

01408050 MANASQUAN RIVER AT POINT PLEASANT, NJ

MANASQUAN RIVER BASIN

LOCATION.--Lat 40°06'06", long 74°02'15" referenced to North American Datum of 1983, Pt Pleasant Beach Boro, Ocean County, NJ, Hydrologic Unit 02040301, on right bank along Cooks Creek at the U.S. Coast Guard Station Manasquan Inlet in Point Pleasant, 0.3 mi west of inlet mouth, and 0.7 mi east of bridge on State Route 35 over Manasquan River.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Unpublished fragmentary gage-height record, September 1997 to May 2000. Continuous-record tide gage, June 2000 to current year.

GAGE.--Tide level, water temperature, precipitation, air temperature, relative humidity, air pressure, and wind speed and direction recorder. Datum of gage is at 0.00 ft NAVD of 1988. To determine approximate elevations to NGVD of 1929, add 1.10 ft.

REMARKS.--Missing gage-height record on Oct 18 through Jul 17 due to the gage being removed and on short portions of other days. Gage cannot measure tide levels below -2.75 ft. Tide levels below -2.75 ft have been estimated. Prior to Jun 24, 2009, gage could not measure tide levels below -3.65 ft. 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.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 5.85 ft, Aug 28, 2011; minimum elevation, estimated at -5.4 ft, Mar 9, 2008.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation known, 6.96 ft (adjusted to NAVD of 1988), Dec 11, 1992, from high-water mark at 58 Channel Drive across Cooks Creek from the U.S. Coast Guard Station.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 3.56 ft, Oct 1, although a higher tide occurred on Jun 4 during a period of missing record; minimum elevation, estimated at -3.3 ft, Sep 1, although a lower tide occurred on Feb 26 during a period of missing record.

Statistics of Tide Elevations, in feet
Water Year October 2011 to September 2012
[e, estimated]

Month	Mean High Tide	Mean Water Level	Mean Low Tide
October	---	---	---
November	---	---	---
December	---	---	---
CALENDAR YEAR 2011	e2.1	e0.1	-1.53
January	---	---	---
February	---	---	---
March	---	---	---
April	---	---	---
May	---	---	---
June	---	---	---
July	---	---	---
August	1.93	-0.05	-2.10
September	1.84	-0.11	-2.11
WATER YEAR 2012	---	---	---

01408050 MANASQUAN RIVER AT POINT PLEASANT, NJ—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
[e, estimated]

Day	High-high	Mean	Low-low									
	October			July			August			September		
1	3.56	0.61	-1.71	---	---	---	2.99	0.08	-2.51	2.39	e-0.3	e-3.3
2	3.04	0.58	-1.49	---	---	---	2.79	0.08	-2.55	2.49	0.11	-2.24
3	2.60	0.36	-1.54	---	---	---	2.40	-0.13	-2.83	2.34	0.13	-2.18
4	2.29	0.29	-1.66	---	---	---	1.99	-0.33	-2.89	2.09	0.08	-1.94
5	2.36	0.44	-1.25	---	---	---	1.75	-0.44	-2.82	1.87	-0.11	-1.77
6	2.06	0.30	-1.87	---	---	---	1.49	-0.51	-2.98	1.82	-0.04	-1.69
7	2.13	0.37	-1.10	---	---	---	1.58	-0.29	-2.38	1.61	-0.05	-1.46
8	1.77	-0.04	-1.88	---	---	---	1.58	-0.18	-1.93	1.71	0.08	-1.17
9	1.82	-0.23	-2.36	---	---	---	1.61	-0.13	-1.82	1.47	-0.02	-1.26
10	2.20	0.18	-1.94	---	---	---	1.83	0.08	-1.34	1.58	-0.08	-1.60
11	2.57	0.54	-1.72	---	---	---	1.60	0.00	-1.48	1.38	-0.14	-1.85
12	3.12	1.12	-1.06	---	---	---	1.63	-0.02	-1.47	1.46	-0.26	-1.81
13	3.41	1.20	-0.90	---	---	---	1.75	-0.06	-1.73	1.75	-0.40	-2.36
14	3.33	1.09	-0.75	---	---	---	2.03	-0.02	-1.64	2.04	-0.31	-2.53
15	1.92	-0.06	-2.00	---	---	---	2.35	0.16	-1.75	2.16	-0.26	-2.69
16	1.64	-0.36	-2.12	---	---	---	2.36	0.14	-2.02	2.45	-0.16	-2.74
17	---	---	-1.68	---	---	---	2.54	0.06	-2.26	2.49	e-0.2	e-3.1
18	---	---	---	2.05	---	---	2.64	0.10	-2.55	3.06	0.19	-2.73
19	---	---	---	2.51	0.02	-2.47	2.50	0.11	-2.40	2.78	-0.19	-2.60
20	---	---	---	2.83	0.41	-2.04	2.61	0.19	-2.29	2.75	0.01	-2.46
21	---	---	---	2.37	0.15	-2.07	2.52	0.00	-2.35	2.46	0.06	-1.96
22	---	---	---	2.09	-0.16	-2.44	2.42	-0.08	-2.37	2.36	0.07	-1.78
23	---	---	---	1.94	-0.29	-2.63	2.35	-0.10	-2.22	1.98	-0.22	-2.13
24	---	---	---	1.95	-0.15	-2.57	2.16	-0.15	-2.16	1.86	-0.19	-2.21
25	---	---	---	2.11	-0.05	-2.40	2.32	0.02	-1.94	1.67	-0.37	-2.74
26	---	---	---	2.09	-0.13	-2.26	2.38	0.10	-1.96	1.73	-0.48	-2.51
27	---	---	---	2.06	-0.12	-2.27	2.21	-0.01	-2.27	1.83	-0.44	-2.74
28	---	---	---	2.50	0.03	-2.18	2.30	-0.10	-2.40	2.28	0.06	-2.51
29	---	---	---	2.45	0.04	-2.30	2.77	0.11	-2.55	2.22	-0.01	-2.41
30	---	---	---	2.88	0.16	-2.25	2.52	0.00	-2.41	2.49	0.09	-2.07
31	---	---	---	3.04	0.24	-2.26	1.98	-0.35	-2.74	---	---	---
Max	---	---	---	3.04	---	---	2.99	0.19	-1.34	3.06	0.19	-1.17
Min	---	---	---	---	---	---	1.49	-0.51	-2.98	1.38	-0.48	e-3.3

01408050 MANASQUAN RIVER AT POINT PLEASANT, NJ—Continued

