



Water-Data Report 2010

**385616074580001 Local number 090020 Traffic Circle Obs**

Northern Atlantic Coastal Plain aquifer system  
Holly Beach Water-Bearing Zone  
Cape May County, NJ

LOCATION.--Lat 38°56'16", long 74°58'00" referenced to North American Datum of 1927, Cape May Point Borough, Cape May County, NJ, Hydrologic Unit 02040206, at the traffic circle at the intersection of Central, Cape, and Ocean Avenues.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 20 ft. Upper casing diameter 6 in; top of first opening 15 ft, bottom of last opening 20 ft. Drilled water-table observation well.

DATUM.--Land-surface datum is 9.12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 3 ft above land-surface datum, Dec 1, 1988, to present.

PERIOD OF RECORD.--January 1963 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, May 1977 to October 1984. Water-level recorder, January 1963 to May 1977.

REMARKS.--Water level is affected by the stage of Lake Lilly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.45 ft below land surface, between Nov 11, 1977 and Feb 21, 1978; lowest, 7.75 ft below land surface, Aug 25, 1988.

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

<b>Date</b>	<b>Water level</b>	<b>Date</b>	<b>Water level</b>
Mar 23	3.05	Jul 27	5.23

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