



Water-Data Report 2013

01301000 MAMARONECK RIVER AT MAMARONECK, NY

Lower Hudson Basin
Bronx Subbasin

LOCATION.--Lat 40°57'15.6", long 73°44'04.5" referenced to North American Datum of 1983, Westchester County, NY, Hydrologic Unit 02030102, on left bank, 113 ft downstream from bridge on Halstead Avenue, 700 ft downstream from Sheldrake River, and 0.3 mi upstream from mean high tide in Mamaroneck Harbor, at Mamaroneck.

DRAINAGE AREA.--23.4 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous record--1944-89, annual maximum only--1999, 2009 to current year.

REVISED RECORDS.--WSP 1502: 1944(M), 1951(M). WDR NY-76-1: 1972(M), 1973(M), 1974(M), 1975(M).

GAGE.--Crest-stage partial-record station and concrete control. Datum of gage is 11.46 ft above NGVD of 1929. Prior to Sept. 10, 1954, water-stage recorder at same site at datum 0.41 ft higher.

REMARKS.--Discharge affected to an unknown degree by storage in former water-supply reservoir on Mamaroneck River.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,970 ft³/s, Aug. 28, 2011, gage height, 10.92 ft, from rating curve extended above 1,900 ft³/s on basis of flow-through-culvert measurement at gage height 10.15 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Backwater from hurricane wave reached a stage of about 11.5 ft, present datum, Sept. 21, 1938, from information by officials of village of Mamaroneck.

REVISIONS.--The maximum discharge for the water year 2012 has been revised to 1,110 ft³/s, Dec. 8, 2011, gage height, 3.68 ft, superceding figures published in WDR-US-2012.

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
Jun 8, 2013	1,480	5	4.47	---

Discharge qualification code:

5 - Discharge affected to unknown degree by regulation or diversion