.2	
11-15-78	0	120	35	.1	22	531	14	
04-11-79	0	220	23	.1	25	936	52	
07-02-79	0	120	39	.1	20	445	3.4	

Table 2.--Water-quality data for test wells--Continued

Sample location	Date of collection	Well depth (feet)	Laboratory specific conductance (μmho/cm at 25°C)	Laboratory pH	Field temperature (°C)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)
10N03W17ACCC01	01-30-79	31.7	454	7.5	7.0	57	14	16	2	210
	07-03-79		456	7.6	12.0	57	14	15	2	200
10N03W17ACCC02	01-25-79	44.5	473	8.2	10.0	58	16	20	4	200
	04-19-79		487	7.8	10.5	54	14	20	3	210
	07-03-79		473	7.7	11.0	61	16	21	3	240
10N03W22AAAA01	01-17-79	23.3	307	7.4	8.5	37	8.1	12	3	110
	04-23-79		301	7.6	5.5	39	7.7	11	3	110
	07-06-79		214	7.6	9.0	23	4.8	11	3	79
10N04W10DDDA01	01-10-79	22.8	784	7.6	6.0	97	36	24	6	380
	03-14-79		670	7.6	6.5	86	35	32	6	320
	04-12-79		764	7.7	3.5	85	34	28	5	390
	06-20-79		828	7.6	10.0	110	39	20	4	680
10N04W12ACDA01	01-17-79	23.0	627	7.4	5.0	82	24	22	4	330
	03-15-79		604	7.7	9.0	79	23	20	4	320
	04-12-79		604	7.6	8.5	76	22	19	4	320
	06-20-79		589	7.5	12.0	78	25	18	4	320
10N04W12CADD01	01-24-79	22.7	600	7.5	9.0	80	24	15	6	330
	04-12-79		588	7.8	9.0	75	24	14	4	320
	06-20-79		593	7.7	11.5	88	24	15	4	360
10N04W15DBBB01	01-30-79	35.0	1,250	7.5	9.0	72	66	110	6	300
	04-19-79		1,380	7.5	10.5	79	67	110	6	280
	07-05-79		1,490	7.7	--	73	81	130	6	240
10N04W23BBBB01	01-09-79	23.2	356	7.4	8.0	39	8.3	18	8	170
	03-13-79		323	7.2	17.0	35	7.7	16	7	140
	04-12-79		322	7.1	8.5	33	7.4	16	7	140
	06-19-79		342	7.0	11.0	37	8.3	17	8	140

Footnotes:
1 Nitrate value includes nitrite. Analysis by U.S. Geological Survey.
2 Sample of questionable value; water-quality analysis suggests that the well may have contained water from source other than aquifer. Well had been flushed with water at time of installation of pump and some injected water may have been mixed with the sample.
3 Sample of questionable value; cations and anions did not balance indicating that the water sample may have been collected before the well casing was completely flushed. The sample may represent a mixture of aquifer water and water which had been standing in the casing.
4 Sample of questionable value; bicarbonate value abnormally low indicating degassing may have occurred after sample collection.