



Water-Data Report 2006

402536073590501 Local number 250316 Sandy Hook SP 1 Obs NJ Permit Number 29-04299

Northern Atlantic Coastal Plain aquifer system
Old Bridge Sand Member of Magothy Formation
Monmouth County, NJ

LOCATION.--Lat 40°25'36", long 73°59'05" referenced to North American Datum of 1927, Middletown Township, Monmouth County, NJ, Hydrologic Unit 02030104, about 1.9 mi north of the main entrance of Sandy Hook National Park.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 397 ft. Upper casing diameter 8 in; top of first opening 371 ft, bottom of last opening 397 ft. Drilled artesian well.

DATUM.--Land-surface datum is 10.91 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 1.76 ft above land-surface datum, Oct. 19, 1998, to present.

PERIOD OF RECORD.--May 1965 to Dec. 1984, Aug. 1988 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Feb. 1977 to Dec. 1984. Periodic measurements, Aug. 1975 to Feb. 1977. Water-level recorder, May 1965 to Aug. 1975.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.64 ft below land surface, Apr. 30, 1999; lowest, 20.12 ft below land surface, between Sept. 7 and Nov. 2, 1977.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Date	Water level	Date	Water level
Apr 10	11.09	Sep 25	12.62

Water year 2006 highest: 11.09 Apr 10, 2006; lowest: 12.62 Sep 25, 2006

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