

HACKENSACK RIVER BASIN

01378570 HACKENSACK RIVER AT HACKENSACK, NJ

LOCATION.--Lat 40°52'46", long 74°02'23", Bergen County, Hydrologic Unit 02030103, on upstream ice breaker on Dillard Memorial Bridge carrying Fort Lee Road (Court Street) between Hackensack and Bogota, 1100 ft east of Bergen County Courthouse, and 16 mi upstream from the mouth and Newark Bay.

PERIOD OF RECORD.--June 1997 to April 2000 (unpublished fragmentary gage-height record), April 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is at 0.00 ft NAVD of 1988. To determine approximate elevations to NGVD of 1929 elevation, add 1.01 ft. To determine approximate elevations to Mean Lower Low Water Datum, add 3.35 ft (revised to Tidal Epoch 1983-2001).

REMARKS.--Missing gage-height record Jan. 20, Jan. 24, Jan. 27 to Jan. 29, Feb. 1 to Feb. 3, and short portions of numerous other days. Summaries for months with short periods of missing gage-height record have been estimated with little or no loss of accuracy unless otherwise noted. Some periods cannot be estimated and are noted by dashed (---) lines. Satellite stage telemetry at station.

EXTREMES FOR PERIOD OF PUBLISHED RECORD.--Maximum elevation recorded, 5.29 ft (NAVD of 1988), Dec. 25, 2002; minimum elevation recorded, -7.32 ft (NAVD of 1988), Dec. 12, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 5.17 ft (NAVD of 1988), Nov. 28; minimum elevation recorded, -6.70 ft (NAVD of 1988), Mar. 9.

TIDE ELEVATIONS, IN FEET, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Month	Maximum high tide		Minimum low tide		Monthly mean high tide	Monthly mean water level	Monthly mean low tide
	Date	Elevation	Date	Elevation			
OCT	24	4.55	17	-4.17	3.21	0.64	-2.54
NOV	28	5.17	26	-4.52	2.82	0.22	-2.98
DEC	10	5.02	1	-4.96	2.74	-0.3e	-3.2e
JAN	12	4.71	10	-4.90	---	---	---
FEB	10	4.44	11	-4.82	---	---	---
MAR	1	4.44	9	-6.70	2.76	0.15	-3.03
APR	3	5.02	8	-4.53	3.19	0.61	-2.61
MAY	24	4.91	5	-3.92	3.26	0.61	-2.65
JUN	22	4.18	25	-4.27	3.13	0.47	-2.82
JUL	21	4.51	23	-4.36	3.10	0.48	-2.76
AUG	19	4.50	22	4.25	3.02	0.44	-2.71
SEP	16	4.28	18	-4.28	2.87	0.31	-2.91

e Estimated