03271500 Great Miami River at Miamisburg OH

Great Miami Basin
Lower Great Miami Subbasin

LOCATION.--Lat 39°38′40″, long 84°17′23″ referenced to North American Datum of 1927, Montgomery County, OH, Hydrologic Unit 05080002, on left bank 600 ft. downstream from bridge on State Highway 725 at Miamisburg, 0.3 miles downstream from Bear Creek, and 3.2 miles upstream from Crains Run.

DRAINAGE AREA.--2,711 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous discharge gage, March 1916 to September 1920 (published as Miami River at Franklin 1916-17), August 1924 to September 1935 (published as Miami River near Miamisburg), October 1952 to September 1995 (published as Miami River at Miamisburg 1952-62). Monthly discharge only for some periods, published in WSP 1305. Recording crest stage gage, October 1995 to current year.

REVISED RECORDS.--WSP 743: 1929 (M). WSP 1385: 1926. WSP 1908: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 678.60 ft NGVD 1929. Mar. 16, 1916 to Sept. 30, 1920, nonrecording gage at site 6.7 mi downstream at different datum. Aug. 29 to Sept. 16, 1924, nonrecording gage, and Sept. 17, 1924 to Sept. 30, 1935, water-stage recorder, at site 2.2 mi downstream at datum 677.06 ft above national Vertical datum of 1912.

COOPERATION.--Gage-height data and discharge measurements furnished by Miami Conservancy District.

REMARKS.--Diurnal fluctuation caused by powerplant 2.9 mi downstream from station. Flood flow regulated by retarding dams beginning in 1920 on Mad River 19 mi upstream, on Stillwater River 23 mi upstream, on Great Miami River 23 mi upstream and on Loramie Creek 52 mi upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 61,800 ft^3/s, Jan. 21, 1959, gage height, 21.30 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 26, 1913 reached a discharge 257,000 ft^3/s, computed by Miami Conservancy District.

MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Date	Discharge, in ft^3/s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Mar 6, 2011	37,700	6	15.90	---

Discharge qualification code:
6 - Discharge affected by regulation or diversion

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 03271500, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/03271500.2011.pdf