

BEDFORD COUNTY

400217078281901. Local number, BD 150.

LOCATION.--Lat 40°02'17", long 78°28'19", Hydrologic Unit 02050303, at Bedford.

Owner: U.S. Geological Survey.

AQUIFER.--Onondaga Formation, Middle Devonian age.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in., depth 150 ft, cased to 47 ft, open hole.

INSTRUMENTATION.--Electronic data logger with 60-minute recording interval.

DATUM.--Elevation of land surface is 1,160 ft above sea level, from topographic map. Measuring point: Top of casing, 3.1 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since June 1999, are also available from the District Office.

PERIOD OF RECORD.--July 1965 to current year.

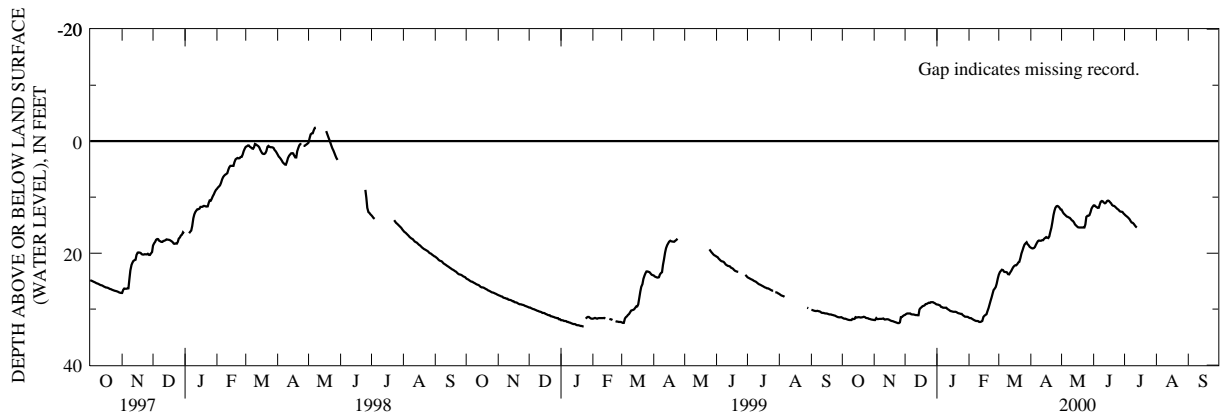
EXTREMES FOR PERIOD OF RECORD.--The extremes shown are extremes of the daily maximum depth below land surface for the period of record indicated above.

Highest water level, 2.42 ft above land-surface datum, May 8, 1998 (may have been higher May 9-17, 1998); lowest, 41.42 ft below land-surface datum, Feb. 12, 13, 1966.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.54	31.95	31.02	29.18	31.52	23.84	19.03	12.23	11.49	13.08	---	---
2	31.63	31.93	30.89	29.19	31.60	23.36	19.11	12.65	11.46	13.26	---	---
3	31.71	31.61	30.79	29.27	31.60	23.18	19.15	12.91	11.68	13.41	---	---
4	31.71	31.77	30.77	29.33	31.74	22.96	19.10	13.11	11.80	13.56	---	---
5	31.77	31.78	30.77	29.61	31.84	23.03	18.92	13.29	11.93	13.75	---	---
6	31.85	31.74	30.79	29.63	31.93	23.30	18.54	13.45	11.88	13.98	---	---
7	31.92	31.75	30.90	29.74	32.04	23.36	18.14	13.54	11.30	14.30	---	---
8	31.94	31.73	30.95	29.76	32.11	23.37	17.84	13.63	10.84	14.51	---	---
9	31.93	31.70	30.95	29.74	32.11	23.44	17.76	13.70	10.67	14.58	---	---
10	31.93	31.68	30.98	29.74	32.14	23.76	17.79	13.96	10.77	14.76	---	---
11	31.72	31.83	31.04	29.96	32.28	23.77	17.79	14.16	10.97	15.02	---	---
12	31.77	31.83	31.05	30.04	32.28	23.46	17.68	14.26	11.11	15.27	---	---
13	31.74	31.79	31.09	30.21	32.22	23.18	17.68	14.54	11.01	15.40	---	---
14	31.44	31.82	31.09	30.34	32.10	22.81	17.43	14.86	10.70	---	---	---
15	31.49	31.83	30.07	30.35	31.41	22.52	17.26	15.09	10.62	---	---	---
16	31.47	31.93	29.82	30.42	31.18	22.29	17.14	15.24	10.69	---	---	---
17	31.42	32.05	29.64	30.48	31.04	22.18	17.24	15.38	10.94	---	---	---
18	31.46	32.12	29.48	30.48	30.90	22.18	17.30	15.41	11.11	---	---	---
19	31.50	32.15	29.41	30.46	30.38	21.92	17.02	15.41	11.39	---	---	---
20	31.46	32.21	29.31	30.54	29.78	21.65	16.29	15.41	11.53	---	---	---
21	31.43	32.28	29.11	30.67	29.18	21.56	15.44	15.41	11.57	---	---	---
22	31.37	32.37	29.05	30.73	28.56	20.84	14.48	15.41	11.70	---	---	---
23	31.42	32.41	28.97	30.79	27.88	20.09	13.19	15.41	11.92	---	---	---
24	31.57	32.49	28.87	30.85	27.21	19.46	12.44	14.86	12.08	---	---	---
25	31.59	32.49	28.89	30.84	26.60	18.93	11.88	13.54	12.24	---	---	---
26	31.62	32.37	28.77	31.05	26.31	18.46	11.61	13.32	12.44	---	---	---
27	31.75	31.44	28.75	31.20	26.03	18.24	11.58	13.32	12.58	---	---	---
28	31.77	31.39	28.75	31.32	25.47	18.05	11.69	13.22	12.60	---	---	---
29	31.83	31.22	28.85	31.36	24.50	18.39	11.91	12.68	12.65	---	---	---
30	31.89	31.09	28.95	31.36	---	18.61	12.18	12.06	12.88	---	---	---
31	31.92	---	29.11	31.40	---	18.89	---	11.74	---	---	---	---
MEAN	31.66	31.89	29.96	30.32	30.14	21.65	16.15	13.97	11.55	14.22	---	---
MAX	31.94	32.49	31.09	31.40	32.28	23.84	19.15	15.41	12.88	15.40	---	---
MIN	31.37	31.09	28.75	29.18	24.50	18.05	11.58	11.74	10.62	13.08	---	---

WTR YR 2000: HIGHEST RECORDED 10.62, JUNE 15; LOWEST RECORDED 32.49, NOVEMBER 24, 25.



3-YEAR HYDROGRAPH
OCTOBER 1, 1997 TO SEPTEMBER 30, 2000