



Water-Data Report 2007

**402015074275701 Local number 230228 Forsgate 3 Obs NJ Permit Number 28-04251**

Northern Atlantic Coastal Plain aquifer system  
Old Bridge Sand Member of Magothy Formation  
Middlesex County, NJ

LOCATION.--Lat 40°20'15", long 74°27'57" referenced to North American Datum of 1927, Monroe Township, Middlesex County, NJ, Hydrologic Unit 02030105, near Hanover Lane at Rossmoor.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 138 ft. Upper casing diameter 6 in, top of first opening 128 ft, bottom of last opening 138 ft. Drilled artesian well.

DATUM.--Land-surface datum is 147.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Front edge of max-min, 1.4 ft above land-surface datum, Oct. 20, 1983, to present.

PERIOD OF RECORD.--Oct. 1961 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Jan. 1977 to Apr. 2005. Periodic measurements, Feb. 1975 to Jan. 1977. Water-level recorder, Oct. 1961 to Feb. 1975.

REMARKS.--Water level is affected by nearby pumping. Water level was affected by aquifer test between Sept. 11 and Sept. 26, 1996.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 70.32 ft below land surface, May 6, 1962; lowest, 94.57 ft below land surface, between June 20 and Oct. 2, 2002.

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

Date	Water level	Date	Water level
Mar 13	80.23	Sep 6	83.20
May 4	78.78		

Water year 2007 highest: 78.78 May 04, 2007; lowest: 83.20 Sep 06, 2007

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