



Water-Data Report 2010

394317075261901 Local number 330348 Penns Grove 14 Obs

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

LOCATION.--Lat 39°43'18.7", long 75°26'21.1" referenced to North American Datum of 1927, Carneys Point Township, Salem County, NJ, Hydrologic Unit 02040206, near the intersection of Pedricktown Rd. and Penns Grove-Auburn Rd.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 18 ft. Upper casing diameter 1.25 in. Driven water-table well.

DATUM.--Land-surface datum is 25.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .2 ft above land-surface datum, Nov 12, 1993, to present.

PERIOD OF RECORD.--June 1959 to March 1975, February 1977 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.00 ft below land surface, Feb 23, 1961; lowest, 9.83 ft below land surface, Dec 18, 2001.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 19	6.27	May 10	5.29
Dec 30	2.84	Jul 22	7.25
Mar 1	2.69	Aug 16	8.23

Water year 2010 highest: 2.69, Mar 1, 2010; lowest: 8.23, Aug 16, 2010

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