404432074225301 Local number 270001 Recreation Fld Obs NJ Permit Number 25-14164

Sand and gravel aquifers (glaciated regions)
Stratified Drift

Morris County, NJ

LOCATION.--Lat 40°44′32″, long 74°22′52″ referenced to North American Datum of 1927, Chatham Borough, Morris County, NJ, Hydrologic Unit 02030103, at Chatham Recreation Field, about 35 ft east of the intersection of Center Place and North Passaic St.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 150 ft. Upper casing diameter 6 in; top of first opening 140 ft, bottom of last opening 150 ft. Drilled observation well.

DATUM.--Land-surface datum is 218.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 3.2 ft above land-surface datum, Mar. 1, 1967, to present.

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

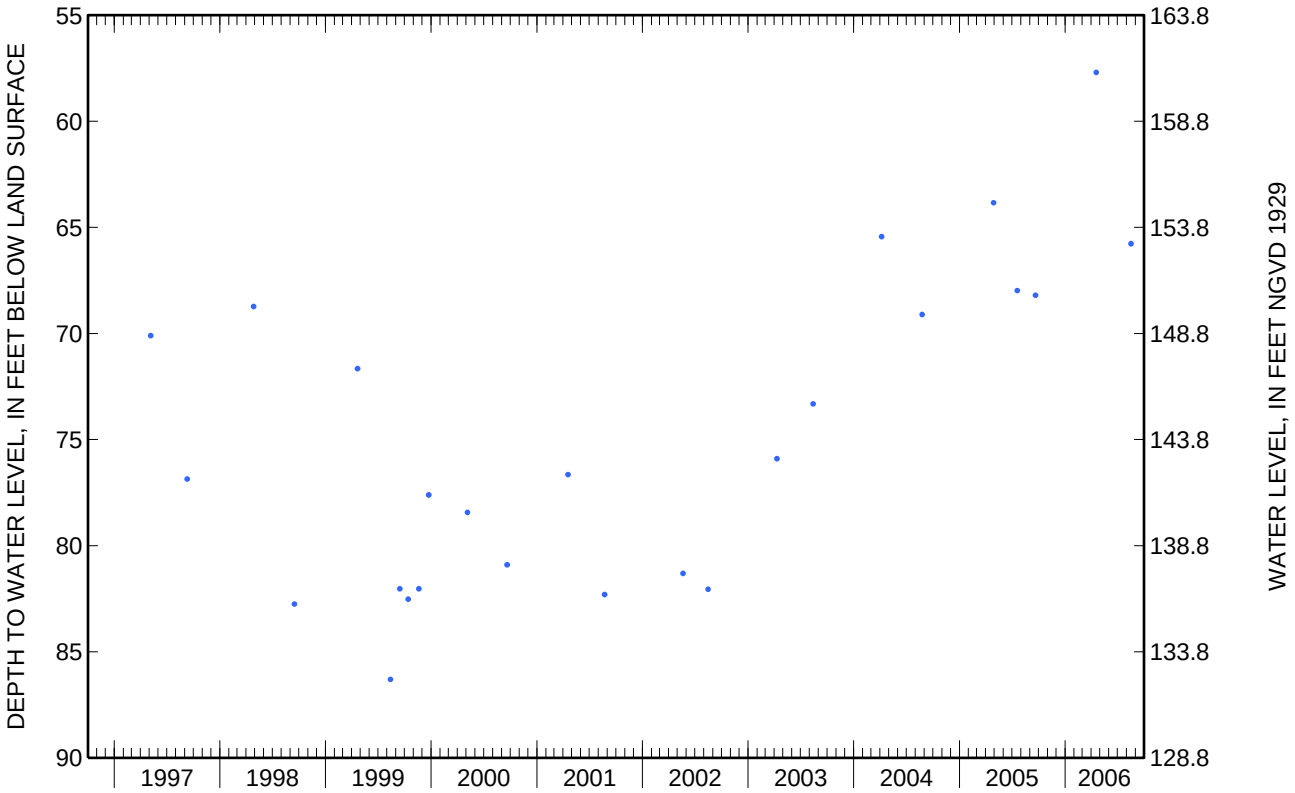
GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, Mar. 1967 to Aug. 1970.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 57.70 ft below land surface, Apr. 18, 2006; lowest, 94.55 ft below land surface, Aug. 16, 1970.

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

Date	Water level	Date	Water level
Apr 18	57.70	Aug 16	65.77

Water year 2006 highest: 57.70 Apr 18, 2006; lowest: 65.77 Aug 16, 2006

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