

Water-Data Report 2009

01391540 SADDLE RIVER AT FELICIAN COLLEGE FOOTBRIDGE, AT LODI, NJ

PASSAIC RIVER BASIN

LOCATION.--Lat 40°52'04", long 74°05'41" referenced to North American Datum of 1983, Lodi Borough, Bergen County, NJ, Hydrologic Unit 02030103, at bridge at Felician College in Lodi, 0.8 mi east of Garfield, and 1.2 mi upstream of mouth.

DRAINAGE AREA.--59.2 mi²,

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2008 to September 2009 (discontinued).

PERIOD OF DAILY RECORD.--

DISSOLVED OXYGEN: July-August 2008, September 2009.

DISSOLVED OXYGEN, PERCENT OF SATURATION: July-August 2008, September 2009.

pH: July-August 2008, September 2009.

SPECIFIC CONDUCTANCE: July-August 2008, September 2009.

WATER TEMPERATURE: July-August 2008, September 2009.

REMARKS.--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 3% 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.

COOPERATION.--Physical measurements were collected in cooperation with the NJ Department of Environmental Protection.

01391540 SADDLE RIVER AT FELICIAN COLLEGE FOOTBRIDGE, AT LODI, NJ—Continued

HOURLY WATER-QUALITY-MONITOR VALUES
SEPTEMBER 2, 2009 TO SEPTEMBER 8, 2009

