

## Homeland Security

Boaters must be cautious and constantly aware of surroundings. It is now illegal to stop or anchor beneath bridges. Secure and lock your boat when not on-board and, when stored, disable the engine. Avoid restricted areas such as dams, power plants, etc. and observe all security zones, especially around military installations.

**Naval Vessel Protection Zone** – You must stay at least 100 yards away from any military vessel and maintain minimum steerage speed within 500 yards. Violators face quick and severe response, not more than six years in prison and not more than a \$250,000 fine.

You should report the following to the U.S. Coast Guard (see page 3 for telephone numbers):

- Suspicious persons conducting unusual activities near security areas, bridges, on or near the water.
- People establishing roadside stands near marinas and waterfront facilities.
- Unknown persons photographing or creating diagrams around power plants, under bridges, waterfront facilities or any other high risk areas.
- Unknown or suspicious persons loitering around waterfront areas.
- Suspicious persons attempting to borrow or rent watercraft
- Suspicious vendors attempting to sell or deliver merchandise or drop off packages in waterfront areas.

**Safety and Security Zones** - Boaters should not:

- Enter buoyed areas off of the Niantic Bay or Jordan Cove side of Dominion/Millstone Power Plant, Waterford, CT.
- Enter waters within 100 yards of any anchored U.S. Coast Guard vessel.
- Stop, moor, anchor or loiter beneath a bridge or approach within a 25-yard radius of any bridge foundation, support, stanchion, pier or abutment except as required for the direct, expeditious transit beneath a bridge.



## Helpful Internet Addresses

[www.ct.gov/dot/cwp/view.asp?a=1380&Q=259728&dotPNavCtr](http://www.ct.gov/dot/cwp/view.asp?a=1380&Q=259728&dotPNavCtr)

### **National Oceanic and Atmospheric Administration**

**(NOAA):** [www.noaa.gov](http://www.noaa.gov)

Print-on-Demand Charts and Historical Map and Chart Collections: [www.nauticalcharts.noaa.gov/csdl/ctp/abstract.htm](http://www.nauticalcharts.noaa.gov/csdl/ctp/abstract.htm)

National Ocean Service Data Explorer (formerly Mapfinder): [oceanservice.noaa.gov/dataexplorer/](http://oceanservice.noaa.gov/dataexplorer/)

Chart No.1: Nautical Chart Symbols, Abbreviations and Terms: [www.nauticalcharts.noaa.gov/mcd/chartno1.htm](http://www.nauticalcharts.noaa.gov/mcd/chartno1.htm)

National Weather Service: [www.nws.noaa.gov](http://www.nws.noaa.gov)

Search and Rescue Satellite-Aided Tracking: [www.sarsat.noaa.gov](http://www.sarsat.noaa.gov)

Sunrise/Sunset Calculator: [www.esrl.noaa.gov/gmd/grad/solcalc/sunrise.html](http://www.esrl.noaa.gov/gmd/grad/solcalc/sunrise.html)

National Ocean Service (NOS)

For a complete list of all NOS websites, go to: [oceanservice.noaa.gov/](http://oceanservice.noaa.gov/)

Real time tide information: [www.co-ops.nos.noaa.gov/ports.html](http://www.co-ops.nos.noaa.gov/ports.html)

### **U.S. Coast Guard websites**

U.S. Coast Guard Local Notice to Mariners (by district): [www.navcen.uscg.gov/](http://www.navcen.uscg.gov/)

U.S. Coast Guard Auxiliary: [www.cgaux.org](http://www.cgaux.org)

### **Other websites**

U.S. Power Squadrons: [www.usps.org](http://www.usps.org)  
provides cooperative charting information & training

Maptech (for raster nautical charts): [www.maptech.com](http://www.maptech.com)

Print on Demand Charts: [www.oceangrafix.com](http://www.oceangrafix.com)

U.S. Army Corps of Engineers (provide information for navigable rivers, ports & channels): [www.usace.army.mil](http://www.usace.army.mil)

Connecticut Department of Motor Vehicles: [www.ct.gov/dmv](http://www.ct.gov/dmv)

Connecticut Harbormaster: [www.ct.gov/dot/cwp/view.asp?a=1380&Q=259728&dotPNavCtr](http://www.ct.gov/dot/cwp/view.asp?a=1380&Q=259728&dotPNavCtr)

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	3:45 p	4:59 p	4:16 p	6:37 p	6:17 a	7:42 a	8:17 a	9:47 a	11:01a*	11:18 a	12:14 p	11:30 a
2	4:45 p	5:59 p	5:18 p	6:57 a	7:16 a	8:36 a	9:10 a	10:36a*	11:45 a	12:00 p	12:56 p	12:11 p
3	5:44 p	6:26 a	6:15 p	7:50 a	8:09 a	9:27 a	10:02 a	11:24 a	12:29 p	12:42 p	1:39 p	12:52 p
4	6:14 a	7:14 a	6:38 a	8:39 a	8:59 a	10:19a*	10:54a *	12:13 p	1:14 p	1:26 p	2:23 p	1:35 p
5	7:02 a	7:58 a	7:25 a	9:26 a	9:49 a	11:12 a	11:46 a	1:00 p	2:00 p	2:12 p	3:10 p	2:22 p
6	7:46 a	8:39 a	8:10 a	10:13 a	10:40 a*	12:06 p	12:38 p	1:48 p	2:47 p	2:59 p	3:02 p	3:16 p
7	8:27 a	9:21 a	8:54 a	11:02a*	11:31 a	1:00p	1:29 p	2:36 p	3:38 p	3:50 p	3:59 p	4:16 p
8	9:07 a	10:03a*	9:39 a *	11:52 a	12:25 p	1:55 p	2:20 p	3:25 p	4:32 p	4:47 p	4:59 p	5:18 p
9	9:46a *	10:48 a	10:25 a	12:45 p	1:20 p	2:49 p	3:11 p	4:18 p	5:31 p	5:46 p	5:54 p	6:16 p
10	10:27 a	11:35 a	11:14 a	1:38 p	2:16 p	3:44 p	4:04 p	5:14 p	6:04 a	6:25 a	6:28 a	6:48 a
11	11:10 a	12:24 p	12:04 p	2:34 p	3:13 p	4:41 p	4:59 p	6:12 p	7:01 a	7:16 a	7:14 a	7:38 a
12	11:55 a	1:15 p	12:56 p	3:33 p	4:13 p	5:39 p	5:55 p	6:39 a	7:51 a	8:01 a	7:59 a	8:27 a
13	12:43 p	2:09 p	2:51 p	4:36 p	5:15 p	6:02 a	6:19 a	7:34 a	8:35 a	8:44 a	8:45 a	9:17 a °
14	1:33 p	3:08 p	3:50 p	5:44 p	6:17 p	7:00 a	7:15 a	8:23 a	9:15 a	9:25 a	9:34 a °	10:08 a
15	2:28 p	4:14 p	4:56 p	6:19 a	6:45 a	7:52 a	8:06 a	9:07 a	9:56 a	10:09 a	10:24 a	11:01 a
16	3:28 p	5:23 p	6:06 p	7:22 a	7:40 a	8:39 a	8:53 a	9:48 a	10:37a°	10:55a°	11:18 a	11:55 a
17	4:34 p	6:04 a	6:45 a	8:15 a	8:28 a	9:23 a	9:37 a	10:28 a	11:22 a	11:45 a	12:14 p	12:49 p
18	5:40 p	7:04 a	7:48 a	9:00 a	9:11 a	10:06 a	10:19 a	11:10a°	12:10 p	12:38 p	1:11 p	1:43 p
19	6:19 a	7:56 a	8:40 a	9:41 a	9:53 a	10:49 a	11:01a °	11:53 a	1:01 p	1:33 p	2:10 p	2:39 p
20	7:16 a	8:42 a	9:25 a	10:20 a	10:34 a	11:31a°	11:44 a	12:39 p	1:55 p	2:32 p	3:12 p	3:39 p
21	8:06 a	9:25 a	10:06 a	11:00 a	11:16a°	12:15 p	12:26 p	1:28 p	2:53 p	3:34 p	4:18 p	4:40 p
22	8:54 a	10:07a°	10:45 a	11:41a°	11:58 a	12:58 p	1:11 p	2:19 p	3:55 p	4:41 p	5:22 p	5:41 p
23	9:40a °	10:48 a	11:25a°	12:22 p	12:41 p	1:41 p	1:57 p	3:15 p	5:03 p	5:50 p	6:20 p	6:10 a
24	10:25 a	11:29 a	12:05 p	1:05 p	1:24 p	2:25p	2:45 p	4:15 p	6:13 p	6:23 a	6:45 a	7:00 a
25	11:09 a	12:12 p	12:46 p	1:47 p	2:07 p	3:12p	3:38 p	5:21 p	6:42 a	7:23 a	7:29 a	7:44 a
26	11:54 a	12:54 p	1:28 p	2:31 p	2:51 p	4:04 p	4:37 p	6:28 p	7:41 a	8:12 a	8:10 a	8:26 a
27	12:39 p	1:38 p	2:11 p	3:16 p	3:39 p	5:00 p	5:39 p	6:54 a	8:32 a	8:55 a	8:49 a	9:07 a
28	1:24 p	2:25 p	2:55 p	4:06 p	4:31 p	6:00 p	6:01 a	7:53 a	9:16 a	9:34 a	9:29 a	9:47 a
29	2:11 p	3:17 p	3:43 p	5:02 p	5:28 p	6:19 a	7:05 a	8:45 a	9:57 a	10:13 a	10:09a *	10:27a*
30	3:02 p	---	4:38 p	6:00 p	6:25 p	7:20 a	8:03 a	9:33 a	10:37a*	10:52a*	10:49 a	11:07 a
31	3:58 p	---	5:38 p	---	6:44 a	---	8:57 a	10:17 a	---	11:32 a	---	11:46 a

**2016 Tide Table – Saybrook Point** HIGH TIDE PREDICTIONS BETWEEN 6:00 a.m. AND 7:00 p.m.  
 (Adjusted for daylight savings time) — 41.2833 N, 72.3500 W

Full Moon = ° | New Moon = •

## Tides and Currents

Boaters should be familiar with the effects of the tides and currents in Long Island Sound and lower river reaches. This body of water, rises and falls every 12 hours, and vast amounts of water move through places like Race Point on the western tip of Fisher's Island, Plum Gut on Long Island and Hells Gate in New York on the western end of the Sound.

Strong winds accompanying a tide in the same general direction would tend to increase the tidal effect. Conversely, a tide flowing against a strong wind would be diminished in effect. It should be noted, though, that a wind contrary to a tide could create a hazardous condition with steep and confused waves.

at Old Saybrook Jetty plus 7 minutes  
 at Duck Island plus 12 minutes  
 at Madison plus 19 minutes  
 at Falkner Island plus 24 minutes  
 at Branford Harbor plus 25 minutes  
 at New Haven Harbor plus 26 minutes  
 at Milford Harbor plus 33 minutes  
 at Bridgeport plus 38 minutes  
 at Cos Cob Harbor

### APPROXIMATE TIDAL DIFFERENCES (BASED ON OLD SAYBROOK)

at Stonington less 1 hour, 43 minutes  
 at Noank less 1 hour, 33 minutes  
 at Norwich less 1 hour, 25 minutes  
 at New London less 1 hour, 11 minutes  
 at Millstone Pt. less 1 hour, 2 minutes

### CONNECTICUT RIVER

at Essex plus 28 minutes  
 at East Haddam plus 1 hour, 31 minutes  
 at Portland plus 2 hours, 40 minutes  
 at Hartford plus 4 hours, 19 minutes

Remember, New London and Fisher's Island Sound tides occur before Old Saybrook. Bridgeport and Greenwich tides occur after Old Saybrook.

# 2016 SUN OR MOON RISE/SET TABLE

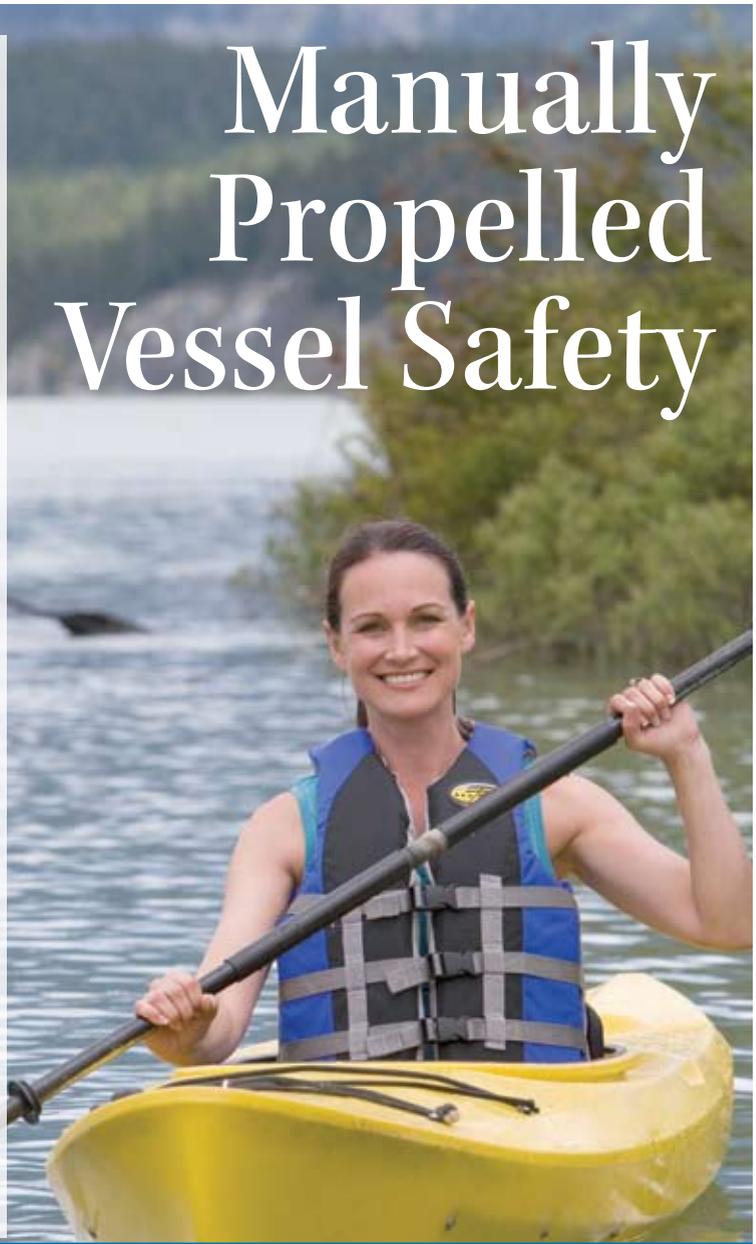
																								
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
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17	7:15	4:47	6:44	5:26	7:00	6:59	6:08	7:33	5:29	8:06	5:16	8:28	5:31	8:23	6:01	7:48	6:33	6:57	7:05	6:07	6:42	4:29	7:12	4:21
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31	7:04	5:05			6:36	7:15			5:19	8:18			5:44	8:10	6:15	7:26			7:21	5:47			7:18	4:30

Eastern Standard Time approximate for Central Connecticut and adjusted for Daylight Saving Time.

# Manually Propelled Vessel Safety

- Wear Your Life Jacket! Is it the proper size and in good condition? There must be a wearable, proper sized life jacket aboard for each person. From October 1 through May 31, you **MUST** wear a life jacket (state law) when in a manually propelled vessel.
- Do not drink alcohol before or while paddling. Alcohol affects balance, coordination, and judgement.
- Don't stand up in a canoe.
- Always paddle directly into or away from the wake of larger boats.
- If you **CAPSIZE**, stay with the boat. If you are in a strong current or white water, float down river feet first and toes up with the boat ahead of you.
- For more stability in rough conditions, kneel on the bottom instead of sitting on the seats.
- The most experienced paddler should take the stern position.
- Load the boat evenly, fore and aft and side to side.
- Wear proper clothing, including a hat. If you end up in the water, do not remove your clothes. They may protect you from hypothermia.
- Stay away from low head dams. They are extremely dangerous from both up and down stream.
- Rough water, white water, or rapids are no place for beginners. Always wear a solid, correctly fitted helmet when white water paddling.
- Paddle near shore, out of channels. Paddle within your ability.
- Always leave a **FLOAT PLAN** with someone ashore. Be specific about where you plan to go and when you will be back. Be sure to report back in when you return.
  - Use an "If Found" sticker to identify your paddle craft. Doing so helps Search and Rescue responders determine if a true emergency exists, prevents unnecessary searches saving tax payers thousands of dollars in associated search cost, and enables the paddle craft to be returned to its rightful owner.

*See following page*



## Attention Stand-Up Paddle Boarders



In accordance with federal regulations, the U.S. Coast Guard has determined that a stand-up paddleboard (commonly referred to as a SUP) is a vessel when used "beyond the narrow limits of a swimming, surfing or bathing area." How does this affect you?

In Connecticut, when using a paddleboard outside of these defined areas above, you must follow all the rules that apply to manually propelled vessels. For your safety, you should be familiar with all the boating laws in Connecticut. The required safety equipment list for all vessel types can be found in the chart on page 36.

**Whether you are a seasoned paddleboarder or new to the activity, here are some tips that will help keep your trip enjoyable and safe:**

1. Wear a life jacket and carry a whistle at all times.
2. Know how to self rescue (get back on your SUP).
3. Understand the elements and hazards - winds, tidal ranges, current, terrain.
4. Know the local regulations and navigation rules. **DO NOT** paddle in main channels, high traffic or interfere with the passage of other boat traffic.
5. Tell someone where you are going - File a float plan.
6. Be defensive - You and your craft are difficult to see from many other boats.
7. Attach a "If Found Decal" to your SUP.
8. Take a safety course.
9. Know when to wear a leash.