

Time of High Water

Time figures shown are the average differences throughout the year. Rise in feet is mean range. (Low Water times are given only when they vary more than 20 min. from High Water times.)

	H.M.			Rise in Feet
RHODE ISLAND, Narragansett Bay				
Sakonnett	0 10	before	NEWPORT	3.1
Tiverton	0 20	after	"	3.8
Beavertail	same as			3.5
Prudence Island	0 10	after	"	3.9
Bristol Point	0 20	"	"	4.1
Fall River	0 30	"	"	4.4
Taunton	high 1 10 after, low 2 25	after	"	2.8
Warren	0 15	"	"	4.6
Providence	0 10	"	"	4.6
Pawtucket	0 20	"	"	4.5
East Greenwich	0 15	"	"	4.0
Wickford	0 10	"	"	3.8
Narragansett Pier	0 10	before	"	3.2
CONNECTICUT, L.I. Sd.				
Stonington	2 25	before	BRIDGEPORT	2.8
Noank	2 15	"	"	2.3
Thames River				
New London	1 50	before	BRIDGEPORT	2.5
Norwich	1 40	"	"	3.0
Connecticut River				
Saybrook Breakwater	0 50	before	BRIDGEPORT	3.5
Essex	0 10	"	"	3.0
Madison	0 20	"	"	4.9
Falkner Island	0 15	"	"	5.5
Branford Harbor	0 10	"	"	6.0
New Haven Harbor Entrance	0 10	"	"	6.2
Milford Harbor	0 10	"	"	6.5
Stratford, Housatonic R. high 0 30 after, low 1 00		after	"	5.6
Black Rock Harbor Entrance	0 05	before	"	7.0
South Norwalk	0 10	after	"	7.0
Stamford	0 05	"	"	7.2
Cos Cob Harbor	0 10	"	"	7.2
Greenwich	same as		"	7.4
Great Capt. Island	same as		"	7.3

BRIDGEPORT Tables, P. 84-89
 BATTERY Tables, p. 108-113

When a high tide exceeds av. ht., the
 following low tide will be lower than av.

Times of Current Change at Various Points

(See Note at bottom of Boston Tables: Rule-of-Thumb for Current Velocities.)

	TIME DIFFERENCES	MAXIMUM FLOOD		MAXIMUM EBB	
	Food Starts; Ebb Starts H.M.	Dir.(true in degrees	Av. Max. in knots	Dir.(true) in degrees	Av. Max in knots
NARRAGANSETT BAY -based on Pollock Rip Channel, pp. 44-49					
Tiverton, Stone Bridge	F-3 00, E-2 25	10	2.7	190	2.7
Tiverton, RR Bridge	F-3 25, E-2 50	000	2.3	180	2.4
Castle Hill, W of	F-0 05, E-1 05	000	0.7	210	1.2
Bull Point, E of	-1 10	000	1.2	205	1.5
Rose Is., NE of	F-2 00, E-1 15	340	0.8	165	1.0
Rose Is., W of	F-0 40, E-1 20	000	0.7	170	1.0
Dyer Is., W of	-1 00	25	0.8	215	1.0
Mount Hope Bridge	-1 10	45	1.1	230	1.4
Kickamuit R., Mt Hope Bay	F-2 05, E-1 20	000	1.4	190	1.7
Beavertail Point, 0.8 mi. NW of	F-0 10, E-1 30	5	0.5	190	1.0
Betw. Dutch Is. - Beaver Head	-1 55	30	1.0	235	1.0
Dutch Is., W of	-1 25	15	1.3	205	1.2
Warren R., Warren	-0 20	000	1.0	170	0.9
India Pt. RR Bridge, Seekonk R.	-1 40	20	1.0	180	1.4
LONG ISLAND SOUND -based on The Race, pp. 70-75					
Black Point, 0.8 mi. S of	-0 35	265	1.2	75	1.4
Betw. Black Pt.-Plum Is.	+ 0 25	235	2.1	75	2.4
Plum Is., 0.8 mi. NNW of	F+ 0 05, E-1 15	245	1.7	65	2.4
Hatchett Pt., 1.1 mi WSW of	F-2 35, E-0 50	240	1.3	45	1.2
Conn. River RR Drawbridge	+ 0 40	000	1.0	200	1.0
Saybrook Bkwtr., 1.5 mi. SE of	F-1 30, E-0 55	260	1.9	70	2.0
Mulford Pt., 3.1 mi. NW of	-0 05	270	1.9	65	2.3
Cornfield Point, 3 mi. S of	F-0 55, E-0 05	255	2.0	95	1.7
Six Mile Reef, 2 mi. E of.....	-0 20	295	1.4	110	1.6
Kelsey Point, 1.0 mi. S of	-1 15	250	2.0	120	1.5
Sachem Head, 1.0 mi SSe of	-0 35	320	1.4	150	0.9
New Haven Harbor entr.	F-1 10, E-0 35	320	1.4	150	0.9
Housatonic R., Milford Pt., 0.2 mi W of	+ 0 05	330	1.2	135	1.2
Point No Point, 2 mi. S of.....	-0 20	250	1.3	75	1.2
Port Jefferson Harbor entr.	+ 0 20	150	2.6	3.25	1.9
Crane Neck Point, 0.5 mi. NW of ..	F-0 45, E-1 40	255	1.3	15	1.5
Eatons Neck Pt., 1.3 mi. N of	+ 0 15	285	1.4	75	1.4
Lloyd Point, 1.3 mi. NNW of	+ 1 20	255	1.0	55	1.0

1997

Daily High & Low Water at Bridgeport

BRIDGEPORT, CONN

41- 10N x 73-11W

Standard Time

Standard Time

DAY	DAY	JANUARY						DAY	DAY	FEBRUARY					
		HIGH				LOW				HIGH				LOW	
		O F	W E E K	M O N T H	M O N T H	M O N T H	M O N T H			O F	W E E K	M O N T H	M O N T H	M O N T H	M O N T H
		a.m.	Ht.	p.m.	Ht.	a.m.	p.m.			a.m.	Ht.	p.m.	Ht.	a.m.	p.m.
1	W	3 55	6.5	4 14	6.2	10 13	10 31	1	S	4 54	6.6	5 24	6.0	11 21	11 36
2	T	4 45	6.5	5 08	6.0	11 08	11 23	2	S	5 53	6.8	6 26	6.0	12 22	
3	F	5 38	6.6	6 05	6.0	...	12 04	3	M	6 53	7.0	7 27	6.3	12 37	1 23
4	S	6 32	6.8	7 02	6.1	12 17	1 00	4	T	7 52	7.2	8 26	6.6	1 38	2 20
5	S	7 26	7.1	7 57	6.3	1 12	1 55	5	W	8 49	7.6	9 21	7.0	2 36	3 15
6	M	8 19	7.4	8 51	6.6	2 06	2 48	6	T	9 43	7.8	10 14	7.3	3 32	4 07
7	T	9 12	7.7	9 44	6.9	2 59	3 39	7	F	10 37	8.0	11 06	7.6	4 26	4 58
8	W	10 02	7.9	10 34	7.1	3 51	4 29	8	S	11 28	8.0	11 56	7.7	5 18	5 48
9	T	10 53	8.1	11 25	7.3	4 42	5 18	9	S	...	...	12 20	7.9	6 11	6 38
10	F	11 44	8.1	...	...	5 34	6 08	10	M	12 47	7.7	1 12	7.6	7 04	7 29
11	S	12 16	7.5	12 36	7.9	6 27	6 59	11	T	1 39	7.6	2 06	7.2	7 58	8 22
12	S	1 08	7.5	1 30	7.7	7 21	7 51	12	W	2 34	7.4	3 03	6.8	8 55	9 18
13	M	2 02	7.4	2 26	7.3	8 18	8 46	13	T	3 31	7.1	4 03	6.4	9 55	10 17
14	T	2 58	7.2	3 25	6.9	9 18	9 44	14	F	4 31	6.8	5 05	6.1	10 58	11 19
15	W	3 57	7.1	4 27	6.5	10 20	10 44	15	S	5 34	6.7	6 10	6.0	...	12 02
16	T	4 59	6.9	5 31	6.2	11 25	11 46	16	S	6 37	6.6	7 11	6.0	12 22	1 04
17	F	6 02	6.9	6 36	6.1	...	12 29	17	M	7 35	6.7	8 07	6.1	1 21	2 00
18	S	7 03	6.9	7 37	6.1	12 47	1 30	18	T	8 28	6.8	8 56	6.3	2 16	2 51
19	S	8 00	7.0	8 32	6.2	1 45	2 26	19	W	9 15	6.9	9 40	6.5	3 05	3 35
20	M	8 51	7.1	9 21	6.3	2 38	3 16	20	T	9 57	7.0	10 18	6.7	3 48	4 15
21	T	9 38	7.2	10 05	6.4	3 27	4 01	21	F	10 35	7.1	10 55	6.8	4 28	4 52
22	W	10 20	7.2	10 45	6.5	4 11	4 42	22	S	11 11	7.1	11 29	6.9	5 06	5 27
23	T	10 59	7.2	11 23	6.6	4 52	5 19	23	S	11 46	7.0	...	...	5 42	6 00
24	F	11 36	7.1	11 59	6.7	5 30	5 55	24	M	12 04	6.9	12 21	6.9	6 17	6 34
25	S	...	...	12 12	7.0	6 07	6 30	25	T	12 38	7.0	12 56	6.8	6 53	7 08
26	S	12 34	6.7	12 48	6.9	6 44	7 05	26	W	1 14	7.0	1 34	6.7	7 30	7 44
27	M	1 10	6.7	1 25	6.8	7 22	7 41	27	T	1 52	6.9	2 14	6.5	8 10	8 24
28	T	1 47	6.7	2 03	6.6	8 01	8 19	28	F	2 35	6.9	3 01	6.3	8 56	9 10
29	W	2 27	6.7	2 45	6.4	8 43	9 00								
30	T	3 11	6.6	3 33	6.2	9 30	9 46								
31	F	4 00	6.6	4 26	6.0	10 23	10 38								

Dates when Ht. of Low Water is below Mean Low with Ht. of lowest given for each period and Date of lowest in ():

6th - 16th: -1.4' (10th)

4th - 15th: -1.5' (8th)

19th - 26th: -0.4' (22nd)

Average Rise and Fall 6.7 ft.

When a high tide exceeds av. ht., the *following* low tide will be lower than av.

1997 Current Table THE RACE, L.I. SOUND

(Near Valiant Rock - 41-14-12N X 72-03-36w)

Daylight Time

Daylight Time

JULY							AUGUST								
DAY	DAY	CURRENT TURNS						DAY	DAY	CURRENT TURNS					
		NORTHWEST Flood Starts			SOUTHEAST Ebb Starts					NORTHEAST Flood Starts			SOUTHWEST Ebb Starts		
		a.m.	p.m.	Kts.	a.m.	p.m.	Kts.			a.m.	p.m.	Kts.	a.m.	p.m.	Kts.
1	T	3 35	3 43	p3.0	9 39	9 59	p3.5	1	F	4 59	5 07	p2.8	11 04	11 17	p3.3
2	W	4 29	4 35	p3.0	10 33	10 48	p3.6	2	S	5 42	5 50	p2.8	11 48	11 58	p3.3
3	T	5 17	5 23	p3.0	11 23	11 35	p3.6	3	S	6 22	6 31	p2.8	...	12 28	2.9
4	F	6 03	6 03	P2.9	12 09	...	3.0	4	M	6 59	7 09	2.7	12 37	1 05	a3.3
5	S	6 45	6 52	2.8	12 18	12 52	a3.5	5	T	7 34	7 47	a2.7	1 14	1 41	a3.2
6	S	7 25	7 33	a2.8	12 59	1 32	a3.4	6	W	8 09	8 26	a2.7	1 50	2 17	a3.1
7	M	8 04	8 15	a2.7	1 39	2 12	a3.3	7	T	8 45	9 07	a2.6	2 27	2 54	a2.9
8	T	8 43	8 57	a2.6	2 18	2 52	a3.1	8	F	9 22	9 51	a2.5	3 06	3 33	2.7
9	W	9 22	9 42	a2.5	2 58	3 33	a2.9	9	S	10 03	10 39	a2.4	3 48	4 16	2.5
10	T	10 03	10 31	a2.4	3 41	4 17	a2.7	10	S	10 49	11 34	a2.3	4 35	5 04	p2.5
11	F	10 48	11 24	a2.3	4 28	5 04	a2.5	11	M	11 41	...	2.2	5 30	5 58	p2.5
12	S	11 36	...	2.2	5 19	5 54	p2.4	12	T	12 33	12 38	p2.2	6 31	6 57	p2.6
13	S	12 20	12 27	p2.2	6 16	6 47	p2.5	13	W	1 33	1 38	p2.4	7 34	7 56	p2.8
14	M	1 17	1 21	p2.3	7 14	7 40	p2.6	14	T	2 32	2 37	p2.6	8 34	8 54	p3.2
15	T	2 13	2 15	p2.4	8 12	8 33	p2.9	15	F	3 26	3 33	p3.0	9 30	9 48	p3.5
16	W	3 07	3 07	p2.6	9 07	9 24	p3.2	16	S	4 17	4 27	p3.3	10 22	10 40	p3.8
17	T	3 57	3 58	p2.9	9 59	10 13	p3.5	17	S	5 05	5 18	p3.6	11 12	11 30	p4.1
18	F	4 44	4 48	p3.2	10 48	11 01	p3.8	18	M	5 52	6 09	p3.8	...	12 01	3.9
19	S	5 30	5 37	p3.4	11 35	11 48	p4.0	19	T	6 39	7 00	3.9	12 19	12 48	a4.3
20	S	6 16	6 26	p3.6	...	12 23	3.6	20	W	7 26	7 52	a3.9	1 09	1 37	a4.3
21	M	7 02	7 17	p3.7	12 36	1 10	a4.1	21	T	8 15	8 45	a3.9	1 59	2 28	4.1
22	T	7 49	8 09	a3.7	1 26	1 59	a4.1	22	F	9 05	9 42	a3.6	2 52	3 21	3.9
23	W	8 38	9 04	a3.7	2 17	2 51	a4.0	23	S	10 00	10 42	a3.3	3 48	4 17	p3.6
24	T	9 29	10 02	a3.5	3 10	3 45	a3.8	24	S	10 58	11 46	a3.0	4 47	5 17	p3.3
25	F	10 24	11 04	a3.3	4 07	4 42	3.5	25	M	...	12 01	2.7	5 51	6 21	p3.0
26	S	11 22	...	3.1	5 08	5 42	p3.3	26	T	12 52	1 07	p2.5	6 58	7 25	p2.9
27	S	12 09	12 24	p2.9	6 13	6 45	p3.2	27	W	1 56	2 11	p2.4	8 03	8 26	p2.9
28	M	1 15	1 27	p2.7	7 19	7 47	p3.2	28	T	2 56	3 09	p2.5	9 02	9 22	p3.0
29	T	2 19	2 29	p2.7	8 23	8 47	p3.2	29	F	3 49	4 01	p2.5	9 55	10 11	p3.1
30	W	3 18	3 26	p2.7	9 22	9 41	p3.2	30	S	4 35	4 48	p2.6	10 41	10 55	p3.1
31	T	4.11	4.19	P2.7	10 16	10 31	P3.3	31	S	5 17	5.29	P2.7	11 22	11 36	P3.2

The Kts. (knots) columns show the maximum predicted velocities of the stronger one of the Flood Currents and the stronger one of the Ebb Currents for each day. The letter "a" means the velocity shown should occur **after** the a.m. Current Change. The letter "p" means the velocity shown should occur **after** the p.m. Current Change (even if next morning). No "a" or "p" means a.m. and p.m. velocities are the same for that day.

Av. Max. Vel.: F1. 2.9 Kts., Ebb 3.6 Kts.

Max. Flood 2 furs. 46 min. after Flood Starts, _15 min.

Max. Ebb 3 furs. 26 min. after Ebb Starts, + -16 min.

Use THE RACE tables with current charts on pages 78 through 83. See p. 148-155 for Current Change at other points.