



Water-Data Report 2009

391830075120801 Local number 110097 Jones Island 1 Obs NJ Permit Number 34-00845

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

LOCATION.--Lat 39°18'29", long 75°12'08" referenced to North American Datum of 1927, Lawrence Township, Cumberland County, NJ, Hydrologic Unit 02040206, in Nantuxent Wildlife Management Area, about 1.7 mi south of Cedarville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 171 ft. Upper casing diameter 4 in; top of first opening 166 ft, bottom of last opening 171 ft. Drilled water-table well.

DATUM.--Land-surface datum is 10.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 3.30 ft above land-surface datum, Mar 30, 1993, to present.

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

GAGE.--None: periodic measurements with chalked steel tape.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.86 ft below land surface, Feb 8, 1973; lowest, 10.13 ft below land surface, Sep 22, 1986.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

| Date | Water level | Date | Water level |
|-------------|--------------------|-------------|--------------------|
| Nov 19 | 9.28 | May 28 | 8.88 |
| Feb 2 | 8.89 | Jul 27 | 9.18 |
| Mar 25 | 8.98 | | |

Water year 2009 highest: 8.88 May 28, 2009; lowest: 9.28 Nov 19, 2008

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