01409335 LITTLE EGG INLET NEAR TUCKERTON, NJ

GREAT BAY

LOCATION.--Lat 39°30′32″, long 74°19′29″ referenced to North American Datum of 1983, Little Egg Harbor Twp, Ocean County, NJ, Hydrologic Unit 02040301, on west end of docking pier at Rutgers University Marine Field Station (old U.S. Coast Guard Station) along Shooting Thorofare, 2.0 mi west of Atlantic Ocean, 4.3 mi southwest of Holgate (Long Beach Island), and 6.6 mi southeast of Tuckerton.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous-record tide gage, water years 1971-1975 (published as "Shooting Thorofare near Tuckerton, NJ"), Jan 24, 2001 to current year. Unpublished fragmentary gage-height record, July 1997 to Jan 23, 2001.

GAGE.--Tide level recorder and tidal crest-stage gage. Datum of gage is at 0.00 ft NAVD of 1988. To determine approximate elevations to NGVD of 1929, add 1.26 ft. To determine approximate elevations to Mean Lower Low Water datum, add 1.97 ft (revised to Tidal Epoch 1983-2001).

REMARKS.--Missing gage-height record Jan 11 and 30 and portions of other days. 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 telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 4.61 ft (adjusted to NAVD of 1988), Feb 19, 1972; minimum elevation recorded, -4.38 ft, Mar 9, 2005, although a lower tide may have occurred during a period of partially missing record on Feb 17, 2007.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation known, 3.68 ft (adjusted to NAVD of 1988), Dec 11, 1992, from high-water mark at Rand's boat rental dock 2.1 mi north of tide gage.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 4.53 ft, Nov 13; minimum elevation recorded, -3.92 ft, Dec 11.

Statistics of Tide Elevations, in feet
Water Year October 2009 to September 2010
[e, estimated]

Month	Mean High Tide	Mean Water Level	Mean Low Tide
October	1.88	0.45	-0.94
November	1.88	0.47	-0.89
December	1.33	-0.12	-1.57
CALENDAR YEAR 2009	1.49	0.03	-1.41
January	e1.4	---	---
February	1.45	-0.04	-1.48
March	2.00	0.51	-0.94
April	1.53	0.03	-1.42
May	1.40	-0.08	-1.51
June	1.55	0.08	-1.36
July	1.50	0.02	-1.42
August	1.73	0.26	-1.15
September	1.71	0.25	-1.18
WATER YEAR 2010	1.62	0.16	-1.27

01409335 LITTLE EGG INLET NEAR TUCKERTON, NJ—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low
		October			November			December			January	
1	1.59	-0.03	-1.38	1.84	0.00	-1.55	2.02	-0.06	-1.75	2.71	0.34	-1.78
2	1.87	0.12	-1.51	2.81	1.08	-1.18	2.11	-0.03	-1.88	2.80	0.18	-1.72
3	1.84	0.27	-1.30	3.13	0.95	-0.58	2.42	0.09	-1.78	0.65	---	-2.66
4	1.94	0.16	-1.39	2.45	0.23	-1.38	1.94	-0.29	-2.37	2.01	---	---
5	1.79	-0.15	-1.78	2.62	0.33	-1.49	2.76	0.50	-1.85	1.84	---	---
6	1.88	-0.09	-1.88	2.30	0.15	-1.67	2.24	0.16	-1.57	1.47	---	---
7	1.93	-0.34	-2.28	2.49	0.27	-1.16	1.87	-0.09	-1.75	1.28	-0.50	-2.10
8	1.29	-0.70	-2.51	1.58	-0.39	-1.84	1.17	-0.50	-2.06	1.30	-0.45	-2.10
9	2.26	0.12	-1.37	1.64	-0.29	-1.71	2.73	1.38	-0.36	1.34	---	-1.83
10	1.88	0.01	-1.39	1.30	-0.40	-1.86	2.22	-0.32	-2.76	1.53	---	---
11	1.89	0.05	-1.55	2.61	0.86	-0.47	-0.03	-2.11	-3.92	---	---	---
12	1.72	-0.15	-1.62	4.00	2.44	1.21	-0.58	-1.93	-3.54	---	---	---
13	1.75	-0.05	-1.67	4.53	2.92	1.70	1.09	-0.55	-1.84	1.27	-0.56	-2.28
14	2.10	0.26	-1.33	4.12	1.93	0.47	1.76	-0.11	-2.36	1.66	-0.24	-1.86
15	3.17	1.00	-1.11	2.79	0.66	-0.94	2.48	0.27	-1.28	1.59	-0.47	-2.01
16	3.91	2.27	0.68	2.19	0.15	-1.48	1.69	-0.42	-1.88	1.26	-0.70	-2.22
17	4.02	2.14	0.49	2.43	0.32	-1.49	1.35	-0.78	-2.28	2.39	0.24	-1.90
18	4.14	2.14	0.48	2.39	0.41	-1.10	1.95	-0.10	-1.98	2.76	1.05	-0.36
19	3.00	1.06	-0.72	2.13	0.17	-1.28	2.92	1.37	-1.04	2.54	0.88	-0.50
20	2.13	0.16	-1.48	1.94	0.10	-1.27	2.97	1.23	-0.43	1.60	0.16	-1.23
21	2.11	0.11	-1.36	1.53	-0.15	-1.38	1.55	-0.20	-1.68	1.47	0.14	-1.08
22	1.97	0.06	-1.22	1.84	0.36	-0.92	0.86	-0.68	-1.88	1.80	0.64	-0.47
23	2.09	0.41	-1.36	2.38	1.18	0.21	0.97	-0.46	-1.81	2.21	0.76	-0.63
24	2.28	0.82	-0.26	2.09	0.96	-0.52	1.04	-0.15	-1.29	1.81	0.12	-1.19
25	1.36	-0.08	-1.32	1.86	0.62	-0.51	2.04	0.65	-0.46	2.03	0.67	-0.88
26	1.36	0.04	-1.13	1.78	0.64	-0.53	2.54	1.50	0.26	2.28	0.02	-2.07
27	1.84	0.52	-0.47	2.22	0.63	-1.52	2.75	0.71	-1.27	1.48	-0.43	-1.75
28	2.15	1.16	-0.09	0.39	-1.34	-2.75	1.82	-0.24	-2.17	1.92	-0.31	-2.15
29	2.70	1.52	0.77	1.00	-0.41	-1.69	0.74	-1.58	-3.41	1.25	---	-2.87
30	2.13	0.77	-0.57	1.76	-0.13	-1.64	0.83	-0.97	-2.66	---	---	---
31	2.06	0.41	-0.90	---	---	---	2.15	-0.08	-2.42	2.52	---	-1.83
Max	4.14	2.27	0.77	4.53	2.92	1.70	2.97	1.50	0.26	2.80	1.05	-0.36
Min	1.29	-0.70	-2.51	0.39	-1.34	-2.75	-0.58	-2.11	-3.92	0.65	-0.70	---

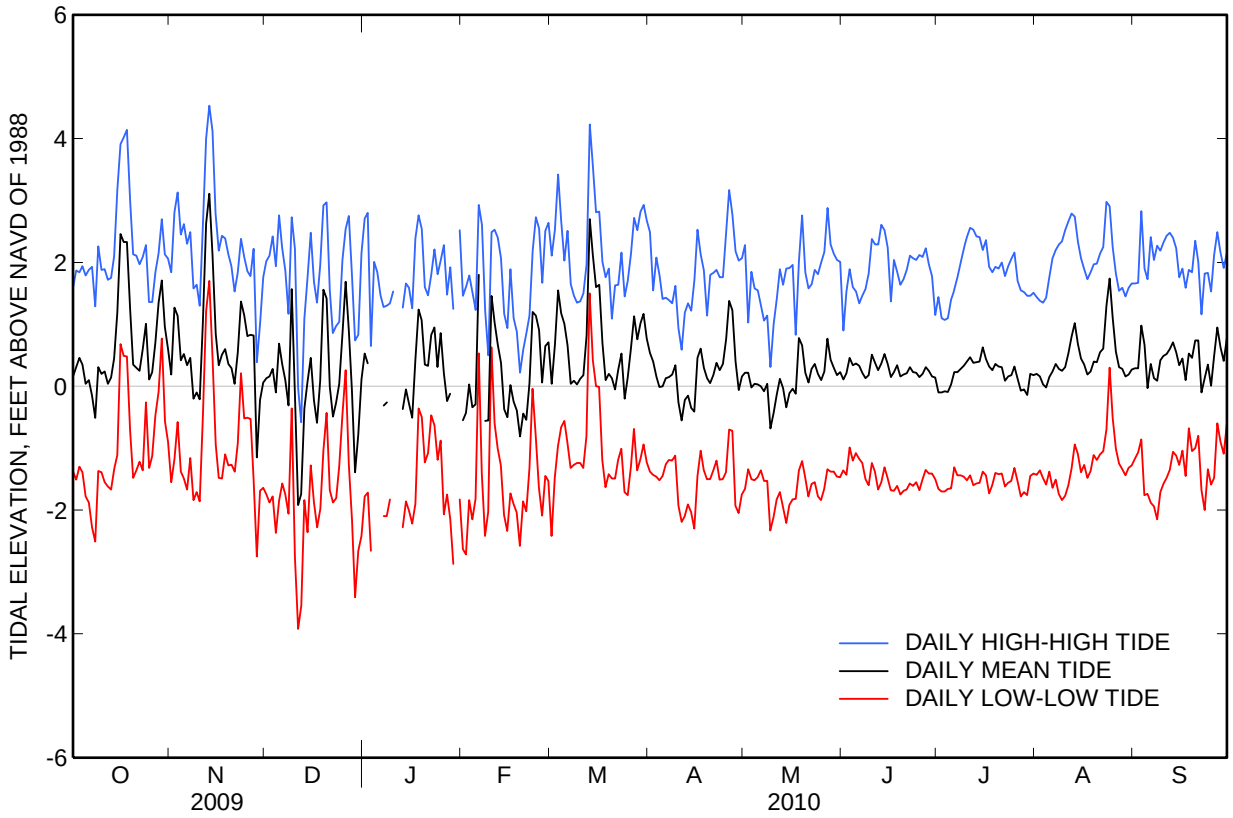
01409335 LITTLE EGG INLET NEAR TUCKERTON, NJ—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low
		February			March			April			May	
1	1.46	-0.74	-2.63	2.11	-0.15	-2.42	2.49	0.35	-1.38	2.28	0.03	-1.66
2	1.61	-0.62	-2.72	2.53	0.48	-1.48	1.55	0.21	-1.43	1.03	0.03	-1.34
3	1.79	-0.16	-1.84	3.42	1.36	-0.97	2.08	-0.03	-1.46	1.85	-0.21	-1.50
4	1.51	-0.53	-2.15	2.68	0.99	-0.66	1.79	-0.20	-1.52	1.58	-0.15	-1.52
5	1.23	-0.48	-1.82	2.03	0.82	-0.56	1.41	-0.19	-1.45	1.55	-0.16	-1.47
6	2.93	1.61	0.53	2.51	0.47	-0.91	1.43	-0.06	-1.26	1.30	-0.19	-1.36
7	2.61	---	-1.41	1.65	-0.15	-1.32	1.39	-0.04	-1.19	1.06	-0.27	-1.53
8	1.22	-0.75	-2.42	1.46	-0.10	-1.27	1.34	0.00	-1.20	1.14	-0.15	-1.53
9	0.50	-0.74	-2.03	1.35	-0.16	-1.24	1.62	0.15	-1.12	0.31	-0.87	-2.33
10	2.49	1.27	0.63	1.37	-0.07	-1.24	0.94	-0.45	-1.93	1.00	-0.62	-2.12
11	2.53	0.84	-0.60	1.50	-0.01	-1.32	0.59	-0.74	-2.19	1.42	-0.33	-1.83
12	2.40	0.48	-1.00	1.97	0.63	-0.81	1.19	-0.41	-2.10	1.89	-0.07	-1.71
13	2.07	0.19	-1.28	4.23	2.51	1.50	1.34	-0.34	-1.91	1.64	-0.22	-1.96
14	1.17	-0.56	-2.08	3.53	1.93	0.42	1.22	-0.54	-2.03	1.90	-0.53	-2.21
15	0.94	-0.69	-2.34	2.81	1.41	0.00	1.72	-0.60	-2.30	1.91	-0.30	-1.92
16	1.89	-0.17	-1.73	2.82	1.45	-0.01	2.53	0.27	-1.45	1.96	-0.23	-1.83
17	1.10	-0.44	-1.90	2.01	0.51	-1.19	2.13	0.42	-1.04	0.83	-0.31	-1.82
18	0.88	-0.58	-2.04	1.76	-0.09	-1.63	1.87	0.11	-1.35	2.02	0.59	-1.36
19	0.22	-1.00	-2.58	1.90	0.01	-1.42	1.14	-0.06	-1.50	2.76	0.47	-1.21
20	0.59	-0.63	-1.86	1.09	-0.06	-1.49	1.80	-0.14	-1.50	1.84	0.03	-1.47
21	0.86	-0.73	-2.02	1.63	-0.24	-1.49	1.83	-0.01	-1.36	1.58	-0.13	-1.78
22	1.14	-0.14	-1.32	1.64	0.08	-1.19	1.88	0.19	-1.20	1.65	0.09	-1.58
23	2.19	1.01	-0.04	2.16	0.34	-1.01	1.76	0.07	-1.51	1.88	0.17	-1.55
24	2.73	0.95	-0.80	1.45	-0.39	-1.71	1.76	0.17	-1.50	1.81	0.01	-1.78
25	2.55	0.72	-1.64	1.70	-0.05	-1.76	2.48	0.57	-1.39	2.00	-0.09	-1.84
26	1.67	-0.13	-2.09	2.13	0.42	-1.30	3.17	1.19	-0.70	2.17	0.05	-1.66
27	2.51	0.46	-1.45	2.72	0.94	-0.69	2.78	1.04	-0.72	2.88	0.58	-1.34
28	2.64	0.52	-1.53	2.52	0.57	-1.36	2.18	0.21	-1.93	2.29	0.24	-1.38
29	---	---	---	2.82	0.83	-1.18	2.03	-0.25	-2.05	2.14	0.11	-1.38
30	---	---	---	2.93	0.98	-0.94	2.07	-0.03	-1.75	2.04	-0.01	-1.46
31	---	---	---	2.68	0.58	-1.23	---	---	---	2.01	0.04	-1.47
Max	2.93	1.61	0.63	4.23	2.51	1.50	3.17	1.19	-0.70	2.88	0.59	-1.21
Min	0.22	-1.00	-2.72	1.09	-0.39	-2.42	0.59	-0.74	-2.30	0.31	-0.87	-2.33

01409335 LITTLE EGG INLET NEAR TUCKERTON, NJ—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low
		June			July			August			September	
1	0.90	-0.08	-1.36	1.44	-0.29	-1.66	1.44	0.01	-1.43	1.66	0.10	-1.17
2	1.53	0.02	-1.43	1.10	-0.29	-1.70	1.38	-0.03	-1.36	1.67	0.10	-1.07
3	1.89	0.27	-0.99	1.07	-0.27	-1.70	1.35	-0.16	-1.48	2.83	0.79	-0.86
4	1.60	0.15	-1.20	1.10	-0.28	-1.66	1.43	-0.21	-1.59	1.90	0.48	-1.76
5	1.53	0.18	-1.08	1.40	-0.16	-1.65	1.76	-0.04	-1.38	1.73	-0.22	-1.74
6	1.34	0.14	-1.17	1.55	0.04	-1.31	2.07	0.05	-1.64	2.41	0.17	-1.88
7	1.46	0.03	-1.24	1.78	0.04	-1.44	2.20	0.17	-1.51	2.04	-0.06	-1.94
8	1.57	-0.06	-1.50	1.99	0.09	-1.44	2.29	0.09	-1.74	2.27	-0.10	-2.15
9	1.82	-0.01	-1.60	2.21	0.14	-1.46	2.34	0.06	-1.84	2.19	0.23	-1.71
10	2.38	0.32	-1.24	2.41	0.21	-1.52	2.52	0.12	-1.77	2.32	0.30	-1.58
11	2.29	0.19	-1.38	2.56	0.28	-1.44	2.66	0.34	-1.60	2.43	0.33	-1.48
12	2.29	0.07	-1.67	2.53	0.19	-1.60	2.79	0.61	-1.33	2.48	0.41	-1.35
13	2.61	0.18	-1.55	2.42	0.20	-1.57	2.74	0.83	-0.94	2.40	0.52	-1.06
14	2.52	0.33	-1.31	2.41	0.21	-1.56	2.33	0.49	-1.09	2.23	0.36	-1.12
15	2.24	0.17	-1.49	2.20	0.44	-1.38	2.07	0.26	-1.39	1.76	0.15	-1.27
16	1.37	-0.04	-1.68	2.36	0.25	-1.44	1.89	0.16	-1.27	1.90	0.26	-1.04
17	2.04	0.04	-1.69	1.93	0.13	-1.73	1.73	0.00	-1.48	1.59	-0.09	-1.45
18	1.85	0.15	-1.61	1.84	0.07	-1.60	1.84	0.05	-1.37	1.88	0.34	-0.68
19	1.64	-0.03	-1.75	1.93	0.17	-1.40	1.97	0.21	-1.11	1.84	0.27	-1.05
20	1.73	0.00	-1.69	1.90	0.13	-1.42	1.98	0.20	-1.19	2.35	0.55	-1.00
21	1.88	0.02	-1.67	2.00	0.12	-1.41	2.14	0.36	-1.10	2.01	0.55	-0.80
22	2.11	0.12	-1.57	1.78	-0.10	-1.62	2.25	0.42	-1.05	1.16	-0.29	-1.68
23	2.07	0.04	-1.61	1.94	-0.03	-1.56	2.98	1.11	-0.70	1.82	-0.06	-2.00
24	2.04	0.03	-1.55	2.06	-0.01	-1.53	2.91	1.55	0.30	1.83	0.16	-1.34
25	2.12	-0.04	-1.68	2.16	0.13	-1.32	2.25	0.92	-0.51	1.53	-0.18	-1.59
26	2.09	0.01	-1.51	1.70	-0.07	-1.54	1.82	0.37	-1.01	2.12	0.30	-1.48
27	2.23	0.12	-1.35	1.55	-0.26	-1.78	1.54	0.12	-1.25	2.49	0.76	-0.60
28	1.97	0.06	-1.41	1.52	-0.24	-1.71	1.59	0.09	-1.34	2.16	0.44	-0.90
29	1.78	-0.03	-1.41	1.46	-0.33	-1.76	1.45	-0.03	-1.44	1.91	0.22	-1.09
30	1.15	-0.05	-1.50	1.46	0.01	-1.45	1.59	0.00	-1.32	2.16	0.59	-0.60
31	---	---	---	1.51	-0.01	-1.41	1.66	0.08	-1.28	---	---	---
Max	2.61	0.33	-0.99	2.56	0.44	-1.31	2.98	1.55	0.30	2.83	0.79	-0.60
Min	0.90	-0.08	-1.75	1.07	-0.33	-1.78	1.35	-0.21	-1.84	1.16	-0.29	-2.15

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