Water-Data Report 2012

400852101352701 Local number 2N 38W 10DD1 Benkelman

High Plains aquifer
Ogallala Formation

Dundy County, NE

LOCATION.--Lat 40°08′54″, long 101°35′45″ referenced to North American Datum of 1927, in SW ¼ SE ¼ sec.10, T.2 N., R.38 W., Dundy County, NE, Hydrologic Unit 10250004.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 180 feet Upper casing diameter 5 inch; top of first opening 160 feet, bottom of last opening 180 feet.

DATUM.--Land surface datum is 3,265 feet above National Geodetic Vertical Datum of 1929. Measuring point: MP is top of casing, 1.50 feet above land surface datum, September 21, 1972, to present.

PERIOD OF RECORD.--September 1972 to current year.

REVISED RECORDS.--WDR-US-2007: 2005-2006 (Extremes for Period of Record).

REVISIONS.--Revised extremes, superseding published values, are given below.

WY2006 Extremes for Period of Record.--Lowest water level, 135.69 feet below land surface datum, September. 26,27, 2006.

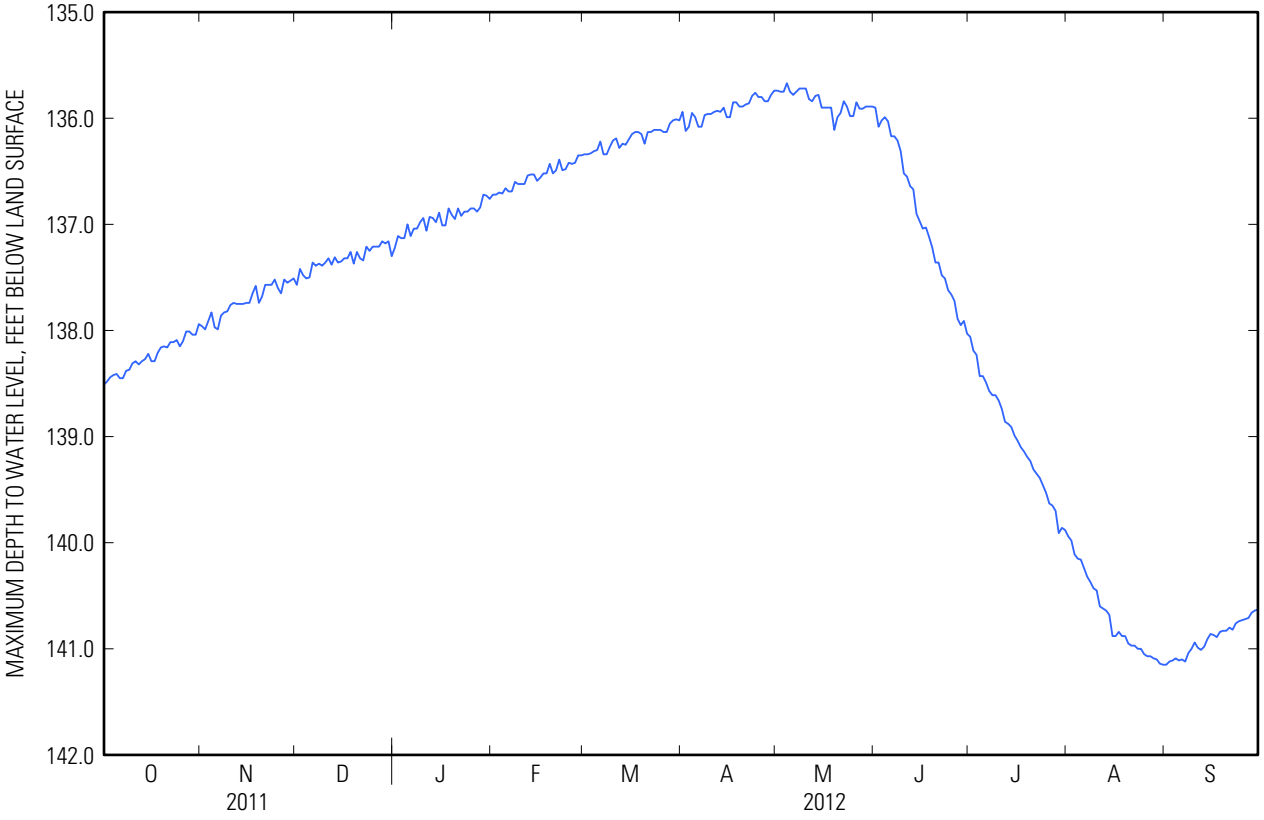
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 85.16 feet below land surface datum, May 8, 1973; lowest, 141.15 feet below land surface datum, August 31 and September 1, 2012.

EXTREMES FOR CURRENT YEAR.--Highest water level, 135.63 feet below land surface datum, April 27, 30, May 9; lowest water level, 141.15 feet below land surface datum, August 31, September 1.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 400852101352701, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/400852101352701.2012.pdf

400852101352701 Local number 2N 38W 10DD1 Benkelman—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	138.51	137.96	137.57	137.22	136.72	136.34	135.94	135.74	135.90	138.06	139.94	141.15
2	138.48	137.99	137.42	137.11	136.72	136.34	136.12	135.75	136.08	138.19	139.98	141.12
3	138.44	137.91	137.48	137.13	136.70	136.33	136.08	135.75	136.02	138.23	140.11	141.11
4	138.42	137.83	137.51	137.13	136.71	136.31	135.95	135.67	135.99	138.43	140.15	141.09
5	138.41	137.97	137.50	137.00	136.66	136.30	135.99	135.75	136.03	138.43	140.16	141.11
6	138.45	137.99	137.36	137.11	136.69	136.22	136.08	135.78	136.17	138.49	140.24	141.10
7	138.45	137.86	137.39	137.04	136.69	136.34	136.08	135.75	136.17	138.57	140.32	141.12
8	138.38	137.83	137.37	137.04	136.60	136.34	135.97	135.72	136.21	138.61	140.37	141.04
9	138.37	137.82	137.39	136.98	136.62	136.27	135.96	135.72	136.31	138.61	140.43	141.00
10	138.31	137.76	137.36	136.94	136.62	136.21	135.96	135.72	136.52	138.66	140.45	140.94
11	138.29	137.74	137.32	137.06	136.62	136.19	135.94	135.82	136.55	138.74	140.60	140.99
12	138.32	137.75	137.38	136.93	136.54	136.28	135.93	135.84	136.64	138.86	140.62	141.01
13	138.29	137.75	137.31	136.94	136.53	136.24	135.94	135.79	136.67	138.88	140.64	140.98
14	138.27	137.75	137.36	136.98	136.53	136.25	135.90	135.78	136.90	138.91	140.68	140.91
15	138.22	137.74	137.35	136.89	136.59	136.20	135.99	135.90	136.97	138.99	140.88	140.86
16	138.29	137.74	137.32	137.01	136.56	136.15	135.99	135.90	137.04	139.04	140.88	140.87
17	138.29	137.65	137.32	137.01	136.52	136.13	135.85	135.90	137.03	139.10	140.84	140.89
18	138.21	137.58	137.26	136.85	136.52	136.13	135.85	135.90	137.12	139.14	140.88	140.84
19	138.16	137.74	137.37	136.91	136.43	136.15	135.89	136.11	137.22	139.19	140.88	140.83
20	138.15	137.68	137.26	136.95	136.52	136.24	135.89	135.99	137.36	139.23	140.95	140.83
21	138.16	137.57	137.32	136.85	136.49	136.13	135.87	135.95	137.36	139.31	140.97	140.80
22	138.11	137.57	137.34	136.92	136.39	136.13	135.86	135.84	137.48	139.35	140.97	140.82
23	138.11	137.57	137.21	136.88	136.49	136.11	135.79	135.89	137.51	139.39	141.00	140.76
24	138.09	137.52	137.25	136.88	136.48	136.11	135.76	135.98	137.62	139.46	141.00	140.74
25	138.15	137.60	137.21	136.85	136.42	136.11	135.80	135.98	137.66	139.53	141.05	140.73
26	138.10	137.65	137.21	136.85	136.43	136.13	135.80	135.85	137.72	139.63	141.07	140.72
27	138.01	137.52	137.21	136.88	136.42	136.13	135.84	135.91	137.89	139.65	141.07	140.71
28	138.01	137.55	137.16	136.84	136.35	136.05	135.84	135.91	137.95	139.70	141.09	140.66
29	138.04	137.53	137.18	136.72	136.35	136.02	135.78	135.89	137.91	139.91	141.10	140.64
30	138.04	137.51	137.16	136.73	---	136.01	135.74	135.89	138.03	139.86	141.14	140.63
31	137.94	---	137.30	136.76	---	136.02	---	135.89	---	139.88	141.15	---
Mean	138.24	137.72	137.33	136.95	136.55	136.19	135.91	135.85	136.93	139.03	140.70	140.90
Max	138.51	137.99	137.57	137.22	136.72	136.34	136.12	136.11	138.03	139.91	141.15	141.15
Min	137.94	137.51	137.16	136.72	136.35	136.01	135.74	135.67	135.90	138.06	139.94	140.63

400852101352701 Local number 2N 38W 10DD1 Benkelman—Continued