

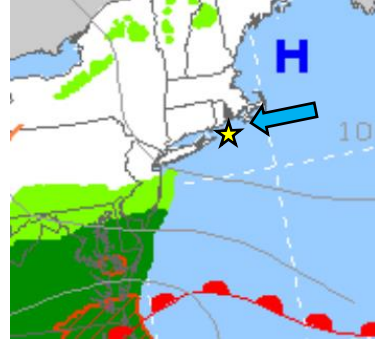
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Forecast Location: Block Island, RI

Forecast Date/Time: 0700 EDT Wed June 21 2023

Forecast by: Chelsea Freas

18utc / 1pm EST



Big Picture/ Gradient: We have ENE gradient winds today with high pressure anchored in the Gulf of Maine and a low pressure system near Hatteras lifting a warm front northward towards our area.

General Weather Sky: Mostly sunny, partly cloudy.

Waves: SE-SSE 3-5 ft

Air Temp: High 65

H2O Temp: low 60s

Tides @ 1BI high 11:00 am
low 4:00 pm

- Details:**
- **Bottom Line: ENE gradient winds, teens to 20s, strongest to south & east**
 - Winds this morning are E around 15 kt. Expecting it to go a little left and increase as we get to 10-11am.
 - we will be under gradient influence with winds from 2,000-2,500 ft mixing down to surface
 - this will bring gusts of around 22-24 knots today, especially south and east of Block Island
 - In general, when winds are further left they're likely stronger and further right they're likely lighter
 - South of the island we expect some acceleration in speeds – gusts to low 20s
 - East of the island will see strongest winds and largest waves; up to 3-5 ft
 - within ½ - 1 mile of the windward side of the island (east), could see lighter winds.
 - Strongest winds 1-2+ miles offshore.
 - Speeds on west side of island will be more up and down, teens to 20s, and towards left end of range.
 - Late afternoon (around 4pm and on) will likely see right trend of 10-20 degrees.

Wind Forecast WEST OF BI

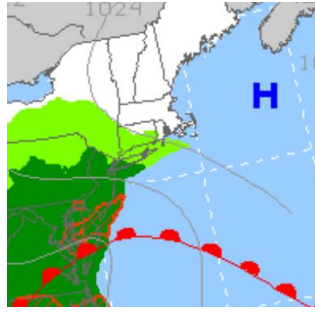
Time (EST)	1000	1100	1200	1300	1400	1500	1600
Wind Direction (mag)	060-080	070-090	070-090	070-090	070-090	070-090	080-100
Wind Speed (knots)	14-18	15-20	15-20	14-18	14-18	15-20	15-20
Gust (knots)	20	22				22	22
Comments							late aftn veering

Wind Forecast EAST OF BI

Time (EST)	1000	1100	1200	1300	1400	1500	1600
Wind Direction (mag)	070-090	070-090	070-090	070-090	070-090	070-090	080-100
Wind Speed (knots)	16-22	16-22	15-20	15-20	15-20	15-20	17-22
Gust (knots)	24	24	22	22	22	22	24
Comments							late aftn veering

- Confidence/ Alternative scenarios**
- Confidence is above average today.
 - Could see winds as far left as 065 (likely early) and as far right as 100 (likely late day)
 - If skies turn mostly cloudy, expect wind speeds to diminish slightly.

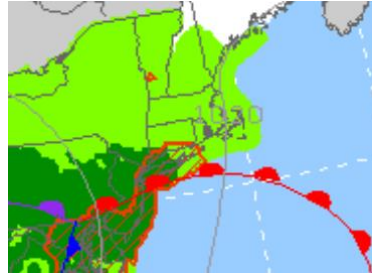
Outlook
Thurs June 22 Stronger ENE winds continue as low pressure to the south pushes up against high pressure, increasing the gradient winds.



Time (EST)	1000	1200	1400	1600
Wind Direction (mag)	070-090	070-090	070-090	070-090
Wind Speed (knots)	16-20	17-22	18-23	18-24
Gust (knots)	22	24	30	30

Weather **Sky** cloudy with scattered rain.
Temps High 62
Seas S-SW 3-5 ft

Outlook
Fri June 23 Warm front will be approaching, with rain & storms likely. Winds lighter from S behind the front.



Time (EST)	1000	1200	1400	1600
Wind Direction (mag)	180-200	160-180	160-180	160-180
Wind Speed (knots)	6-10	7-13	7-14	8-15
Gust (knots)				

Weather **Sky** cloudy with scattered showers
Temps High 70
Seas S-SW 3-5 ft