

# Offshore Ocean Storm / Nor'Easter Today and Tonight

**National Weather Service**  
**Decision Support Briefing # 5**  
**Friday, October 11, 2019 4:04 AM**

## What Has Changed?

The **FLOOD WATCH** has been canceled.

A **WIND ADVISORY** continues for the Cape & Islands through 6 pm.

**COASTAL FLOOD ADVISORY** has been issued for Nantucket with the 11:30 am high tide.

**STORM WARNINGS** have been canceled.

**GALE WARNINGS** continue till 5 am Saturday at the latest.

## *Hazards*



## Marine / Coastal Hazards

### GALE WARNINGS ...

as late as 8 pm today for Boston Harbor & Narragansett Bay  
as late as 5 am Saturday for all other waters

### COASTAL FLOOD ADVISORY ...

10 am through 1 pm today for Nantucket

### WIND ADVISORY ...

until 6 pm this evening for the Cape & Islands






## Wind Related Hazards



## Flooding Hazards



## Main Points

Hazard	Impacts	Location	Timing
<b>Strong to Damaging Winds</b> <i>Gusts as high as 50 mph + fully-leafed trees</i> 	<ul style="list-style-type: none"> <li>- Loose objects will become airborne</li> <li>- Isolated tree damage</li> <li>- Isolated power outages</li> </ul>	<ul style="list-style-type: none"> <li>- Cape Cod &amp; the Islands</li> </ul>	<ul style="list-style-type: none"> <li>- Strong NE winds this morning into afternoon</li> <li>- Winds begin to diminish this evening and continue overnight</li> </ul>
<b>Minor Coastal Flooding</b> <i>A 1.5 – 2.0 foot surge 5 to 10 foot waves</i> 	<ul style="list-style-type: none"> <li>- Flooding of near shore roads (i.e., Easy Street)</li> <li>- Less than one foot of inundation above ground level is possible in low-lying areas near shorelines and tidal waterways</li> </ul>	<ul style="list-style-type: none"> <li>- Nantucket</li> </ul>	<ul style="list-style-type: none"> <li>- For this mornings high tide around 11:30 am</li> </ul>
<b>Gale Force Winds High Seas</b> <i>35 to 45 kt NE winds Offshore seas 10-20 ft</i> 	<ul style="list-style-type: none"> <li>- Strong winds and dangerous sea conditions for all vessels</li> </ul>	<ul style="list-style-type: none"> <li>- Boston Harbor and Narragansett Bay through 8 pm</li> <li>- All other waters through 5 am Saturday</li> </ul>	<ul style="list-style-type: none"> <li>- Gales continue this morning into afternoon</li> <li>- Winds begin to diminish this evening continuing overnight into Saturday</li> </ul>

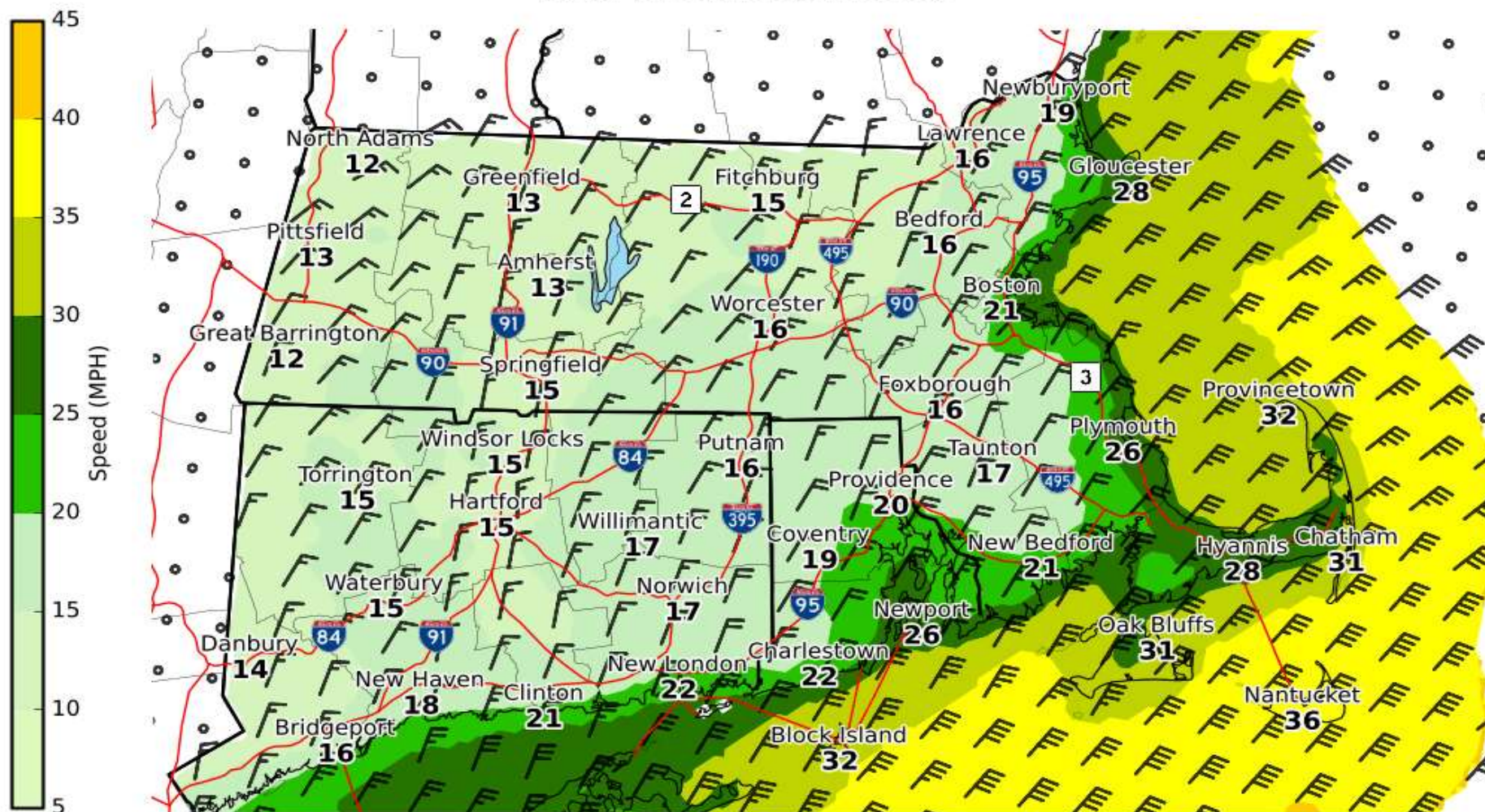
## Hazard Descriptions

None	Limited	Elevated	Significant	Extreme
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## Forecast Maximum Sustained Winds

### Max Sustained Wind (MPH)

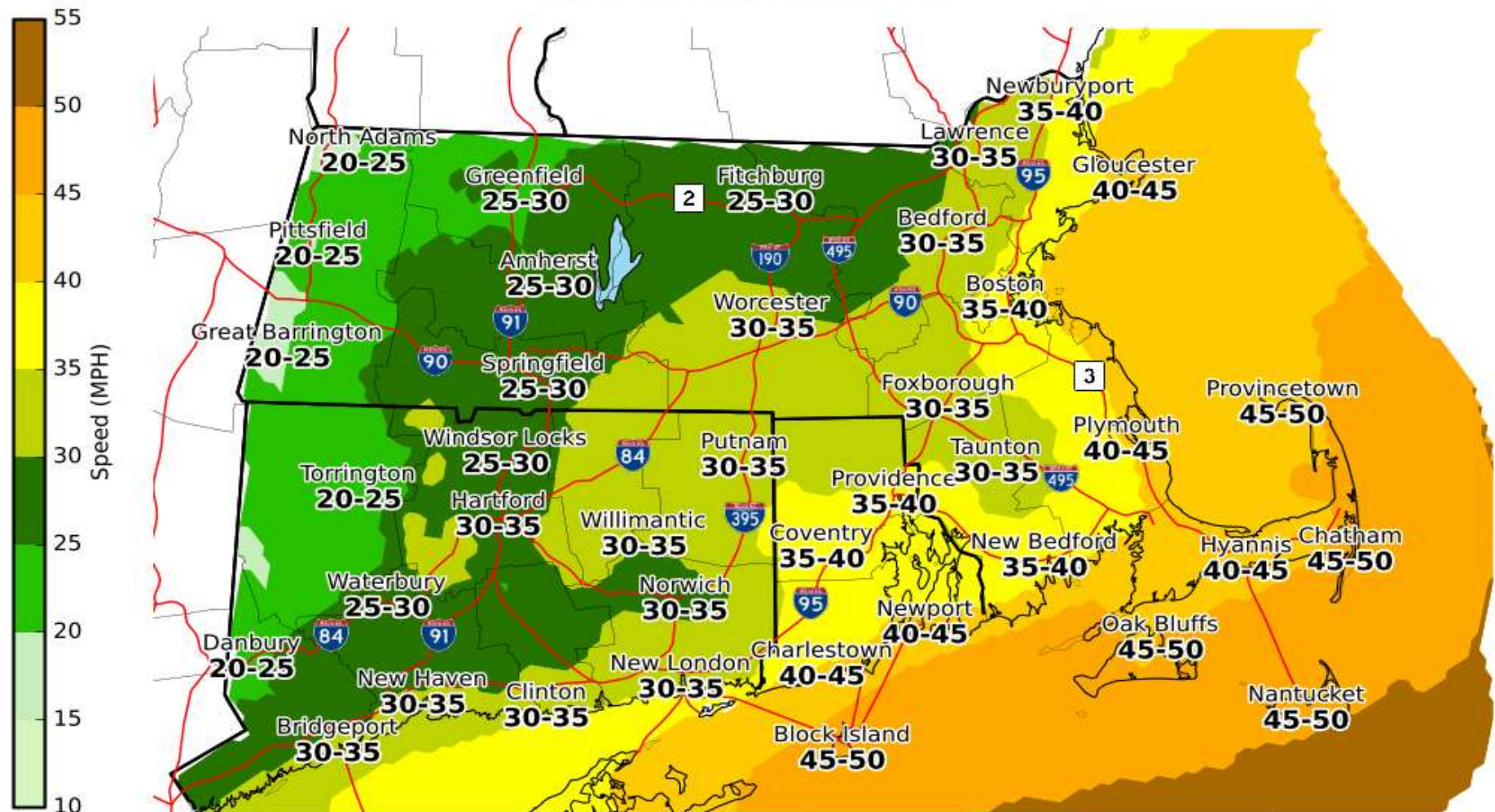
Valid: Through this afternoon



## Forecast Maximum Wind Gusts

### Max Wind Gusts (MPH)

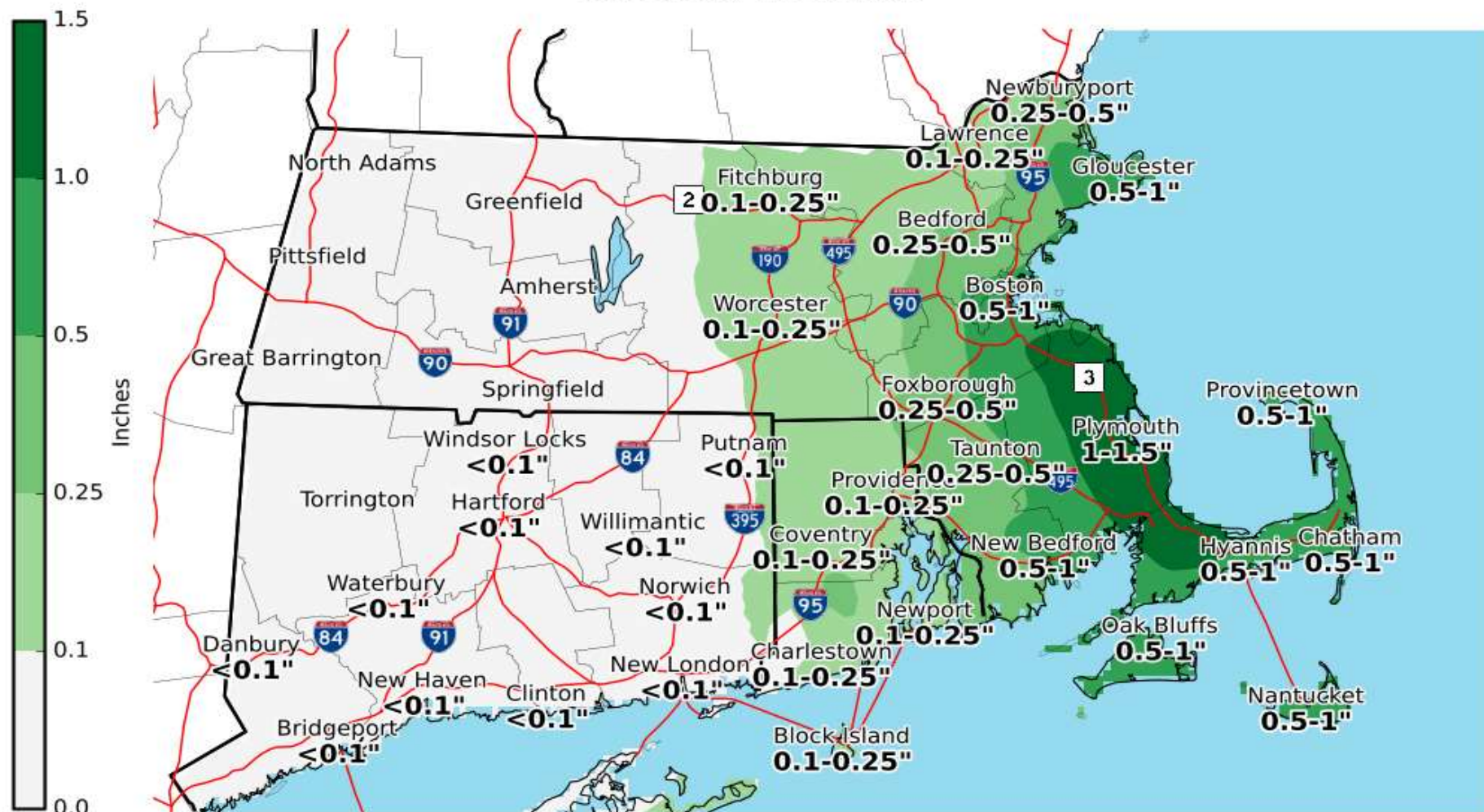
Valid: Through this afternoon



## Forecast Storm Total Precipitation

### Expected Rainfall - Official NWS Forecast

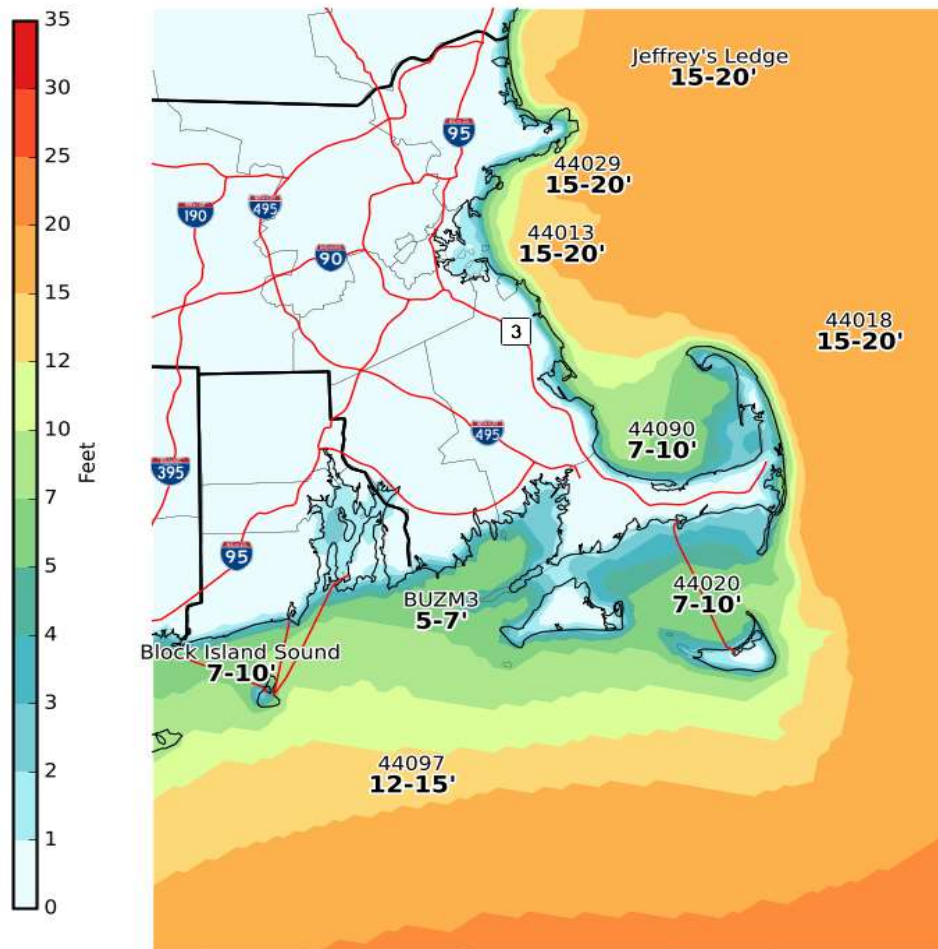
Valid: Today into Tonight



## Forecast Maximum Wave Heights and Wind Gusts (in kts)

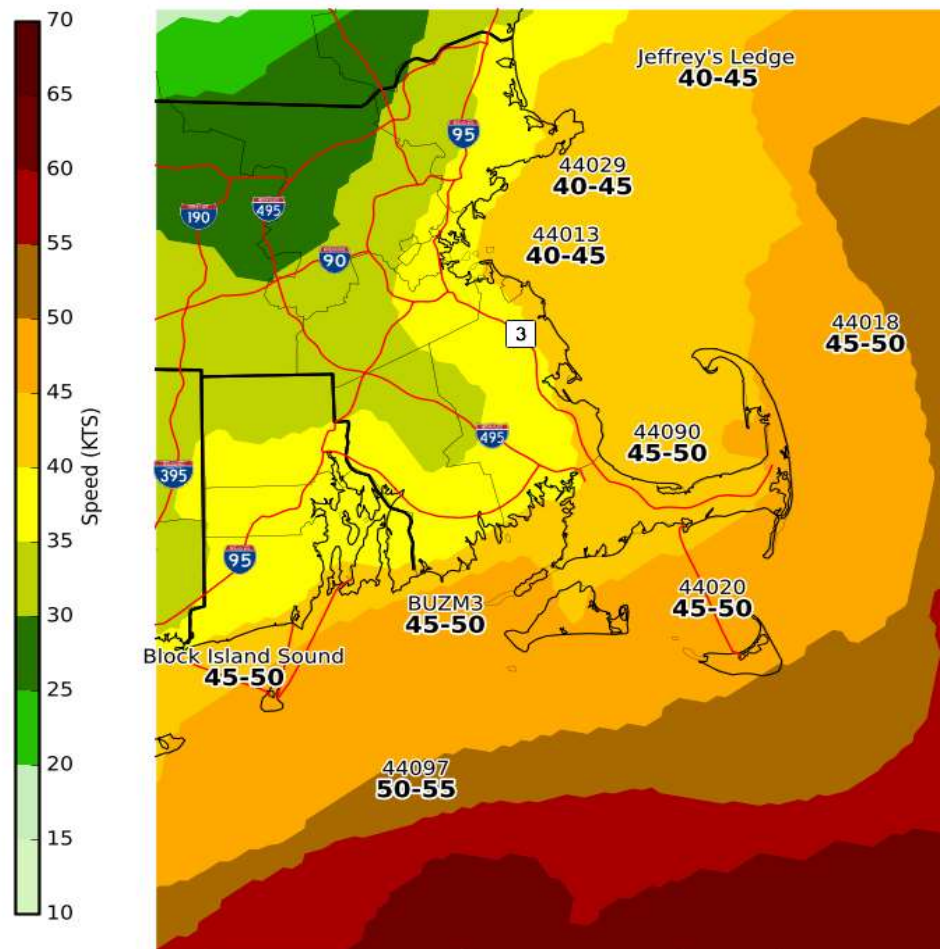
### Maximum Wave Height

Valid: Today into Tonight



### Max Wind Gusts (KTS)

Valid: Through this afternoon



## Threat Event Summary

✓ **Confidence:** High that impacts will occur, however moderate on specific outcomes.

✓ **What / Where / When:**



### Strong to damaging winds (Cape & Islands)

- Especially along the immediate coastline for the areas referenced above
- Max sustained around **25 to 35 mph**, max gusts around **35 to 50 mph**
- Isolated tree damage, power outages
- Strongest winds this morning into this afternoon, diminishing evening and overnight



### Minor coastal flooding (Nantucket)

- Around 1.5 to 2.0 foot surge with high tides + around 5 to 10 foot waves
- Less than one-foot of inundation above ground level is possible in low-lying areas near shorelines and tidal waterways, more specifically, potential issues for Easy Street in Nantucket
- For the high tide around 11:30 am
- Surge lowers into Saturday with diminishing wind and wave action
- Beach erosion remains possible with persistent northeast winds and waves of 10 to 20 feet up to the entrances of inner bays and sounds



### Gale force winds along with high seas (all waters)

- Dangerous sea conditions for all vessels
- Strong winds and high seas continue this morning into this afternoon, diminishing overnight into Saturday
- Max sustained winds around 25-35 kts, gusts around 35-45 kts; highest seas around 10-20 feet

# Contact and Next Briefing Information

**Next Briefing**  
**If Necessary**  
**Method:** *via email*



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**Disclaimer:** *The information contained within this briefing is time-sensitive, do not use after 5 pm, Friday, October 11<sup>th</sup>, 2019*