



Water-Data Report 2006

402633074220001 Local number 230439 South River 2 Obs NJ Permit Number 28-05987

Northern Atlantic Coastal Plain aquifer system
Farrington Sand Member of Raritan Formation
Middlesex County, NJ

LOCATION.--Lat 40°26'33", long 74°22'00" referenced to North American Datum of 1927, South River Borough, Middlesex County, NJ, Hydrologic Unit 02030105, at the corner of Whitehead Ave. and Anne St.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 126 ft. Upper casing diameter 6 in; top of first opening 121 ft, bottom of last opening 126 ft. Drilled artesian well.

DATUM.--Land-surface datum is 20.69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 2.12 ft above land-surface datum, Oct. 22, 1993, to present.

PERIOD OF RECORD.--Jan. 1968 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Jan. 1977 to Sept. 1987. Periodic measurements, Apr. 1975 to Jan. 1977. Water-level recorder, Jan. 1968 to Apr. 1975.

REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 10.00 ft below land surface, Apr. 17, 1996; lowest, 73.64 ft below land surface, between Aug. 25 and Oct. 16, 1980.

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

Date	Water level	Date	Water level
Mar 23	14.17	Sep 21	22.08

Water year 2006 highest: 14.17 Mar 23, 2006; lowest: 22.08 Sep 21, 2006

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