



Water-Data Report 2007

**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 2006 TO SEPTEMBER 2007**

Date	Water level	Date	Water level
Nov 22	+3.96	Jun 12	+4.17
Mar 23	+4.39	Aug 23	+3.60

Water year 2007 highest: +4.39 Mar 23, 2007; lowest: +3.60 Aug 23, 2007

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