Water-Data Report 2011

381119098435301 Local number 21S 13W 27DDDC01

High Plains aquifer
Undefined Aquifer

Stafford County, KS

LOCATION.--Lat 38°11′19″, long 98°43′53″ referenced to North American Datum of 1927, in SE ¼ SE ¼ SE ¼ sec.27, T.21 S., R.13 W., Stafford County, KS, Hydrologic Unit 11030004, 12 mi south and 0.75 mi east of Great Bend. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 44 ft. Upper casing diameter 2 in; top of first opening undefined, bottom of last opening undefined. Drilled observation well. Prior to Mar. 27, 2000, well was located 200 ft from current site and published under station number 381120098434802.

DATUM.--Land-surface datum is 1,875.87 ft above National Geodetic Vertical Datum of 1929. Measuring point: MP is top of 2-in PVC casing, 5.10 ft above land-surface datum, Mar. 27, 2000, to present.

PERIOD OF RECORD.--2000 to current year.

GAGE.--Submersible transducer interfaced to a data-collection platform/data logger with a 15-minute update interval.

REMARKS.--Records good. Water level fluctuates with nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Maximum water level, 1,871.55 ft above NGVD of 1929, May 10, 2000; minimum, 1,860.46 ft above NGVD of 1929, Aug. 20, 2006.

EXTREMES FOR CURRENT YEAR.--Maximum water level, 1,867.37 ft, Dec. 30; minimum water level, 1,862.78 ft, Sept. 29.

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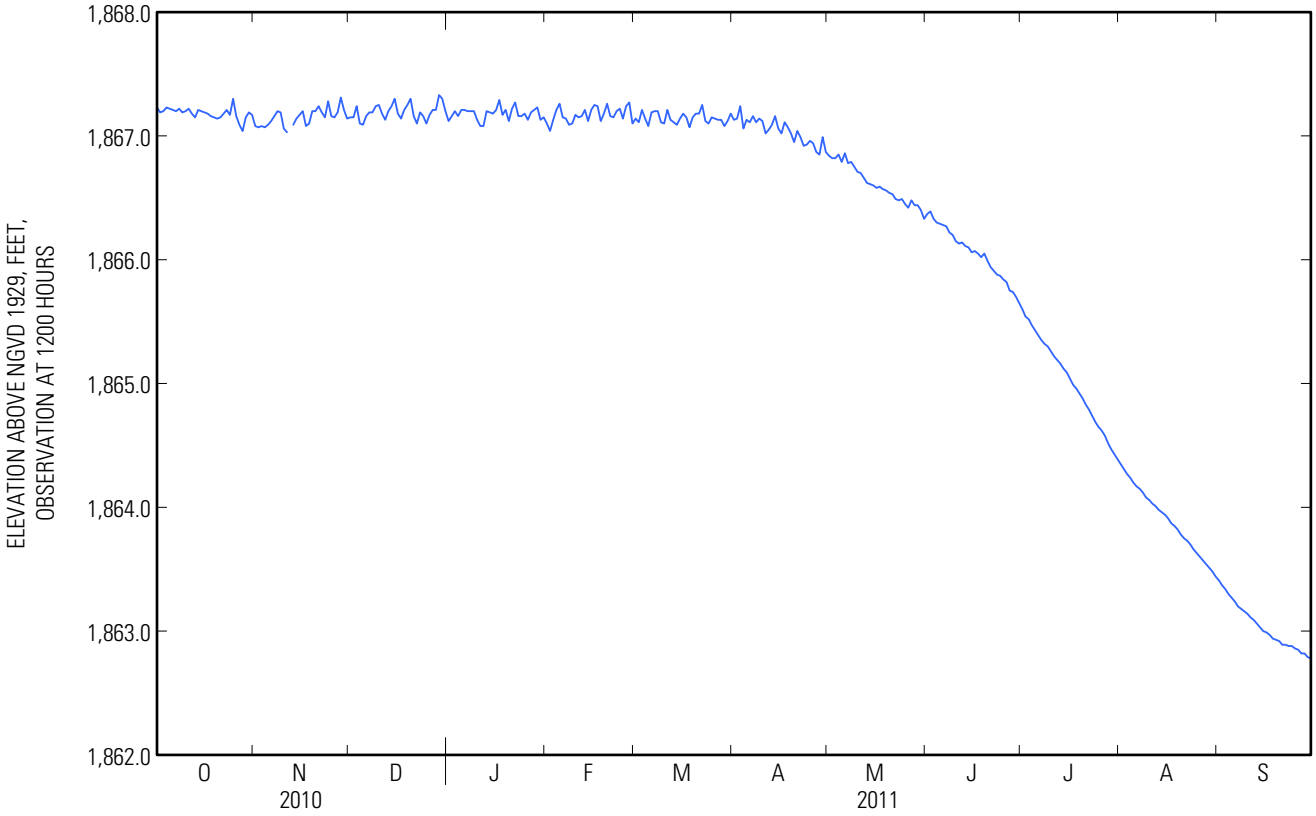
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY OBSERVATION AT 1200 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,867.23	1,867.08	1,867.15	1,867.12	1,867.10	1,867.14	1,867.13	1,866.84	1,866.37	1,865.60	1,864.35	1,863.41
2	1,867.19	1,867.07	1,867.15	1,867.16	1,867.04	1,867.11	1,867.14	1,866.82	1,866.39	1,865.54	1,864.31	1,863.37
3	1,867.20	1,867.08	1,867.24	1,867.20	1,867.13	1,867.21	1,867.24	1,866.82	1,866.33	1,865.52	1,864.27	1,863.34
4	1,867.23	1,867.07	1,867.10	1,867.16	1,867.21	1,867.14	1,867.06	1,866.85	1,866.30	1,865.47	1,864.24	1,863.30
5	1,867.22	1,867.09	1,867.09	1,867.21	1,867.26	1,867.08	1,867.13	1,866.79	1,866.29	1,865.43	1,864.20	1,863.27
6	1,867.21	1,867.12	1,867.16	1,867.21	1,867.15	1,867.19	1,867.11	1,866.86	1,866.28	1,865.39	1,864.17	1,863.24
7	1,867.20	1,867.16	1,867.19	1,867.20	1,867.14	1,867.20	1,867.16	1,866.78	1,866.27	1,865.35	1,864.15	1,863.20
8	1,867.22	1,867.20	1,867.19	1,867.20	1,867.09	1,867.20	1,867.11	1,866.79	1,866.22	1,865.32	1,864.12	1,863.18
9	1,867.19	1,867.19	1,867.24	1,867.20	1,867.10	1,867.11	1,867.14	1,866.75	1,866.20	1,865.30	1,864.08	1,863.16
10	1,867.20	1,867.06	1,867.25	1,867.13	1,867.17	1,867.10	1,867.12	1,866.71	1,866.15	1,865.26	1,864.06	1,863.14
11	1,867.22	1,867.03	1,867.18	1,867.08	1,867.15	1,867.21	1,867.02	1,866.70	1,866.13	1,865.22	1,864.03	1,863.11
12	1,867.18	---	1,867.13	1,867.08	1,867.16	1,867.13	1,867.05	1,866.66	1,866.14	1,865.19	1,864.01	1,863.09
13	1,867.15	1,867.09	1,867.20	1,867.20	1,867.21	1,867.11	1,867.09	1,866.62	1,866.11	1,865.16	1,863.98	1,863.06
14	1,867.21	1,867.14	1,867.24	1,867.19	1,867.12	1,867.09	1,867.16	1,866.61	1,866.10	1,865.12	1,863.96	1,863.03
15	1,867.20	1,867.17	1,867.30	1,867.18	1,867.21	1,867.14	1,867.06	1,866.60	1,866.06	1,865.09	1,863.94	1,863.00
16	1,867.19	1,867.20	1,867.18	1,867.21	1,867.25	1,867.18	1,867.02	1,866.58	1,866.07	1,865.04	1,863.91	1,862.99
17	1,867.18	1,867.08	1,867.14	1,867.29	1,867.24	1,867.15	1,867.11	1,866.59	1,866.05	1,864.99	1,863.87	1,862.97
18	1,867.16	1,867.10	1,867.21	1,867.17	1,867.12	1,867.07	1,867.07	1,866.57	1,866.02	1,864.96	1,863.85	1,862.94
19	1,867.15	1,867.20	1,867.25	1,867.21	1,867.18	1,867.15	1,867.02	1,866.56	1,866.05	1,864.92	1,863.82	1,862.93
20	1,867.14	1,867.20	1,867.30	1,867.12	1,867.26	1,867.18	1,866.95	1,866.54	1,865.99	1,864.88	1,863.78	1,862.92
21	1,867.15	1,867.24	1,867.16	1,867.22	1,867.16	1,867.18	1,867.04	1,866.53	1,865.94	1,864.83	1,863.75	1,862.89
22	1,867.18	1,867.19	1,867.10	1,867.27	1,867.15	1,867.25	1,866.99	1,866.49	1,865.91	1,864.79	1,863.73	1,862.89
23	1,867.21	1,867.15	1,867.19	1,867.16	1,867.20	1,867.12	1,866.92	1,866.48	1,865.88	1,864.74	1,863.70	1,862.88
24	1,867.17	1,867.28	1,867.16	1,867.16	1,867.22	1,867.10	1,866.93	1,866.49	1,865.87	1,864.69	1,863.66	1,862.88
25	1,867.30	1,867.16	1,867.10	1,867.18	1,867.14	1,867.15	1,866.96	1,866.45	1,865.84	1,864.65	1,863.63	1,862.86
26	1,867.16	1,867.15	1,867.17	1,867.13	1,867.24	1,867.14	1,866.94	1,866.42	1,865.82	1,864.62	1,863.60	1,862.85
27	1,867.09	1,867.19	1,867.21	1,867.19	1,867.27	1,867.13	1,866.87	1,866.48	1,865.75	1,864.58	1,863.57	1,862.82
28	1,867.04	1,867.31	1,867.21	1,867.21	1,867.10	1,867.13	1,866.85	1,866.44	1,865.74	1,864.52	1,863.54	1,862.82
29	1,867.15	1,867.21	1,867.33	1,867.23	---	1,867.08	1,866.99	1,866.44	1,865.70	1,864.47	1,863.51	1,862.79
30	1,867.19	1,867.14	1,867.30	1,867.13	---	1,867.12	1,866.87	1,866.40	1,865.65	1,864.43	1,863.48	1,862.78
31	1,867.17	---	1,867.20	1,867.15	---	1,867.18	---	1,866.33	---	1,864.39	1,863.44	---
Mean	1,867.18	---	1,867.19	1,867.18	1,867.17	1,867.14	1,867.04	1,866.61	1,866.05	1,865.02	1,863.89	1,863.04
Max	1,867.30	---	1,867.33	1,867.29	1,867.27	1,867.25	1,867.24	1,866.86	1,866.39	1,865.60	1,864.35	1,863.41
Min	1,867.04	---	1,867.09	1,867.08	1,867.04	1,867.07	1,866.85	1,866.33	1,865.65	1,864.39	1,863.44	1,862.78

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