

Table 6.--Records of selected water wells

[Abbreviations used in headings: gal/min, gallons per minute; gal/min/ft, gallons per minute per foot of drawdown; degrees C, degrees Celsius; us/cm, microsiemens per centimeter at 25 degrees Celsius.]

Well number: See "Numbering system for hydrogeologic data sites", p. xx, and figure 2.

Principal aquifer: 110ALVM, alluvium of Quaternary age; 217CDRM, Cedar Mountain Formation; 221BRSB, Brushy Basin Member of Morrison Formation; 221ENRD, Entrada Sandstone; 227GLNC, Glen Canyon Group; 227NVJO, Navajo Sandstone; 231WNGT, Wingate Sandstone; 310CTLR, Cutler Formation.

Type of opening: P, perforated; X, open hole without casing.

Well Number	Owner	Date of construction	Altitude of land surface (feet)	Principal aquifer	Diameter of well (in)	Diameter of casing (in)	Depth of well (feet)	Depth to aquifer (feet)
(D-22-23)25bac- 1	U.S. Bureau of Land Management	--	4,220	217CDRM	--	--	--	--
(D-22-23)29ada- 1	U.S. Bureau of Land Management	--	4,380	221BRSB	--	--	--	0
(D-23-21)27bcd- 1	U.S. National Park Service	10--62	5,200	231WNGT	8.00	6.00	900	765
(D-24-18)25dba- 1	U.S. Bureau of Land Management	02--37	5,300	227NVJO	--	8.25	604	--
(D-24-19)36bba- 1	U.S. Bureau of Land Management	--	4,880	227NVJO	--	5.5	--	--
(D-24-20)19caa- 1	U.S. Bureau of Land Management	--	4,680	221ENRD	--	--	--	0
(D-25-20)21dbb- 1	U.S. Bureau of Land Management	--	5,080	--	--	--	--	--
(D-25-20)32dbc- 1	U.S. Bureau of Land Management	--	5,240	--	--	7.0	225	--
(D-25-21)20add- 2	U.S. National Park Service	11-12-58	4,120	227NVJO	8.00	8.0	123	0
(D-25-21)21bdc- 1	U.S. National Park Service	05-19-78	4,080	227NVJO	12.00	8.0	172	0
(D-25-22)12aad- 1	Devore, Kenneth	04-13-80	4,600	310CTLR	4.00	4.00	233	40
(D-25-23)18baa- 1	D'Agnesse, Denise	07-15-78	4,800	310CTLR	6.00	6.00	166	35
(D-25-23)20adb- 1	Degles, Robert	11-20-77	5,040	310CTLR	--	6.00	230	40
(D-26-22) 8bad- 1	Grand Co. Water Cons. District	06-30-80	4,240	227GLNC	--	--	610	0
(D-26-22) 8dbb- 1	Dunkin, E.	07-25-83	4,520	227GLNC	5.5	6.63	460	0
(D-26-22) 8dda- 1	Norman, L.	11-12-79	4,460	227GLNC	5.62	7.00	150	15
(D-26-22) 8dda- 2	Haaland, Martin	07-17-85	4,440	227GLNC	5.88	4.5	188	0
(D-26-22) 9ddc- 1	Norman, Robert R.	--	4,600	227GLNC	--	--	--	--
(D-26-22)14cba- 1	Norman, Robert R.	07-27-84	4,820	227GLNC	10.62	6.63	460	3
(D-26-22)14cbd- 1	Redd, Thomas	06-20-78	4,780	227GLNC	6.75	6.00	320	0
(D-26-22)15acb- 1	Turvey, Paul	05-03-78	4,660	227GLNC	7.00	6.00	270	5
(D-26-22)15acc- 1	Larsen, Ray	06-03-77	4,600	227GLNC	8.00	6.00	200	10
(D-26-22)15bbb- 1	Cochran, John M.	08-17-77	4,560	227GLNC	6.00	5.50	250	0
(D-26-22)15bcc- 1	Magee, Dail	01-03-78	4,520	227GLNC	6.00	6.00	140	10
(D-26-22)15bdb- 1	Grand Co. Water Cons. District	12-03-64	4,620	227GLNC	8.00	6.00	160	2

Well Number	Bottom of casing (feet)	Top of open interval (feet)	Type of opening	Water level (feet)	Date water level measured	Discharge (gal/min)	Drawdown (feet)	Pumping period (hours)	Specific capacity (gal/min/ft)	Date measured
(D-22-23)25bac- 1	--	--	-	--	--	0.20	--	--	--	07-21-86
(D-22-23)29ada- 1	--	--	-	--	--	0.20	--	--	--	08-18-85
(D-23-21)27bcd- 1	900	819	P	747	10-30-62	8.00	--	--	--	04-16-79
(D-24-18)25dba- 1	19.0	19.0	X	562	06-20-86	5.00	20.0	--	0.25	02-05-37
(D-24-19)36bba- 1	--	--	-	193	09-04-85	--	--	--	--	--
(D-24-20)19caa- 1	--	--	-	--	--	10.0	--	--	--	11-24-85
(D-25-20)21dbb- 1	--	--	-	400	10-16-85	--	--	--	--	--
(D-25-20)32dbc- 1	--	--	-	65.0	10-17-85	--	--	--	--	--
(D-25-21)20add- 2	123	98.4	P	91.7	12-20-58	12.0	7.00	6.0	1.7	12-20-58
(D-25-21)21bdc- 1	172	112	P	114	05-19-78	30.2	2.08	24.0	14.5	05-23-78
(D-25-22)12aad- 1	233.0	200	P	172	04-13-80	15.0	--	--	--	04-13-80
(D-25-23)18baa- 1	40.0	40.0	X	100	07-15-78	25.0	0.00	2.0	--	07-15-78
(D-25-23)20adb- 1	40.0	40.0	X	190	11-30-77	10.0	0.00	1.0	--	11-20-77
(D-26-22) 8bad- 1	--	--	-	56.9	07-25-86	360	--	--	--	06-30-80
(D-26-22) 8dbb- 1	100	100	X	332	04-30-86	--	--	--	--	--
(D-26-22) 8dda- 1	28.0	28.0	X	101	07-11-86	--	--	--	--	--
(D-26-22) 8dda- 2	188	120	P	114	04-29-86	10.0	--	--	--	--
(D-26-22) 9ddc- 1	--	--	-	--	--	--	--	--	--	--
(D-26-22)14cba- 1	102	102	X	215	06-22-86	--	--	--	--	07-27-84
(D-26-22)14cdb- 1	320	310	P	156	06-22-86	12.0	0.00	2.0	--	06-20-78
(D-26-22)15acb- 1	270	251	P	125	03-26-86	12.0	0.00	3.0	--	05-03-78
(D-26-22)15acc- 1	200	170	P	77.8	03-25-86	8.0	0.00	4.0	--	06-03-77
(D-26-22)15bbb- 1	236	220	P, X	185	03-26-86	10.0	40.0	4.0	.25	08-17-77
(D-26-22)15bcc- 1	20	20	X	51.6	03-26-86	--	--	--	--	--
(D-26-22)15bdb- 1	20	20	X	90.5	11-20-85	42.5	21.0	5.3	2.0	05-08-77

Well Number	Temperature (degrees C)	Specific conductance (us/cm)	pH (units)	Date water quality parameters measured
(D-22-23)25bac- 1	22.5	2,670	8.3	07-21-86
(D-22-23)29ada- 1	26.5	1,630	7.6	08-18-85
(D-23-21)27bcd- 1	20.0	515	7.8	08-07-86
(D-24-18)25dba- 1	--	--	--	--
(D-24-19)36bba- 1	--	--	--	--
(D-24-20)19caa- 1	14.0	335	7.8	11-24-85
(D-25-20)21dbb- 1	15.0	1,190	--	10-29-85
(D-25-20)32dbc- 1	--	--	--	--
(D-25-21)20add- 2	19.0	1,000	7.4	08-07-86
(D-25-21)21bdc- 1	19.0	1,690	7.4	08-07-86
(D-25-22)12aad- 1	16.0	3,260	7.3	09-30-86
(D-25-23)18baa- 1	15.0	3,950	7.5	09-30-86
(D-25-23)20adb- 1	15.0	1,940	7.3	09-30-86
(D-26-22) 8bad- 1	15.5	365	7.6	09-05-85
(D-26-22) 8dbb- 1	--	--	--	--
(D-26-22) 8dda- 1	--	--	--	--
(D-26-22) 8dda- 2	--	--	--	--
(D-26-22) 9ddc- 1	18.0	265	7.8	07-11-86
(D-26-22)14cba- 1	16.0	255	8.2	06-22-86
(D-26-22)14cdb- 1	15.0	245	7.6	11-05-86
(D-26-22)15acb- 1	15.0	270	7.7	08-05-86
(D-26-22)15acc- 1	--	--	--	--
(D-26-22)15bbb- 1	15.0	260	7.9	11-05-86
(D-26-22)15bcc- 1	15.0	385	7.8	11-05-86
(D-26-22)15bdb- 1	--	--	--	--

Well Number	Owner	Date of construction	Altitude of land surface (feet)	Principal aquifer	Diameter of well (inches)	Diameter of casing (inches)	Depth of well (feet)	Depth to Aquifer (feet)
(D-26-22)15cca- 1	Day, Max	08-05-77	4,480	227GLNC	8.0	6.6	119	4
(D-26-22)15daa- 2	City of Moab Number 10	07-15-76	4,660	227GLNC	12.0	10.0	300	0
(D-26-22)15dca- 1	City of Moab Number 6	02-01-69	4,600	227GLNC	14.0	14.0	181	25
(D-26-22)15ddc- 1	City of Moab Number 7	10-27-72	4,590	227GLNC	16.0	16.0	325	15
(D-26-22)17aaa- 2	Mc Cormick, Richard E.	03-15-81	4,460	227GLNC	8.8	10.8	180	1
(D-26-22)17aba- 3	Oliver, Harold	10-21-62	4,320	227GLNC	7.0	7.0	100	0
(D-26-22)22aab- 1	City of Moab Number 4	05-18-61	4,580	227GLNC	12.0	12.8	100	16
(D-26-22)22aab- 2	City of Moab Number 4A	10- -72	4,580	227GLNC	--	16.0	222	--
(D-26-22)22aac- 1	City of Moab Number 5	08-20-62	4,570	227GLNC	12.8	12.8	238	11
(D-26-22)22abc- 1	Ritchie, Robert	08-05-65	4,520	227GLNC	6.0	6.0	80	6
(D-26-22)22daa- 1	Broughton, B.	04-30-69	4,600	227GLNC	12.0	12.0	200	18
(D-26-22)22dad- 1	Rattle, Paul S.	03-23-73	4,600	227GLNC	8.0	8.0	110	0
(D-26-22)22dcd- 1	White, George M.	06-19-59	4,580	110ALVM		16.0	70	0
(D-26-22)23bba- 1	City of Moab Number 9	04-07-75	4,640	227GLNC	14.0	14.0	450	18
(D-26-22)23cdd- 1	Grand Co. Water Cons. District	02-25-71	4,680	227GLNC	16.0	16.0	174	8
(D-26-22)26acd- 1	Whitney, Susan	--	4,740	227GLNC	--	--	--	--
(D-26-22)26dbc- 1	Axtell, Larry	04-25-79	4,700	110ALVM	6.0	6.0	235	0
(D-26-22)26dbd- 1	City of Moab Number 11	07-29-70	4,710	227GLNC	16.0	14.0	210	140
(D-26-22)26dda- 1	Jolly, James	- -75	4,740	227GLNC	5.0	5.0	220	0
(D-26-22)35ada- 1	Bull, L.W.	02-18-62	4,740	110ALVM	5.5	5.5	185	0
(D-26-22)35bdd- 2	Callor, J.	04-01-63	4,740	110ALVM	6.0	6.0	247	0

Well Number	Bottom of casing (feet)	Top of open interval (feet)	Type of opening	Water level (feet)	Date water level measured	Discharge (gal/min)	Drawdown (feet)	Pumping period (hours)	Specific capacity (gal/min/ft)	Date measured
(D-26-22)15cca- 1	111	111	X	15.5 ✓	03-26-86 ✓	20.0	4.00	1.00	5.0	08-05-77
(D-26-22)15daa- 2	300	180	P	122 ✓	01-10-87	750	22.0	--	34.1	10- -78
(D-26-22)15dca- 1	181	105	P	49.8 ✓	01-27-86 ✓	938	12.0	--	78.2	10- -78
(D-26-22)15ddc- 1	325	105	P	30.5 ✓	01-10-87	322	33.0	--	9.8	10- -78
(D-26-22)17aaa- 2	16.0	16.0	X	105	03-25-86 ✓	35.0	1.5	1.00	23.3	03-15-81
(D-26-22)17aba- 3	100	89.0	P	31.8	03-25-86 ✓	32.0	0	3.00	--	10-21-62
(D-26-22)22aab- 1	63.0	20.0	P, X	26.4 ✓	01-10-87	600	40.0	8.00	15.0	05-18-61
(D-26-22)22aab- 2	222	70.0	P	27.2 ✓	01-10-87	1,190	30.0	--	39.7	12- -72
(D-26-22)22aac- 1	238	114	P	2.4 ✓	01-10-87	180	231	--	.8	08- -78
(D-26-22)22abc- 1	66	66.0	X	11.9	02-26-86 ✓	25	0	1.0	--	08-05-65
(D-26-22)22daa- 1	150	77.0	X	10.8	02-26-86 ✓	200	20.0	24.0	10.0	04-30-69
(D-26-22)22dad- 1	87	87.0	X	10.45	02-26-86 ✓	160	--	--	--	03-23-73
(D-26-22)22dcd- 1				34.0	06-19-59	100	51.0	--	2.0	06-19-59
(D-26-22)23bba- 1	235	110	P, X	12.9 ✓	01-10-87	180	205	--	0.9	10- -78
(D-26-22)23cdd- 1	120	120	X	75.0	03-09-71	1,600	48	1.0	33.3	02-25-71
(D-26-22)26acd- 1	--	--	--	125	02-26-86 ✓	--	--	--	--	--
(D-26-22)26dbc- 1	234	--	P	80.2	02-26-86 ✓	50.0	13	6.0	3.8	04-25-79
(D-26-22)26dbd- 1	190	140	P, X	101	02-26-86	1,500	9	12	167	07-29-70
(D-26-22)26dda- 1	156	156	X	137	02-26-86	--	--	--	--	--
(D-26-22)35ada- 1	185	185	P	154	02-18-62	7.0	0	1.0	--	02-18-62
(D-26-22)35bdd- 2	247	230	P	--	--	30.0	0	1.0	--	04-01-63

→ Additional water levels:

7-12-86 12.33 (Seasonal drawdown)

5-20-87 8.72

Well Number	Temperature (degrees C)	Specific conductance (us/cm)	pH (units)	Date water quality parameters measured
(D-26-22)15cca- 1	16.0	330	7.7	08-09-86
(D-26-22)15daa- 2	15.5	255	7.8	08-15-85
(D-26-22)15dca- 1	15.0	360	7.7	08-15-85
(D-26-22)15ddc- 1	15.0	370	7.7	11-05-86
(D-26-22)17aaa- 2	16.5	285	7.8	11-05-86
(D-26-22)17aba- 3	--	--	--	--
(D-26-22)22aab- 1	13.5	275	7.6	11/19/68
(D-26-22)22aab- 2	--	--	--	--
(D-26-22)22aac- 1	15.5	280	7.9	08-16-85
(D-26-22)22abc- 1	15.0	620	7.4	08-05-86
(D-26-22)22daa- 1	--	--	--	--
(D-26-22)22dad- 1	16.5	380	7.7	07-12-86
(D-26-22)22dcd- 1	16.0	930	7.6	07-09-68
(D-26-22)23bba- 1	--	--	--	--
(D-26-22)23cdd- 1	16.0	445	7.8	08-28-85
(D-26-22)26acd- 1	17.0	685	7.5	08-09-86
(D-26-22)26dbc- 1	15.0	1,050	7.2	11-05-86
(D-26-22)26dbd- 1	17.0	920	7.5	08-19-85
(D-26-22)26dda- 1	18.0	705	7.6	07-12-86
(D-26-22)35ada- 1	14.0	1,230	7.6	07-08-69
(D-26-22)35bdd- 2	10.0	980	7.7	09-05-68

Table 7.--Water levels in selected observation wells

[Water levels are in feet below land surface]

Well number: See "Numbering system for hydrogeologic-data sites", p. xx and figure 2.
 Altitude of well: Altitude of land surface, in feet above sea level; altitudes interpolated
 from U.S. Geological Survey topographic maps.
 Water level: Measured water level, in feet below land surface.

(D-26-22)15daa- 2

City of Moab Well Number 10

Altitude of well: 4640 feet.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
07/15/76	146.00	10/01/78	174.00	01/01/79	160.00	08/15/85	132.66
09/27/85	131.16	10/29/85	129.14	11/27/85	127.40	12/28/85	125.95
01/16/86	125.29	01/24/86	125.02	01/28/86	124.70	02/14/86	127.46
03/26/86	127.14	04/29/86	125.61	05/31/86	126.34	06/22/86	127.47
07/27/86	128.41	08/31/86	128.47	09/30/86	127.31	11/04/86	125.64
01/10/87	122.31						

(D-26-22)15ddc- 1

City of Moab Well Number 7

Altitude of well: 4600 feet.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
10/27/72	68.00	10/01/78	88.00	01/01/79	70.00	08/15/85	41.64
09/26/85	40.32	10/28/85	37.20	11/27/85	35.43	12/28/85	34.00
01/16/86	33.40	01/24/86	33.11	01/28/86	32.83	02/14/86	35.69
03/26/86	36.84	04/29/86	34.32	07/27/86	38.74	08/31/86	37.79
09/30/86	35.52	11/04/86	33.94	01/10/87	30.50		

(D-26-22)22aab- 1

City of Moab Well Number 4

Altitude of well: 4580 feet.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
05/18/61	16.00	03/01/69	31.00	09/26/85	35.33	10/28/85	32.92
11/27/85	31.17	12/28/85	29.79	01/16/86	30.11	01/23/86	29.62
01/28/86	28.66	01/31/86	31.64	02/05/86	34.52	02/10/86	32.03
02/15/86	31.38	02/20/86	30.73	02/25/86	30.29	02/28/86	30.46
03/05/86	30.46	03/10/86	30.84	03/15/86	30.39	03/20/86	30.68
03/25/86	31.36	03/26/86	31.88	03/31/86	31.28	04/05/86	30.34
04/10/86	30.51	04/15/86	30.48	04/20/86	30.31	04/25/86	31.56
04/30/86	29.77	05/05/86	30.30	05/10/86	30.12	05/15/86	31.70
05/20/86	30.46	05/25/86	30.42	05/31/86	33.99	06/05/86	34.25
06/10/86	32.66	06/15/86	32.27	06/20/86	32.20	06/25/86	32.45
06/30/86	33.32	07/05/86	36.52	07/10/86	33.63	07/15/86	33.09

(D-26-22)22aab- 1 Continued

Date	Water level	Date	Water level	Date	Water level	Date	Water level
07/20/86	34.47	07/25/86	33.11	07/31/86	33.56	08/05/86	34.43
08/10/86	33.86	08/15/86	33.49	08/20/86	33.87	08/25/86	34.32
08/31/86	33.50	09/05/86	32.96	09/10/86	32.46	09/15/86	32.74
09/20/86	36.16	09/25/86	32.38	09/30/86	31.34	10/15/86	30.52
10/20/86	30.05	10/25/86	31.94	10/31/86	30.43	11/04/86	29.65
01/06/87	27.63	01/07/87	27.63	01/08/87	27.54	01/09/87	27.57
01/10/87	27.63	03/11/87	26.94				

(D-26-22)22aac- 1

City of Moab Well Number 5
Altitude of well: 4580 feet.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
08/20/62	1.00	10/01/78	24.00	01/01/79	19.00	08/16/85	6.39
09/26/85	6.87	10/28/85	5.23	11/27/85	4.53	12/28/85	4.05
01/16/86	3.82	01/24/86	3.72	01/28/86	3.65	02/14/86	3.79
03/26/86	3.99	04/29/86	3.84	05/31/86	5.59	06/22/86	5.49
07/27/86	5.16	08/31/86	5.29	09/30/86	4.40	11/04/86	3.24
01/10/87	2.41						

(D-26-22)23bba- 1

City of Moab Well Number 9
Altitude of well: 4720 feet.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
04/07/75	32.00	10/01/78	40.00	09/26/85	17.91	10/28/85	17.31
11/27/85	16.97	12/28/85	16.54	01/16/86	16.32	01/25/86	18.83
01/28/86	16.12	01/31/86	15.99	02/05/86	15.90	02/10/86	15.96
02/15/86	15.81	02/20/86	15.80	02/25/86	15.89	02/28/86	15.80
03/05/86	15.74	03/10/86	15.52	03/15/86	15.57	03/20/86	15.84
03/25/86	15.49	03/31/86	15.44	04/05/86	15.45	04/10/86	15.29
04/15/86	15.24	04/20/86	15.33	04/25/86	14.99	04/30/86	15.16
05/05/86	14.96	05/10/86	15.00	05/15/86	15.03	05/20/86	14.86
05/25/86	14.96	05/31/86	14.78	06/05/86	14.76	06/10/86	15.00
06/15/86	14.77	06/20/86	14.77	06/25/86	14.80	06/30/86	14.74
07/05/86	14.71	07/10/86	14.69	07/15/86	14.70	07/20/86	14.68
07/25/86	14.62	07/31/86	14.54	08/05/86	14.50	08/10/86	14.51
08/15/86	14.43	08/20/86	14.49	08/25/86	14.38	08/31/86	14.28
09/05/86	14.26	09/10/86	14.17	09/15/86	14.09	09/20/86	14.06
09/25/86	13.94	09/30/86	13.91	03/11/87	12.10		