



Water-Data Report 2007

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.

GROUND-WATER 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, June 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 Dec. 1972.

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

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Water level	Date	Water level
Dec 4	2.93	Jun 7	3.40
Feb 6	3.56	Aug 9	3.67
Apr 11	3.42		

Water year 2007 highest: 2.93 Dec 04, 2006; lowest: 3.67 Aug 09, 2007

