Water-Data Report 2010

395229074571201 Local number 070117 Hutton Hill 1 Obs NJ Permit Number 31-04897

Northern Atlantic Coastal Plain aquifer system
Magothy-Raritan-Potomac Aquifer System, Upper Aquifer

Camden County, NJ

LOCATION.--Lat 39°52′29″, long 74°57′12″ referenced to North American Datum of 1927, Cherry Hill Township, Camden County, NJ, Hydrologic Unit 02040202, about 800 ft northeast of intersection of Kresson Rd. and Cropwell Rd.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 562 ft. Upper casing diameter 6 in; top of first opening 552 ft, bottom of last opening 562 ft. Drilled artesian well.

DATUM.--Land-surface datum is 157.61 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 1.60 ft above land-surface datum, Dec 20, 1984, to present.

PERIOD OF RECORD.--Aug 1967 to current year.

GAGE.--Water-level recorder--60-minute recording interval. Water-level extremes recorder, February 1977 to December 1984. Periodic measurements, April 1975 to February 1977. Water-level recorder, August 1967 to April 1975.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 200.77 ft below land surface, Mar 23, 1968; lowest, 266.26 ft below land surface, Sep 9, 1995.

EXTREMES FOR CURRENT YEAR.--Highest water level, 205.72 ft below land surface datum, Apr 26; lowest water level, 233.75 ft below land surface datum, Jul 9.

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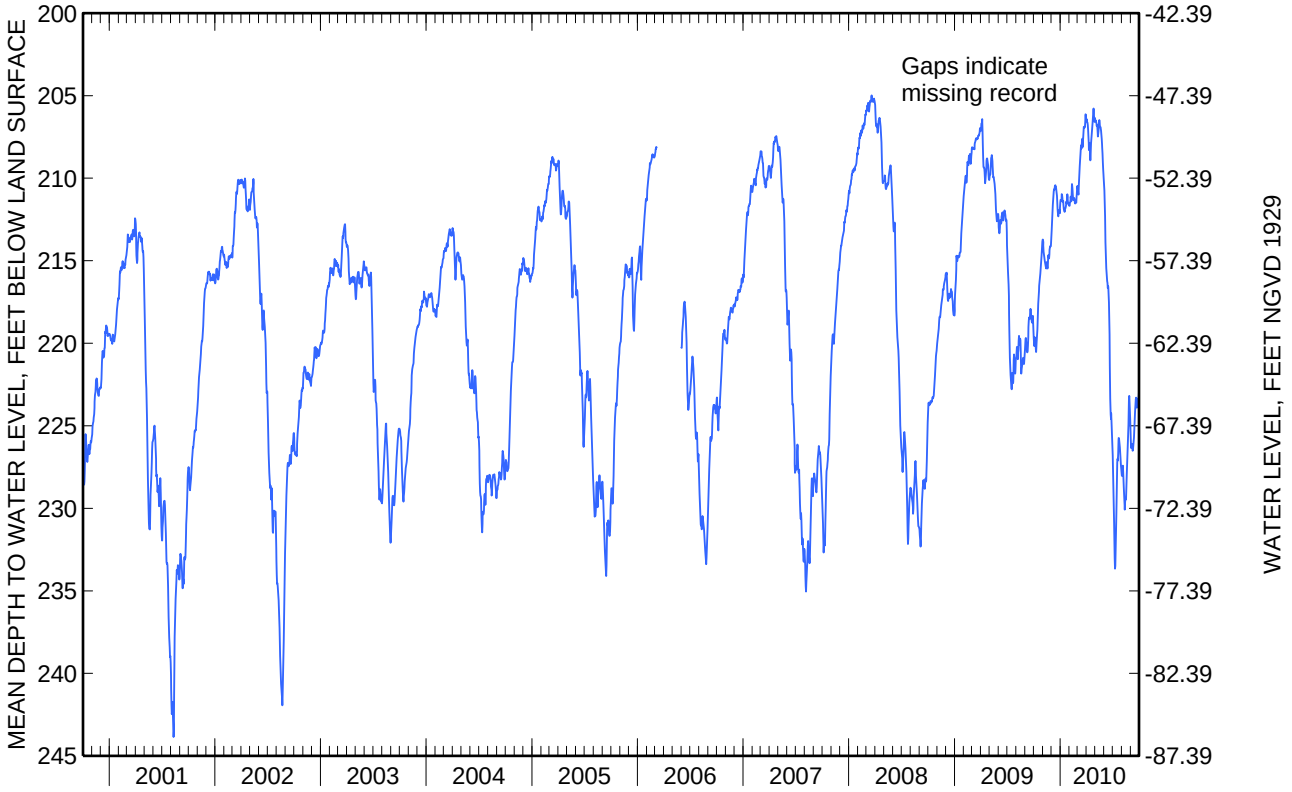
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	219.65	213.72	213.67	211.48	211.67	210.47	206.50	206.46	210.36	226.57	227.94	225.44
2	219.99	213.73	213.31	211.31	211.67	210.62	206.42	206.53	210.86	227.26	228.03	225.94
3	220.17	213.88	212.65	211.31	211.51	210.73	206.49	206.48	211.21	228.08	227.99	226.35
4	219.82	214.41	212.32	211.40	211.45	210.89	206.62	206.55	211.72	229.08	227.73	226.35
5	219.64	214.68	211.85	211.32	211.32	210.99	206.63	206.61	212.37	229.91	227.41	226.16
6	219.76	214.76	211.64	210.96	211.12	210.41	206.78	206.66	213.14	230.92	227.77	226.10
7	219.95	214.82	211.37	211.00	211.29	209.83	207.07	206.84	214.28	232.06	228.04	226.31
8	220.35	214.95	211.26	211.17	211.40	209.60	207.48	206.76	215.18	233.02	228.47	226.51
9	220.53	215.10	210.81	211.40	210.96	209.48	207.87	206.95	215.78	233.66	228.98	226.48
10	220.36	215.18	210.67	211.42	210.35	209.02	208.30	207.26	215.89	233.49	229.38	226.28
11	219.96	215.32	210.69	211.37	210.42	208.70	208.14	207.47	216.01	232.52	229.80	226.13
12	219.64	215.39	210.69	211.64	210.61	208.55	207.88	207.33	216.24	231.66	230.08	225.97
13	219.31	215.47	210.50	211.86	210.97	208.09	208.21	207.14	216.34	231.27	229.65	225.55
14	218.95	215.28	210.43	211.93	211.24	208.01	208.72	206.85	216.66	230.29	229.39	224.84
15	218.46	215.08	210.43	211.97	211.33	208.21	208.92	206.71	216.55	228.89	229.48	224.67
16	217.94	215.19	210.53	212.04	211.29	207.98	208.51	206.47	216.58	227.75	229.42	224.49
17	217.52	215.44	210.53	211.91	211.24	207.68	208.10	206.69	216.92	227.22	228.53	224.16
18	217.10	215.47	210.70	211.84	211.20	207.61	207.75	206.84	217.33	227.00	228.35	223.74
19	216.83	215.14	210.84	211.80	211.27	208.12	207.44	206.89	218.35	227.10	227.62	223.38
20	216.52	214.77	211.03	211.71	211.48	207.88	207.16	206.91	219.73	226.66	227.27	223.29
21	216.31	214.66	211.29	211.56	211.53	207.57	206.90	207.00	221.07	225.88	227.06	223.47
22	216.10	214.81	211.60	211.42	211.51	207.23	206.72	207.13	222.49	225.74	226.84	223.77
23	215.90	214.86	211.97	211.52	211.48	206.88	206.57	207.38	223.40	225.76	226.00	223.90
24	215.68	214.62	212.23	211.32	211.46	206.89	206.40	207.61	224.31	225.89	224.90	223.64
25	215.56	214.34	212.31	210.97	211.48	206.90	206.04	207.94	224.59	226.23	224.07	223.36
26	215.32	214.21	212.03	211.13	211.12	206.93	205.78	208.16	224.24	226.47	223.45	223.37
27	215.02	214.11	211.96	211.41	211.01	206.91	206.09	208.50	224.70	226.55	223.19	223.41
28	214.60	214.13	211.98	211.46	210.66	206.59	206.44	209.02	225.52	227.03	223.35	223.39
29	214.42	214.12	211.92	211.59	---	206.12	206.59	209.44	226.02	227.12	223.72	223.26
30	214.19	213.98	212.13	211.60	---	206.14	206.34	209.78	226.07	227.42	224.45	222.93
31	213.83	---	211.81	211.56	---	206.55	---	209.96	---	227.86	225.04	---
Mean	217.72	214.72	211.52	211.50	211.22	208.31	207.16	207.37	218.13	228.59	227.21	224.75
Max	220.53	215.47	213.67	212.04	211.67	210.99	208.92	209.96	226.07	233.66	230.08	226.51
Min	213.83	213.72	210.43	210.96	210.35	206.12	205.78	206.46	210.36	225.74	223.19	222.93

	Water Year 2010
Mean	215.71
High	205.78
Low	233.66

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