



Water-Data Report 2009

400213074510801 Local number 050063 Willingboro 1 Obs

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

LOCATION.--Lat 40°02'13", long 74°51'08" referenced to North American Datum of 1927, Burlington Township, Burlington County, NJ, Hydrologic Unit 02040202, on the west side of Rancocas Rd., about 2 mi north of Rancocas.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 294 ft. Upper casing diameter 8 in; top of first opening 284 ft, bottom of last opening 294 ft. Drilled artesian observation well.

DATUM.--Land-surface datum is 45.45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of hole in well seal, .67 ft above land-surface datum, Mar 15, 2007, to present.

PERIOD OF RECORD.--March 1966 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, December 1984 to September 1987. Water-level extremes recorder, February 1977 to December 1984. Periodic measurements, September 1975 to February 1977. Water-level recorder, March 1966 to September 1975.

REMARKS.--Water level is affected by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 46.25 ft below land surface, Mar 19, 1966; lowest, 71.57 ft below land surface, Sep 13, 1995.

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

Date	Water level	Date	Water level
Oct 24	62.59	Jun 1	61.12
27	61.54	Aug 4	60.85
Mar 10	60.21		

Water year 2009 highest: 60.21 Mar 10, 2009; lowest: 62.59 Oct 24, 2008

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