



Water-Data Report 2007

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 1945, 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).

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

REMARKS.--Satellite stage telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 970 ft³/s (from rating curve extended above 240 ft³/s on basis of culvert computation 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, 667 ft³/s, Apr 15 at 2230, gage height, 6.88 ft.

REVISIONS.--Peak discharge for the annual maximum for the 1979-84 and 1986-89 water years have been revised as shown in the following table. These values supersede the maximum peak discharge published in their respective annual water data reports.

Water Year	Date	Gage Height (ft)	Discharge (ft ³ /s)
1979	Sep 6, 1979	8.66	805
1980	Apr 28, 1980	7.62	675
1981	Jul 21, 1981	6.11	400
1982	Jun 11, 1982	7.19	610
1983	Mar 28, 1983	6.07	395
1984	May 29, 1984	8.87	823
1986	Aug 3, 1986	8.08	730
1987	Nov 21, 1986	6.66	550
1988	Jul 24, 1988	7.36	650
1989	Sep 20, 1989	6.74	560