



Water-Data Report 2010

**394914074254401 Local number 050676 Coyle Airport Obs**

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

LOCATION.--Lat 39°49'14", long 74°25'46" referenced to North American Datum of 1927, Woodland Township, Burlington County, NJ, Hydrologic Unit 02040301, about 200 ft north of Rt. 72, and 3.5 mi west of the intersection of Routes 549 and 72.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 540 ft. Upper casing diameter 6 in; top of first opening 530 ft, bottom of last opening 540 ft. Drilled artesian observation well.

DATUM.--Land-surface datum is 199.19 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 2.4 ft above land-surface datum, Feb 1, 1962, to Oct 8, 2009; top of base of locking cap, 2.35 ft above land-surface datum, Oct. 8, 2009, to present.

PERIOD OF RECORD.--February 1962 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, February 1962 to July 1970.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 75.40 ft below land surface, Jun 14, 1973; lowest, 83.77 ft below land surface, Oct 8, 2002.

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

Date	Water level	Date	Water level
Oct 8	81.19	Aug 3	77.93
Apr 2	78.14		

Water year 2010 highest: 77.93, Aug 3, 2010; lowest: 81.19, Oct 8, 2009

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