

CLEARFIELD COUNTY

410627078313601. Local number, CF 321.

LOCATION.--Lat 41°06'27", long 78°31'36", Hydrologic Unit 02050201, at S. B. Elliott State Park.

Owner: U.S. Geological Survey.

AQUIFER.--Burgoon Member of Pocono Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 150 ft, cased to 26 ft, open hole.

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

DATUM.--Elevation of land surface is 2,160 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 2.40 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.--September 2001 to current year.

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, 15.56 ft below land-surface datum, Sept. 18, 2004; lowest, 34.66 ft below land-surface datum, Sept. 21, 22, 2001.

EXTREMES FOR CURRENT YEAR.--Highest water level, 15.56 ft below land-surface datum, Sept. 18; lowest recorded, 24.56 ft below land-surface datum, July 11, 12.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.00	22.97	21.08	21.16	23.86	23.75	20.78	20.58	21.44	23.89	21.18	23.19
2	21.11	23.01	21.22	20.91	23.94	23.64	20.84	20.66	---	23.95	21.03	23.31
3	21.22	23.01	21.20	20.49	23.85	23.34	20.89	20.81	---	24.03	21.01	23.38
4	21.25	23.03	21.10	20.09	23.95	22.74	20.89	20.97	---	24.15	21.17	23.43
5	21.33	23.07	21.72	19.48	24.03	21.79	21.02	21.12	---	24.18	21.36	23.46
6	21.42	23.05	22.09	19.00	23.89	21.49	21.15	21.27	---	24.23	21.53	23.50
7	21.50	23.02	22.19	18.74	23.87	20.46	21.22	21.39	---	24.34	21.71	23.54
8	21.76	23.07	22.31	19.10	24.00	19.86	21.47	21.52	---	24.38	21.94	23.66
9	22.19	23.08	22.39	19.66	24.17	19.81	21.88	21.59	---	24.44	22.28	22.85
10	22.26	23.12	22.39	19.85	24.12	19.97	21.98	21.73	---	24.49	22.48	21.38
11	22.41	23.05	22.26	19.98	24.09	20.02	22.20	21.90	---	24.55	22.70	20.67
12	22.53	23.08	21.77	20.15	24.06	20.07	22.42	22.00	---	24.54	22.84	20.44
13	22.73	23.00	21.30	20.36	24.03	21.04	22.16	22.08	---	24.34	22.94	20.50
14	22.87	23.05	20.92	20.55	23.98	21.38	21.35	22.15	---	24.00	23.10	20.75
15	22.82	23.20	20.81	20.74	24.02	21.62	20.74	22.30	22.79	23.88	23.21	20.99
16	22.71	23.23	20.95	21.08	24.06	21.70	20.43	22.41	22.71	23.97	23.32	21.48
17	22.46	23.24	21.00	21.36	24.04	21.90	20.33	22.53	22.53	23.92	23.41	20.70
18	22.28	23.25	21.13	21.52	24.01	22.23	20.40	22.33	22.46	23.88	23.48	18.19
19	22.26	22.81	21.32	21.83	23.95	22.39	20.54	22.20	22.39	23.86	23.59	19.15
20	22.33	21.46	21.56	22.19	23.91	22.45	20.78	21.82	22.46	23.86	23.63	19.04
21	22.31	20.53	21.82	22.38	23.85	22.24	20.90	21.14	22.48	23.87	23.61	19.16
22	22.72	20.18	21.97	22.47	23.95	21.93	21.05	20.25	22.49	23.95	23.54	19.41
23	22.86	20.08	22.09	22.58	23.92	21.74	21.17	19.61	22.75	23.96	23.45	19.72
24	23.11	20.09	22.06	22.87	23.81	21.63	21.25	19.43	22.96	23.95	23.44	20.04
25	23.29	20.29	21.69	23.28	23.81	21.61	21.24	19.54	23.08	23.85	23.44	20.37
26	23.37	20.46	21.35	23.72	23.83	21.36	21.06	19.66	23.20	23.71	23.45	20.72
27	23.39	20.61	21.24	23.68	23.81	20.87	20.68	19.81	23.36	23.34	23.49	21.03
28	23.10	20.75	21.17	23.72	23.81	20.79	20.54	20.22	23.43	22.68	23.52	21.29
29	22.81	20.92	21.11	23.82	23.79	20.74	20.47	20.61	23.60	22.05	23.65	21.59
30	22.90	21.05	21.08	23.84	---	20.71	20.48	21.01	23.80	21.62	23.39	21.86
31	22.95	---	21.15	23.96	---	20.75	---	21.18	---	21.32	23.22	---
MEAN	22.36	22.16	21.53	21.44	23.95	21.48	21.08	21.16	22.82	23.78	22.78	21.29
MAX	23.39	23.25	22.39	23.96	24.17	23.75	22.42	22.53	23.80	24.55	23.65	23.66
MIN	21.00	20.08	20.81	18.74	23.79	19.81	20.33	19.43	21.44	21.32	21.01	18.19

