

Water-Data Report 2011

322712104074501 Local number 21S.28E.30.14123 (formerly 322710104073901)

Undefined Aquifer
Capitan Limestone

Eddy County, NM

LOCATION.--Lat 32°27'14", long 104°07'44" referenced to North American Datum of 1983, in NW ¼ SE ¼ NW ¼ sec.30, T.21 S., R.28 E., Eddy County, NM, Hydrologic Unit 13060011.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 906 ft. Upper casing diameter 8.5 in; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 3,182 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.3 ft above land-surface datum, Jan. 1, 2007, to present.

PERIOD OF RECORD.--1963 to current year.

GAGE.--Digital recorder, 1-hour measurement.

REMARKS.--Records good, except for estimated which are poor.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 88.13 ft below land-surface datum, June 29, 1987 (from recorder); lowest measured, 98.68 ft below land-surface datum, Aug. 3, 1974 (from recorder).

EXTREMES FOR CURRENT YEAR.--Highest water level, 90.80 ft below land surface datum, Oct. 1; lowest water level, 92.50 ft below land surface datum, Aug. 24, 25, 26, 27, 28.

322712104074501 Local number 21S.28E.30.14123 (formerly 322710104073901)—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MINIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	90.80	91.32	91.73	92.19	92.33	---	---	91.36	91.81	---	---	92.46
2	90.81	91.34	91.78	92.23	92.35	---	---	91.41	91.83	---	---	92.46
3	90.82	91.37	91.81	92.24	92.39	---	---	91.47	91.84	---	---	92.46
4	90.85	91.39	91.85	92.25	---	---	---	91.52	91.84	---	---	92.46
5	90.86	91.39	91.90	92.25	---	---	---	91.54	91.85	---	---	92.47
6	90.88	91.37	91.95	92.26	---	---	---	91.56	91.86	---	---	92.48
7	90.90	91.35	91.99	92.26	---	---	---	91.56	91.86	---	---	92.47
8	90.92	91.31	92.01	92.25	---	---	---	91.56	91.86	---	---	92.47
9	90.94	91.27	92.04	92.24	---	---	---	91.55	---	---	---	92.47
10	90.95	91.25	92.06	92.24	---	---	---	91.54	---	---	---	92.47
11	90.96	91.24	92.07	92.25	---	---	---	91.54	---	---	---	92.47
12	90.98	91.24	92.11	92.30	---	---	---	91.55	---	---	---	92.46
13	91.00	91.26	92.19	92.34	---	---	---	91.56	---	---	---	92.45
14	91.04	91.27	92.17	92.35	---	---	91.22	91.59	---	---	---	92.43
15	91.06	91.26	92.15	92.35	---	---	91.23	91.61	---	---	---	92.43
16	91.07	91.26	92.15	92.34	---	---	91.27	91.62	---	---	---	92.41
17	91.09	91.27	92.15	92.32	---	---	91.28	91.63	---	---	---	92.39
18	91.09	91.32	92.17	92.31	---	---	91.28	91.62	---	---	---	92.36
19	91.10	91.37	92.16	92.31	---	---	91.27	91.62	---	---	---	92.34
20	91.12	91.39	92.16	92.31	---	---	91.27	91.63	---	---	---	92.31
21	91.14	91.40	92.16	92.32	---	---	91.28	91.66	---	---	---	92.29
22	91.16	91.42	92.17	92.31	---	---	91.28	91.68	---	---	---	92.27
23	91.15	91.44	92.20	92.31	---	---	91.28	91.70	---	---	---	92.26
24	91.13	91.47	92.20	92.32	---	---	91.28	91.72	---	---	---	92.24
25	91.10	91.48	92.22	92.33	---	---	91.29	91.73	---	---	92.50	92.22
26	91.10	91.51	92.25	92.33	---	---	91.28	91.75	---	---	92.50	92.20
27	91.12	91.58	92.25	92.34	---	---	91.28	91.76	---	---	92.50	92.19
28	91.16	91.61	92.24	92.35	---	---	91.31	91.76	---	---	92.49	92.18
29	91.25	91.62	92.22	92.34	---	---	91.35	91.76	---	---	92.49	92.17
30	91.30	91.65	92.19	92.34	---	---	91.36	91.76	---	---	92.47	92.17
31	91.31	---	92.19	92.33	---	---	---	91.77	---	---	92.47	---
Mean	91.04	91.38	92.09	92.30	---	---	---	91.62	---	---	---	92.36
Max	91.31	91.65	92.25	92.35	---	---	---	91.77	---	---	---	92.48
Min	90.80	91.24	91.73	92.19	---	---	---	91.36	---	---	---	92.17

Calendar Year 2010	
Mean	91.45
High	90.80
Low	92.26

322712104074501 Local number 21S.28E.30.14123 (formerly 322710104073901)—Continued

