



Water-Data Report 2009

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 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Apr 24	3.72	Aug 25	4.96
30	4.05		

Water year 2009 highest: 3.72 Apr 24, 2009; lowest: 4.96 Aug 25, 2009

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