

01503980 CHENANGO RIVER AT EATON, NY

Upper Susquehanna Basin
Chenango Subbasin

LOCATION.--Lat 42°51'02", long 75°36'20" referenced to North American Datum of 1983, Madison County, NY, Hydrologic Unit 02050102, at bridge on Landon Road, at Eaton, 0.1 mi upstream from Eaton Brook, and 0.1 mi downstream from State Highway 26.

DRAINAGE AREA.--24.3 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Annual maximum only--1964-65, 1967 to current year.

REVISED RECORDS.--WDR NY-78-1: 1972 (M). WDR-79-1: 1967-70 (M). WDR NY-97-3: 1990-92 (M), 1995 (M).

GAGE.--Crest-stage partial-record station. Elevation of gage is 1,180 ft above NGVD of 1929, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,560 ft³/s, July 1, 2013, gage height, 9.23 ft.

REVISIONS.--The maximum discharges for water years 1983-93, 1995-96, 1998-2001, and 2003-11 have been revised and are shown in the following table.

REVISED MAXIMUM PEAK DISCHARGES

| Date | Discharge, in ft ³ /s | Discharge qualification code | Gage height, in ft | Gage height qualification code |
|--------------|----------------------------------|------------------------------|--------------------|--------------------------------|
| Apr 25, 1983 | 783 | --- | 7.21 | --- |
| Dec 14, 1983 | 983 | --- | 7.57 | --- |
| Mar 12, 1985 | 555 | --- | 6.81 | --- |
| Mar 15, 1986 | 1,150 | --- | 7.84 | --- |
| Apr 4, 1987 | 390 | --- | 6.50 | --- |
| Mar 26, 1988 | 625 | --- | 6.92 | --- |
| Nov 6, 1988 | 709 | --- | 7.06 | --- |
| Feb 17, 1990 | 738 | --- | 7.12 | --- |
| Oct 24, 1990 | 763 | --- | 7.17 | --- |
| Jul 23, 1992 | 459 | --- | 6.64 | --- |
| Apr 11, 1993 | 1,180 | --- | 7.89 | --- |
| Mar 8, 1995 | 336 | --- | 6.28 | --- |
| Jan 19, 1996 | 1,200 | 2 | 8.51 | 1 |
| Jan 8, 1998 | 763 | --- | 7.17 | --- |
| Jan 24, 1999 | 1,020 | --- | 7.63 | --- |
| Feb 28, 2000 | 1,030 | --- | 7.65 | --- |
| Apr 8, 2001 | 1,040 | --- | 7.66 | --- |

01503980 CHENANGO RIVER AT EATON, NY—Continued

REVISED MAXIMUM PEAK DISCHARGES-Continued

| Date | Discharge, in ft ³ /s | Discharge qualification code | Gage height, in ft | Gage height qualification code |
|--------------|-------------------------------------|------------------------------------|-----------------------|--------------------------------------|
| Mar 21, 2003 | 804 | --- | 7.25 | --- |
| Dec 11, 2003 | 891 | --- | 7.41 | --- |
| Apr 2, 2005 | 1,550 | --- | 8.25 | --- |
| Jun 28, 2006 | 1,090 | --- | 8.03 | --- |
| Mar 15, 2007 | 723 | --- | 7.45 | --- |
| Mar 8, 2008 | 795 | --- | 7.58 | --- |
| Mar 9, 2009 | 617 | --- | 7.24 | --- |
| Mar 22, 2010 | 493 | --- | 6.95 | --- |
| Sep 8, 2011 | 1,100 | --- | 8.05 | --- |

Discharge qualification code:

2 - Discharge is an estimate

Gage height qualification code:

1 - Gage height affected by backwater

MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

| Date | Discharge, in ft ³ /s | Discharge qualification code | Gage height, in ft | Gage height qualification code |
|-------------|-------------------------------------|------------------------------------|-----------------------|--------------------------------------|
| Jul 1, 2013 | 2,560 | --- | 9.23 | --- |