



Water-Data Report 2007

03086500 Mahoning River at Alliance OH

Upper Ohio-Beaver Basin
Mahoning Subbasin

LOCATION.--Lat 40°55'58", long 81°05'41" referenced to North American Datum of 1927, Stark County, OH, Hydrologic Unit 05030103, on the right bank 15 ft upstream from Webb Avenue Bridge in Alliance, 0.2 miles upstream from waterworks dam and 4 miles upstream from Beech Creek.

DRAINAGE AREA.--89.2 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous discharge gage, August 1941 to September 1993; recording crest-stage gage, October 1994 to Sept. 30, 2007.

REVISED RECORDS.--WSP 1907: Drainage area.

GAGE.--Water-stage recorder and concrete dam. Datum of gage is 1,037.3 ft above sea level.

REMARKS.--Flow slightly regulated by Westville Reservoir 9.3 mi upstream from station. water-quality data collected at this site 1965 to 1977. U.S. Army Corps of Engineers satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,740 ft³/s, Jan. 21, 1959, gage height, 9.11 ft.

MAXIMUM PEAK DISCHARGE WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Mar 2, 2007	3,080	---	5.68	---