



Water-Data Report 2006

394422074430901 Local number 050407 Atsion 1 Obs

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

LOCATION.--Lat 39°44'22", long 74°43'09" referenced to North American Datum of 1927, Shamong Township, Burlington County, NJ, Hydrologic Unit 02040301, about 2,200 ft east of Rt. 206.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 260 ft. Upper casing diameter 6 in; top of first opening 240 ft, bottom of last opening 260 ft. Drilled artesian observation well.

DATUM.--Land-surface datum is 46.76 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of well cap, 3.87 ft above land-surface datum, Oct. 1, 1970, to present.

PERIOD OF RECORD.--Oct. 1963 to Sept. 1966, June 1968 to current year.

GAGE.--None: periodic measurements with a 6 ft ruler.

REMARKS.--This is a flowing well. The water level is measured in a clear plastic tube above land surface.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 6.49 ft above land surface, Dec. 15, 1965; lowest, 2.31 ft above land surface, Oct. 4, 2002.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM
(READINGS ABOVE LAND-SURFACE INDICATED BY "+")
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Date	Water level	Date	Water level
Oct 19	+3.46	Jun 19	+3.76
Feb 21	+4.16	Aug 8	+3.43
Apr 18	+4.06	Sep 12	+3.49

Water year 2006 highest: +4.16 Feb 21, 2006; lowest: +3.43 Aug 08, 2006

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