



Water-Data Report 2010

394829074053501 Local number 290017 Island Beach 1 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 397 ft. Upper casing diameter 6 in; top of first opening 377 ft, bottom of last opening 397 ft. Drilled water-table well.

DATUM.--Land-surface datum is 8.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 3.06 ft above land-surface datum, Aug 22, 2007, to present.

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

GAGE.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, October 1976 to September 2004. Periodic measurements, August 1975 to February 1977. Water-level recorder, July 1962 to August 1975.

REMARKS.--Water level is affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.05 ft below land surface, Dec 6, 1962; lowest, 6.57 ft below land surface, between Dec 3, 2001 and Mar 7, 2002.

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

Date	Water level	Date	Water level
Nov 9	4.96	Aug 4	5.13
Apr 13	4.46	Sep 13	4.53

Water year 2010 highest: 4.46, Apr 13, 2010; lowest: 5.13, Aug 4, 2010

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