



Water-Data Report 2009

**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.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 260 ft. Upper casing diameter 8 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.--October 1963 to September 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 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 21	+2.70	Apr 1	+3.60
Dec 30	+3.25	Jun 16	+3.65
Mar 9	+3.66	Aug 13	+3.59

Water year 2009 highest: +3.66 Mar 09, 2009; lowest: +2.70 Oct 21, 2008

394422074430901 Local number 050407 Atsion 1 Obs—Continued

