



Water-Data Report 2009

401932074352901 Local number 230273 Plainsboro Pond Obs

Northern Atlantic Coastal Plain aquifer system
Magothy-Raritan-Potomac Aquifer System, Middle Aquifer
Middlesex County, NJ

LOCATION.--Lat 40°19'32", long 74°35'29" referenced to North American Datum of 1927, Plainsboro Township, Middlesex County, NJ, Hydrologic Unit 02030105, near Plainsboro High School, Grovers Mill Rd.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 75 ft. Upper casing diameter 4 in; top of first opening 70 ft, bottom of last opening 75 ft. Drilled water-table well.

DATUM.--Land-surface datum is 76 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 1.4 ft above land-surface datum, Oct 22, 1993, to present.

PERIOD OF RECORD.--December 1970 to November 1984, April 1987 to September 1987, April 1990 to current year.

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

REMARKS.--Water level is affected by the stage of Plainsboro Pond.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 26.49 ft below land surface, May 20, 1983; lowest, 30.00 ft below land surface, Dec 22, 1970.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 24	28.72	Sep 1	28.15
Apr 13	28.24		

Water year 2009 highest: 28.15 Sep 01, 2009; lowest: 28.72 Oct 24, 2008

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