

HUNTINGDON COUNTY

401843078075401. Local number, HU 301.

LOCATION.--Lat 40°18'43", long 78°07'54", Hydrologic Unit 02050303, at Trough Creek State Park, and near Newburg.

Owner: U.S. Geological Survey.

AQUIFER.--Pocono Formation, Early Mississippian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 105 ft, cased to 18 ft, open hole.

INSTRUMENTATION.--Data collection platform with 60-minute recording interval. Satellite telemetry at station.

DATUM.--Elevation of land surface is 970 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of instrument shelf, 3.63 ft above land-surface datum.

REMARKS.--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.--August 1969 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, 48.82 ft below land-surface datum, June 23, 1972; lowest, 55.96 ft below land-surface datum, Aug. 28, 30, 1981.

EXTREMES FOR CURRENT YEAR.--Highest water level, 51.15 ft below land-surface datum, June 9; lowest, 54.45 ft below land-surface datum, Oct. 10.

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	54.28	53.06	53.63	53.28	53.51	52.71	52.31	53.13	52.09	53.42	54.06	53.66
2	54.30	53.10	53.70	52.74	53.59	52.71	52.30	53.13	52.23	53.42	53.93	53.60
3	54.33	53.43	53.92	52.38	53.61	52.87	52.28	53.28	52.23	53.46	53.79	53.60
4	54.32	53.59	53.92	52.24	53.55	52.88	52.28	53.31	52.44	53.61	53.41	53.31
5	54.44	53.59	53.82	52.26	53.63	52.83	52.23	53.26	51.72	53.64	53.29	53.30
6	---	53.55	53.74	52.31	53.66	52.76	52.28	53.18	51.61	53.76	53.32	53.31
7	---	53.61	53.77	52.39	53.55	52.66	52.18	53.15	51.54	53.67	53.33	53.30
8	---	53.64	53.83	52.28	---	52.51	52.09	53.17	51.28	53.68	53.36	53.34
9	---	53.64	53.90	52.36	---	52.31	52.02	53.26	51.31	53.69	53.32	53.44
10	---	53.61	53.83	52.56	---	52.30	51.95	53.14	51.45	53.78	53.01	53.47
11	54.44	53.68	53.76	52.71	---	52.28	51.84	52.78	51.55	53.65	52.70	53.49
12	54.22	53.75	53.62	52.82	---	52.27	51.93	52.51	51.76	53.72	52.69	53.50
13	54.04	53.55	53.52	52.83	53.78	52.22	52.07	52.50	51.91	53.83	52.74	53.51
14	54.05	53.41	53.13	52.92	53.81	52.14	52.10	52.56	52.05	53.89	52.81	53.50
15	53.93	53.40	53.05	53.06	53.95	52.02	52.11	52.63	52.29	53.80	52.83	53.49
16	53.79	53.39	52.96	53.06	53.95	51.90	52.13	52.51	52.41	53.84	52.85	53.53
17	53.57	53.34	53.01	53.14	53.81	51.74	52.45	52.19	52.53	53.86	52.93	53.58
18	53.55	53.17	53.01	53.14	53.71	51.59	52.49	52.01	52.44	53.84	53.03	53.59
19	53.54	53.16	52.98	---	53.73	51.69	52.53	51.93	52.47	53.84	53.19	53.34
20	53.58	53.09	52.81	---	53.72	51.65	52.53	51.83	52.62	53.82	53.22	52.95
21	53.62	53.07	52.77	---	53.66	51.35	52.49	51.83	52.56	53.79	53.29	52.84
22	53.66	53.05	52.80	---	53.52	51.36	52.55	51.90	52.59	53.83	53.31	52.71
23	53.78	53.18	52.85	53.15	53.17	51.45	52.68	51.97	52.73	53.88	53.51	52.45
24	53.81	53.27	52.94	53.15	53.06	51.56	52.79	51.90	52.84	53.95	53.64	52.07
25	53.82	53.35	52.80	53.08	52.86	51.66	52.76	51.98	52.92	54.10	53.61	52.04
26	53.65	53.49	53.08	53.13	52.82	51.85	52.84	52.06	52.96	54.10	53.62	52.09
27	53.54	53.42	53.13	53.30	52.69	52.04	52.95	52.02	53.07	54.06	53.53	52.12
28	53.47	53.46	53.12	53.29	52.71	52.12	52.99	51.90	53.22	54.07	53.58	52.04
29	53.46	53.37	53.30	53.45	---	52.22	53.03	51.82	53.36	54.12	53.58	51.95
30	53.29	53.45	53.32	53.54	---	52.24	53.16	51.96	53.41	54.18	53.65	52.04
31	53.18	---	53.29	53.54	---	52.31	---	51.95	---	54.19	53.68	---
MEAN	53.83	53.40	53.33	52.89	53.48	52.14	52.41	52.48	52.32	53.82	53.32	53.04
MAX	54.44	53.75	53.92	53.54	53.95	52.88	53.16	53.31	53.41	54.19	54.06	53.66
MIN	53.18	53.05	52.77	52.24	52.69	51.35	51.84	51.82	51.28	53.42	52.69	51.95

