Water-Data Report 2009

374956097231601 Local number 07144200

High Plains aquifer
Undefined Aquifer

Sedgwick County, KS

LOCATION.--Lat 37°49′56″, long 97°23′16″ referenced to North American Datum of 1927, in SW ¼ SW ¼ NW ¼ sec.36, T.25 S., R.1 W., Sedgwick County, KS, Hydrologic Unit 11030012, on right bank at downstream side of county highway bridge, 0.5 mi west of Valley Center, and at mile 15.6 from mouth. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 50 ft. Upper casing diameter 2 in; top of first opening 40 ft, bottom of last opening 50 ft. Drilled, unused water-table well.

DATUM.--Land-surface datum is 1,346.85 ft above National Geodetic Vertical Datum of 1929. Measuring point: MP is top of 2-in PVC casing, 2.78 ft above land-surface datum, Oct. 28, 1993, to present.

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

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

REMARKS.--Records fair. Water level fluctuates with river stage.

EXTREMES FOR PERIOD OF RECORD.--Maximum water level 1,334.68 ft above NGVD of 1929, June 13, 1995; minimum, 1,327.38 ft above NGVD of 1929, Oct. 6, 2006.

EXTREMES FOR CURRENT YEAR.—Maximum water level, 1,333.68 ft, May 12; minimum water level, 1,328.48 ft, Mar. 22.

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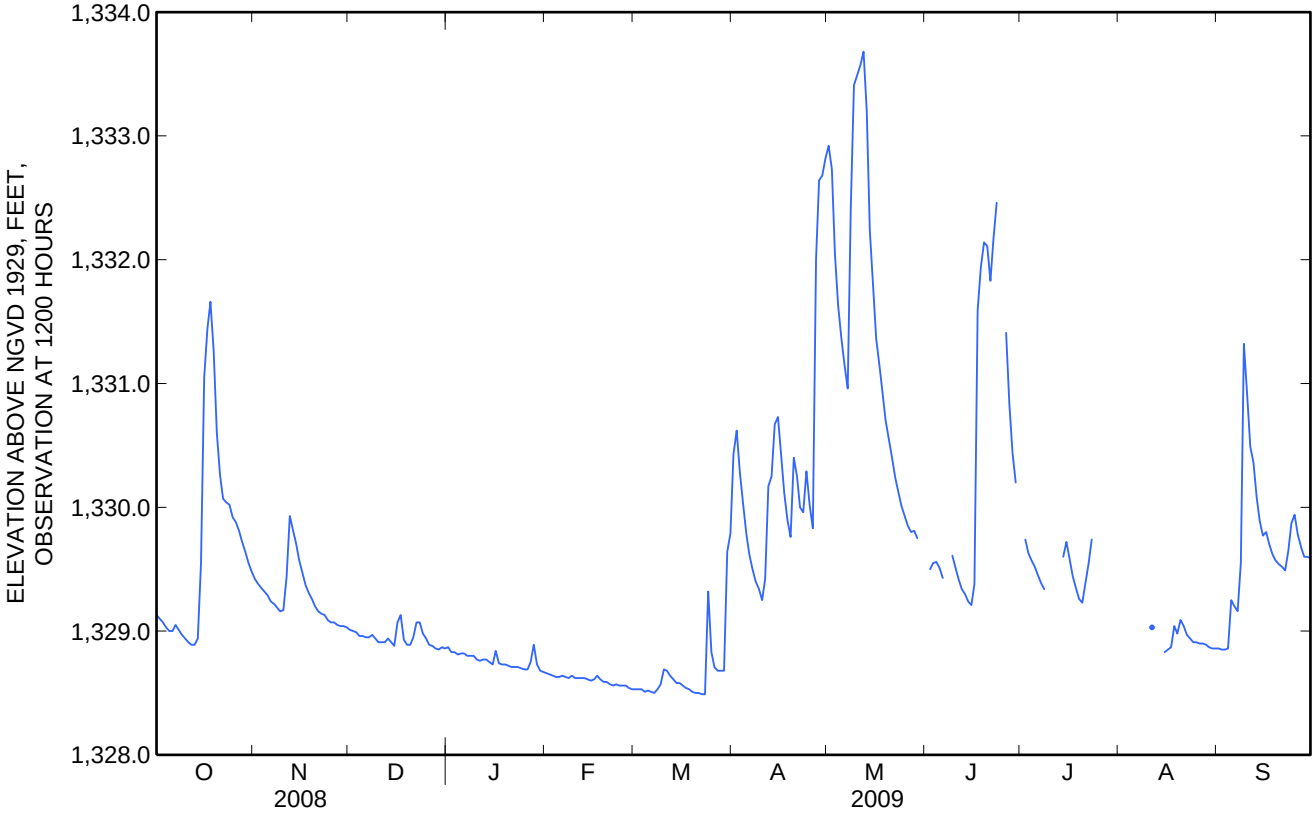
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY OBSERVATION AT 1200 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,329.13	1,329.42	1,329.01	1,328.87	1,328.66	1,328.53	1,330.43	1,332.92	---	---	---	1,328.86
2	1,329.10	1,329.38	1,329.00	1,328.83	1,328.65	1,328.53	1,330.62	1,332.73	1,329.50	1,329.74	---	1,328.85
3	1,329.07	1,329.35	1,328.99	1,328.83	1,328.64	1,328.53	1,330.28	1,332.05	1,329.55	1,329.63	---	1,328.85
4	1,329.03	1,329.32	1,328.96	1,328.81	1,328.63	1,328.51	1,330.03	1,331.63	1,329.56	1,329.57	---	1,328.86
5	1,329.00	1,329.29	1,328.96	1,328.82	1,328.63	1,328.52	1,329.79	1,331.37	1,329.51	1,329.52	---	1,329.25
6	1,329.00	1,329.24	1,328.95	1,328.82	1,328.64	1,328.51	1,329.62	1,331.15	1,329.43	1,329.45	---	1,329.20
7	1,329.05	1,329.22	1,328.95	1,328.80	1,328.63	1,328.50	1,329.50	1,330.96	---	1,329.39	---	1,329.16
8	1,329.01	1,329.19	1,328.97	1,328.80	1,328.62	1,328.53	1,329.40	1,332.41	---	1,329.34	---	1,329.55
9	1,328.97	1,329.16	1,328.94	1,328.80	1,328.64	1,328.57	1,329.34	1,333.41	1,329.61	---	---	1,331.32
10	1,328.94	1,329.17	1,328.91	1,328.77	1,328.62	1,328.69	1,329.25	1,333.49	1,329.51	---	---	1,330.92
11	1,328.91	1,329.44	1,328.91	1,328.76	1,328.62	1,328.68	1,329.42	1,333.57	1,329.42	---	1,329.03	1,330.49
12	1,328.89	1,329.93	1,328.91	1,328.77	1,328.62	1,328.64	1,330.17	1,333.68	1,329.34	---	---	1,330.36
13	1,328.89	1,329.82	1,328.94	1,328.77	1,328.62	1,328.61	1,330.25	1,333.20	1,329.30	---	---	1,330.08
14	1,328.94	1,329.71	1,328.91	1,328.75	1,328.61	1,328.58	1,330.67	1,332.24	1,329.24	1,329.60	---	1,329.89
15	1,329.55	1,329.57	1,328.88	1,328.73	1,328.60	1,328.58	1,330.73	1,331.80	1,329.21	1,329.72	1,328.83	1,329.77
16	1,331.05	1,329.47	1,329.07	1,328.84	1,328.61	1,328.56	1,330.42	1,331.36	1,329.38	1,329.58	1,328.85	1,329.80
17	1,331.44	1,329.37	1,329.13	1,328.74	1,328.64	1,328.54	1,330.12	1,331.15	1,331.59	1,329.44	1,328.87	1,329.70
18	1,331.66	1,329.31	1,328.93	1,328.73	1,328.61	1,328.53	1,329.90	1,330.92	1,331.94	1,329.35	1,329.04	1,329.62
19	1,331.27	1,329.26	1,328.89	1,328.73	1,328.59	1,328.51	1,329.76	1,330.70	1,332.14	1,329.26	1,328.98	1,329.57
20	1,330.60	1,329.20	1,328.89	1,328.72	1,328.59	1,328.50	1,330.40	1,330.55	1,332.11	1,329.23	1,329.09	1,329.54
21	1,330.26	1,329.16	1,328.95	1,328.71	1,328.57	1,328.50	1,330.25	1,330.40	1,331.83	1,329.39	1,329.04	1,329.52
22	1,330.07	1,329.14	1,329.07	1,328.71	1,328.56	1,328.49	1,330.00	1,330.24	1,332.17	1,329.55	1,328.97	1,329.49
23	1,330.04	1,329.13	1,329.07	1,328.71	1,328.57	1,328.49	1,329.96	1,330.12	1,332.46	1,329.74	1,328.94	1,329.65
24	1,330.02	1,329.09	1,328.98	1,328.70	1,328.56	1,329.32	1,330.29	1,330.01	---	---	1,328.91	1,329.87
25	1,329.92	1,329.07	1,328.94	1,328.69	1,328.56	1,328.83	1,330.02	1,329.93	---	---	1,328.91	1,329.94
26	1,329.88	1,329.07	1,328.89	1,328.69	1,328.56	1,328.71	1,329.83	1,329.85	1,331.41	---	1,328.90	1,329.78
27	1,329.81	1,329.05	1,328.88	1,328.75	1,328.54	1,328.68	1,332.00	1,329.80	1,330.84	---	1,328.90	1,329.68
28	1,329.72	1,329.04	1,328.86	1,328.89	1,328.53	1,328.68	1,332.64	1,329.81	1,330.44	---	1,328.89	1,329.60
29	1,329.64	1,329.04	1,328.85	1,328.73	---	1,328.68	1,332.68	1,329.75	1,330.20	---	1,328.87	1,329.60
30	1,329.55	1,329.03	1,328.87	1,328.68	---	1,329.64	1,332.82	---	---	---	1,328.86	1,329.59
31	1,329.48	---	1,328.86	1,328.67	---	1,329.79	---	---	---	---	1,328.86	---
Mean	1,329.67	1,329.29	1,328.95	1,328.76	1,328.60	1,328.68	1,330.35	---	---	---	---	1,329.68
Max	1,331.66	1,329.93	1,329.13	1,328.89	1,328.66	1,329.79	1,332.82	---	---	---	---	1,331.32
Min	1,328.89	1,329.03	1,328.85	1,328.67	1,328.53	1,328.49	1,329.25	---	---	---	---	1,328.85

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