

For exclusive use by: Block Island Race Week Participants!

Forecast Location: Block Island Sound, RI

Forecast Date/Time: 0700 EDT Thur June 26, 2025

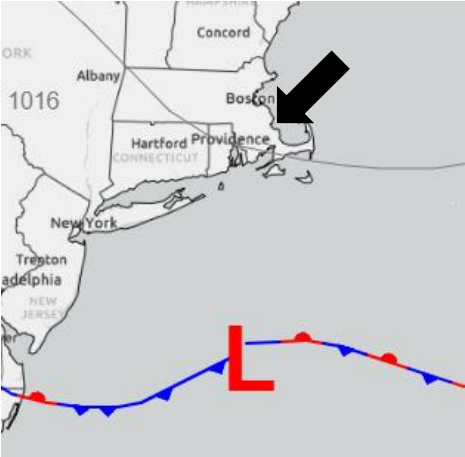
Forecast by: Chelsea Freas

Big Picture/ Summary A cold front has dropped southward over our region, with higher pressure in the Gulf of Maine. Winds will be strong today from NE-ENE with periods of clouds and widely scattered rain showers.

General Weather Sky: Mostly cloudy/Partly sunny, Widely scattered showers.
Seas: 3-4 feet
Air Temp: High 72
H2O Temp: low 60s
Tides High 9:11 Low 14:56

- Details:**
- **Bottom Line: Strong NE-ENE winds, Shiftier early, increasing and steadier after 2pm**
 - Early this morning winds are NE around 20 kt gusting to 25kt, scattered shower activity
 - This morning surge will last until ~10am then we may see a little softer 10a-12p
 - Gradient may take a slight decrease 10a-12p, but speeds still in teens and may see a gust to 20
 - the only exception is south of Block where speeds will still be 25-20 gusting 25 kt.
 - A bit of shiftiness before 1pm, partly due to showers, but also the gradient has periods where it's funneling from Buzzards Bay vs Narragansett Bay
 - winds further right to 060 when funneling from Buzzards, and more left (040s) when funneling from Narragansett Bay. Pressure may also be a bit up and down and come in surges.
 - After 1-2pm, the gradient will be getting steadier and stronger- upper teens to 20s and gusts 25
 - breeze direction veers more to 050-080 after 2-3pm
 - SUN vs CLOUDS/RAIN
 - may be patches of clear sky at times (esp early), which likely brings right shifts (maybe no speed increase since not much speed shear)
 - There's a good bit of R wind directional shear today so if sunny look for big right shifts up to 20 deg
 - RAIN SHOWERS; may bring strong gusts to 25-28 kt on edge, followed by lighter breeze under rain.
 - showers actually moving W to E (against the breeze), embedded on edge of high pressure moving eastward

2pm EDT



Wind Forecast - EAST OF BLOCK

Time (EDT)	1000	1100	1200	1300	1400	1500	1600	1700	1800
Wind Direction (mag)	040-060	040-060	050-070	040-070	030-050	050-070	060-080	060-080	060-090
Wind Speed (knots)	14-20	14-20	13-19	16-22	18-23	18-23	18-23	15-20	15-20
Gust (knots)	22	22	22	25	25	25	25	22	
Comments			stronger S of Block 15-20 G24		speeds increasing after 2pm	late afth gradient veering -->			

Wind Forecast - WEST OF BLOCK

Time (EDT)	1000	1100	1200	1300	1400	1500	1600	1700	1800
Wind Direction (mag)	040-060	040-060	050-070	040-070	030-050	040-060	060-080	060-080	060-090
Wind Speed (knots)	12-18	13-19	13-19	18-22	16-22	16-22	16-24	15-20	13-20
Gust (knots)	20	20	22	25	25	25			
Comments			stronger S of Block 15-20 G24		speeds increasing after 2pm	late afth gradient veering -->			

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Confidence/
Alternative scenarios

- confidence is above average
- wind speeds may be up and down today due to changes in cloud cover and showers.
 - could be as light as 10kt at times around a shower.
 - Max breeze seeing gusts near 25 kt. Always a bit stronger S and E of Block
 - may also have periods of surging in from Bays to the north
- If breeze goes much further right than expected (esp with clearer skies), then breeze will decrease in speed - but likely temporary and within 1-2 hrs should increase again (as breeze builds late aftn or as clouds build back in)

Outlook
Fri June 27

Smiilar day to Thursday with stronger E winds. High pressure sinks southward into Gulf of Maine with a stalled front to the south. Still chance for rain/clouds in the forecast. Expect shifty and gusty E winds across the island.

Time (EDT)	1000	1200	1400	1600
Wind Direction (mag)	070-090	080-100	100-120	110-130
Wind Speed (knots)	12-19	12-18	14-19	12-19
Gust (knots)		20	20	20

Weather

Sky

Mostly cloudy with scattered showers. partial clearing possible

Temps

High 67

