



Water-Data Report 2007

01389738 MOLLY ANN BROOK TRIBUTARY NEAR FRANKLIN LAKES, NJ

PASSAIC RIVER BASIN

LOCATION.--Lat 40°58'51", long 74°12'10" referenced to North American Datum of 1983, Franklin Lakes Borough, Bergen County, NJ, Hydrologic Unit 02030103, on right upstream bank of the culvert on Belmont Avenue, 0.5 mi upstream of mouth at Haledon Reservoir, 1.6 mi southeast of Franklin Lakes, and 2.1 mi north of North Haledon.

DRAINAGE AREA.--0.33 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Annual maximum, water years 2001 to current year. Occasional low-flow measurements, water years 2002-07.

REVISED RECORDS.--WDR US-2007: 2001(M), 2002(M), 2003(M), 2004(M), 2005(M), 2006(M).

GAGE.--Crest-stage gage. Datum of gage is 430 ft above NAVD of 1988, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 244 ft³/s (previously not determined), Jul 22, 2006, gage height, 4.01 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 170 ft³/s, Apr 15, gage height, 3.56 ft.

REVISIONS.--Peak discharge for the annual maximum for the 2001-2006 water years have been determined (previously not determined) as shown in the following table. These values supersede the undetermined peak discharge published in their respective annual water data reports.

Water Year	Date	Gage Height (ft)	Discharge (ft ³ /s)
2001	Dec 17, 2000	3.38	144
2002	May 13, 2002	2.94	90
2003	Jun 21, 2003	3.38	144
2004	Dec 11, 2003	3.22	123
2005	Nov 28, 2004	3.19	119
2006	Jul 22, 2006	4.01	244

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Discharge, in ft ³ /s
Oct 28, 2006	8.48
Apr 15, 2007	37.0
Aug 17, 2007	0.02
Sep 19, 2007	0.01