

03056000 TYGART VALLEY RIVER AT TYGART DAM NEAR GRAFTON, WV

Monongahela Basin
Tygart Valley Subbasin

LOCATION.--Lat 39°19'11", long 80°01'31" referenced to North American Datum of 1927, Taylor County, WV, Hydrologic Unit 05020001, downstream of Tygart Dam, 2.2 mi upstream from Threefork Creek, 2.4 mi upstream from Grafton, and at mile 150.9.

DRAINAGE AREA.--1,182 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1938 to September 1982, October 1986 to September 1988 (daily and annual maximum discharge), October 1988 to September 1991 (daily discharge and peaks), October 2005 to current year (annual maximum gage height). Prior to October 1960, published as Tygart River at Tygart Dam near Grafton. Records prior to June 1, 1987, provided by U.S. Army Corps of Engineers.

REVISED RECORDS.--WDR-US-2006: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 960.55 ft above COE 1912.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--49 years (water years 1939-82, 1987-91), 2,375 ft³/s, 27.24 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 21,000 ft³/s, Mar. 26, 1965, gage height, approximately 18.5 ft (corrected); no flow Aug. 2, 1938.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.63 ft, Apr. 17.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Discharge, in ft ³ /s	Gage height, in ft
Jun 18, 2007	446	4.99