



Water-Data Report 2007

**392640074372401 Local number 011219 Hamilton Twp 9 Obs NJ Permit Number 36-16546**

Northern Atlantic Coastal Plain aquifer system  
Piney Point Formation  
Atlantic County, NJ

LOCATION.--Lat 39°26'40", long 74°37'24" referenced to North American Datum of 1927, Hamilton Township, Atlantic County, NJ, Hydrologic Unit 02040302, about 700 ft north of the Black Horse Pike (US 40 and 322) and 25 ft east of Lowell Ave.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 742 ft. Upper casing diameter 6 in, top of first opening 722 ft, bottom of last opening 742 ft.

DATUM.--Land-surface datum is 68 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of protective casing, 2.2 ft above land-surface datum, April 1, 1996, to present.

PERIOD OF RECORD.--April 1996 to current year.

GAGE.--None: periodic measurements with chalked steel tape.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 82.01 ft below land surface, Apr. 19, 1996; lowest, 86.78 ft below land surface, Aug. 15, 2007.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

<b>Date</b>	<b>Water level</b>	<b>Date</b>	<b>Water level</b>
Nov 24	86.13	Jun 19	86.49
Feb 12	86.20	Aug 15	86.78
Apr 18	86.06		

Water year 2007 highest: 86.06 Apr 18, 2007; lowest: 86.78 Aug 15, 2007

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