Water-Data Report 2009

410207074270001 Local number 270028 Green Pond 5 Obs

Sand and gravel aquifers (glaciated regions)
Stratified Drift

Morris County, NJ

LOCATION.--Lat 41°02′07″, long 74°27′00″ referenced to North American Datum of 1927, Rockaway Township, Morris County, NJ, Hydrologic Unit 02030103, about 500 ft east of County Rt. 513 and 1.1 mi south of the intersection with Rt. 23.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 120 ft. Upper casing diameter 6 in; top of first opening 80 ft, bottom of last opening 120 ft. Drilled observation well.

DATUM.--Land-surface datum is 758.56 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.93 ft above land-surface datum, Jun 6, 2001, to present.

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

GAGE.--Data collection platform with satellite telemetry--60 minute recording interval. Water-level recorder, November 1981 to June 2001.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.35 ft below land surface, Apr 5, 1984; lowest, 7.24 ft below land surface, Sep 2-4, 1993.

EXTREMES FOR CURRENT YEAR.--Highest water level, 3.16 ft below land surface datum, Dec 12; lowest water level, 5.47 ft below land surface datum, Oct 23, 24, 25.

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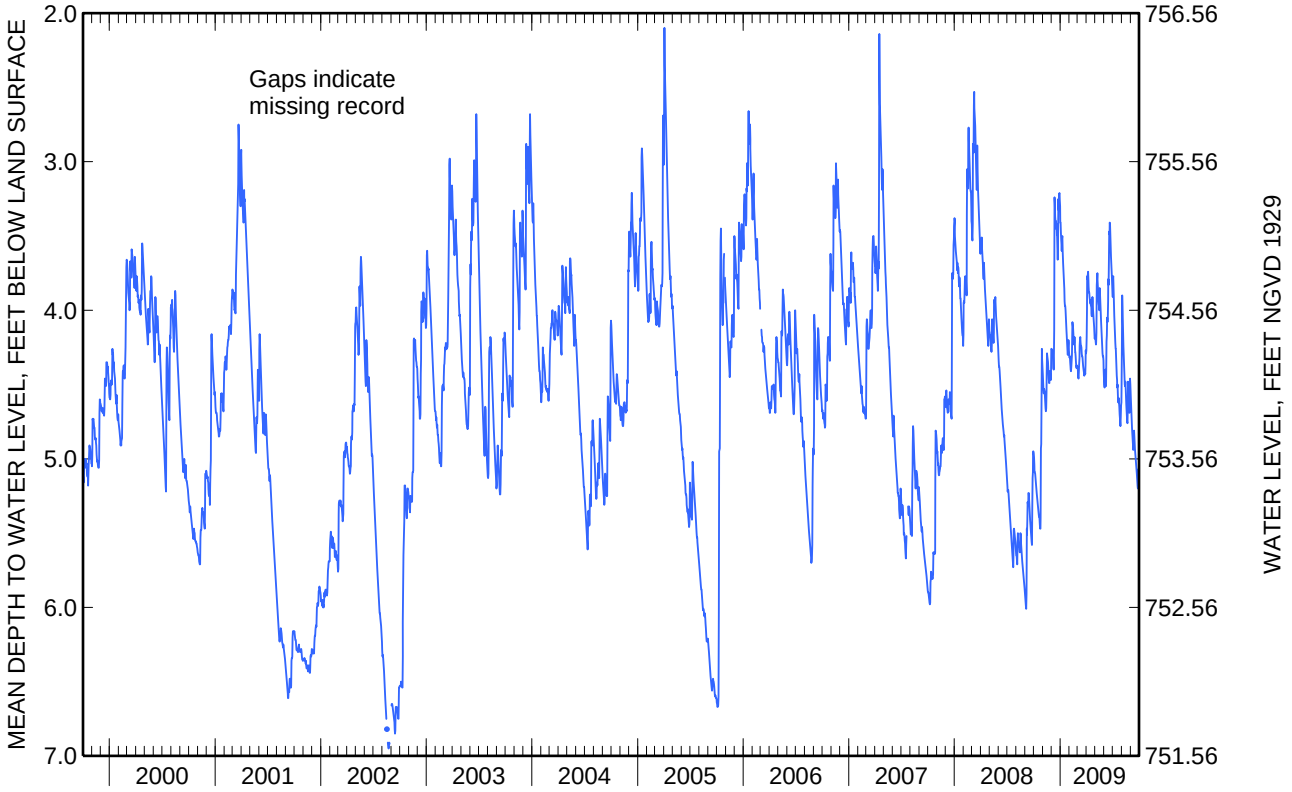
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.96	4.40	4.26	3.41	4.30	4.39	4.27	4.18	4.46	3.91	4.52	4.56
2	4.99	4.48	4.26	3.41	4.32	4.38	4.18	4.18	4.50	3.79	4.26	4.61
3	5.04	4.51	4.27	3.48	4.31	4.43	3.99	4.21	4.52	3.77	3.90	4.65
4	5.09	4.54	4.27	3.53	4.35	4.45	3.77	4.23	4.44	3.85	3.98	4.69
5	5.09	4.56	4.30	3.56	4.38	4.46	3.79	4.22	4.43	3.94	4.06	4.75
6	5.10	4.53	4.30	3.60	4.40	4.42	3.76	4.15	4.40	4.00	4.15	4.81
7	5.12	4.54	4.31	3.52	4.41	4.36	3.74	3.83	4.46	4.06	4.23	4.84
8	5.13	4.55	4.39	3.50	4.38	4.32	3.80	3.79	4.51	4.10	4.31	4.86
9	5.15	4.58	4.40	3.60	4.34	4.24	3.84	3.75	4.31	4.17	4.35	4.90
10	5.20	4.62	4.33	3.66	4.30	4.20	3.88	3.80	4.21	4.22	4.38	4.94
11	5.24	4.66	4.13	3.68	4.22	4.18	3.88	3.85	4.17	4.26	4.44	4.92
12	5.26	4.68	3.24	3.75	4.08	4.22	3.91	3.90	4.05	4.26	4.50	4.83
13	5.27	4.66	3.28	3.77	4.10	4.24	3.93	3.95	4.08	4.32	4.51	4.81
14	5.28	4.55	3.37	3.83	4.12	4.24	3.95	3.96	4.05	4.38	4.48	4.85
15	5.30	4.43	3.40	3.88	4.16	4.25	3.93	3.98	3.94	4.44	4.53	4.89
16	5.31	4.29	3.45	3.94	4.19	4.29	3.96	4.00	3.79	4.47	4.57	4.94
17	5.34	4.31	3.40	3.97	4.23	4.31	3.97	3.85	3.83	4.52	4.62	4.96
18	5.37	4.33	3.42	3.97	4.22	4.31	3.98	3.88	3.66	4.50	4.67	4.97
19	5.39	4.35	3.42	4.00	4.18	4.32	4.02	3.94	3.47	4.57	4.71	5.01
20	5.39	4.36	3.49	4.04	4.22	4.35	4.04	3.98	3.49	4.62	4.75	5.05
21	5.40	4.41	3.49	4.09	4.28	4.38	3.96	4.03	3.41	4.61	4.76	5.07
22	5.44	4.46	3.58	4.13	4.28	4.39	3.91	4.07	3.42	4.59	4.65	5.09
23	5.47	4.49	3.66	4.15	4.31	4.41	3.94	4.13	3.50	4.62	4.48	5.11
24	5.47	4.49	3.56	4.20	4.35	4.43	4.00	4.16	3.58	4.65	4.51	5.14
25	5.40	4.41	3.25	4.24	4.38	4.44	4.02	4.21	3.63	4.70	4.56	5.18
26	4.93	4.41	3.31	4.27	4.39	4.43	4.05	4.27	3.67	4.73	4.60	5.20
27	4.90	4.43	3.33	4.30	4.37	4.41	4.09	4.29	3.70	4.75	4.67	5.09
28	4.59	4.43	3.22	4.24	4.39	4.43	4.12	4.31	3.75	4.78	4.69	5.07
29	4.26	4.47	3.21	4.20	---	4.36	4.17	4.31	3.81	4.72	4.55	5.10
30	4.32	4.44	3.26	4.22	---	4.27	4.19	4.34	3.86	4.64	4.46	5.15
31	4.36	---	3.30	4.27	---	4.29	---	4.40	---	4.62	4.50	---
Mean	5.11	4.48	3.71	3.88	4.28	4.34	3.97	4.07	3.97	4.37	4.46	4.93
Max	5.47	4.68	4.40	4.30	4.41	4.46	4.27	4.40	4.52	4.78	4.76	5.20
Min	4.26	4.29	3.21	3.41	4.08	4.18	3.74	3.75	3.41	3.77	3.90	4.56

	Water Year 2009
Mean	4.30
High	3.21
Low	5.47

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