Water-Data Report 2009

405531074361901 Local number 270027 Berkshire Valley 9 Obs NJ Permit Number 25-22024

Sand and gravel aquifers (glaciated regions)
Stratified Drift

Morris County, NJ

LOCATION.--Lat 40°55′31″, long 74°36′19″ referenced to North American Datum of 1927, Jefferson Township, Morris County, NJ, Hydrologic Unit 02030103, about 1,000 ft east of the intersection of Lower Berkshire Valley Rd. and Minnisink Rd.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 98 ft. Upper casing diameter 6 in; top of first opening 78 ft, bottom of last opening 98 ft. Drilled observation well.

DATUM.--Land-surface datum is 725.64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.25 ft above land-surface datum, Apr 12, 1982, to present.

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

GAGE.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, April 1985 to March 2008. Periodic measurements, November 1981 to March 1985.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.89 ft below land surface, Aug 13, 2000; lowest, 14.01 ft below land surface, Aug 13, 1999.

EXTREMES FOR CURRENT YEAR.--Highest water level, 10.80 ft below land surface datum, Dec 13; lowest water level, 13.03 ft below land surface datum, Oct 23, 24, 25.

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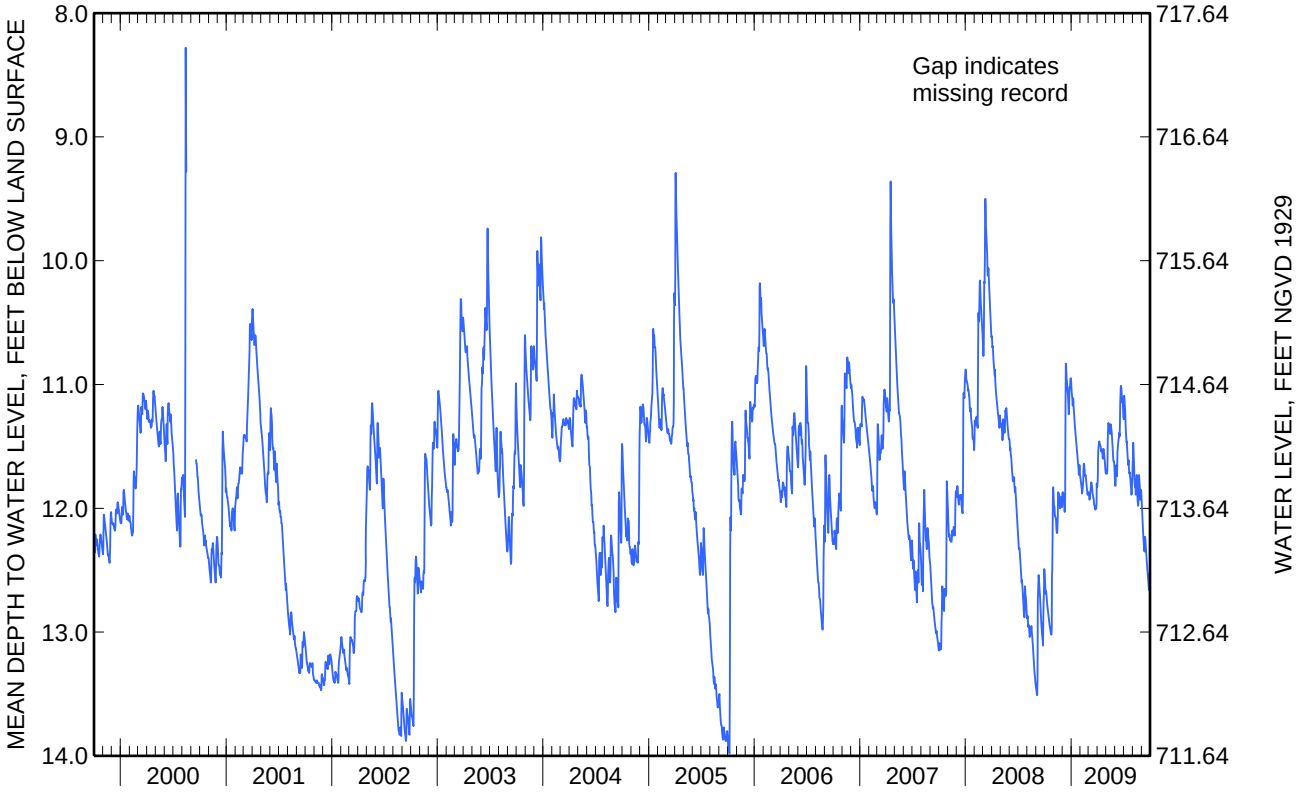
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12.54	11.92	11.88	11.02	11.75	11.89	11.82	11.72	11.79	11.28	11.67	11.93
2	12.59	11.98	11.87	11.03	11.77	11.87	11.77	11.69	11.82	11.11	11.60	11.98
3	12.64	11.98	11.87	11.08	11.78	11.89	11.69	11.71	11.81	11.09	11.47	12.03
4	12.69	12.01	11.88	11.11	11.81	11.91	11.55	11.72	11.69	11.13	11.52	12.08
5	12.68	12.06	11.89	11.14	11.82	11.93	11.51	11.70	11.67	11.17	11.60	12.14
6	12.67	12.06	11.91	11.17	11.85	11.92	11.48	11.66	11.65	11.21	11.67	12.19
7	12.70	12.07	11.95	11.11	11.88	11.89	11.46	11.45	11.69	11.27	11.74	12.23
8	12.72	12.08	12.01	11.12	11.87	11.86	11.46	11.36	11.74	11.33	11.80	12.27
9	12.75	12.10	12.03	11.18	11.84	11.83	11.48	11.31	11.60	11.40	11.83	12.30
10	12.79	12.14	11.98	11.22	11.81	11.81	11.49	11.32	11.52	11.44	11.82	12.34
11	12.81	12.18	11.85	11.25	11.77	11.79	11.49	11.34	11.50	11.47	11.85	12.35
12	12.84	12.20	11.17	11.29	11.69	11.80	11.50	11.35	11.47	11.46	11.89	12.26
13	12.86	12.20	10.83	11.32	11.64	11.83	11.52	11.37	11.46	11.51	11.85	12.23
14	12.87	12.14	10.85	11.36	11.64	11.84	11.54	11.38	11.42	11.55	11.76	12.25
15	12.89	12.05	10.91	11.40	11.67	11.86	11.52	11.40	11.41	11.60	11.73	12.29
16	12.90	11.90	10.97	11.42	11.70	11.89	11.53	11.40	11.39	11.63	11.78	12.34
17	12.92	11.87	10.99	11.46	11.73	11.90	11.53	11.32	11.42	11.65	11.85	12.36
18	12.94	11.88	11.02	11.47	11.74	11.92	11.55	11.33	11.32	11.61	11.92	12.38
19	12.97	11.90	11.05	11.49	11.73	11.92	11.59	11.34	11.14	11.67	11.96	12.43
20	12.98	11.89	11.09	11.52	11.75	11.94	11.60	11.37	11.08	11.71	11.98	12.47
21	12.99	11.93	11.12	11.55	11.78	11.97	11.54	11.40	11.02	11.72	11.94	12.50
22	13.01	11.97	11.17	11.58	11.79	11.98	11.52	11.44	11.01	11.71	11.78	12.54
23	13.02	12.00	11.24	11.60	11.81	11.99	11.53	11.48	11.03	11.74	11.73	12.56
24	13.02	11.98	11.21	11.63	11.85	12.01	11.56	11.52	11.07	11.76	11.76	12.59
25	12.97	11.91	11.06	11.65	11.87	12.01	11.58	11.56	11.10	11.80	11.80	12.62
26	12.57	11.91	11.02	11.69	11.89	12.01	11.60	11.60	11.13	11.83	11.84	12.66
27	12.50	11.93	11.03	11.73	11.88	11.98	11.63	11.62	11.15	11.84	11.90	12.56
28	12.27	11.95	11.00	11.70	11.88	12.00	11.66	11.62	11.14	11.89	11.93	12.53
29	11.91	11.99	10.95	11.65	---	11.95	11.70	11.63	11.19	11.88	11.86	12.55
30	11.83	11.99	10.95	11.68	---	11.80	11.72	11.68	11.25	11.79	11.85	12.58
31	11.85	---	10.97	11.72	---	11.83	---	11.74	---	11.73	11.88	---
Mean	12.70	12.01	11.35	11.40	11.79	11.90	11.57	11.50	11.39	11.55	11.79	12.35
Max	13.02	12.20	12.03	11.73	11.89	12.01	11.82	11.74	11.82	11.89	11.98	12.66
Min	11.83	11.87	10.83	11.02	11.64	11.79	11.46	11.31	11.01	11.09	11.47	11.93

	Water Year 2009
Mean	11.77
High	10.83
Low	13.02

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