Water-Data Report 2009

381541083341701 Local number (UF2)

Mississippian aquifers
Nancy Member of Borden Formation

Fleming County, KY

LOCATION.--Lat 38°15′41″, long 83°34′17″ referenced to North American Datum of 1927, Fleming County, KY, Hydrologic Unit 05100101, Plummers Landing quadrangle, on the west side of the Maxey Flats Site, 5 ft west of perimeter road. Owner: State of Kentucky.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 14.2 ft. Upper casing diameter 2.5 in; top of first opening 12.2 ft, bottom of last opening 14.2 ft.

DATUM.--Land-surface datum is 1,045.73 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.08 ft above land-surface datum, Oct. 28, 1999, to present.

PERIOD OF RECORD.--July 1985 to July 2009.

GAGE.--Continuous recorder 60 minute interval.

REMARKS.--Maxey Flats Project monitoring well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.20 ft below land-surface datum, Aug. 08, 1985; lowest measured, 11.69 ft below land-surface datum, Mar. 18, 2001.

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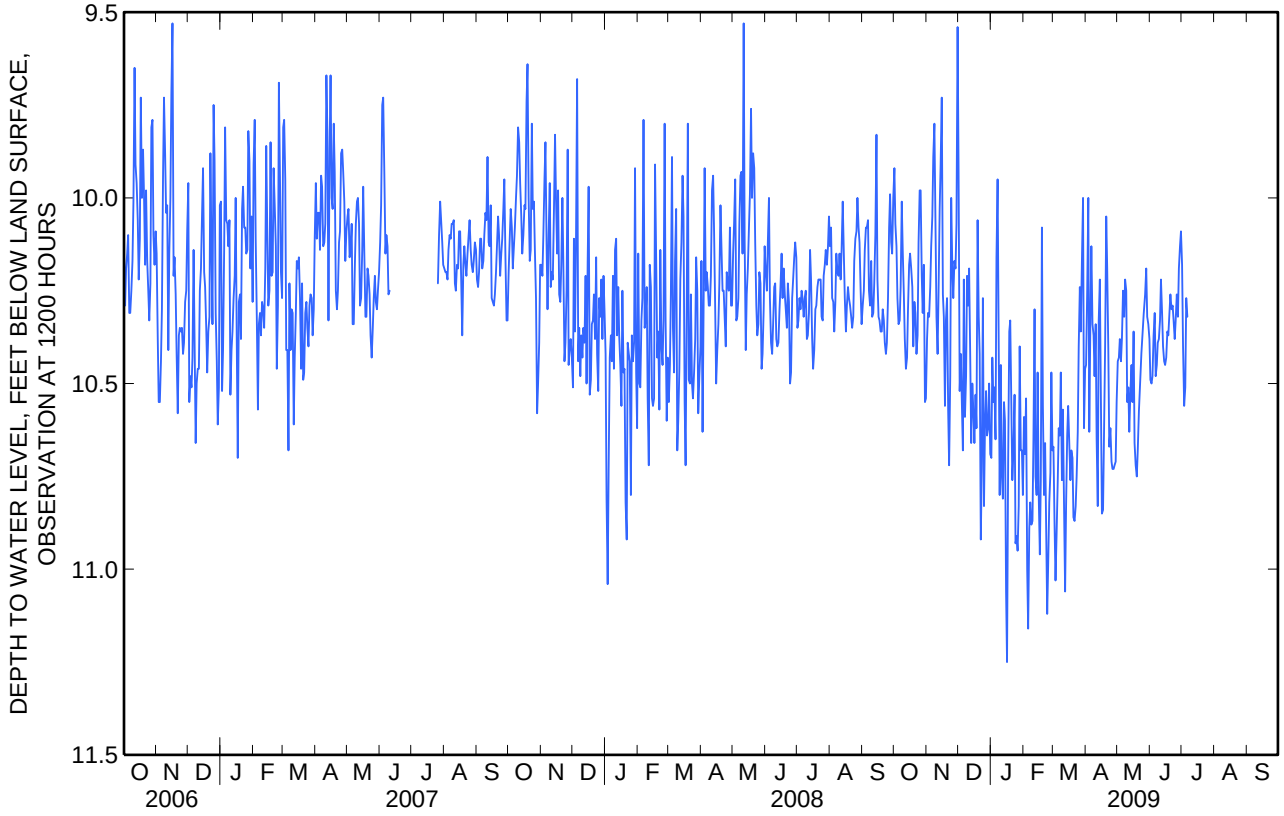
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY OBSERVATION AT 1200 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.92	10.38	9.92	10.70	10.59	10.67	10.45	10.44	10.49	10.18	---	---
2	10.07	10.31	10.52	10.43	10.69	10.88	10.25	10.43	10.50	10.40	---	---
3	10.13	10.32	10.42	10.55	10.54	11.03	10.00	10.38	10.48	10.56	---	---
4	10.27	10.24	10.54	10.51	11.00	10.90	10.63	10.44	10.37	10.51	---	---
5	10.34	10.13	10.68	10.65	11.16	10.76	10.33	10.38	10.31	10.27	---	---
6	10.33	10.05	10.22	10.16	10.89	10.62	10.13	10.25	10.48	10.32	---	---
7	10.24	9.89	10.59	9.95	10.82	10.64	10.34	10.32	10.45	---	---	---
8	10.01	9.80	10.48	10.40	10.88	10.47	10.37	10.22	10.39	---	---	---
9	10.14	10.04	10.21	10.80	10.87	10.76	10.48	10.25	10.38	---	---	---
10	10.26	10.32	10.29	10.45	10.65	10.57	10.34	10.55	10.33	---	---	---
11	10.38	10.42	10.19	10.74	10.30	10.82	10.65	10.51	10.22	---	---	---
12	10.46	10.25	10.43	10.81	10.75	11.06	10.83	10.63	10.31	---	---	---
13	10.43	10.03	10.66	10.55	10.80	10.83	10.33	10.52	10.40	---	---	---
14	10.30	9.91	10.50	10.60	10.47	10.64	10.22	10.45	10.44	---	---	---
15	10.18	9.73	10.58	11.06	10.80	10.56	10.56	10.55	10.45	---	---	---
16	10.15	10.26	10.66	11.25	10.96	10.66	10.85	10.36	10.43	---	---	---
17	10.19	10.32	10.53	10.71	10.76	10.76	10.84	10.66	10.36	---	---	---
18	10.24	10.56	10.62	10.36	10.08	10.68	10.64	10.72	10.37	---	---	---
19	10.40	10.33	10.06	10.33	10.56	10.70	10.40	10.75	10.31	---	---	---
20	10.28	10.27	10.32	10.56	10.80	10.86	10.05	10.68	10.26	---	---	---
21	10.31	10.57	10.42	10.76	10.66	10.87	10.19	10.60	10.30	---	---	---
22	10.42	10.72	10.92	10.68	10.87	10.83	10.41	10.50	10.29	---	---	---
23	10.37	10.48	10.73	10.53	11.12	10.75	10.67	10.44	10.33	---	---	---
24	10.12	10.00	10.27	10.93	10.99	10.63	10.62	10.38	10.38	---	---	---
25	9.98	10.19	10.83	10.91	10.82	10.40	10.71	10.35	10.33	---	---	---
26	9.98	10.27	10.62	10.95	10.74	10.24	10.73	10.30	10.26	---	---	---
27	10.21	10.17	10.52	10.83	10.47	10.36	10.73	10.26	10.32	---	---	---
28	10.31	10.19	10.64	10.40	10.68	10.17	10.72	10.19	10.19	---	---	---
29	10.18	10.07	10.62	10.68	---	10.00	10.71	10.32	10.13	---	---	---
30	10.55	9.54	10.50	10.68	---	10.62	10.55	10.34	10.09	---	---	---
31	10.54	---	10.69	10.80	---	10.46	---	10.38	---	---	---	---
Max	10.55	10.72	10.92	11.25	11.16	11.06	10.85	10.75	10.50	10.56	---	---
Min	9.92	9.54	9.92	9.95	10.08	10.00	10.00	10.19	10.09	10.18	---	---

	Water Year 2009
High	9.54
Low	11.25

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