

For exclusive use by: Block Island Race Week Participants!

Forecast Location: Block Island Sound, RI

Forecast Date/Time: 0700 EDT Mon June 23, 2025

Forecast by: Chelsea Freas

Big Picture/
Summary

A weak cold front has pushed offshore and is bringing light NW-N winds. This sets us up for an afternoon SW sea breeze as the breeze backs around. Fairly muggy this AM, and we may be flirting with coastal fog thru the day, but still expecting lots of warm sun.

General Weather

Sky: Early fog, then mostly sunny. Fog may return later.
Air Temp: High 79
H2O Temp: low 60s
Tides High 6:25 Low 12:08

2pm EDT



Details:

- **Bottom Line: Weak, backing sea breeze. Stronger further north**
- Warm and humid air in place for June – a little muggy and some fog this morning.
 - early AM gradient winds are light from NW-N which is good as it sets us up better for sea breeze than the previously predicted NE.
- We should see morning fog start to burn off under warm AM sun 8-10am, although models think we may be flirting with fog just offshore a lot of the day, so it could make a return later
- Large inversion in place with a warm air layer around ~2000ft;
 - this puts a limit on how strong sea breeze can get- top end may be 10 kt today and may seem like its windier aloft than at water’s surface.
- Sea breeze will get going quicker along mainland coast, so northern courses see the breeze sooner/stronger.
 - will be backing and increasing from 11-12 onwards
- Slow building this afternoon, may spend a while under 10 kts
- Only later afternoon seeing builds up to maybe max 10-11 kt.

Wind Forecast - WHITE + GREEN CIRCLES

Time (EDT)	1000	1100	1200	1300	1400	1500	1600	1700	1800
Wind Direction (mag)	260-280	230-250	220-240	210-230	190-210	190-210	180-200	180-200	180-200
Wind Speed (knots)	3-6	4-7	4-7	5-8	5-9	6-10	6-10	7-11	7-12
Gust (knots)									
Comments		backing + increasing -->						chance for fog returning?	

Wind Forecast - BLUE CIRCLE

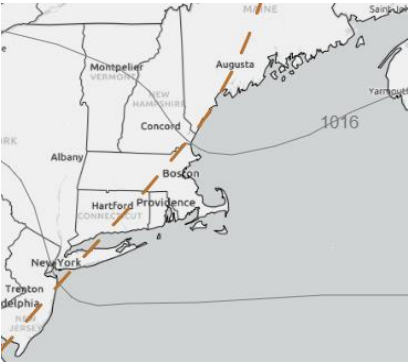
Time (EDT)	1000	1100	1200	1300	1400	1500	1600	1700	1800
Wind Direction (mag)	260-280	230-250	220-240	210-230	190-210	190-210	180-200	180-200	190-210
Wind Speed (knots)	3-6	2-5	4-8	5-8	5-8	5-9	5-11	6-11	6-11
Gust (knots)									
Comments			backing + increasing -->				chance for fog returning?	chance for fog returning?	

Confidence/
Alternative scenarios

- confidence is average – typical amount of uncertainty on timing of build + wind strength
- there is a tiny chance we could see wind speeds stronger (10+ kts) *if* the inversion breaks, but I don’t think that’s likely at all (it would have to get very very warm at the surface and water temps/sea breeze counteract that)
- if fog returns from offshore later in the day, expect wind speeds to drop a few kt.

Outlook
Tues June 24

SW wind returns as a low pressure trough passes overhead. Wind speeds look to reach low/mid teens by late afternoon, with sunny skies.

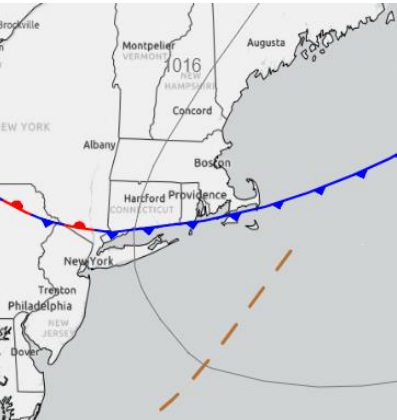


Time (EDT)	1000	1200	1400	1600
Wind Direction (mag)	210-230	210-230	200-220	210-230
Wind Speed (knots)	7-11	8-12	9-13	10-14
Gust (knots)				

Weather
Sky Sunny
Temps High 84

Outlook
Wed June 25

A weak cold front moves offshore early AM, then immediately stalls just offshore, bringing little/no wind in the morning. Weak S-SW sea breeze winds are possible, but forecast is still uncertain as to where the front will stall and if additional low pressure may be developing on it.

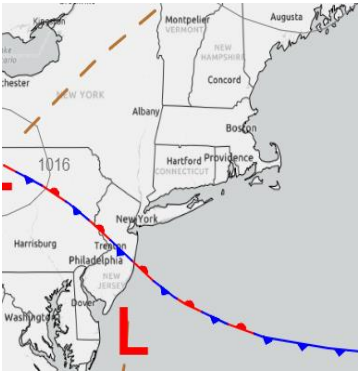


Time (EDT)	1000	1200	1400	1600
Wind Direction (mag)	250-270	200-220	200-220	190-210
Wind Speed (knots)	2-5	4-8	6-10	7-12
Gust (knots)				

Weather
Sky Sunny
Temps High 80

Outlook
Thurs June 26

The stalled frontal boundary will likely be sitting to the south of us, but there is a lot of uncertainty with its location. Winds strength is uncertain but more confident in the NE-E direction.

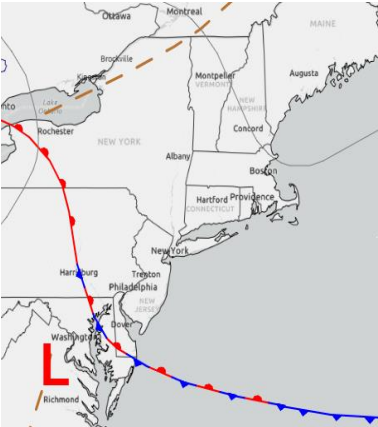


Time (EDT)	1000	1200	1400	1600
Wind Direction (mag)	070-090	080-100	080-100	070-090
Wind Speed (knots)	8-13	10-14	9-13	9-13
Gust (knots)				

Weather
Sky Partly sunny, chances for showers
Temps High 71

Outlook
Fri June 27

Lower confidence forecast. Stalled front may be shifting southward and bringing stronger NE-E winds to the area along with clouds and potentially showers. Models still showing moderate ENE-E winds. Speeds could increase in coming days forecast.



Time (EDT)	1000	1200	1400	1600
Wind Direction (mag)	050-070	050-070	050-070	060-080
Wind Speed (knots)	8-13	10-17	10-17	12-17
Gust (knots)				

Weather
Sky Partly to mostly cloudy with a chance of showers
Temps High 69

Weather