



Water-Data Report 2007

01463568 ASSUNPINK CREEK AT CARSONS MILLS, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 40°13'05", long 74°33'37" referenced to North American Datum of 1983, Robbinsville Township, Monmouth County, NJ, Hydrologic Unit 02040105, at bridge at Windsor-Perrineville Road in Carsons Mills, 0.1 mi upstream from New Sharon Branch, and 1.3 mi northeast of Pages Corner.

DRAINAGE AREA.--12.5 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements, water years 1979-81, 2005-07.

GAGE.--Reference point only.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Discharge, in ft³/s
Nov 21, 2006	27.4
Feb 15, 2007	14.8
May 14, 2007	17.0
Aug 14, 2007	4.01

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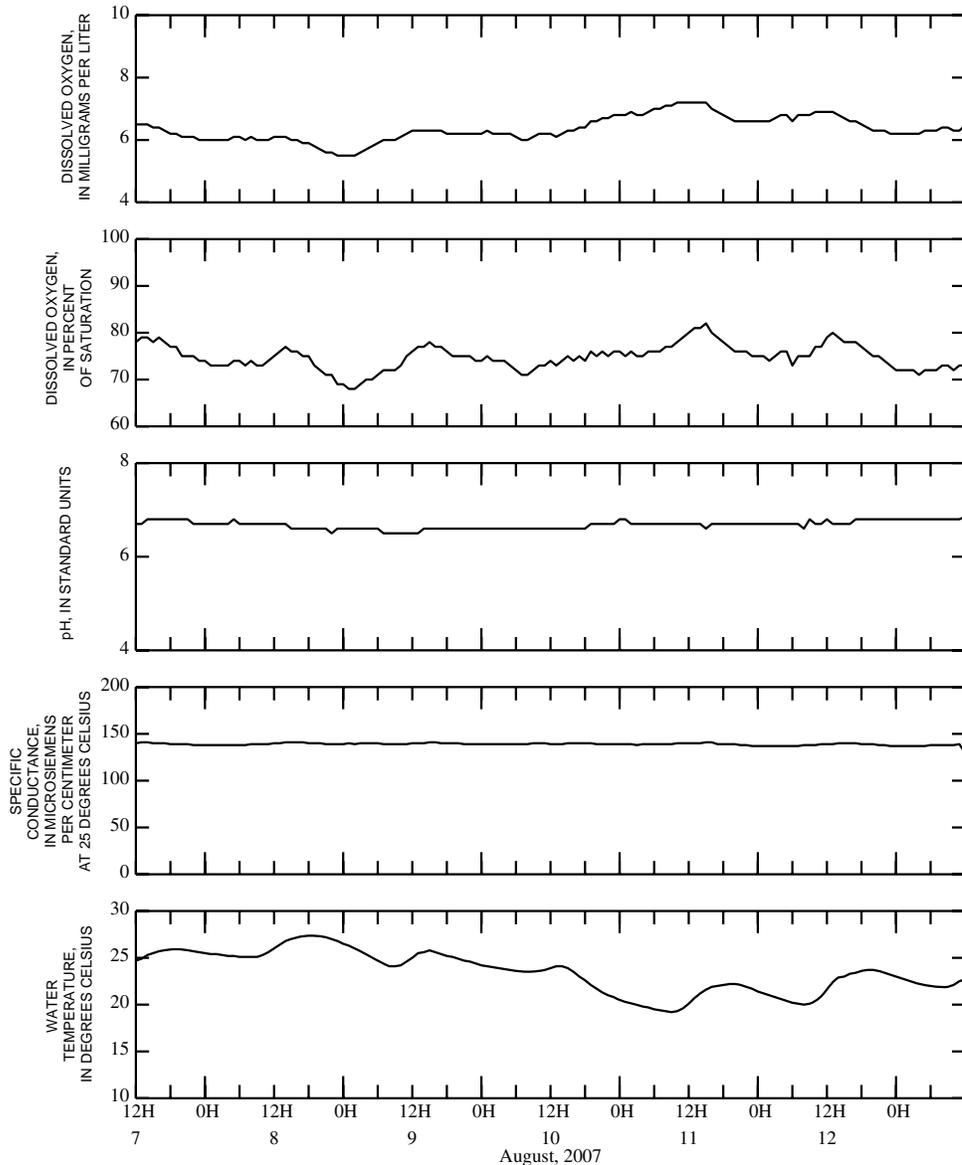
WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1976-82, 2007

PERIOD OF DAILY RECORD.--August and September, 2007

REMARKS.--Cooperative Network Site Descriptor: Watershed Reconnaissance, NJ Department of Environmental Protection Watershed Management Area 11. The accuracy of continuous water-quality data is routinely verified through inspections for fouling and calibration drift. The New Jersey Water Science Center requires that either constant or prorated adjustments be made to the continuous water-quality record when the difference between a sensor's response and a known value exceeds the following criteria: Water Temperature, 0.2 degrees Celsius (+ or -); Specific Conductance, the greater of 5 microsiemens/cm (+ or -) or 5% of the measured value; Dissolved Oxygen, the greater of 0.3 mg/L (+ or -) or 5% of the measured value; pH, 0.3 units (+or-). If the difference between a sensor's response and a known value is within specified criteria, the data are considered to be reliable and are not adjusted. Data from the following period(s) were adjusted - pH, August 07 to 13, 2007; Specific Conductance, August 07 to 13, 2007; Dissolved Oxygen, August 07 to 13 and September 17 to 21, 2007.

WATERSHED RECONNAISSANCE STUDY
HOURLY WATER-QUALITY-MONITOR VALUES
AUGUST 07, 2007 TO AU 13, 2007



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**WATERSHED RECONNAISSANCE STUDY
HOURLY WATER-QUALITY-MONITOR VALUES
SEPTEMBER 17, 2007 TO SEPTEMBER 21, 2007**

