



Water-Data Report 2006

**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.

**GROUND-WATER 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.--Jan. 1963 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, May 1977 to Oct. 1984. Water-level recorder, Jan. 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 2005 TO SEPTEMBER 2006**

Date	Water level	Date	Water level
Mar 16	4.83	Jul 26	4.35

Water year 2006 highest: 4.35 Jul 26, 2006; lowest: 4.83 Mar 16, 2006

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