

Water-Data Report 2011

410940074583401 Local number PI 200

Valley and Ridge aquifers
Trimmers Rock Formation

Pike County, PA

LOCATION.--Lat 41°09'41.1", long 74°58'34.3" referenced to North American Datum of 1983, Pike County, PA, Hydrologic Unit 02040104, located at Pocono Mountain Lake Estates, Pa.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 799 ft. Upper casing diameter 8 in; top of first opening 86 ft, bottom of last opening 799 ft. Drilled unused well, cased to 86 ft, open hole.

DATUM.--Land-surface datum is 1,180 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of plywood shelf, 3.27 ft above land-surface datum, Oct. 1983 to present. Elevation of land surface is from map.

PERIOD OF RECORD.--July 1981 to current year.

GAGE.--Electronic data logger with 30-minute recording interval.

COOPERATION.--Site maintained in cooperation with the Pennsylvania Department of Environmental Protection and the U.S. Geological Survey.

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 USGS Pennsylvania Water Science Center Office.

EXTREMES FOR PERIOD OF RECORD.--Prior to October 2000, the extremes 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, 24.30 ft below land-surface datum, Jun 1, 1984; lowest recorded, 98.67 ft below land-surface datum, Sep 10, 26-30, Oct 1, 1998.

EXTREMES FOR CURRENT YEAR.--Highest water level, 40.09 ft below land surface datum, Dec. 7; lowest water level, 86.14 ft below land surface datum, Oct. 1.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	86.14	63.69	50.54	55.22	69.88	63.77	45.66	63.99	64.22	69.07	73.46	59.47
2	80.51	63.76	48.08	56.26	70.23	63.01	44.35	64.21	67.38	68.69	73.66	59.60
3	76.36	63.97	44.98	56.97	70.53	62.84	43.67	63.75	69.42	69.70	74.26	60.37
4	73.91	64.08	42.86	56.97	70.57	62.94	43.08	63.94	70.99	71.67	73.53	62.21
5	---	59.87	41.99	---	70.58	62.95	43.27	64.12	72.16	72.70	75.16	63.12
6	---	56.32	41.82	---	71.58	62.85	43.37	64.46	73.01	73.49	75.61	63.22
7	58.75	54.26	41.68	56.10	72.00	61.94	43.73	64.94	73.78	73.74	75.76	61.95
8	54.97	53.30	42.29	56.41	72.03	60.73	43.48	65.43	73.87	73.85	72.61	61.36
9	54.28	51.76	43.25	57.48	71.60	60.30	42.30	66.04	74.30	72.39	73.95	57.84
10	55.46	51.10	43.90	57.57	71.85	60.25	42.25	66.18	75.03	69.63	74.01	57.18
11	57.48	49.50	44.65	57.23	72.17	59.65	43.75	66.64	75.74	67.72	70.60	58.22
12	58.27	48.72	45.12	56.68	72.44	58.91	48.11	66.97	76.08	67.66	68.98	58.98
13	59.06	47.67	45.76	57.07	72.63	59.31	48.59	67.26	76.29	---	70.66	60.16
14	60.05	49.53	45.87	57.19	72.50	59.96	48.60	67.78	76.15	---	70.87	61.54
15	61.72	49.86	45.56	57.45	72.44	60.64	48.75	68.24	70.14	67.07	69.89	62.80
16	61.42	49.20	45.68	58.49	72.41	61.29	45.49	68.49	72.70	67.87	68.40	63.84
17	61.20	---	45.83	59.42	72.25	61.86	43.30	68.51	73.98	68.29	64.32	65.07
18	58.22	---	46.19	59.42	72.03	61.87	43.09	---	74.05	68.49	63.95	65.21
19	57.70	47.09	47.58	59.04	71.19	62.01	47.07	---	72.63	70.07	64.43	65.52
20	57.68	47.01	47.62	58.75	63.84	62.31	49.77	64.60	72.62	71.85	62.94	65.97
21	57.97	48.23	47.61	58.59	64.43	62.63	51.92	63.07	71.42	72.97	56.97	66.10
22	58.24	48.41	46.99	58.67	65.57	62.13	54.20	61.46	71.68	73.93	53.30	65.53
23	59.73	46.76	48.71	58.43	66.14	62.25	56.32	61.96	71.85	76.39	50.69	64.16
24	61.74	48.39	49.03	58.97	66.38	62.40	58.86	62.43	72.00	76.39	49.86	57.29
25	63.46	48.89	49.22	58.43	65.93	62.99	60.35	63.05	71.32	75.47	---	59.08
26	65.85	50.47	50.64	58.00	65.14	62.96	61.82	63.64	71.11	74.20	---	59.10
27	66.96	51.21	52.04	62.52	64.32	63.11	63.40	65.16	71.57	73.02	57.54	60.56
28	66.99	51.38	52.52	64.88	64.27	58.94	63.66	66.52	70.50	72.11	57.76	60.56
29	66.21	52.05	53.10	66.71	---	53.00	63.66	67.73	67.61	72.22	54.66	55.57
30	62.54	52.04	53.42	68.45	---	51.52	63.03	67.81	68.59	72.14	54.96	52.44
31	63.02	---	54.27	69.30	---	47.90	---	62.01	---	73.19	57.95	---
Mean	62.96	52.45	47.06	59.20	69.53	60.62	49.96	65.19	72.07	71.59	65.89	61.13
Max	86.14	64.08	54.27	69.30	72.63	63.77	63.66	68.51	76.29	76.39	75.76	66.10
Min	54.28	46.76	41.68	55.22	63.84	47.90	42.25	61.46	64.22	67.07	49.86	52.44

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