

01413038 COHANSEY RIVER AT GREENWICH, NJ

LOCATION.--Lat 39°22'45", long 75°21'19", Cumberland County, Hydrologic Unit 02040206, on private pier at Hancock Harbor Marina, 600 ft downstream of Pine Mount Creek, 0.5 mi downstream of Greenwich Pier, 1.2 mi southwest of Greenwich, 4.4 mi upstream of mouth and Delaware Bay, and 7.4 mi southwest of Bridgeton.

PERIOD OF RECORD.--Tidal crest-stage gage 1979-2001, located 0.5 mi upstream at Greenwich Pier. Oct. 28, 1996 to April 27, 2000, (unpublished fragmentary gage-height record), Apr. 28, 2000 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is NAVD of 1988. To determine approximate elevations to NGVD of 1929, add 1.34 ft. To determine approximate elevations to Mean Lower Low Water Datum, add 3.07 ft (revised to Tidal Epoch 1983-2001).

REMARKS.--Missing gage-height record for Jan. 19, 20, 22 to Feb. 4, 14-22, and Aug. 21-22, 25, 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. Annual peak stages in the USGS Peak Flow File have all be adjusted to NAVD of 1988. Satellite stage telemetry at station.

EXTREMES FOR PERIOD OF PUBLISHED RECORD.--Maximum elevation recorded, 5.99 ft (adjusted to NAVD of 1988), Oct. 25, 1980; minimum elevation recorded, estimated at -6.0 ft (NAVD of 1988), Mar. 9, 2005.

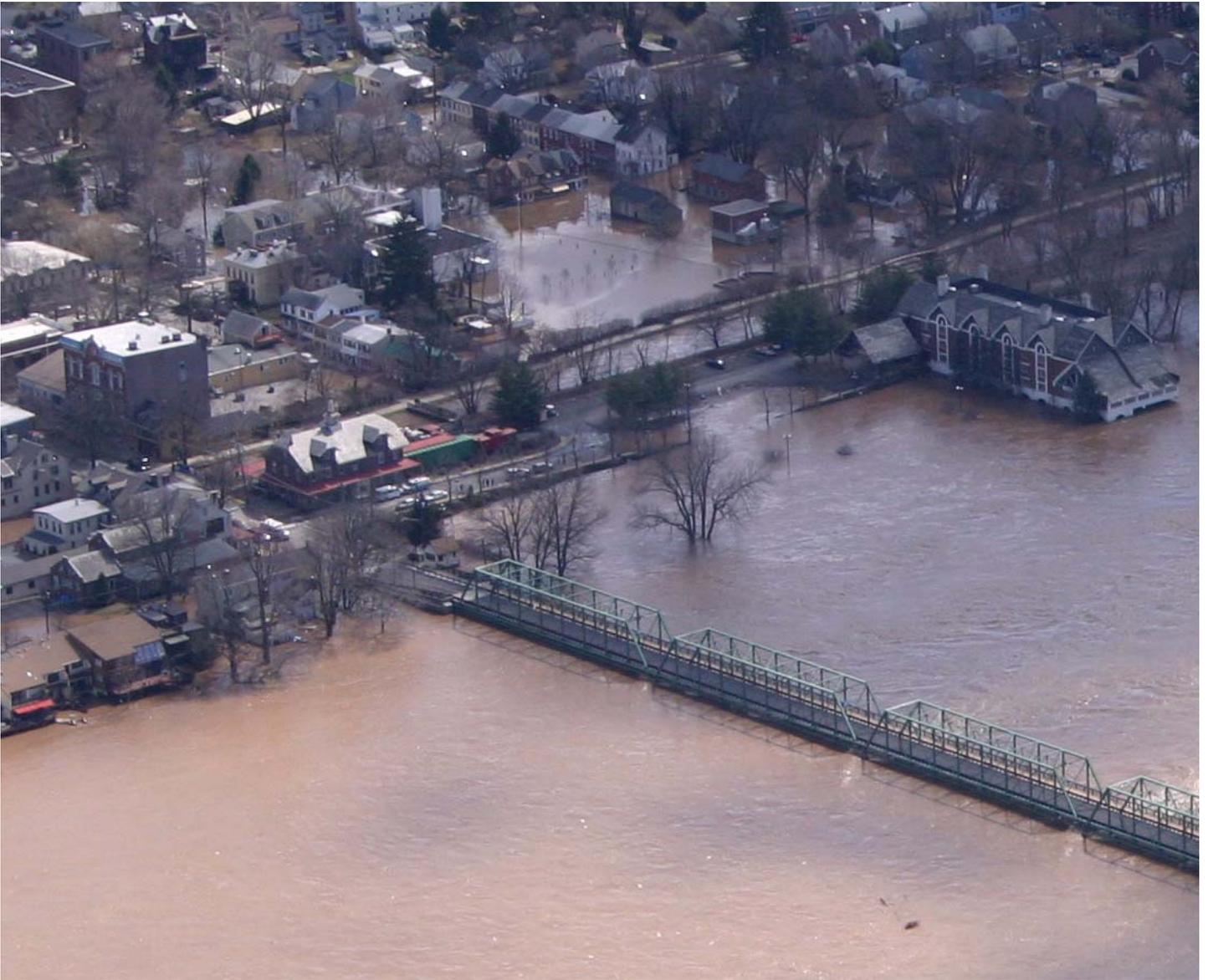
EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation known, 7.5 ft (adjusted to NAVD of 1988), Nov. 25, 1950, from high-water mark reported by the U.S. Army Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 4.50 ft (NAVD of 1988), May 26; minimum elevation recorded, estimated at -6.0 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	15	4.16	17	-4.22	2.86	0.43	-2.48
NOV	28	3.76	26	-4.43	2.36	-0.12	-3.03
DEC	11	4.14	20	-4.91	2.16	-0.41	-3.41
JAN	10	3.74	14	-4.74	---	---	---
FEB	9	3.54	11	-4.94	---	---	---
MAR	29	3.73	9	-6.0e	2.24	-0.24	-3.13
APR	2	4.25	8	-3.74	2.83	0.33	-2.69
MAY	26	4.50	4	-3.78	2.84	0.36	-2.64
JUN	24	3.74	22	-3.67	2.65	0.17	-2.80
JUL	23	3.83	25	-3.56	2.70	0.23	-2.70
AUG	19	3.97	17	-3.47	2.66	0.15	-2.80
SEP	16	3.84	21	-3.96	2.57	0.10	-2.83

e Estimated



Aerial photograph of Delaware River overflowing its banks in Lambertville, New Jersey on April 4, 2005
(photograph taken by John Jenks)