



Water-Data Report 2006

**400213074510801 Local number 050063 Willingboro 1 Obs**

Northern Atlantic Coastal Plain aquifer system  
Magothy-Raritan-Potomac Aquifer System, Middle Aquifer  
Burlington County, NJ

LOCATION.--Lat 40°02'13", long 74°51'08" referenced to North American Datum of 1927, Burlington Township, Burlington County, NJ, Hydrologic Unit 02040202, on the west side of Rancocas Rd., about 2 mi north of Rancocas.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 294 ft. Upper casing diameter 6 in; top of first opening 284 ft, bottom of last opening 294 ft. Drilled artesian observation well.

DATUM.--Land-surface datum is 45.45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, .6 ft above land-surface datum, Aug. 21, 1986, to present.

PERIOD OF RECORD.--Mar. 1966 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, Dec. 1984 to Sept. 1987. Water-level extremes recorder, Feb. 1977 to Dec. 1984. Periodic measurements, Sept. 1975 to Feb. 1977. Water-level recorder, Mar. 1966 to Sept. 1975.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 46.25 ft below land surface, Mar. 19, 1966; lowest, 71.57 ft below land surface, Sept. 13, 1995.

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

Date	Water level	Date	Water level
Apr 6	57.69	Aug 22	66.15

Water year 2006 highest: 57.69 Apr 06, 2006; lowest: 66.15 Aug 22, 2006

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