



Water-Data Report 2007

404044074162101 Local number 390115 White Lab 4 Obs

Early Mesozoic basin aquifers
Passaic Formation
Union County, NJ

LOCATION.--Lat 40°40'43", long 74°16'18" 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 47 ft, bottom of last opening 251 ft. Drilled observation well.

DATUM.--Land-surface datum is 96.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 0.37 ft above land-surface datum, Sep. 18, 2002, to present.

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

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, Apr. 1952 to July 1970.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 32.96 ft below land surface, Mar. 28, 1960; lowest, 88.25 ft below land surface, Mar. 14, 1977.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Water level	Date	Water level
Nov 7	48.93	Sep 5	40.45
Apr 24	41.47		

Water year 2007 highest: 40.45 Sep 05, 2007; lowest: 48.93 Nov 07, 2006

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