

01457500 DELAWARE RIVER AT RIEGELSVILLE, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 40°35'41", long 75°11'23" referenced to North American Datum of 1983, Pohatcong Township, Warren County, NJ, Hydrologic Unit 02040105, on left bank, upstream side of suspension bridge at Riegelsville, 600 ft upstream from Musconetcong River (flow of which is included in the records for this station since Oct. 1, 1931), and at river mile 174.8. Water-quality samples are collected from the bridge and are not affected by the flow of the Musconetcong River.

DRAINAGE AREA.--6,328 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous-record gaging station, water years 1906-71. Annual maximum, water years 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is 125.12 ft above NGVD of 1929.

COOPERATION.--Gage operated in cooperation with the Delaware River Joint Toll Bridge Commission.

REMARKS.--Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 340,000 ft³/s, Aug 19, 1955, gage height, 38.85 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Oct 10, 1903 reached a gage height of 35.9 ft, discharge 275,000 ft³/s

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 77,700 ft³/s, Oct 1 at 0000, gage height, 17.41 ft, occurred on recession following peak of Sep 29, 2011; maximum independent peak discharge, 61,600 ft³/s, Dec 9 at 0030, gage height, 15.07 ft.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Date	Discharge, in ft³/s
Oct 28, 2011	13,400