



Water-Data Report 2006

404027074164401 Local number 390102 White Lab 3 Obs

Early Mesozoic basin aquifers
Passaic Formation
Union County, NJ

LOCATION.--Lat 40°40'27", long 74°16'44" referenced to North American Datum of 1927, Kenilworth Borough, Union County, NJ, Hydrologic Unit 02030104, at the Schering facility, about 0.3 mi east of the intersection of Galloping Hill Rd. and the Garden State Parkway.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 251 ft. Upper casing diameter 8 in; top of first opening 49 ft, bottom of last opening 251 ft. Drilled observation well.

DATUM.--Land-surface datum is 85.22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 0.68 ft above land-surface datum, May 28, 2003, to present.

PERIOD OF RECORD.--Sept. 1952 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, Sept. 1952 to July 1984.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 10.51 ft below land surface, Apr. 17, 1961; lowest, 32.68 ft below land surface, Sept. 22, 1997.

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

Date	Water level	Date	Water level
Mar 20	20.72	Sep 7	21.77

Water year 2006 highest: 20.72 Mar 20, 2006; lowest: 21.77 Sep 07, 2006

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