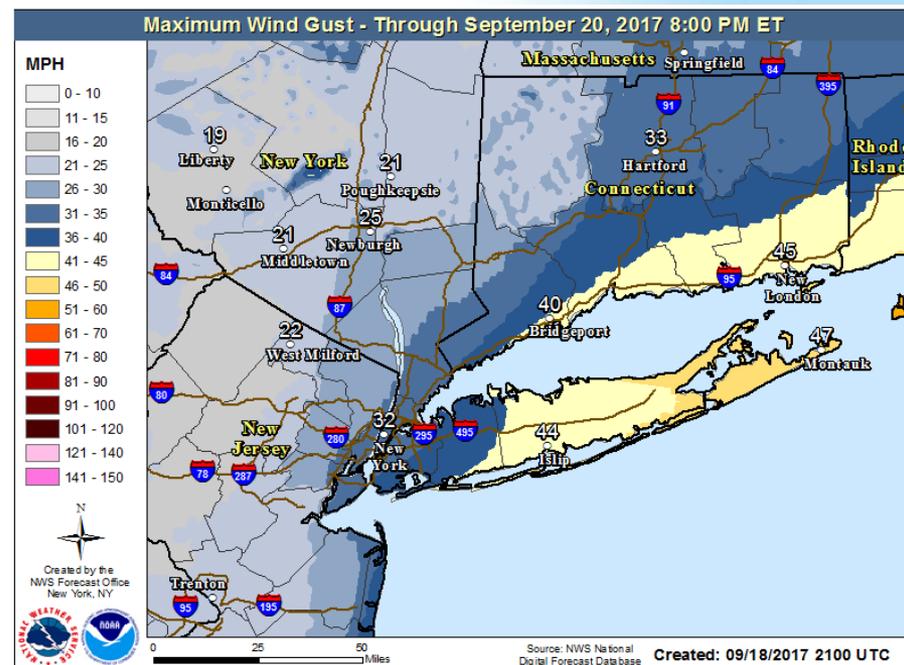
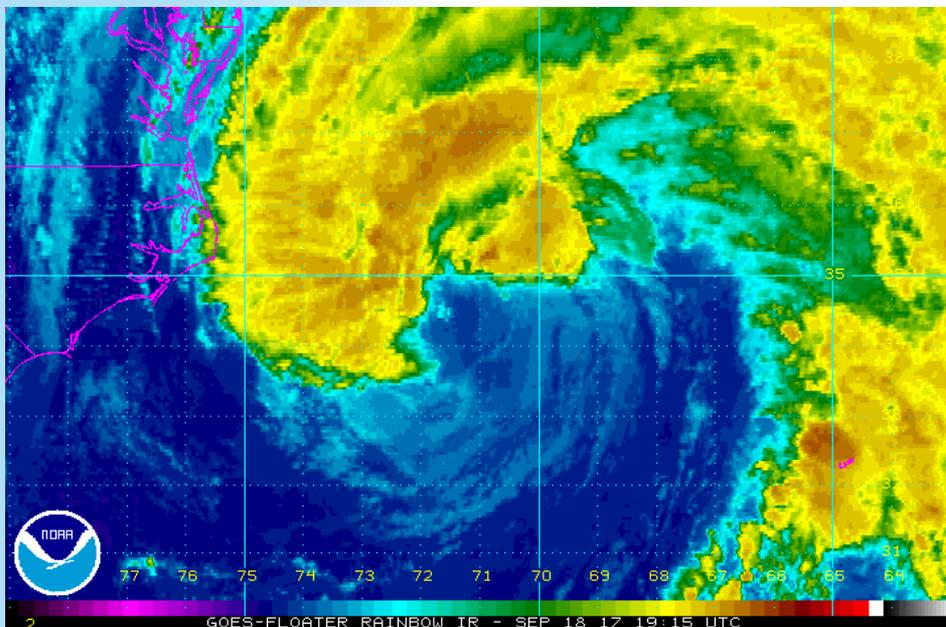


Tropical Cyclone Jose Briefing

Decision Support Briefing 6
As of: 6 pm Monday, Sep. 18, 2017



What Has Changed?

- ✓ Tropical Storm Watch Cancelled for Nassau, Southern Westchester and Southern Fairfield Counties
- ✓ Coastal Flood Warning for South Shore Bays of Queens and Nassau County – Tuesday Night
- ✓ Coastal Flood Advisory - Outside of TS Watch for Tuesday



Main Points

Hazard	Impacts	Location	Timing
Rip Currents High Surf Beach Erosion	Dangerous surf and risk of strong Rip Currents; Widespread dune erosion and localized wash-overs possible during high tides late Tue – Wed.	Atlantic Ocean Beaches	Rip Current Risk – into the weekend High Surf - into Thursday
Wind	40 to 50% chance of tropical storm force winds of 39-73 mph across far Eastern Long Island and SE CT; 10 to 20% across the Lower Hudson Valley and NE NJ; 20 to 40 pct. Elsewhere . Scattered power outages possible caused by downed tree limbs and some downed trees	Highest impacts along the Twin Forks and southern New London County with lesser damage elsewhere, limited mainly to coastal locations	6 pm Tue to 6 pm Wednesday
Rain	1 to 3 inches of rain may cause flooding of low lying and poor drainage areas	Across Long Island and SE CT	Tuesday through Wednesday
Marine	Tropical storm force winds of at least 34 kt possible	All coastal waters except NY Harbor and W Long Island Sound	noon Tuesday – 8 pm Wednesday
Coastal Flooding	Minor coastal flooding Tuesday; Minor-Moderate coastal flooding Tuesday Night and possibly on Wednesday	Most Vulnerable Locations: South shore of Long Island/NYC, including the backshore bays, and Twin Forks	Around the times of high tides late Tuesday through Wednesday.

Summary of Greatest Impacts



Beach/Inundation: Atl. Beaches/Wrn. Coastal Areas



Wind: Highest Eastern Long Island/SE CT



Flooding Rain: Long Island and CT



Tornado:



Marine: Atlantic Ocean Coastal Waters



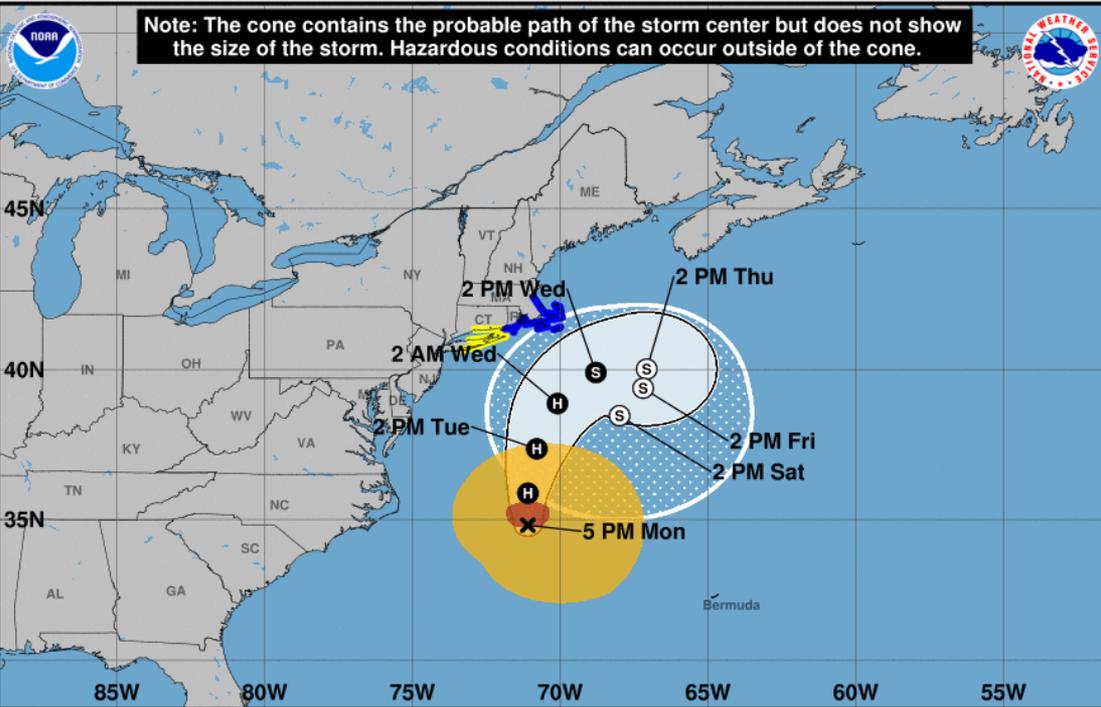
Note:

Hazard impact level definitions can be found on our Hurricane Threats and Impacts Page <http://www.weather.gov/srh/tropical?ofice=okx#hti>

Tropical Cyclone Jose

5 pm NHC Forecast Advisory

Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.

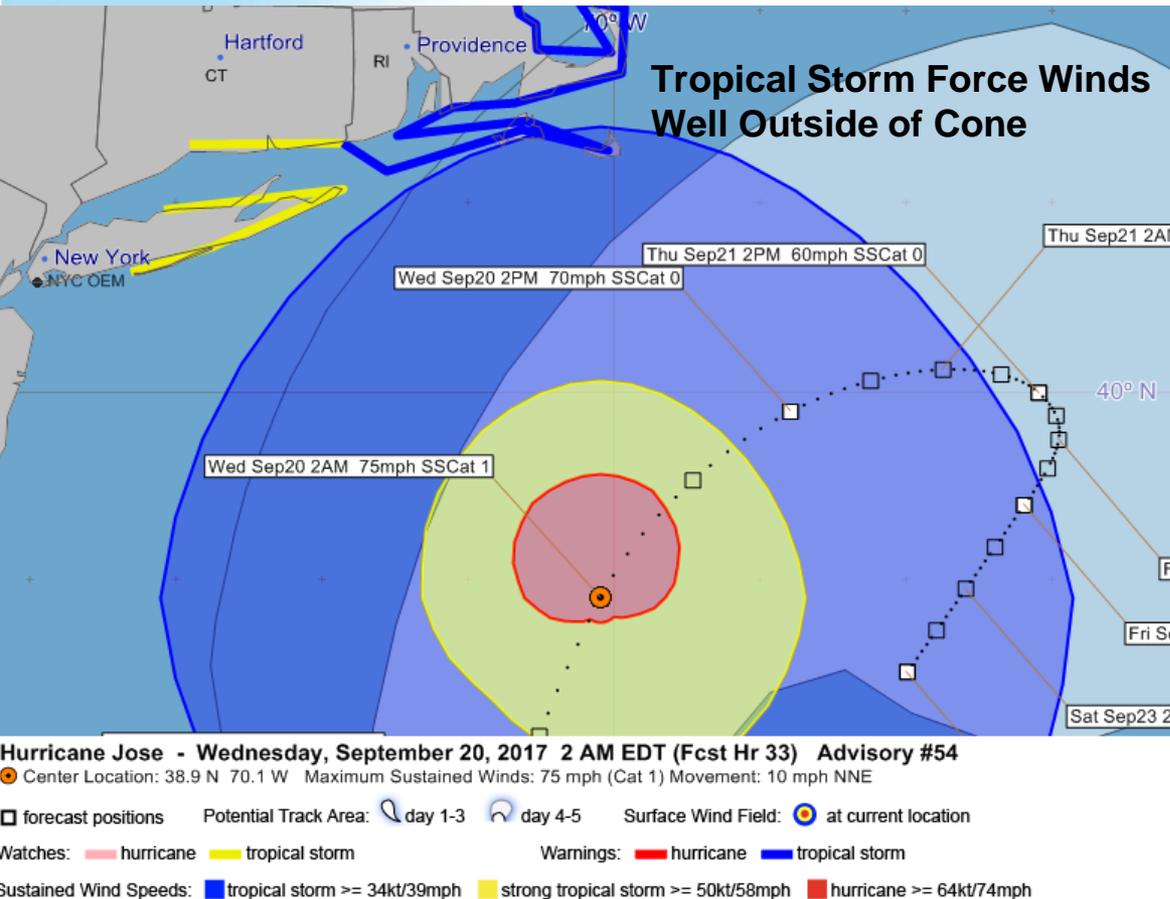


- ✓ Category 1 Hurricane forecast to weaken as it passes southeast of Long Island on Wednesday as a Tropical Storm.
- ✓ Wind and surge impacts will be felt well outside the cone – See next slide

Hurricane Jose Monday September 18, 2017 5 PM EDT Advisory 54 NWS National Hurricane Center	Current information: X Center location 34.8 N 71.1 W Maximum sustained wind 75 mph Movement N at 10 mph	Forecast positions: ● Tropical Cyclone ○ Post/Potential TC Sustained winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110 mph
---	---	---

Potential track area: Day 1-3 (solid line) Day 4-5 (dotted line)	Watches: Hurricane (pink) Trop Stm (yellow)	Warnings: Hurricane (red) Trop Stm (blue)	Current wind extent: Hurricane (brown) Trop Stm (orange)
--	---	---	--

Impacts Occur Well Away from the Center



Closest Approach:

- ✓ Approximately 165 miles southeast of Montauk Point and 230 miles southeast of NYC.
- ✓ Impacts to our area likely well outside of the forecast center (wind, rain and coastal impacts)

Surge/Inundation Hazard and Impacts

Surge/Inundation Threat:

- ✓ New Moon Sep. 19; astronomical tides running high
- ✓ Minor coastal flooding *expected* with Tuesday morning high tide, **Moderate coastal flooding expected with Tuesday night** across the backshore bays of Southern New York City/Long Island and the Twin Forks of Long Island. **Moderate coastal flooding** is possible in these locations with Wednesday mornings high tide as well. Elsewhere minor coastal flooding is expected Tuesday night and possible Wednesday morning.

Timing:

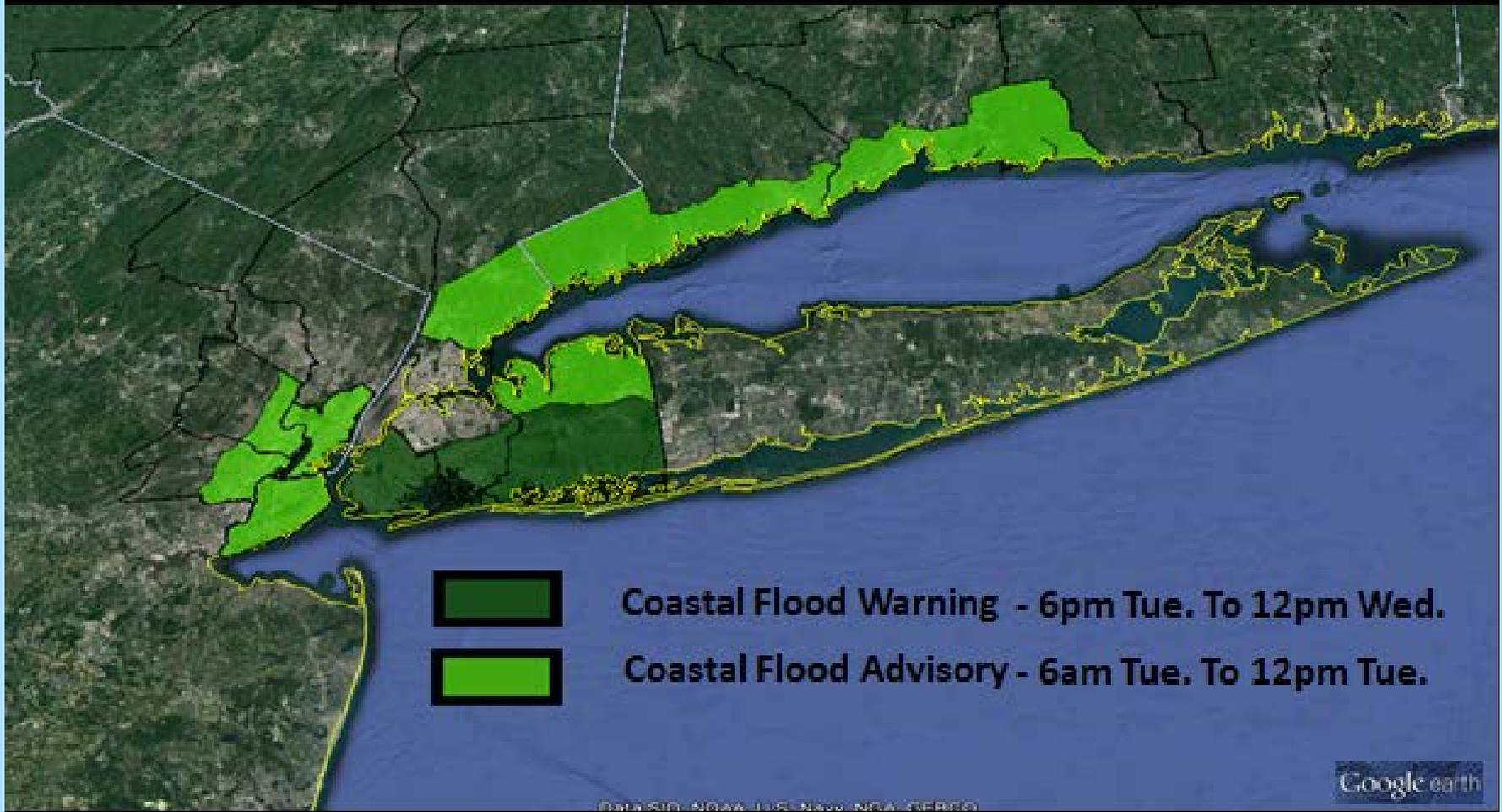
- ✓ Peak impacts will be around the times of high tide late Tuesday into Wednesday.

Potential Impacts for Coastal Flooding:

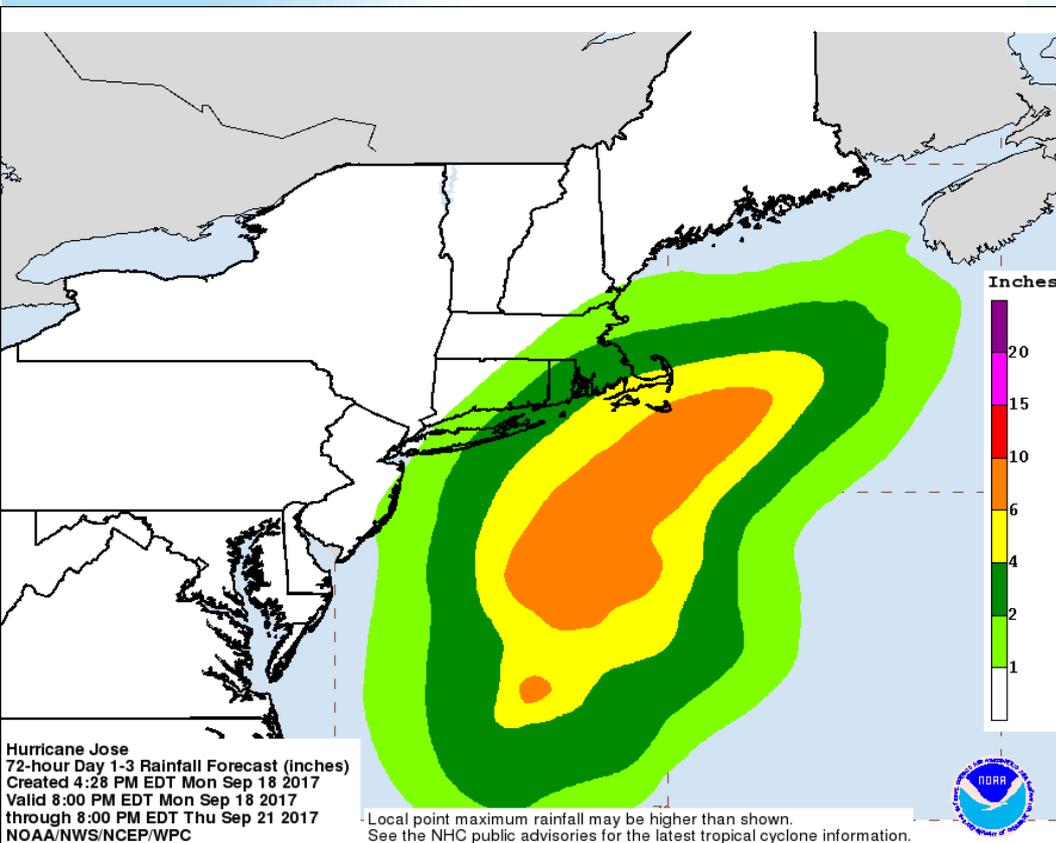
- ✓ Some inundation in shoreline communities and vulnerable areas.
- ✓ Elevated threat of property damage - Some low-lying coastal and shoreline roads will be impassable.

Surge/Inundation Hazard and Impacts – Cont.

Coastal Flood Warnings & Advisories



Rainfall Forecast



Rain Threat:

- ✓ Sharp west to east gradient of rainfall based on storm track; 1-3 inches across Long Island and SE CT; Less than 1 inch elsewhere

Timing:

- ✓ Heaviest rain Tuesday through Wednesday morning. Urban flooding of low lying and poor drainage areas possible.

Wind Hazard and Impacts

5 pm NHC Forecast Advisory

Tropical Wind Threat:

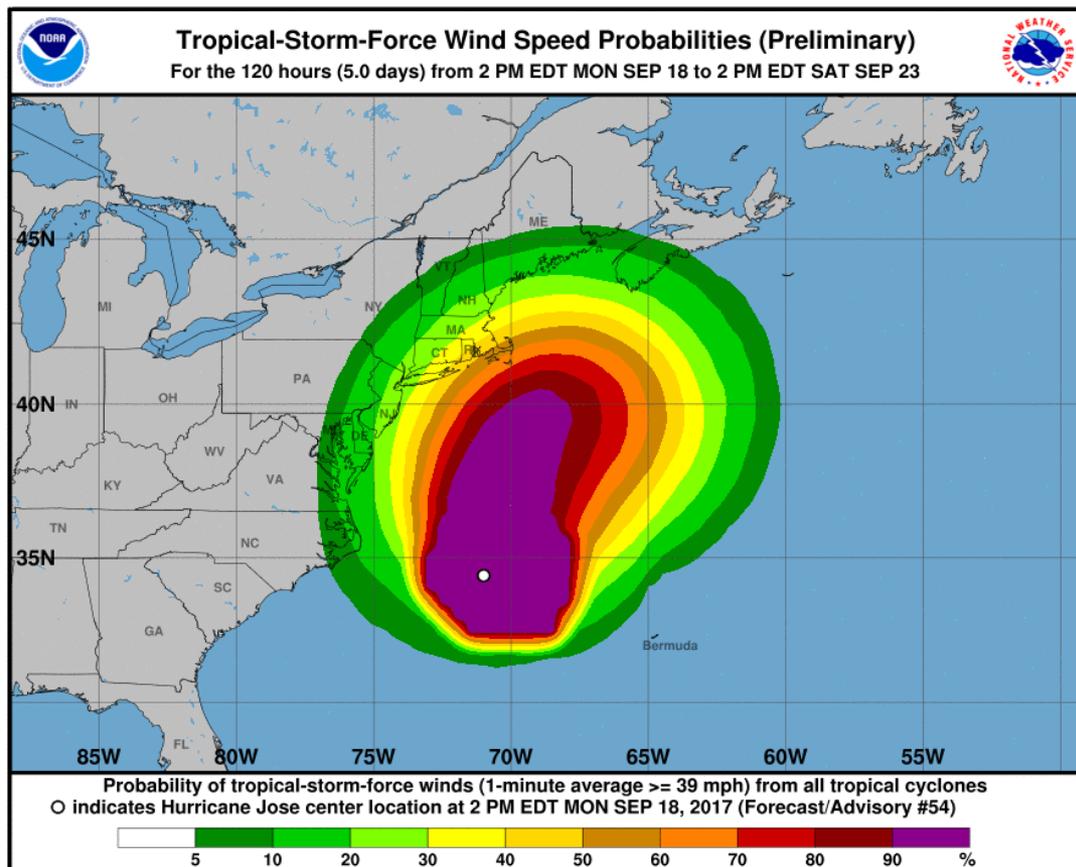
- ✓ Chance of Tropical Storm force winds, likely over far eastern Long Island and SE CT.

Timing:

- ✓ IF Jose maintains its track, tropical storm force winds possible after 6 am Tuesday; Most likely after 10 pm Tuesday.

Impacts

- ✓ Minor damage to trees with possible scattered power outages; damage most likely over far Eastern Long Island and SE CT.



Forecast Uncertainties or Scenarios

- ✓ IF Jose moves further east or weakens more than forecast, all impacts (wind, rain, and coastal flooding) will be less.
- ✓ IF Jose moves further west than forecast, tropical storm force winds, heavier rain and more significant coastal flooding will spread further west.

Event Summary

- ✓ **REMEMBER** that impacts occur well outside of the forecast error cone (see slide 5).
- ✓ The NHC wind speed probability graphic shows the real potential of being impacted by a tropical storm.
- ✓ The best chance for tropical storm force winds remains across far eastern Long Island and Southeast Connecticut
- ✓ Minor coastal flooding is expected; moderate coastal flooding with inundation of 1 to less than 3 feet above ground level is expected Tuesday night along the south shores of NYC/Long Island (including the Back Bays) and the Twin Forks of Long Island.

