

**Table 1.** East Coast tide station information. Station numbers correspond to the numbers in Figures 3-9. Station names marked with an asterisk (\*) are near-open coast stations: ones that are not fully located on the open coast but were needed to fill gaps where few or no open coast stations were found. Stations marked with a dagger (†) are ones whose elevations for MHW and MHHW above NAVD 88 were calculated using the Mean Tide Level (MTL) Method, which assumes a constant elevation of MTL above NAVD 88 (-0.14 m) along the coasts of New England and New York.

The location (latitude and longitude) of each station is listed, and elevations of MHW, MHHW, and MTL are given with respect to NAVD 88. The Length of Series (the number of months or years used in the computation of the tidal datums) defines the station type. Type 1 indicates a primary tide station, type 2 indicates a secondary station, and type 3 indicates a tertiary station. Some observations were not counted as days but rather as the number of high and low waters used in the computation. These high and low water series typically do not consist of a whole month of data (S. Lyles, NOAA, pers. comm) and therefore are not classified as primary, secondary, or tertiary stations. TD, BM, or MTL Method indicates whether the Tidal Datum, Bench Mark, or Mean Tide Level Method was used to calculate the heights of the tidal datums above NAVD 88. If the BM Method was used, the number of bench marks used in the averaging is also listed. If the MTL Method was used, a "td" or "tp" is also listed, indicating whether the data for that station came from the tidal datums (td) on the bench mark sheets or from the Center for Operational Oceanographic Products and Services (CO-OPS) tidal prediction pages (tp). Additional notes on any tide station are given when necessary. Station names, locations, tidal datum elevations, and length of series data are from <http://co-ops.nos.noaa.gov/bench.html> or <http://co-ops.nos.noaa.gov/tides03/>.

Tide Station Number	Tide Station Name	North Latitude (degrees)	West Longitude (degrees)	MHW above NAVD 88 (meters)	MHHW above NAVD 88 (meters)	MTL above NAVD 88 (meters)	Length of Series Used to Compute Tidal Datums (mo=months; yr=years)	Type of Tide Station	TD, BM, or MTL Method	Notes
1	* Bar Harbor, ME	44.392	68.205	1.48	1.61	-0.14	16 yr	2	TD	Located in Frenchman Bay
2	* Rockland, ME	44.105	69.102	1.47	1.33	-0.16	10 yr	2	BM: 1	Only 1 bench mark was used to calculate the elevation of MHW above NAVD 88
3	† Fort Popham, ME	43.750	69.780	1.14	N/A	-0.14	N/A	N/A	MTL: tp	
4	† South Harpswell, ME	43.730	70.020	1.22	N/A	-0.14	N/A	N/A	MTL: tp	

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5	† Vaill Island, ME	43.677	70.155	1.22	1.36	-0.14	41 HW & 40 LW	N/A	MTL: td	
6	* Portland, ME	43.657	70.247	1.27	1.41	-0.12	19 yr	1	TD	Located in Casco Bay
7	† Old Orchard Beach, ME	43.520	70.370	1.20	N/A	-0.14	N/A	N/A	MTL: tp	
8	† Wood Island Harbor, ME	43.450	70.350	1.18	N/A	-0.14	N/A	N/A	MTL: tp	
9	† Cape Porpoise, ME	43.370	70.430	1.18	N/A	-0.14	N/A	N/A	MTL: tp	
10	† Cape Neddick, ME	43.167	70.593	1.18	1.32	-0.14	1 mo	3	MTL: td	
11	† Fort Point, York Harbor, ME	43.13	70.638	1.19	1.33	-0.14	1 mo	3	MTL: td	
12	† Seapoint, ME	43.085	70.662	1.19	N/A	-0.14	62 HW & 61 LW	NA	MTL: td	
13	† Appledore Island, ME	42.988	70.618	1.19	1.32	-0.14	1 mo	3	MTL: td	
14	* Rockport Harbor, MA	42.658	70.615	1.21	1.34	-0.13	2 mo	3	BM: 1	Located in a harbor; only 1 bench mark was used to calculate the elevation of MHW above NAVD 88
15	† Salem Harbor, MA	42.523	70.877	1.23	1.36	-0.14	93 HW & 92 LW	N/A	MTL: td	
16	† Nahant, MA	42.42	70.92	1.23	N/A	-0.14	N/A	N/A	MTL: tp	
17	* Boston, MA	42.355	71.052	1.29	1.43	-0.16	19 yr	1	TD	Located in a harbor
18	† Deer Island, MA	42.350	70.970	1.28	N/A	-0.14	N/A	N/A	MTL: tp	
19	† Hull, MA	42.300	70.920	1.28	N/A	-0.14	N/A	N/A	MTL: tp	
20	† Cohasset Harbor, MA	42.250	70.780	1.20	N/A	-0.14	N/A	N/A	MTL: tp	
21	† Gurnet Point, MA	42.00	70.600	1.26	N/A	-0.14	N/A	N/A	MTL: tp	
22	† Cape Cod Canal, MA	41.77	70.5	1.18	N/A	-0.14	N/A	N/A	MTL: tp	
23	† Barnstable Harbor, MA	41.72	70.28	1.31	N/A	-0.14	N/A	N/A	MTL: tp	
24	† Race Point, MA	42.07	70.25	1.23	N/A	-0.14	N/A	N/A	MTL: tp	
25	† Cape Cod Lighthouse, MA	42.00	70.02	1.02	N/A	-0.14	N/A	N/A	MTL: tp	
26	† Nauset Harbor, MA	41.8	69.93	0.77	N/A	-0.14	N/A	N/A	MTL: tp	

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27	† Chatham, MA	41.67	69.93	0.88	N/A	-0.14	N/A	N/A	MTL: tp	
28	† Monomoy Point, MA	41.55	70	0.42	N/A	-0.14	N/A	N/A	MTL: tp	
29	† Wauwinet, MA	41.333	70	0.36	N/A	-0.14	N/A	N/A	MTL: tp	
30	† Siasconset, MA	41.27	69.97	0.04	N/A	-0.14	N/A	N/A	MTL: tp	
31	† Tom Nevers Head, MA	41.23	70.02	0.04	N/A	-0.14	N/A	N/A	MTL: tp	
32	† Tuckernuck Island, MA	41.3	70.25	0.26	N/A	-0.14	N/A	N/A	MTL: tp	
33	† Off Jobs Neck Pond, MA	41.35	70.58	0.27	N/A	-0.14	N/A	N/A	MTL: tp	
34	† Off Chilmark Pond, MA	41.33	70.72	0.30	N/A	-0.14	N/A	N/A	MTL: tp	
35	† Squibnocket Point, MA	41.32	70.77	0.30	N/A	-0.14	N/A	N/A	MTL: tp	
36	† Nomans Land, MA	41.27	70.82	0.32	N/A	-0.14	N/A	N/A	MTL: tp	
37	† Gay Head, MA	41.35	70.83	0.30	N/A	-0.14	N/A	N/A	MTL: tp	
38	† Westport Harbor, MA	41.5	71.1	0.32	N/A	-0.14	N/A	N/A	MTL: tp	
39	* Sakonnet, RI	41.465	71.193	0.38	0.46	-0.12	3 mo	3	TD	
40	† Castle Hill, RI	41.463	71.362	0.36	0.44	-0.14	2 mo	3	MTL: td	
41	† Beavertail Point, RI	41.452	71.402	0.38	0.46	-0.14	2 mo	3	MTL: td	
42	† Narragansett Pier, RI	41.422	71.455	0.36	0.44	-0.14	3 mo	3	MTL: td	
43	† Point Judith, RI	41.363	71.49	0.33	0.40	-0.14	3 mo	3	MTL: td	
44	Weekapaug Point, RI	41.328	71.762	0.22	0.29	-0.17	1 mo	3	TD	Located in Block Island Sound
45	* Watch Hill Point, RI	41.305	71.86	0.23	0.31	-0.16	1 mo	3	TD	Located in Block Island Sound
46	† Noank, CT	41.32	71.98	0.21	N/A	-0.14	N/A	N/A	MTL: tp	
47	† Millstone Point, CT	41.3	72.17	0.27	N/A	-0.14	N/A	N/A	MTL: tp	
48	† Saybrook Jetty, CT	41.27	72.35	0.39	N/A	-0.14	N/A	N/A	MTL: tp	
49	† Shinnecock Inlet, NY	40.837	72.48	0.36	0.45	-0.14	12 mo	2	MTL: td	
50	† Fire Island Breakwater, NY	40.62	73.3	0.48	N/A	-0.14	N/A	N/A	MTL: tp	
51	† Long Beach, NY	40.58	73.65	0.54	N/A	-0.14	N/A	N/A	MTL: tp	
52	† Coney Island, NY	40.57	73.98	0.58	N/A	-0.14	N/A	N/A	MTL: tp	
53	* Fort Wadsworth, NY	40.607	74.055	0.57	0.67	-0.12	3 mo	3	TD	

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54	† New Dorp Beach, NY	40.57	74.1	0.61	N/A	-0.14	N/A	N/A	MTL: tp	
55	† Princes Bay, NY	40.52	74.2	0.61	N/A	-0.14	N/A	N/A	MTL: tp	
56	Long Branch, NJ	40.303	73.977	0.49	0.60	-0.17	6 yr	2	TD	
57	Atlantic City, NJ	39.355	74.418	0.39	0.52	-0.24	15 yr	2	TD	
58	Ventnor Fishing Pier, NJ	39.335	74.477	0.42	0.55	-0.20	4 yr	2	TD	
59	Ocean City Fishing Pier, MD	38.327	75.083	0.31	0.42	-0.22	8 yr	2	TD	
60	Wallops Island, VA	37.842	75.478	0.38	0.50	-0.17	2 mo	3	TD	
61	Virginia Beach, VA-1	36.843	75.972	0.29	N/A	-0.21	6 yr	2	TD	
62	Virginia Beach, VA-2	36.832	75.968	0.21	0.31	-0.30	4 mo	3	TD	
63	Sandbridge Beach, VA	36.692	75.920	0.31	0.40	-0.21	2 mo	3	BM: 4	
64	Duck, NC	36.183	75.747	0.27	0.36	-0.23	8 yr	2	TD	
65	Cape Hatteras Fishing Pier, NC	35.223	75.635	0.24	0.35	-0.23	11 yr	2	BM: 6	
66	Atlantic Beach, NC	34.693	76.712	0.37	0.46	-0.20	14 mo	2	TD	
67	Wilmington Beach, NC	34.032	77.893	0.36	0.46	-0.26	4 mo	3	TD	
68	Yaupon Beach, NC	33.902	78.082	0.49	0.60	-0.23	12 mo	2	TD	
69	Springmaid Fishing Pier, SC	33.655	78.918	0.55	0.67	-0.22	11 yr	2	BM: 8	
70	Garden City Pier, SC	33.575	78.997	0.46	0.57	-0.32	22 mo	2	BM: 3	
71	Pawleys Island Pier, SC	33.432	79.117	0.50	0.61	-0.26	12 mo	2	BM: 2	Only 2 bench marks were used to calculate the elevation of MHW above NAVD 88
72	Isle of Palms Pier, SC	32.783	79.787	0.53	0.65	-0.23	20 mo	2	BM: 2	Only 2 bench marks were used to calculate the elevation of MHW above NAVD 88
73	Edisto Beach, SC	32.502	80.297	0.69	0.80	-0.19	2 yr	2	BM: 9	
74	Port Royal Plantation, SC	32.220	80.668	0.75	0.88	-0.19	2 mo	3	BM: 5	
75	Braddock Point, SC	32.113	80.830	0.81	0.92	-0.22	7 mo	3	BM: 5	
76	* Saint Simons Island, GA	31.132	81.397	0.71	0.82	-0.29	1 yr	2	TD	

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77	Little Talbot Island, FL	30.430	81.405	0.66	0.78	-0.17	4 mo	3	TD	
78	Jacksonville Beach, FL	30.283	81.387	0.58	0.69	-0.20	12 mo	2	TD	
79	Saint Augustine Beach, FL	29.857	81.263	0.45	0.56	-0.26	2 yr	2	TD	
80	Daytona Beach Shores, FL	29.147	80.963	0.28	0.39	-0.32	13 yr	2	TD	
81	Vero Beach, FL	27.670	80.360	0.13	0.23	-0.40	12 mo	2	TD	
82	* Fort Pierce, FL	27.470	80.288	0.00	0.07	-0.40	6 mo	3	TD	Located on the South Jetty of Fort Pierce Inlet
83	Lake Worth Pier, FL	26.612	80.033	0.09	0.14	-0.34	4 yr	2	TD	
84	Hillsboro Inlet, FL	26.257	80.080	0.07	0.11	-0.33	4 mo	3	TD	
85	Lauderdale-By-The-Sea, FL	26.188	80.093	0.11	0.15	-0.29	8 mo	3	BM: 6	
86	North Miami Beach, FL	25.930	80.120	0.04	0.07	-0.35	11 mo	3	BM: 4	
87	Haulover Pier, FL	25.903	80.120	0.06	0.08	-0.33	9 yr	2	TD	
88	Miami Beach, FL	25.770	80.132	0.03	0.06	-0.35	19 yr	1	TD	
89	* Key Largo, FL	25.172	80.367	0.01	0.02	-0.32	82 high and 81 low waters	N/A	TD	Located in a cove
90	Plantation Key, FL	24.973	80.550	-0.01	0.02	-0.34	1 mo	3	BM: 5	Located in the Straits of Florida
91	Grassy Key, FL	24.755	80.958	-0.09	-0.04	-0.36	1 mo	3	BM: 5	Located in the Straits of Florida
92	Pigeon Key, FL-1	24.703	81.155	-0.18	-0.10	-0.35	1 mo	3	TD	Located in the Straits of Florida
93	Pigeon Key, FL-2	24.705	81.157	-0.24	-0.16	-0.33	2 mo	3	TD	Located in the Straits of Florida