



Water-Data Report 2006

**402536074201801 Local number 230194 Runyon 1 Obs**

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

LOCATION.--Lat 40°25'36", long 74°20'18" referenced to North American Datum of 1927, Old Bridge Township, Middlesex County, NJ, Hydrologic Unit 02030105, at the Runyon Watershed, Old Waterworks Rd.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 281 ft. Upper casing diameter 26 in; top of first opening 201 ft, bottom of last opening 281 ft. Drilled artesian well.

DATUM.--Land-surface datum is 18.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0 ft above land-surface datum, April 1, 1989, to present.

PERIOD OF RECORD.--Aug. 1934 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, Aug. 1934 to Aug. 1975.

REMARKS.--Water level is affected by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.50 ft below land surface, Mar. 1, 1943, Mar. 26, 1944; lowest, 109.32 ft below land surface, Oct. 21, 1981.

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

Date	Water level	Date	Water level
Mar 8	15.14	Mar 23	15.22
8	15.05	Sep 21	20.09

Water year 2006 highest: 15.05 Mar 08, 2006; lowest: 20.09 Sep 21, 2006

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