



Water-Data Report 2006

**402131074461201 Local number 210088 Honey Branch 10 Obs**

Early Mesozoic basin aquifers  
Passaic Formation  
Mercer County, NJ

LOCATION.--Lat 40°21'31", long 74°46'11" referenced to North American Datum of 1927, Hopewell Township, Mercer County, NJ, Hydrologic Unit 02030105, at the Stony Brook-Millstone Watersheds Reserve, Wargo Rd.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 150 ft. Upper casing diameter 6 in; top of first opening 20 ft, bottom of last opening 150 ft. Drilled observation well.

DATUM.--Land-surface datum is 179.53 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 3.78 ft above land-surface datum, Aug. 1, 2001, to present.

PERIOD OF RECORD.--June 1967 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, Apr. 1994 to Mar. 1995. Periodic measurements, Oct. 1988 to Apr. 1994. Water-level recorder, Jan. 1987 to Oct. 1988. Periodic measurements, July 1984 to Jan. 1987. Water-level recorder, Apr. 1977 to July 1984. Periodic measurements, Aug. 1975 to Apr. 1977. Water-level recorder, June 1967 to Aug. 1975.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 24.12 ft below land surface, Mar. 29, 1991; lowest, 75.62 ft below land surface, Aug. 15, 2002.

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

<b>Date</b>	<b>Water level</b>	<b>Date</b>	<b>Water level</b>
Mar 6	25.18	Sep 1	39.52

Water year 2006 highest: 25.18 Mar 06, 2006; lowest: 39.52 Sep 01, 2006

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