Water-Data Report 2008

404111074121701 Local number 390058 Schweitzer Obs

Early Mesozoic basin aquifers
Passaic Formation

Union County, NJ

LOCATION.--Lat 40°41′13″, long 74°12′16″ referenced to North American Datum of 1927, Elizabeth City, Union County, NJ, Hydrologic Unit 02030104, on the east side of Newark Ave., about 0.5 mi north of the intersection with North Ave.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 660 ft. Upper casing diameter 6 in. Drilled observation well.

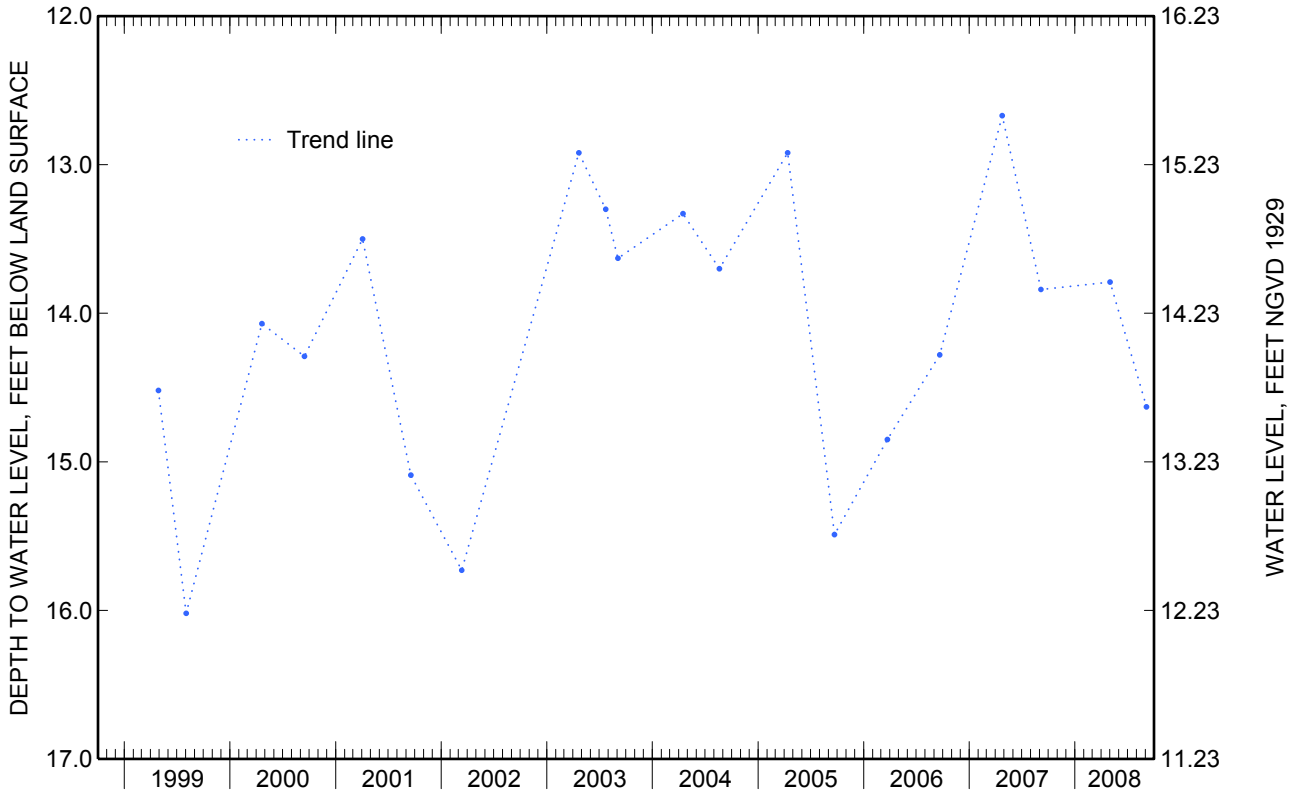
DATUM.--Land-surface datum is 28.23 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 1.94 ft above land-surface datum, Aug. 1, 1994, to present.

PERIOD OF RECORD.--Apr. 1956 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Apr. 1977 to July 1984. Periodic measurements, July 1970 to Apr. 1977. Water-level recorder, Apr. 1956 to July 1970.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 11.07 ft below land surface, between Apr. 2 and July 13, 1984; lowest, 26.83 ft below land surface, Oct. 31, 1963.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Water level	Date	Water level
May 1	13.79	Sep 4	14.63

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