



Water-Data Report 2007

392732075092401 Local number 110043 Vocational School 1 Obs NJ Permit Number 35-01146

Northern Atlantic Coastal Plain aquifer system
Cohansey Sand-Kirkwood Formation
Cumberland County, NJ

LOCATION.--Lat 39°27'32", long 75°09'29" referenced to North American Datum of 1927, Deerfield Township, Cumberland County, NJ, Hydrologic Unit 02040206, next to the Cumberland County Technical Education Center, Bridgeton Ave.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 138 ft. Upper casing diameter 4 in, top of first opening 133 ft, bottom of last opening 138 ft.

DATUM.--Land-surface datum is 82.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 0.51 ft above land-surface datum, Mar. 30, 1993, to Dec. 6, 2006; Top of shelf, 0.86 ft above land-surface datum, Dec. 6, 2006, to present.

PERIOD OF RECORD.--Mar. 1972 to current year.

GAGE.--Data collection platform with satellite telemetry--60 minute recording interval. Periodic measurements, Mar. 1972 to Mar. 2007.

REMARKS.--Water level is occasionally affected by pumping from nearby wells.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.31 ft below land surface, Feb. 8, 1973; lowest, 10.22 ft below land surface, Sept. 12, 2002.

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

Date	Water level	Date	Water level
Oct 5	5.74	May 14	3.54
Dec 6	4.60	Jul 10	4.91
Feb 23	4.50	Sep 19	6.47
Mar 28	4.25		

Water year 2007 highest: 3.54 May 14, 2007; lowest: 6.47 Sep 19, 2007

