

## 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 2005

Station name and number	Location and drainage area	Period of Record	Water year 2005 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>DELAWARE RIVER BASIN</b>								
LACKAWAXEN RIVER BASIN								
VANDERMARK CREEK BASIN								
Vandermark Creek at Milford, Pa. (01438300)	Lat 41°19'35", long 74°47'50", Pike County, Hydrologic Unit 02040104, at stone bridge on Broad Street in Milford, Pa., and 0.4 mi upstream of mouth. Datum of gage is 490.50 ft above sea level. Drainage area is 5.36 mi <sup>2</sup> .	1962-2005	4-02-05	2.95	322	9-16-99	3.36 <sup>a</sup>	566
BRODHEAD CREEK BASIN								
Mill Creek at Mountainhome, Pa. (01440300)	Lat 41°09'50", long 75°16'00", Monroe County, Hydrologic Unit 02040104, at concrete bridge on macadam road, 0.5 mi east of Mountainhome, Pa., and 1.5 mi upstream of mouth. Drainage area is 5.84 mi <sup>2</sup> .	1961-2005	4-02-05	11.23	875	7-28-69	12.65	1,650
NESHAMINY CREEK BASIN								
Neshaminy Creek near Penns Park, Pa. (01465200)	Lat 40°15'06", long 75°00'31", Bucks County, Hydrologic Unit 02040201, on left bank at bridge over main stem of Neshaminy Creek on Second Street Pike (Rt. 232) at Penns Park, Pa. Drainage area is 157 mi <sup>2</sup> .	2002-05	4-02-05	17.81	12,700	9-29-04	19.93	15,800

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Annual maximum discharge at crest-stage partial-record stations during water year 2005—Continued

Station name and number	Location and drainage area	Period of Record	Water year 2005 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)
SCHUYLKILL RIVER BASIN								
Manatawny Creek near Pottstown, Pa. (01471980)	Lat 40°16'22", long 75°40'49", Berks County, Hydrologic Unit 02040203, on left bank 180 ft upstream from bridge on Manatawny Street, 0.7 mi downstream from Ironstone Creek, 2.4 mi northwest of Pottstown, 3.1 mi upstream from mouth, and 4.7 mi southwest of Boyertown. Drainage area is 85.5 mi <sup>2</sup> .	1974-2004 <sup>‡</sup> 2005	4-03-05	8.30	3,830 <sup>b</sup>	9-09-87	11.46	7,550 <sup>b</sup>
CHRISTINA RIVER BASIN BRANDYWINE CREEK BASIN WEST BRANCH BRANDYWINE CREEK BASIN								
Sucker Run near Coatesville, Pa. (01480610)	Lat 39°58'20", long 75°51'03", Chester County, Hydrologic Unit 02040205, at concrete bridge on South Park Avenue on SR 372, 1.6 mi upstream of mouth, and 2.0 mi west of Coatesville, Pa. Drainage area is 2.57 mi <sup>2</sup> .	1964-2005	11-28-04	5.30	230	7-21-79	8.49	1,500

<sup>‡</sup> Operated as a continuous-record gaging station.  
<sup>a</sup> Peak gage height for period of record is 3.65 ft, Sept. 25, 1975.  
<sup>b</sup> From rating curve extended above 2,780 ft<sup>3</sup>/s.