GROUND-WATER-LEVEL AND GROUND-WATER-QUALITY STATION RECORDS

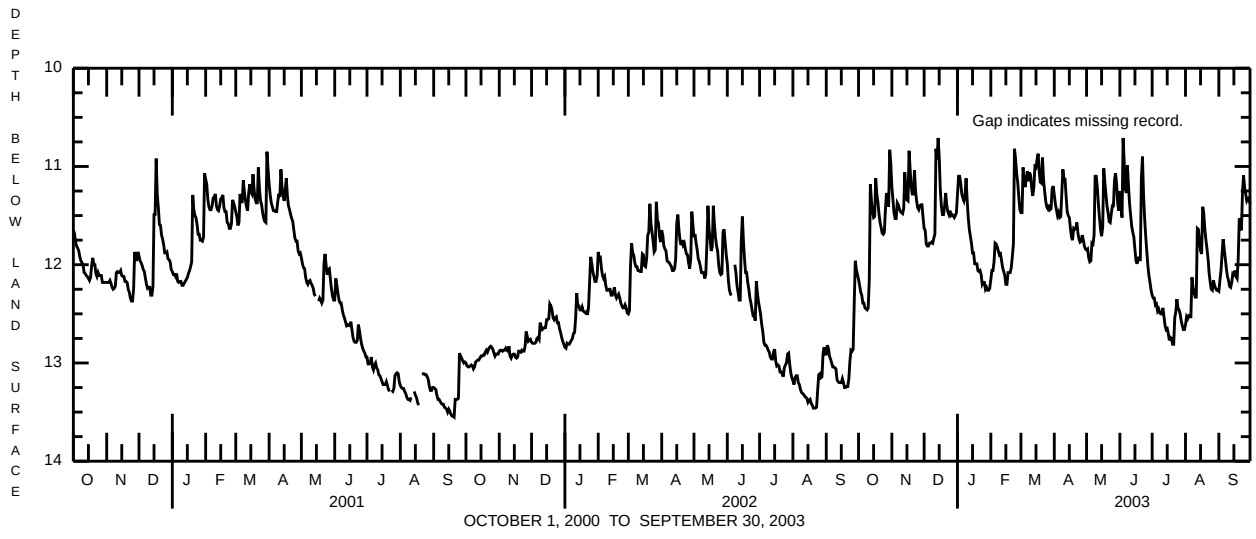
ADAMS COUNTY

395846077040601. Local number, AD 146.

LOCATION.--Lat 39°58'46", long 77°04'06", Hydrologic Unit 02050306, at State Game Land No. 249, and near York Springs.
Owner: U.S. Geological Survey.
AQUIFER.--Gettysburg Formation, Late Triassic age.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 100 ft, cased to 17 ft, open hole.
INSTRUMENTATION.--Data collection platform with 60-minute recording interval. Satellite telemetry at station.
DATUM.--Elevation of land surface is 540 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 2.00 ft above land-surface datum.
REMARKS.--Well shows significant response to earth tides. Water-quality records for 1973-75 are available in files of the District Office. In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since October 1994, are also available from the District Office.
PERIOD OF RECORD.--January 1968 to current year.
EXTREMES FOR PERIOD OF RECORD.--Prior to October 2000, the extremes shown were based on extremes of the daily maximum depth below land-surface datum. Since that date, the extremes are based on the instantaneous depth below land-surface datum.
Highest water level, 9.75 ft below land-surface datum, Mar. 20, 2003; lowest, 14.02 ft below land-surface datum, July 16-18, 1988.
EXTREMES FOR CURRENT YEAR.--Highest water level, 9.75 ft below land-surface datum, Mar. 20; lowest, 12.81 ft below land-surface datum, July 20, 21.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.15	11.21	11.63	11.29	12.15	11.47	11.29	11.85	11.25	12.31	12.61	12.27
2	12.21	11.34	11.65	11.10	12.06	11.47	11.38	11.84	11.43	12.34	12.53	12.16
3	12.28	11.47	11.79	11.10	12.06	11.01	11.44	11.93	11.52	12.34	12.55	12.06
4	12.31	11.53	11.81	11.17	11.97	11.16	11.50	11.97	10.71	12.41	12.52	11.89
5	12.39	11.53	11.81	11.28	11.78	11.21	11.47	11.96	10.95	12.40	12.53	11.74
6	12.39	11.37	11.78	11.32	11.79	11.11	11.52	11.78	11.23	12.47	12.53	11.84
7	12.44	11.39	11.78	11.35	11.82	11.05	11.51	11.79	11.27	12.45	12.13	11.94
8	12.45	11.43	11.77	11.29	11.86	11.15	11.27	11.70	10.99	12.49	12.23	12.04
9	12.46	11.46	11.78	11.12	11.90	11.06	11.03	11.10	11.20	12.50	12.28	12.12
10	12.44	11.47	11.73	11.34	11.89	11.09	11.13	11.10	11.38	12.50	12.33	12.16
11	12.15	11.48	11.69	11.52	11.96	11.22	11.13	11.21	11.50	12.44	12.33	12.22
12	11.18	11.43	10.82	11.64	12.03	11.30	11.30	11.38	11.61	12.53	11.63	12.23
13	11.35	11.06	10.93	11.71	12.07	11.21	11.46	11.52	11.67	12.62	11.64	12.18
14	11.46	11.22	10.71	11.78	12.11	11.00	11.50	11.64	11.72	12.66	11.77	12.09
15	11.52	11.34	10.90	11.88	12.20	11.01	11.52	11.71	11.85	12.65	11.86	12.10
16	11.51	11.35	11.23	11.88	12.20	10.93	11.63	11.62	11.96	12.70	11.89	12.06
17	11.12	10.84	11.40	11.99	12.08	10.87	11.72	11.02	11.99	12.77	11.41	12.12
18	11.28	11.03	11.49	11.99	12.08	11.05	11.75	11.16	11.92	12.74	11.48	12.14
19	11.36	11.21	11.49	11.99	12.08	11.16	11.63	11.28	11.95	12.75	11.64	11.94
20	11.48	11.28	11.41	12.06	12.03	11.17	11.64	11.40	11.95	12.81	11.75	11.53
21	11.57	11.28	11.27	12.07	11.92	10.91	11.63	11.47	11.11	12.81	11.84	11.61
22	11.62	11.04	11.39	12.06	11.79	11.13	11.57	11.56	10.90	12.54	11.94	11.65
23	11.68	11.25	11.46	12.10	10.82	11.25	11.68	11.57	11.29	12.48	12.09	11.26
24	11.69	11.35	11.49	12.20	10.92	11.35	11.74	11.48	11.53	12.35	12.18	11.09
25	11.67	11.42	11.45	12.18	11.07	11.41	11.77	11.40	11.71	12.44	12.25	11.22
26	11.44	11.44	11.50	12.18	11.16	11.43	11.76	11.40	11.86	12.46	12.26	11.28
27	11.27	11.40	11.49	12.25	11.31	11.39	11.70	11.14	12.01	12.50	12.16	11.35
28	11.35	11.39	11.50	12.23	11.44	11.44	11.75	11.07	12.11	12.57	12.21	11.33
29	11.41	11.39	11.52	12.26	---	11.43	11.81	11.19	12.18	12.62	12.24	11.32
30	10.83	11.52	11.50	12.26	---	11.23	11.84	11.38	12.26	12.66	12.26	11.38
31	10.97	---	11.47	12.24	---	11.20	---	11.45	---	12.66	12.26	---
MEAN	11.72	11.33	11.47	11.77	11.81	11.19	11.54	11.49	11.57	12.55	12.11	11.81
MAX	12.46	11.53	11.81	12.26	12.20	11.47	11.84	11.97	12.26	12.81	12.61	12.27
MIN	10.83	10.84	10.71	11.10	10.82	10.87	11.03	11.02	10.71	12.31	11.41	11.09



OCTOBER 1, 2000 TO SEPTEMBER 30, 2003