

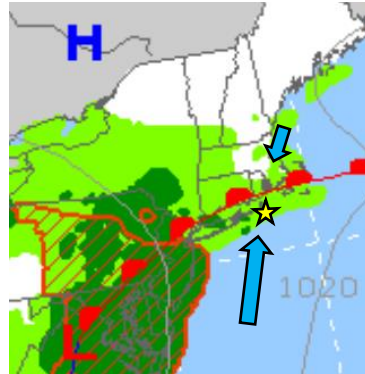
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Forecast Location: Block Island, RI

Forecast Date/Time: 0700 EDT Fri June 23 2023

Forecast by: Chelsea Freas

18utc / 1pm EST



Big Picture/ Gradient: A warm front will meander its way north of us sometime this afternoon - but it is moving slowly and will then be stalling over us later today... which makes for a tricky wind forecast today. We're expecting SE-SSE surface winds this aftn.

General Weather Sky: Mostly cloudy with drizzle and some fog early... partial sun possible later.

Waves: SSE 2-4 ft

Air Temp: High 69

H2O Temp: low 60s

Tides: high 12:30 pm
low 5:30 pm

- Details:**
- **Bottom Line: Light and shifty, veering E-SE-SSE afternoon winds.**
 - Visibility is currently good at Block, while winds are NE.. and all the fog is currently over the Cape/Nantucket. Will have to watch to see if any of this moves in towards us as winds veer.
 - Winds this morning are light from NE, but this will gradually fade as the winds turn more E and SE.
 - expecting a couple hours of winds under ~7kt, up until around 12pm
 - Between 12 and 1pm thinking that winds will veer enough SE and begin to slowly build.
 - this is the warm front coming through, but it will be meandering slowly
 - We should see the SE shift happening quicker on Blue course/further south, arriving White/Green thereafter.
 - Wind forecast is quite light and still some uncertainty, so there is a chance speeds are lower than forecast

**Wind Forecast
WHITE/GREEN**

Time (EST)	1000	1100	1200	1300	1400	1500	1600
Wind Direction (mag)	060-080	090-100	100-120	110-130	110-130	120-140	120-140
Wind Speed (knots)	3-6	3-6	3-7	4-8	4-8	4-8	5-9
Gust (knots)							
Comments				pressure slowly filling			

**Wind Forecast
BLUE**

Time (EST)	1000	1100	1200	1300	1400	1500	1600
Wind Direction (mag)	060-080	090-100	100-120	120-140	130-150	130-150	130-150
Wind Speed (knots)	3-7	3-7	4-8	4-8	5-8	5-9	5-9
Gust (knots)							
Comments			pressure slowly filling				

Confidence/

Alternative scenarios

- There is still uncertainty in the forecast for today, making confidence in the details below average. With slow moving warm front coming over us, tough to nail down details.
- Speed of the winds veering is a big uncertainty – if it doesn't veer enough to SE then velocity will likely stay low. There's a chance velocity may not increase until closer to 3pm.
- I have forecasted towards the higher end of model guidance, and its possible that wind speeds are lower than forecast especially if the warm front decides to stall right over us.