



Water-Data Report 2011

01389765 MOLLY ANN BROOK AT NORTH HALEDON, NJ

PASSAIC RIVER BASIN

LOCATION.--Lat 40°57'11", long 74°11'05" referenced to North American Datum of 1983, North Haledon Borough, Passaic County, NJ, Hydrologic Unit 02030103, on left upstream wingwall of culvert on Overlook Avenue in North Haledon, 0.5 mi upstream from Oldham Pond Dam, and 1.5 mi west of Hawthorne.

DRAINAGE AREA.--3.89 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Annual maximum, water years 1979 to current year. Miscellaneous and occasional low-flow measurements, water years 1979-85, 1988 to 2006.

REVISED RECORDS.--WDR-US-2007: 1979-84(M). 1986-89(M). WDR-US-2011: 1979-80(M), 1983-86(M), 1990(M), 1992(M), 1994-96(M), 1999-2000(M), 2004-06(M), 2008(M).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 209.68 ft above NGVD of 1929.

REMARKS.--Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,300 ft³/s (from rating curve extended above 240 ft³/s on basis of contracted opening computation of peak flow), May 16, 1990, gage height, 10.93 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 3,100 ft³/s (computed by State Water Policy Commission at Squaw Lake Dam, 0.2 mi upstream of gage), Jul 23, 1945, gage height, not determined.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 980 ft³/s, Aug 28, gage height, 8.30 ft.

REVISIONS.--Annual peak discharges for water years 1979-1980, 1983-1986, 1990, 1992, 1994-1996, 1999-2000, 2004-06, 2008 have been revised as shown in the following table. These values supersede previously published peaks in their respective annual water data reports.

Water Year	Date	Gage height (ft)	Discharge (ft ³ /s)
1979	Sep 6, 1979	8.66	933
1980	Apr 28, 1980	7.62	754
1983	Mar 28, 1983	7.20	661
1984	May 29, 1984	8.87	968
1985	Sep 27, 1985	6.14	400
1986	Aug 3, 1986	8.08	835
1990	May 16, 1990	10.93	1,300
1992	Sep 3, 1992	8.12	842
1994	Nov 28, 1993	7.46	718
1995	Jan 20, 1995	4.86	138
1996	Jul 8, 1996	8.02	824
1999	Sep 16, 1999	10.74	1,270
2000	Aug 11, 2000	7.67	763
2004	Jul 23, 2004	6.76	557
2005	Nov 28, 2004	7.01	616
2006	Jul 22, 2006	9.13	1,010
2008	Sep 6, 2008	6.66	551

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Discharge, in ft ³ /s
Aug 28, 2011	990