

For exclusive use by: Block Island Race Week Participants!

Forecast Location: Block Island Sound, RI

Forecast Date/Time: 0700 EDT Tue June 24, 2025

Forecast by: Chelsea Freas

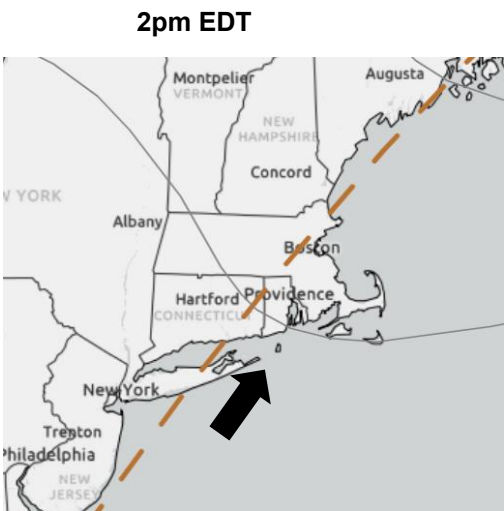
Big Picture/ Summary A low pressure trough sits over our area today, bringing SW winds to Block. Wind speeds are lighter early afternoon and will build some late the afternoon.

General Weather Sky: Patchy fog early then sunny.

Air Temp: High 83

H2O Temp: low 60s

Tides High 7:23 Low 13:06



- Details:**
- **Bottom Line: Gradual building SW gradient wind w/ inversion still in place**
 - Early this morning (630am) breeze is SW around 10-14kt
 - will be decreasing a bit thru 9-11am before it slowly starts building again
 - any patchy fog this morning will be dissipating around 10am
 - Still have anomalously warm air in place.. heat warnings over mainland,
 - with warm inversion still in place with a warm air layer around ~2000ft;
 - this continues to put a limit on how strong winds will get- top end may be 11-12 kt before 2, and ~13-14 by 3-4pm
 - may seem like its windier aloft (and further right) than at water's surface.
 - Winds are lightest 11am-12pm then will start slowly building for afternoon 1-4pm
 - may not see much above 10 kt until after 2pm
 - 11am-1pm breeze will be backing slightly, then 2pm-4pm oscillating
 - possibly some slight ticks right in the 2-4pm time frame

Wind Forecast - WHITE + GREEN CIRCLES

Time (EDT)	1000	1100	1200	1300	1400	1500	1600	1700	1800
Wind Direction (mag)	230-250	230-250	220-240	210-230	210-230	210-230	210-230	210-230	210-230
Wind Speed (knots)	6-10	5-9	5-9	6-10	6-11	7-12	7-11	7-12	7-12
Gust (knots)									
Comments	any fog dissipating		slight backing						

Wind Forecast - BLUE CIRCLE

Time (EDT)	1000	1100	1200	1300	1400	1500	1600	1700	1800
Wind Direction (mag)	230-250	230-250	220-240	210-230	210-230	210-230	210-230	210-230	210-230
Wind Speed (knots)	6-10	5-9	5-9	6-11	7-12	7-11	8-13	8-14	8-14
Gust (knots)									
Comments	any fog dissipating		slight backing						

- Confidence/ Alternative scenarios**
- confidence is average/a little above
 - Expecting fog to clear by 10-11am. If it takes longer to clear, winds remain further right and lighter.
 - the sooner skies clear the more winds can back and increase.
 - Typical uncertainty on wind speeds/timing of increase. Wind speeds +/- 1-2 kt of forecast

Outlook
Wed June 25

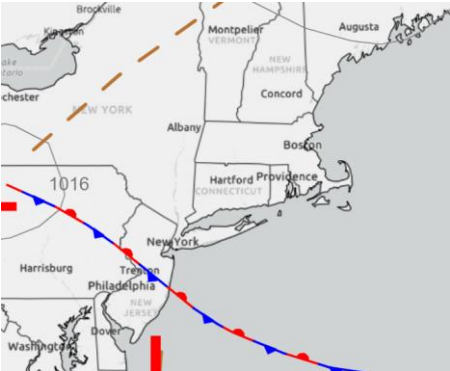
A weak cold front moves offshore early AM, then immediately stalls just offshore. Winds will remain NW over New England but will turn SW along the South coast, leading to convergence which spawns showers and thunderstorms. 40% chance for thunderstorms, mainly after 12pm (most likely between 2-4pm)



Weather	Sky	Partly to mostly cloudy with scattered showers and chances for thunderstorms.		
	Temps	High 81		

Outlook
Thurs June 26

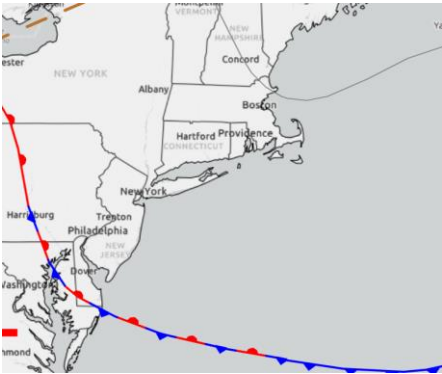
Cold front will be nudged further south by high pressure to the north. Backdoor cold front with NE-ENE winds building in, along with clouds, rain and chance for fog.



Weather	Sky	Mostly cloudy with rain showers. Fog possible		
	Temps	High 71		

Outlook
Fri June 27

Stalled front remains to the south with ENE winds continuing, and building further.



Time (EDT)	1000	1200	1400	1600
Wind Direction (mag)	060-080	060-080	070-090	060-080
Wind Speed (knots)	15-20	15-20	14-20	15-20
Gust (knots)			22	22

Weather	Sky	Partly sunny		
	Temps	High 68		