

## BEDFORD COUNTY

400450078303001. Local number, BD 654.

**LOCATION.**--Lat 40°04'50", long 78°30'30", Hydrologic Unit 02050303, at Bedford County Airport 3.0 mi north of Bedford.

Owner: Bedford Township.

**AQUIFER.**--Bloomsburg and Mifflintown undifferentiated.**WELL CHARACTERISTICS.**--Drilled observation well, diameter 6 in., depth 245 ft, cased to 105 ft, open hole.**INSTRUMENTATION.**--Electronic data logger with 60-minute recording interval.**DATUM.**--Elevation of land surface is 1,190 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 3.05 ft above land-surface datum.**REMARKS.**--In addition to the daily mean water level table shown below, daily maximum and minimum water levels are also available from the USGS Pennsylvania Water Science Center.**PERIOD OF RECORD.**--October 1999 to October 2005. (Discontinued)**EXTREMES FOR PERIOD OF RECORD.**--The extremes shown are extremes of the instantaneous depth below land surface for the period of record indicated above.

Highest water level, 49.85 ft below land-surface datum, June 9, 2003; lowest, 84.89 ft below land-surface datum, Nov. 24, 25, 2001.

**EXTREMES FOR CURRENT YEAR.**--Highest water level, 52.89 ft below land-surface datum, Jan. 16; lowest, 80.95 ft below land-surface datum, Sept. 29.DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	56.37	66.12	58.68	65.16	64.08	60.10	53.63	68.45	73.86	78.02	75.62	77.98
2	56.48	66.61	57.79	65.71	64.67	60.31	53.38	68.77	74.02	78.20	75.84	77.74
3	56.87	67.15	57.06	66.14	65.19	60.58	53.09	69.10	74.16	78.37	76.08	77.64
4	57.33	67.52	56.79	66.53	65.75	60.89	53.07	69.47	74.29	78.50	76.35	77.64
5	58.03	67.59	56.89	66.42	66.25	61.26	53.29	69.82	74.41	78.61	76.62	77.70
6	58.82	67.75	57.15	64.27	66.64	61.64	53.59	70.13	74.55	78.76	76.89	77.80
7	59.69	67.93	57.33	61.58	66.90	61.74	54.07	70.42	74.69	78.90	77.16	77.90
8	60.50	68.30	57.23	59.23	67.00	61.64	54.74	70.80	74.83	78.68	77.38	78.03
9	61.25	68.67	57.08	57.32	66.59	61.74	55.50	71.15	74.99	78.06	77.38	78.21
10	62.05	68.99	56.52	56.06	65.42	61.79	56.19	71.48	75.16	77.53	77.36	78.43
11	62.82	69.29	55.53	55.46	64.03	61.87	56.92	71.85	75.26	77.08	77.39	78.67
12	63.50	69.47	54.84	54.55	63.00	62.10	57.65	72.23	75.30	76.79	77.46	78.85
13	64.12	68.91	54.49	53.59	62.68	62.53	58.39	72.56	75.33	76.64	77.56	79.02
14	64.40	68.35	54.60	53.19	62.46	62.98	59.29	72.81	75.41	76.65	77.70	79.21
15	64.60	68.06	54.99	53.01	61.63	63.45	60.20	73.08	75.52	76.76	77.90	79.44
16	64.73	67.89	55.38	52.91	60.53	63.89	61.00	73.37	75.66	76.87	77.98	79.63
17	64.98	67.86	55.85	53.14	59.79	64.30	61.68	73.64	75.83	76.96	77.80	79.73
18	65.29	67.95	56.40	53.68	59.37	64.77	62.36	73.88	76.00	76.89	77.71	79.82
19	65.27	68.16	57.02	54.16	59.28	65.25	63.03	74.10	76.19	76.42	77.70	79.93
20	65.04	68.26	57.94	54.81	59.40	65.68	63.65	74.13	76.37	75.86	77.75	80.01
21	64.83	67.82	58.83	55.59	59.43	66.17	64.29	73.86	76.51	75.35	77.83	80.11
22	64.66	67.22	59.70	56.22	59.53	66.64	64.87	73.64	76.70	75.05	77.92	80.22
23	64.53	66.79	60.41	57.06	59.54	66.68	65.18	73.49	76.89	74.99	78.06	80.34
24	64.42	66.27	61.05	57.89	59.56	65.15	65.50	73.35	77.01	75.10	78.24	80.47
25	64.25	65.06	61.54	58.65	59.64	62.85	65.90	73.27	77.15	75.13	78.41	80.58
26	64.14	63.79	61.97	59.44	59.83	60.96	66.35	73.29	77.32	74.99	78.55	80.65
27	64.13	62.71	62.55	60.49	60.04	59.54	66.79	73.40	77.47	74.90	78.70	80.79
28	64.28	61.73	63.06	61.37	60.07	57.91	67.30	73.53	77.62	74.95	78.72	80.88
29	64.51	60.63	63.52	62.06	---	55.98	67.73	73.59	77.76	75.06	78.60	80.92
30	64.92	59.62	64.10	62.69	---	54.57	68.09	73.64	77.90	75.23	78.50	80.90
31	65.52	---	64.60	63.43	---	53.84	---	73.72	---	75.42	78.25	---
MEAN	62.66	66.75	58.42	58.77	62.44	61.90	60.22	72.26	75.81	76.67	77.59	79.31
MAX	65.52	69.47	64.60	66.53	67.00	66.68	68.09	74.13	77.90	78.90	78.72	80.92
MIN	56.37	59.62	54.49	52.91	59.28	53.84	53.07	68.45	73.86	74.90	75.62	77.64

BEDFORD COUNTY

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DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	80.86	---	---	---	---	---	---	---	---	---	---	---
2	80.88	---	---	---	---	---	---	---	---	---	---	---
3	80.89	---	---	---	---	---	---	---	---	---	---	---
4	80.92	---	---	---	---	---	---	---	---	---	---	---
5	80.97	---	---	---	---	---	---	---	---	---	---	---
6	81.07	---	---	---	---	---	---	---	---	---	---	---
7	80.86	---	---	---	---	---	---	---	---	---	---	---
8	79.34	---	---	---	---	---	---	---	---	---	---	---
9	77.13	---	---	---	---	---	---	---	---	---	---	---
10	75.02	---	---	---	---	---	---	---	---	---	---	---
11	73.86	---	---	---	---	---	---	---	---	---	---	---
12	73.31	---	---	---	---	---	---	---	---	---	---	---
13	73.03	---	---	---	---	---	---	---	---	---	---	---
14	72.92	---	---	---	---	---	---	---	---	---	---	---
15	72.96	---	---	---	---	---	---	---	---	---	---	---
16	73.29	---	---	---	---	---	---	---	---	---	---	---
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31	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	77.33	---	---	---	---	---	---	---	---	---	---	---
MAX	81.07	---	---	---	---	---	---	---	---	---	---	---
MIN	72.92	---	---	---	---	---	---	---	---	---	---	---

