

01407600 SHREWSBURY RIVER AT SEA BRIGHT, NJ

LOCATION.--Lat 40°21'56", long 73°58'29", Monmouth County, Hydrologic Unit 02030104, on right upstream wingwall of bridge on Rumson Road (County Route 520) in Sea Bright, 0.5 mi downstream of Gunning Island, and 3.3 mi south of Sandy Hook Bay.

PERIOD OF RECORD.--August 1997 to December 1999 (unpublished fragmentary gage-height record), January 2000 to current year.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, add 1.20 ft. To determine approximate elevations to Mean Lower Low Water Datum, add 2.19 ft (revised to Tidal Epoch 1983-2001).

REMARKS.-- Missing gage-height record Jan. 20, Jan. 24 to Feb. 3, Feb. 6, Apr. 10, Apr. 30 to May 1, Jun. 12, Jun. 18 to Jun. 19, Jul. 4, Aug. 6, Sep. 4 to Sep. 5, Sep. 14 to Sep. 15, Sep. 18, and short portions of other days. Ice effect was evident Jan. 19 to Mar. 10. Gage cannot measure tide levels below -1.92 ft (NAVD of 1988). All monthly minimum elevations, and most monthly mean low tides and monthly mean water levels are undetermined. Summaries for months with short periods of missing gage-height record have been estimated with little or no loss of accuracy. 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, 4.48 ft (NAVD of 1988), Dec. 6, 2003.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation known, about 7.3 ft (adjusted to NAVD of 1988), Dec. 11, 1992, from high-water marks along Ocean Drive (State Route 36) in Sea Bright within 1 mi of the gage. High-water mark from the March 6, 1962 Nor'easter was found to be of 5.6 ft (NAVD of 1988) on Lincoln Avenue in Rumson, about 600 ft south of bridge on Rumson Road.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 4.17 ft (NAVD of 1988), May 25.

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	3.53	---	---	2.13	0.50	-1.10
NOV	13	3.46	---	---	1.66	---	---
DEC	10	3.60	---	---	1.55	---	---
JAN	23	3.86	---	---	---	---	---
FEB	10	3.26	---	---	---	---	---
MAR	1	3.63	---	---	1.64	---	---
APR	3	3.59	---	---	2.0e	---	---
MAY	25	4.17	---	---	2.1e	0.4e	-1.2e
JUN	22	2.96	---	---	1.9e	---	---
JUL	22	3.09	25	-1.86	1.90	0.3e	-1.4e
AUG	19	3.04	22	-1.72	1.83	0.20	-1.43
SEP	16	3.00	---	---	---	---	---

e Estimated



01383500 Wanaque River at Awosting, NJ
(file photograph, U.S. Geological Survey, West Trenton, New Jersey)