

LACKAWANNA COUNTY

413346075421301. Local number, LK 508.

LOCATION.--Lat 41°33'46", long 75°42'13", Hydrologic Unit 02050106, at Lackawanna State Park, near Dalton.

Owner: U.S. Geological Survey.

AQUIFER.--Quaternary System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 202 ft, cased to 90 ft, open hole.

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

DATUM.--Elevation of land surface is 1,000 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 3.84 ft above land-surface datum.

REMARKS.--Water levels affected by pumping. 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.

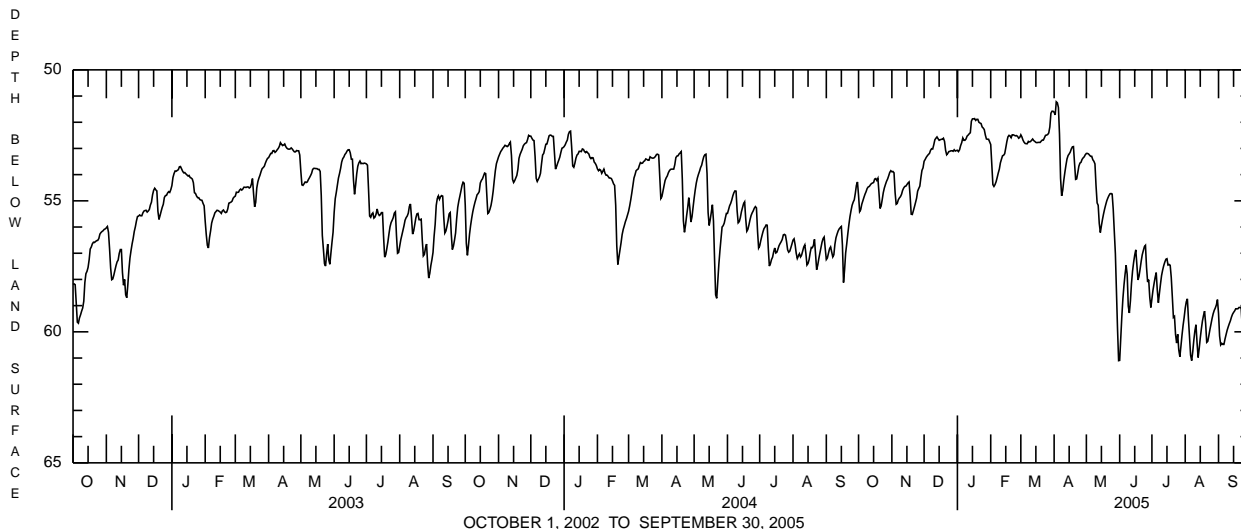
EXTREMES FOR PERIOD OF RECORD.--The extremes shown are extremes of the instantaneous depth below land surface for the period of record indicated above.

Highest water level, 51.15 ft below land-surface datum, Apr. 3, 2005; lowest, 62.96 ft below land-surface datum, Oct. 24, 2001.

EXTREMES FOR CURRENT YEAR.--Highest water level, 51.15 ft below land-surface datum, Apr. 3; lowest, 61.42 ft below land-surface datum, May 31.

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	54.80	53.89	53.49	53.07	52.85	52.48	51.62	53.19	61.09	58.74	59.10	59.30
2	55.41	53.88	53.42	53.12	53.60	52.56	51.72	53.19	60.25	58.41	58.85	60.16
3	55.34	53.93	53.34	53.05	54.38	52.68	51.22	53.21	59.43	58.16	58.74	60.50
4	55.13	54.68	53.28	52.89	54.45	52.76	51.26	53.26	58.73	57.92	59.52	60.44
5	55.00	55.13	53.23	52.78	54.38	52.81	51.44	53.30	58.22	57.74	60.19	60.48
6	54.87	55.10	53.19	52.60	54.27	52.82	52.45	53.30	57.81	58.40	60.89	60.48
7	54.75	54.96	53.07	52.69	54.11	52.82	54.14	53.43	57.46	58.89	61.10	60.28
8	54.65	54.89	53.01	52.69	53.94	52.73	54.81	53.49	57.81	58.52	60.76	60.11
9	54.53	54.84	53.02	52.64	53.79	52.75	54.60	53.59	59.02	58.17	60.32	59.94
10	54.47	54.75	52.86	52.53	53.55	52.74	54.22	54.42	59.28	57.85	59.96	59.81
11	54.45	54.60	52.67	52.49	53.41	52.69	53.91	55.08	58.82	57.64	59.73	59.69
12	54.39	54.51	52.61	52.44	53.28	52.64	53.64	55.17	58.15	57.47	60.41	59.58
13	54.34	54.45	52.56	52.40	53.26	52.70	53.40	55.86	57.68	57.34	60.98	59.44
14	54.32	54.44	52.63	51.96	53.20	52.73	53.27	56.21	57.34	57.23	60.64	59.33
15	54.30	54.38	52.69	51.87	52.98	52.77	53.21	55.95	57.07	57.21	60.24	59.26
16	54.17	54.32	52.67	51.87	52.74	52.78	53.14	55.71	56.87	57.45	59.89	59.20
17	54.15	54.28	52.65	51.86	52.56	52.77	53.02	55.50	57.44	57.43	59.59	59.12
18	54.22	54.82	52.65	51.93	52.50	52.77	52.94	55.31	58.02	57.46	59.38	59.12
19	54.14	55.51	52.61	51.89	52.52	52.77	52.93	55.15	57.88	57.92	59.21	59.12
20	54.68	55.52	52.73	51.89	52.59	52.72	53.56	55.00	57.61	58.66	59.69	59.07
21	55.29	55.38	53.07	52.00	52.48	52.68	54.18	54.89	57.31	59.45	60.40	59.07
22	55.20	55.23	53.24	52.03	52.48	52.68	54.16	54.80	57.06	59.41	60.36	59.06
23	54.96	55.07	53.19	52.05	52.50	52.59	53.93	54.73	56.90	60.10	60.14	59.78
24	54.69	54.90	53.12	52.18	52.52	52.50	53.68	54.72	56.75	60.43	59.91	60.52
25	54.51	54.63	53.11	52.22	52.51	52.49	53.56	54.74	56.70	60.09	59.70	60.49
26	54.38	54.53	53.09	52.28	52.54	52.47	53.53	55.32	57.54	60.69	59.49	60.24
27	54.26	54.44	53.09	52.49	52.61	52.41	53.42	56.17	58.10	60.95	59.31	60.02
28	54.17	54.12	53.11	52.64	52.58	52.18	53.36	57.02	58.01	60.55	59.18	59.91
29	54.05	53.84	53.05	52.65	---	51.66	53.32	58.46	58.68	60.13	59.09	59.77
30	53.92	53.74	53.10	52.65	---	51.58	53.24	59.88	59.07	59.76	58.97	60.45
31	53.85	---	53.08	52.75	---	51.58	---	61.10	---	59.45	58.77	---
MEAN	54.56	54.63	52.99	52.41	53.16	52.56	53.23	55.20	58.07	58.70	59.82	59.79
MAX	55.41	55.52	53.49	53.12	54.45	52.82	54.81	61.10	61.09	60.95	61.10	60.52
MIN	53.85	53.74	52.56	51.86	52.48	51.58	51.22	53.19	56.70	57.21	58.74	59.06



OCTOBER 1, 2002 TO SEPTEMBER 30, 2005