

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at crest-stage partial-record stations are presented in the following table. Discharge measurements made at low-flow partial-record sites and at miscellaneous sites and for special studies are given in separate tables.

## Crest-Stage Partial-Record Stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

## Annual maximum discharge at crest-stage partial record stations during water year 1999

Station name and number	Location and drainage area	Period of Record	Water year 1999 maximum		Period of record maximum			
			Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
<b>OHIO RIVER BASIN</b>								
ALLEGHENY RIVER BASIN								
Allegheny River at Warren, Pa. (03015310)	Lat 41°50'38", long 79°09'00", Warren County, Hydrologic Unit 05010002, on right bank at downstream end of municipal parking lot at Warren, 1,400 ft downstream from confluence of Conewango Creek, and at mile 188.7. Drainage area is 3,131 mi <sup>2</sup> .	1988-94≠ 1995-99	1-29-99	8.45	19,200	01-03-91	10.19	31,700
FRENCH CREEK BASIN								
Woodcock Creek at Blooming Valley, Pa. (03022540)	Lat 41°41'26", long 80°02'54", Crawford County, Hydrologic Unit 05010004, on left bank at upstream side of bridge, 0.7 mi northeast of Blooming Valley, and 3.4 mi upstream from Woodcock Creek Dam. Drainage area is 31.1 mi <sup>2</sup> .	1974-95≠ 1996-99	1-23-99	8.55	1,010	2-17-76	11.48	2,980
CLARION RIVER BASIN								
Clarion River at Johnsonburg, Pa. (03028500)	Lat 41°29'10", long 78°40'43", Elk County, Hydrologic Unit 05010005, on left bank at upstream side of highway bridge at Johnsonburg, 0.1 mi downstream from confluence of East and West Branches. Drainage area is 204 mi <sup>2</sup> .	1945-95≠ 1996-99	1-24-99	6.59	4,140	1-19-96	10.14	12,800

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			Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
<b><u>OHIO RIVER BASIN</u></b> --Continued								
<b>KISKIMINETAS RIVER BASIN</b>								
Little Conemaugh River at East Conemaugh, Pa. (03041000)	Lat 40°20'45", long 78°52'58", Cambria County, Hydrologic Unit 05010007, upstream from bridge on State Highway 271 at East Conemaugh, 300 ft downstream from Clapboard Run, and 2.7 mi upstream from confluence with Stonycreek River. Drainage area is 183 mi <sup>2</sup> .	1939-95≠ 1996-99	1-24-99	13.02	4,530	7-20-77	18.85	40,000
<b><u>LAKE ERIE BASIN</u></b>								
Mill Creek at Erie, Pa. (04213200)	Lat 42°05'54", long 80°04'35", Erie County, Hydrologic Unit 04120101, at bridge on West 38th Street, 100 ft west of State Highway 505, at Erie. Drainage area is 9.16 mi <sup>2</sup> .	1964-99	1-24-99	10.07	337	9-17-96	15.06	3,310

≠ Operated as a continuous-record gaging station.

