

Water-Data Report 2013

375259097252901 Local number EB-142

High Plains aquifer
Undefined Aquifer

Sedgwick County, KS

LOCATION.--Lat 37°52'59", long 97°25'29" referenced to North American Datum of 1927, in NW ¼ NW ¼ NW ¼ sec.15, T.25 W., R.1 W., Sedgwick County, KS, Hydrologic Unit 11030012, at the downstream side of the county bridge, 2.0 mi south of Sedgwick, 4.1 mi downstream from Sand Creek. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 48.5 ft. Upper casing diameter 2 in; top of first opening 38.5 ft, bottom of last opening 48.5 ft. Drilled unused water-table well.

DATUM.--Land-surface datum is 1,368.68 ft above National Geodetic Vertical Datum of 1929. Measuring point: MP is top of 2-in PVC casing, 1.68 ft above land-surface datum, April 20, 2004, to present.

PERIOD OF RECORD.--November 1993 to current year.

GAGE.--Submersible transducer interfaced to a data-collection platform/data logger with a 1-hour update interval.

REMARKS.--Records good. Water level fluctuates with river stage and nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Maximum water level, 1,359.52 ft above NGVD of 1929, Nov. 4, 1998; minimum, 1,342.87 ft above NGVD of 1929, Sept. 23, 2012.

EXTREMES FOR CURRENT YEAR.--Maximum water level, 1,357.84 ft, Aug. 7; minimum water level, 1,342.91 ft, Oct. 4.

375259097252901 Local number EB-142—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY OBSERVATION AT 1200 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,342.99	1,342.96	1,342.97	1,342.99	1,343.02	1,343.07	1,343.11	1,343.30	1,344.27	1,343.38	1,351.63	1,347.85
2	1,342.97	1,342.96	1,342.97	1,343.00	1,343.02	1,343.07	1,343.11	1,343.30	1,344.48	1,343.36	1,351.08	1,347.70
3	1,342.96	1,342.94	1,342.96	1,342.99	1,343.02	1,343.08	1,343.11	1,343.35	1,344.29	1,343.34	1,350.59	1,347.56
4	1,342.93	1,342.96	1,342.94	1,343.00	1,343.02	1,343.08	1,343.14	1,343.34	1,344.15	1,343.31	1,351.64	1,347.43
5	---	1,342.95	1,342.96	1,343.01	1,343.02	1,343.07	1,343.14	1,343.38	1,344.05	1,343.29	1,354.74	1,347.31
6	1,342.92	1,342.95	1,342.98	1,343.00	1,343.03	1,343.08	1,343.14	1,343.40	1,344.07	1,343.27	1,355.49	1,347.21
7	1,342.93	1,342.95	1,342.97	1,343.01	1,343.01	1,343.09	1,343.13	1,343.42	1,344.00	1,343.25	1,357.80	1,347.10
8	1,342.93	1,342.96	1,342.97	1,343.01	1,343.01	1,343.09	1,343.13	1,343.41	1,343.97	1,343.23	1,357.13	1,347.00
9	1,342.92	1,342.96	1,342.97	1,343.00	1,343.04	1,343.09	1,343.12	1,343.45	1,343.96	1,343.21	1,357.14	1,346.86
10	1,342.92	1,342.96	1,342.97	1,343.00	1,343.04	1,343.14	1,343.13	1,343.58	1,343.92	1,343.17	1,357.69	1,346.76
11	1,342.93	1,342.95	1,342.97	1,343.01	1,343.02	1,343.17	1,343.20	1,343.57	1,343.88	1,343.16	1,356.96	1,346.65
12	1,342.93	1,342.99	1,342.98	1,343.01	1,343.03	1,343.14	1,343.20	1,343.56	1,343.81	1,343.13	1,355.73	1,346.55
13	1,342.94	1,342.99	1,342.98	1,343.00	1,343.04	1,343.18	1,343.25	1,343.51	1,343.78	1,343.11	1,355.00	1,346.50
14	1,342.94	1,342.99	1,342.99	1,343.00	1,343.02	1,343.19	1,343.26	1,343.47	1,343.74	1,343.10	1,356.04	1,346.46
15	1,342.98	1,342.98	1,342.98	1,343.01	1,343.02	1,343.19	1,343.25	1,343.44	1,343.70	1,343.09	1,355.94	1,346.40
16	1,342.98	1,342.98	1,342.99	1,343.01	1,343.02	1,343.16	1,343.25	1,343.41	1,343.66	1,343.12	1,355.85	1,346.31
17	1,342.96	1,342.98	1,342.99	1,342.99	1,343.04	1,343.16	1,343.24	1,343.38	1,343.64	1,343.11	1,355.64	1,346.25
18	1,342.96	1,342.99	1,342.99	1,343.01	1,343.01	1,343.13	1,343.23	1,343.35	1,343.64	1,343.08	1,354.74	1,346.19
19	1,342.94	1,342.97	1,343.00	1,343.00	1,343.00	1,343.12	1,343.24	1,343.34	1,343.64	1,343.07	1,353.68	1,346.13
20	1,342.95	1,342.97	1,342.97	1,343.00	1,343.03	1,343.11	1,343.22	1,343.46	1,343.68	1,343.07	1,352.49	1,346.08
21	1,342.95	1,342.97	1,342.98	1,343.00	1,343.05	1,343.12	1,343.21	1,343.45	1,343.76	1,343.13	1,351.52	1,346.03
22	1,342.93	1,342.97	1,343.00	1,343.01	1,343.02	1,343.10	1,343.23	1,343.40	1,343.68	1,343.18	1,350.81	1,345.98
23	1,342.95	1,342.95	1,343.00	1,343.01	1,343.04	1,343.10	1,343.28	1,343.36	1,343.62	1,343.18	1,350.26	1,345.93
24	1,342.94	1,342.98	1,343.00	1,343.01	1,343.05	1,343.09	1,343.30	1,343.34	1,343.58	1,343.13	1,349.82	1,345.86
25	1,342.92	1,342.97	1,342.99	1,343.00	1,343.06	1,343.09	1,343.29	1,343.33	1,343.55	1,343.13	1,349.44	1,345.83
26	1,342.93	1,342.95	1,343.01	1,343.02	1,343.06	1,343.11	1,343.27	1,343.32	1,343.50	1,343.13	1,349.12	1,345.78
27	1,342.94	1,342.96	1,343.01	1,343.04	1,343.05	1,343.11	1,343.26	1,343.31	1,343.47	1,343.33	1,348.84	1,345.72
28	1,342.94	1,342.94	1,343.00	1,343.03	1,343.07	1,343.10	1,343.27	1,343.30	1,343.44	1,343.81	1,348.59	1,345.67
29	1,342.94	1,342.96	1,342.99	1,343.04	---	1,343.10	1,343.26	1,343.29	1,343.45	1,344.56	1,348.38	1,345.66
30	1,342.95	1,342.96	1,343.00	1,343.01	---	1,343.10	1,343.31	1,343.53	1,343.41	1,346.64	1,348.20	1,345.61
31	1,342.95	---	1,343.00	1,343.01	---	1,343.12	---	1,344.03	---	1,351.93	1,348.03	---
Mean	---	1,342.96	1,342.98	1,343.01	1,343.03	1,343.12	1,343.21	1,343.42	1,343.79	1,343.64	1,352.90	1,346.48
Max	---	1,342.99	1,343.01	1,343.04	1,343.07	1,343.19	1,343.31	1,344.03	1,344.48	1,351.93	1,357.80	1,347.85
Min	---	1,342.94	1,342.94	1,342.99	1,343.00	1,343.07	1,343.11	1,343.29	1,343.41	1,343.07	1,348.03	1,345.61

375259097252901 Local number EB-142—Continued

