



Water-Data Report 2009

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.

GROUNDWATER 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, April 1994 to March 1995. Periodic measurements, October 1988 to April 1994. Water-level recorder, January 1987 to October 1988. Periodic measurements, July 1984 to January 1987. Water-level recorder, April 1977 to July 1984. Periodic measurements, August 1975 to April 1977. Water-level recorder, June 1967 to August 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 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Apr 13	26.46	Sep 22	26.71
Jul 16	56.90		

Water year 2009 highest: 26.46 Apr 13, 2009; lowest: 56.90 Jul 16, 2009

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