Water-Data Report 2010

375642097385305 Local number 24S 03W 21DDAA05 IW-18C DEEP

High Plains aquifer
Pleistocene Series

Harvey County, KS

LOCATION.--Lat 37°56′42″, long 97°38′53″ referenced to North American Datum of 1927, in NE ¼ SE ¼ SE ¼ sec.21, T.24 S., R.3 W., Harvey County, KS, Hydrologic Unit 11030012, on the southwest corner of the road. Owner: City of Wichita.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 83.8 ft. Upper casing diameter 2 in; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 1,432.10 ft above North American Vertical Datum of 1988. Measuring point: MP is top of 2-in PVC casing, 1.50 ft above land-surface datum, April 20, 2004, to present.

PERIOD OF RECORD.--January 2006 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, 1,428.19 above NGVD of 1929, Jul 11, 2010; minimum, 1,420.93 above NGVD of 1929, Dec. 7, 2006.

EXTREMES FOR CURRENT YEAR.--Maximum water level, 1,428.19 ft, July 11; minimum water level, 1,423.52 ft, Jan. 18.

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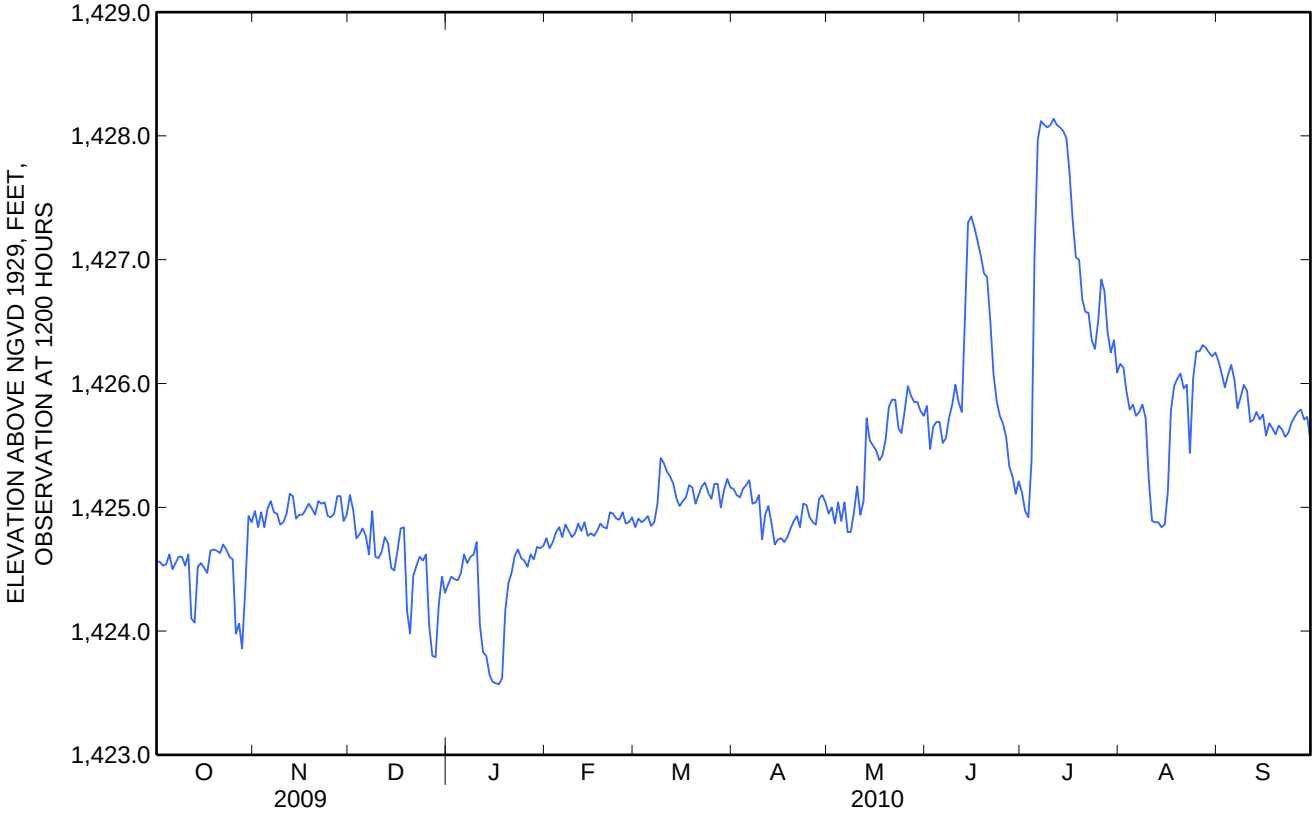
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY OBSERVATION AT 1200 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,424.56	1,424.97	1,425.10	1,424.38	1,424.75	1,424.84	1,425.15	1,424.95	1,425.82	1,425.12	1,426.16	1,426.18
2	1,424.56	1,424.84	1,424.98	1,424.44	1,424.67	1,424.91	1,425.10	1,425.00	1,425.47	1,424.97	1,426.13	1,426.08
3	1,424.53	1,424.96	1,424.75	1,424.42	1,424.72	1,424.88	1,425.08	1,424.87	1,425.65	1,424.92	1,425.93	1,425.97
4	1,424.54	1,424.84	1,424.78	1,424.41	1,424.80	1,424.90	1,425.15	1,425.04	1,425.69	1,425.38	1,425.79	1,426.07
5	1,424.62	1,424.99	1,424.83	1,424.47	1,424.84	1,424.93	1,425.18	1,424.89	1,425.69	1,427.06	1,425.83	1,426.15
6	1,424.50	1,425.05	1,424.77	1,424.62	1,424.76	1,424.85	1,425.22	1,425.04	1,425.52	1,427.97	1,425.74	1,426.03
7	1,424.55	1,424.96	1,424.62	1,424.55	1,424.86	1,424.88	1,425.03	1,424.80	1,425.56	1,428.12	1,425.77	1,425.80
8	1,424.60	1,424.95	1,424.97	1,424.60	1,424.81	1,425.03	1,425.04	1,424.80	1,425.72	1,428.09	1,425.83	1,425.89
9	1,424.60	1,424.86	1,424.60	1,424.62	1,424.76	1,425.40	1,425.10	1,424.96	1,425.83	1,428.07	1,425.72	1,425.99
10	1,424.53	1,424.88	1,424.59	1,424.72	1,424.79	1,425.36	1,424.74	1,425.17	1,425.99	1,428.09	1,425.22	1,425.94
11	1,424.62	1,424.95	1,424.64	1,424.05	1,424.87	1,425.29	1,424.94	1,424.94	1,425.85	1,428.14	1,424.89	1,425.69
12	1,424.10	1,425.11	1,424.76	1,423.83	1,424.81	1,425.25	1,425.01	1,425.05	1,425.77	1,428.09	1,424.88	1,425.71
13	1,424.07	1,425.09	1,424.71	1,423.80	1,424.88	1,425.19	1,424.87	1,425.72	1,426.55	1,428.07	1,424.88	1,425.77
14	1,424.52	1,424.91	1,424.51	1,423.65	1,424.77	1,425.07	1,424.70	1,425.54	1,427.30	1,428.04	1,424.84	1,425.71
15	1,424.55	1,424.94	1,424.49	1,423.59	1,424.79	1,425.01	1,424.74	1,425.50	1,427.35	1,427.98	1,424.86	1,425.75
16	1,424.51	1,424.94	1,424.65	1,423.58	1,424.77	1,425.05	1,424.75	1,425.46	1,427.26	1,427.71	1,425.13	1,425.58
17	1,424.47	1,424.98	1,424.83	1,423.57	1,424.81	1,425.08	1,424.72	1,425.38	1,427.15	1,427.32	1,425.78	1,425.68
18	1,424.65	1,425.03	1,424.84	1,423.62	1,424.87	1,425.18	1,424.76	1,425.42	1,427.03	1,427.02	1,425.98	1,425.64
19	1,424.66	1,424.99	1,424.16	1,424.17	1,424.84	1,425.16	1,424.83	1,425.55	1,426.89	1,427.00	1,426.04	1,425.59
20	1,424.65	1,424.94	1,423.98	1,424.39	1,424.83	1,425.03	1,424.89	1,425.81	1,426.86	1,426.68	1,426.08	1,425.66
21	1,424.63	1,425.05	1,424.45	1,424.47	1,424.96	1,425.10	1,424.93	1,425.87	1,426.51	1,426.58	1,425.96	1,425.63
22	1,424.70	1,425.03	1,424.53	1,424.61	1,424.95	1,425.17	1,424.84	1,425.87	1,426.08	1,426.57	1,425.99	1,425.57
23	1,424.66	1,425.04	1,424.60	1,424.66	1,424.91	1,425.20	1,425.03	1,425.64	1,425.86	1,426.35	1,425.44	1,425.60
24	1,424.60	1,424.93	1,424.57	1,424.59	1,424.90	1,425.12	1,425.02	1,425.60	1,425.74	1,426.28	1,426.04	1,425.68
25	1,424.58	1,424.92	1,424.62	1,424.57	1,424.96	1,425.07	1,424.92	1,425.78	1,425.68	1,426.50	1,426.26	1,425.73
26	1,423.98	1,424.95	1,424.05	1,424.52	1,424.87	1,425.19	1,424.88	1,425.98	1,425.57	1,426.84	1,426.26	1,425.77
27	1,424.06	1,425.09	1,423.80	1,424.62	1,424.88	1,425.19	1,424.86	1,425.90	1,425.33	1,426.75	1,426.31	1,425.79
28	1,423.86	1,425.09	1,423.79	1,424.58	1,424.92	1,425.00	1,425.07	1,425.85	1,425.25	1,426.42	1,426.29	1,425.71
29	1,424.35	1,424.89	1,424.21	1,424.68	---	1,425.14	1,425.10	1,425.85	1,425.11	1,426.25	1,426.25	1,425.73
30	1,424.93	1,424.94	1,424.44	1,424.67	---	1,425.23	1,425.04	1,425.78	1,425.21	1,426.35	1,426.22	1,425.54
31	1,424.88	---	1,424.31	1,424.69	---	1,425.16	---	1,425.74	---	1,426.09	1,426.25	---
Mean	1,424.50	1,424.97	1,424.55	1,424.33	1,424.83	1,425.09	1,424.96	1,425.41	1,426.04	1,426.93	1,425.77	1,425.79
Max	1,424.93	1,425.11	1,425.10	1,424.72	1,424.96	1,425.40	1,425.22	1,425.98	1,427.35	1,428.14	1,426.31	1,426.18
Min	1,423.86	1,424.84	1,423.79	1,423.57	1,424.67	1,424.84	1,424.70	1,424.80	1,425.11	1,424.92	1,424.84	1,425.54

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