



Water-Data Report 2007

01391200 SADDLE RIVER AT FAIR LAWN, NJ

PASSAIC RIVER BASIN

LOCATION.--Lat 40°56'29", long 74°05'39" referenced to North American Datum of 1983, Fair Lawn Borough, Bergen County, NJ, Hydrologic Unit 02030103, at bridge on Century Road, 600 ft west from George Washington Memorial Park, 0.8 mi northeast from Fair Lawn, and 1.2 mi downstream from Hohokus Brook.

DRAINAGE AREA.--45.2 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1979-1991, 2006-07.

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

REMARKS.--Cooperative Network Site Descriptor: Watershed Reconnaissance and Perchlorate Assessment special study site. 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 - Specific Conductance, July 25 to 31, 2007 and September 05 to 13, 2007; Dissolved Oxygen September 05 to 13, 2007.

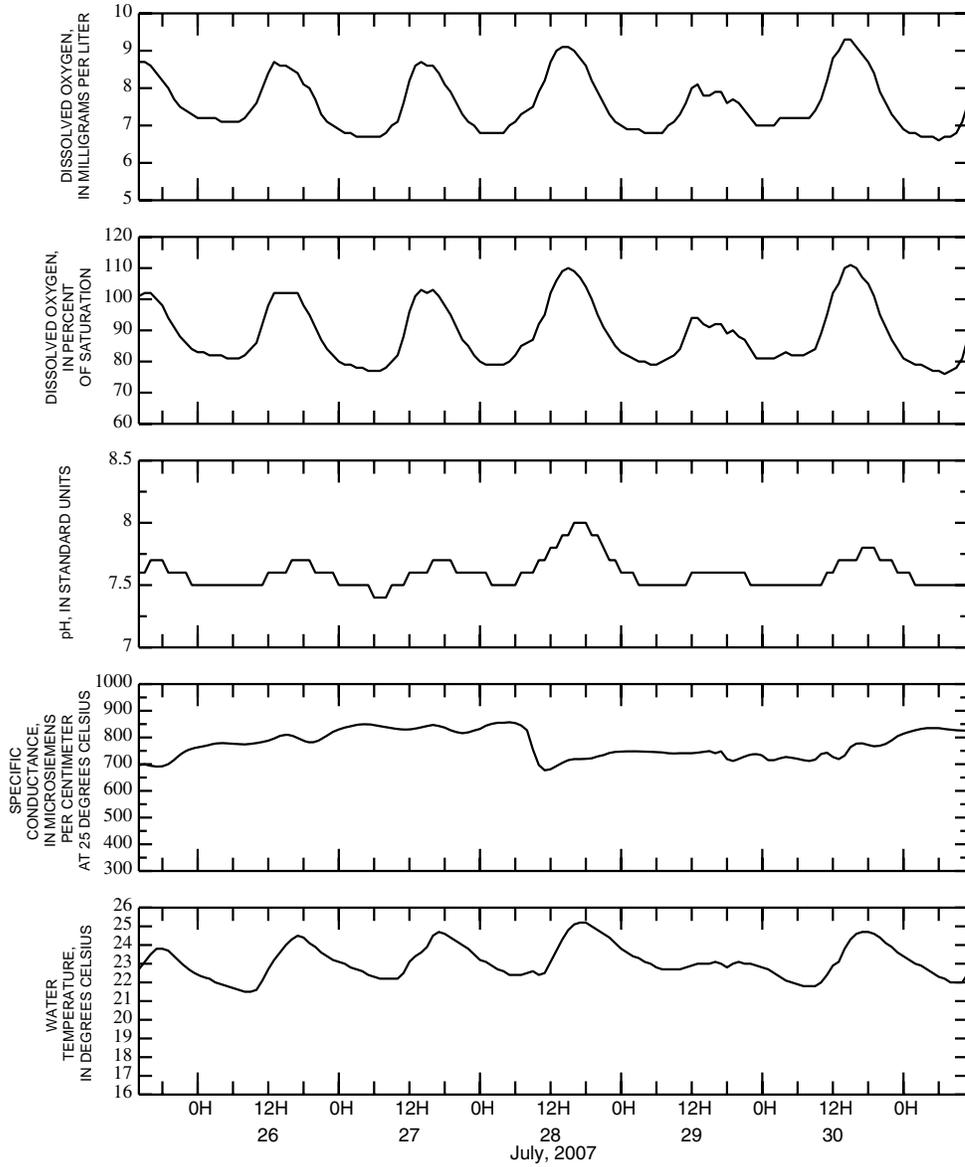
COOPERATION.--Physical measurements and samples for laboratory analyses on July 25 were provided by personnel of the NJ Department of Environmental Protection. Determination of perchlorate was performed by TestAmerica Laboratories, Inc.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Time	Turbidity white light, det ang 90+/-30 corrctd NTRU (63676)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, of sat- uration mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf µS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Per- chlor- ate, water, unfltrd µg/L (61209)
Jul										
25...	1030	2.6	769	7.5	83	7.5	583	29.5	20.5	.4800

01391200 SADDLE RIVER AT FAIR LAWN, NJ—Continued

WATERSHED RECONNAISSANCE STUDY
HOURLY WATER-QUALITY-MONITOR VALUES
JULY 25, 2007 TO JULY 31, 2007



01391200 SADDLE RIVER AT FAIR LAWN, NJ—Continued

**WATERSHED RECONNAISSANCE STUDY
HOURLY WATER-QUALITY-MONITOR VALUES
SEPTEMBER 05, 2007 TO SEPTEMBER 13, 2007**

