



Water-Data Report 2009

**394829074053504 Local number 290020 Island Beach 4 Obs**

Northern Atlantic Coastal Plain aquifer system  
Cohansey Sand-Kirkwood Formation  
Ocean County, NJ

LOCATION.--Lat 39°48'29", long 74°05'35" referenced to North American Datum of 1927, Lacey Township, Ocean County, NJ, Hydrologic Unit 02040301, in Island Beach State Park, about 6.6 mi. south of the main entrance.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 12 ft. Upper casing diameter 6 in; top of first opening 9 ft, bottom of last opening 12 ft. Drilled water-table well.

DATUM.--Land-surface datum is 8.19 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 2.62 ft above land-surface datum, Jun 18, 1993, to present.

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

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, May 1962 to December 1972.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.42 ft below land surface, Jun 24, 1964; lowest, 4.96 ft below land surface, Jun 9, 1999.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 17	3.65	Sep 15	3.33
Apr 27	3.08		

Water year 2009 highest: 3.08 Apr 27, 2009; lowest: 3.65 Oct 17, 2008

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