



# Hurricane Lee Briefing

6:30 AM EDT

Friday, Sep 15, 2023

## What Has Changed:

- Tropical Storm Warning Issued for Downeast Maine, the Bangor Region, and the Upper Penobscot Valley
- Coastal Flood Warnings Issued for Coastal Downeast
- A Hurricane Watch remains in effect for Coastal Washington County



# Situation Overview

## Hurricane Lee

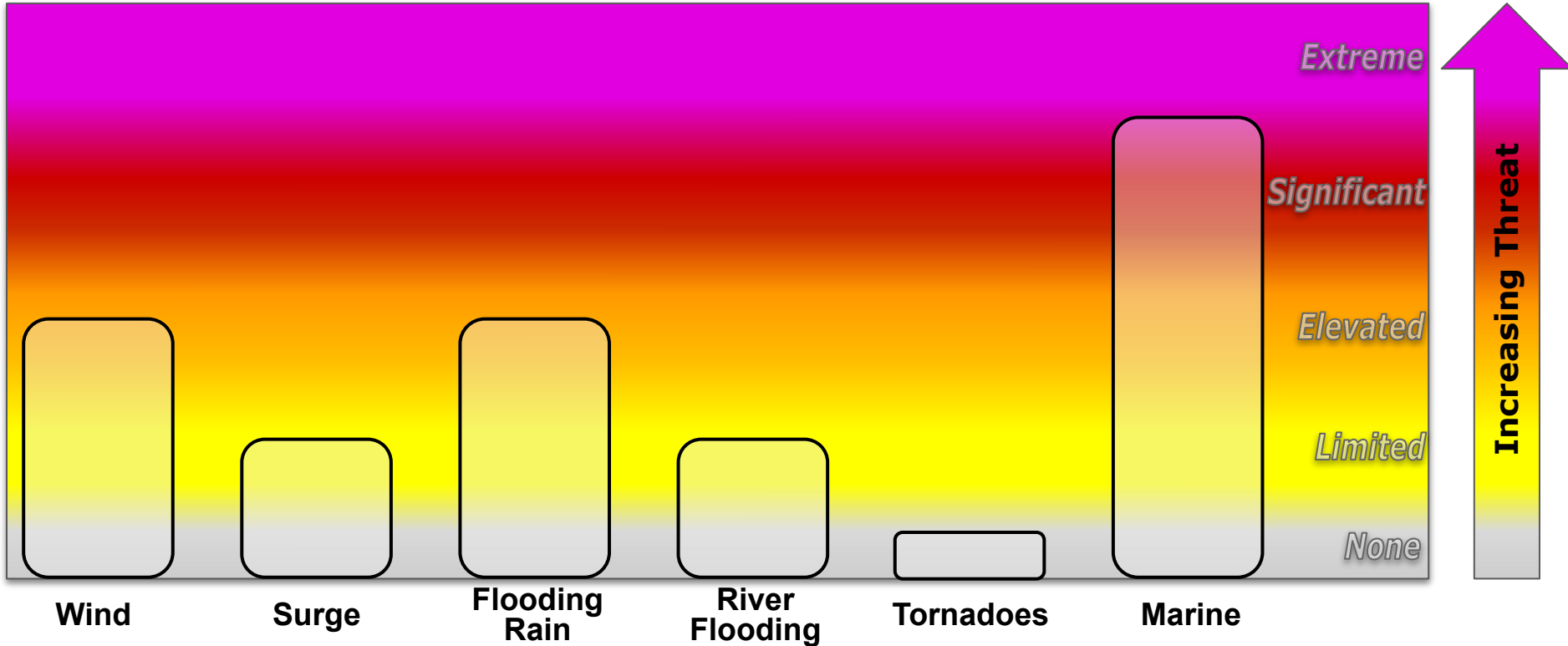
- Lee is now forecast to make landfall in western Nova Scotia as a strong Tropical Storm
- Lee is a large storm and impacts are expected well away from the center
- Tropical storm force winds and heavy rainfall are possible across most of southeastern Maine. Eastern Washington County will feel the most impact from Lee, including moderate coastal flooding and erosion.
- Power outages and localized flooding from heavy rainfall could be enhanced by rainfall earlier this week



# Threat Levels

Hurricane Lee

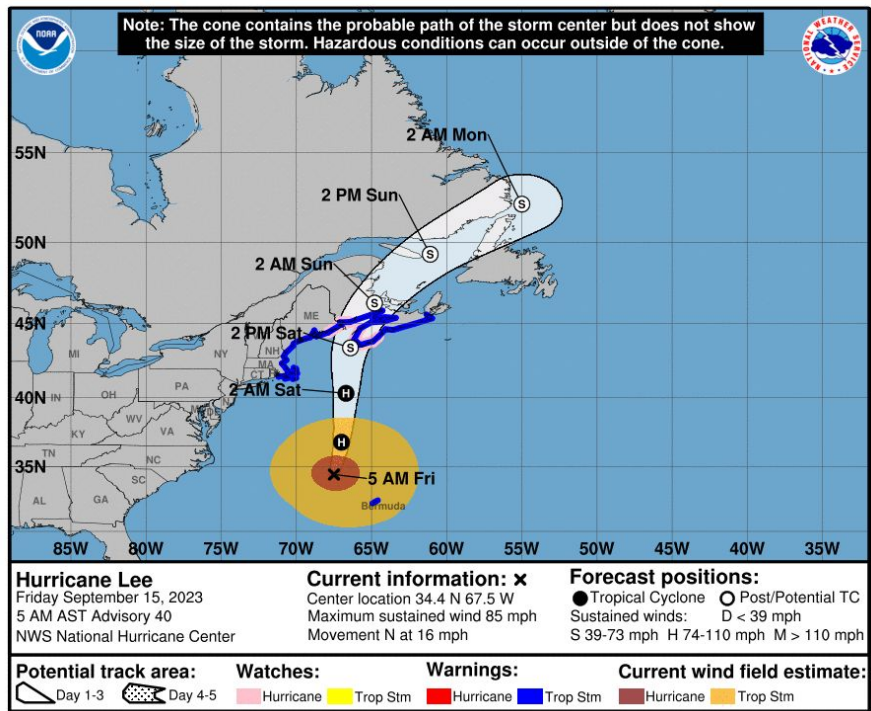
For information on specific hazards in this area, please go to: <https://www.weather.gov/srh/tropical?office=car>





# Situation Overview

## Hurricane Lee



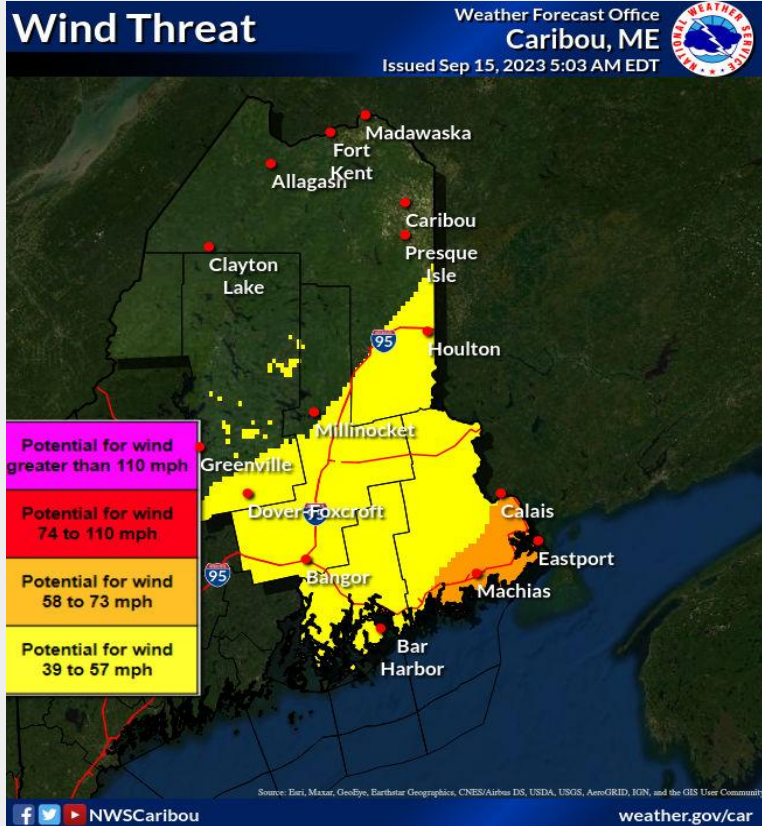
- Lee is forecast to make landfall in Nova Scotia as a strong Tropical Storm
- Lee is a large storm. Potential impacts from tropical storm force winds and heavy rainfall could occur well inland, outside of the forecast track

**NOTE:** Do not focus on the exact track.  
Impacts can occur well outside the area enclosed by the cone.



# Wind Threat / Potential Impact

Hurricane Lee



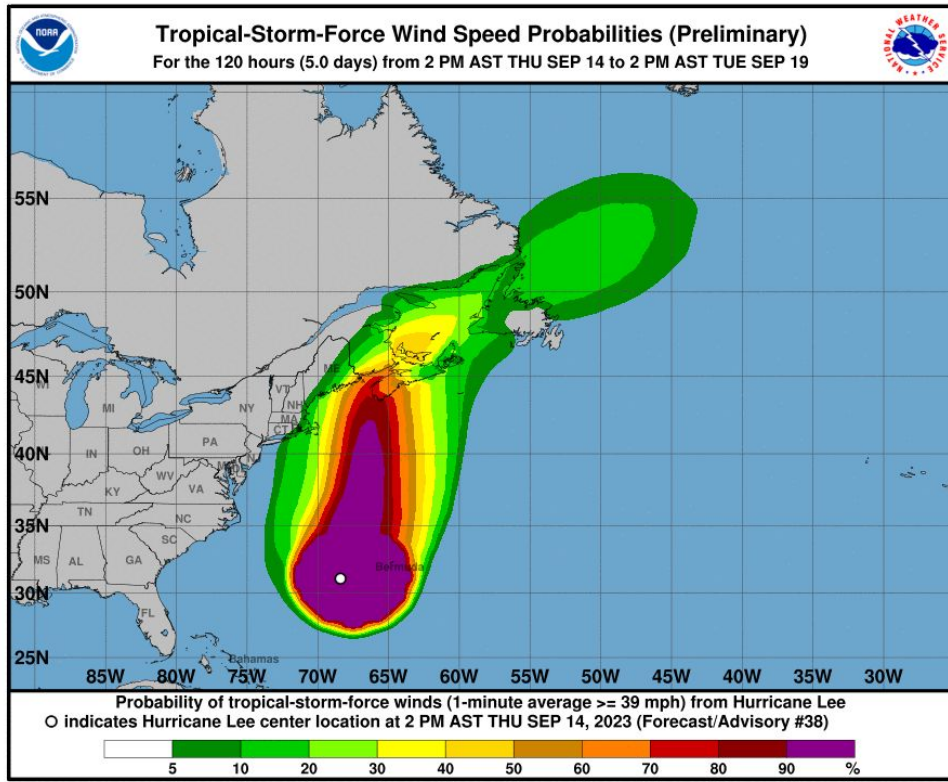
There is a potential for:

- Winds near hurricane force across southeastern Washington County and winds of tropical storm force south of a line from Bridgewater to Greenville



# Tropical Storm Wind Speed Probabilities

Hurricane Lee



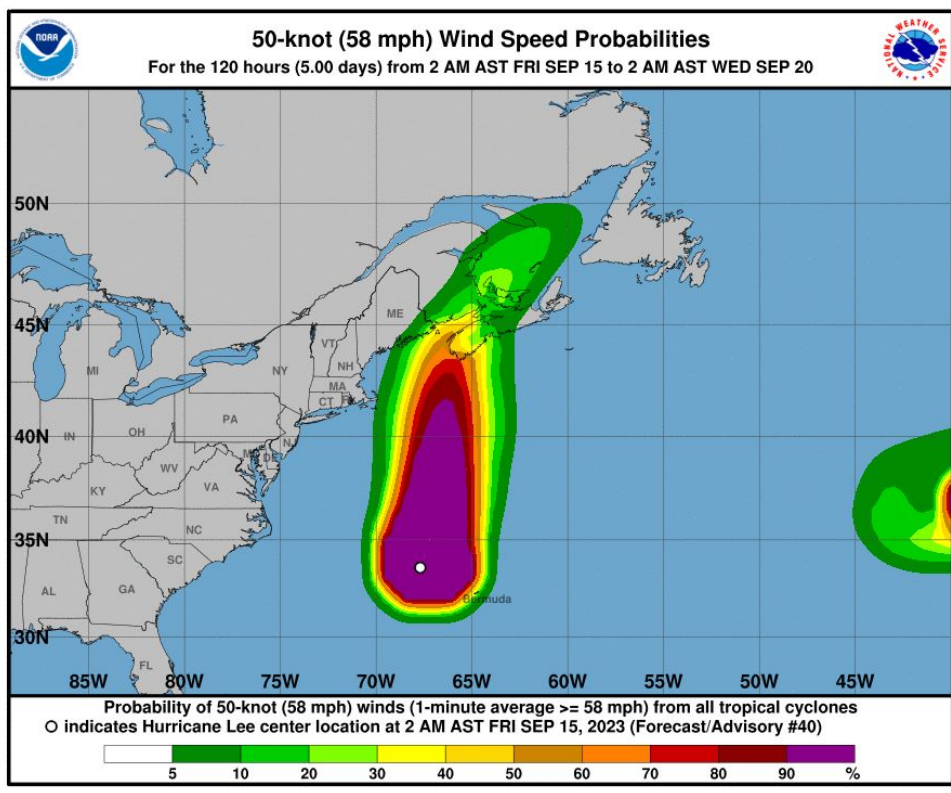
## Tropical Storm Force Wind Probabilities:

- Highest chance (7 in 10) for tropical storm force winds ( $\geq 39$  mph) along the far eastern Downeast coast
- 2 out of 10 of tropical storm force winds from Penobscot Bay through Interior Downeast



# 50 kt (58 mph) Wind Speed Probabilities

Hurricane Lee



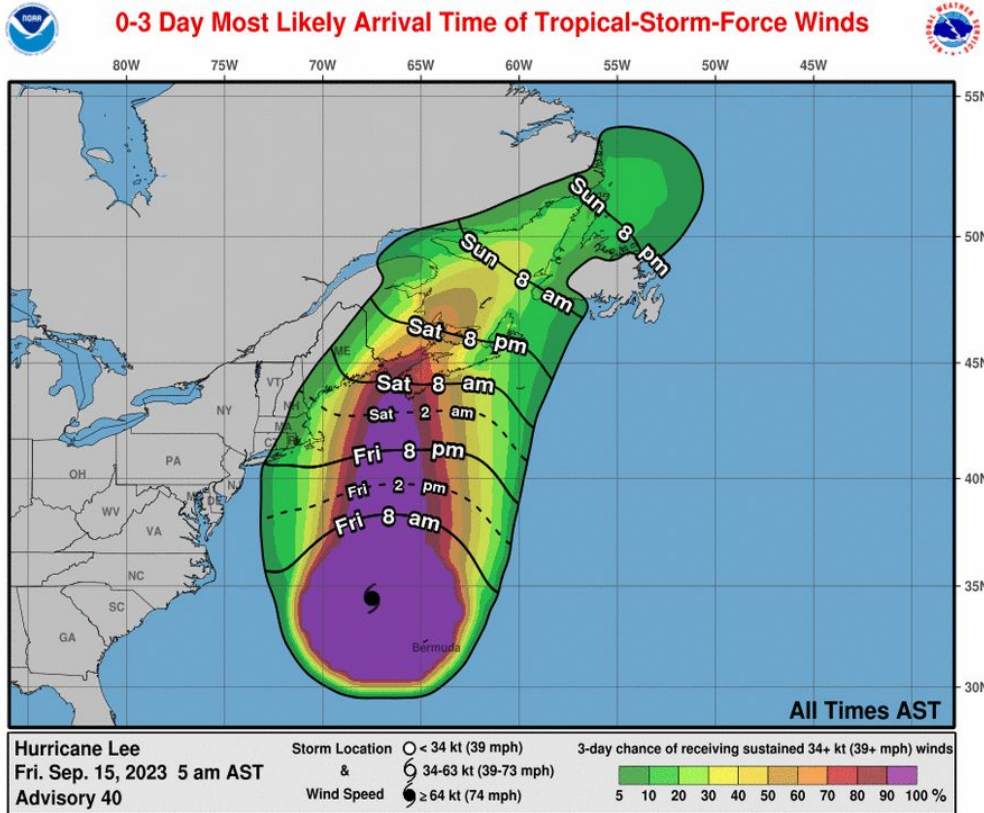
Strong Tropical Storm Force Wind Probabilities:

- Chance for strong tropical force winds ( $\geq 58$  mph) remains a 2 in 10 for the far eastern Downeast Coast



# Most Likely Time of Arrival

Hurricane Lee



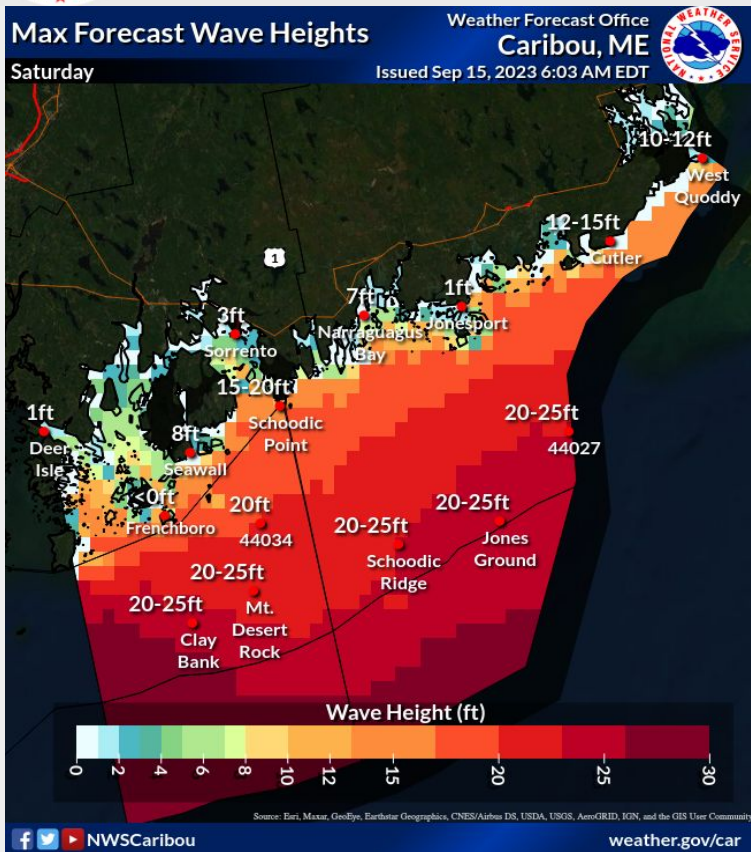
- The earliest reasonable time of arrival of Tropical Storm Force Winds for Maine is by late Friday night/early Saturday Morning
- Preparations should be completed by this time
- However, the most likely time this area will see Tropical Storm Force Winds is Saturday morning
- Expect the most impacts from wind to occur during this period





# Potential Coastal Flooding

## Hurricane Lee



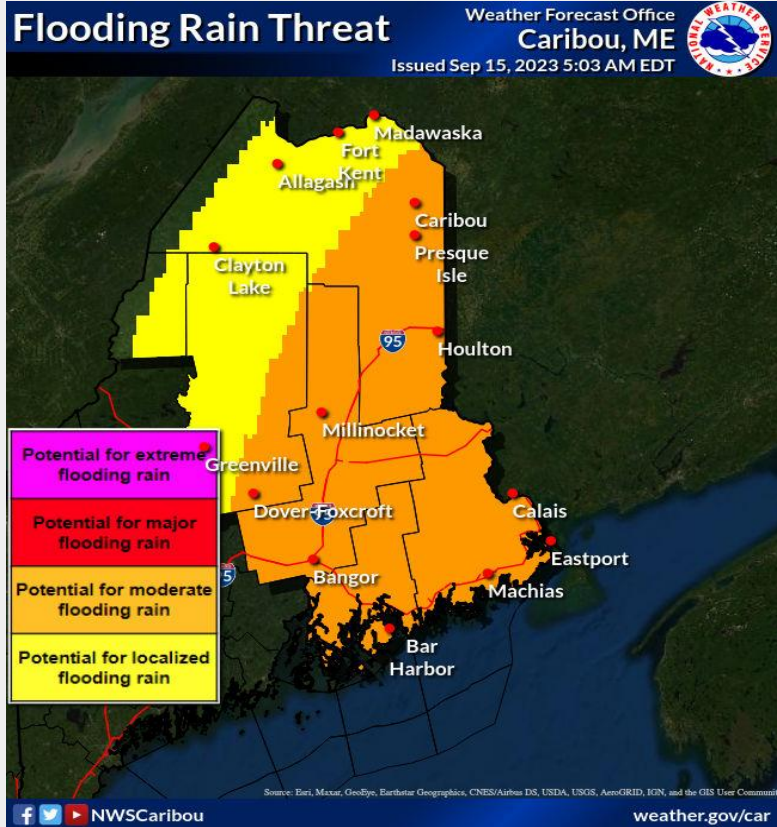
There is a potential for:

- Minor to moderate coastal flooding around the times of high tide late Friday evening and Saturday.
- Coastal erosion is likely from Friday night through Saturday. The most significant inundation is expected around midday Saturday with the highest wave action along the coast.
- In addition to minor inundation and moderate erosion, dangerous surf conditions are expected today through tomorrow, including sneaker waves and rip currents



# Inland Flooding Impacts

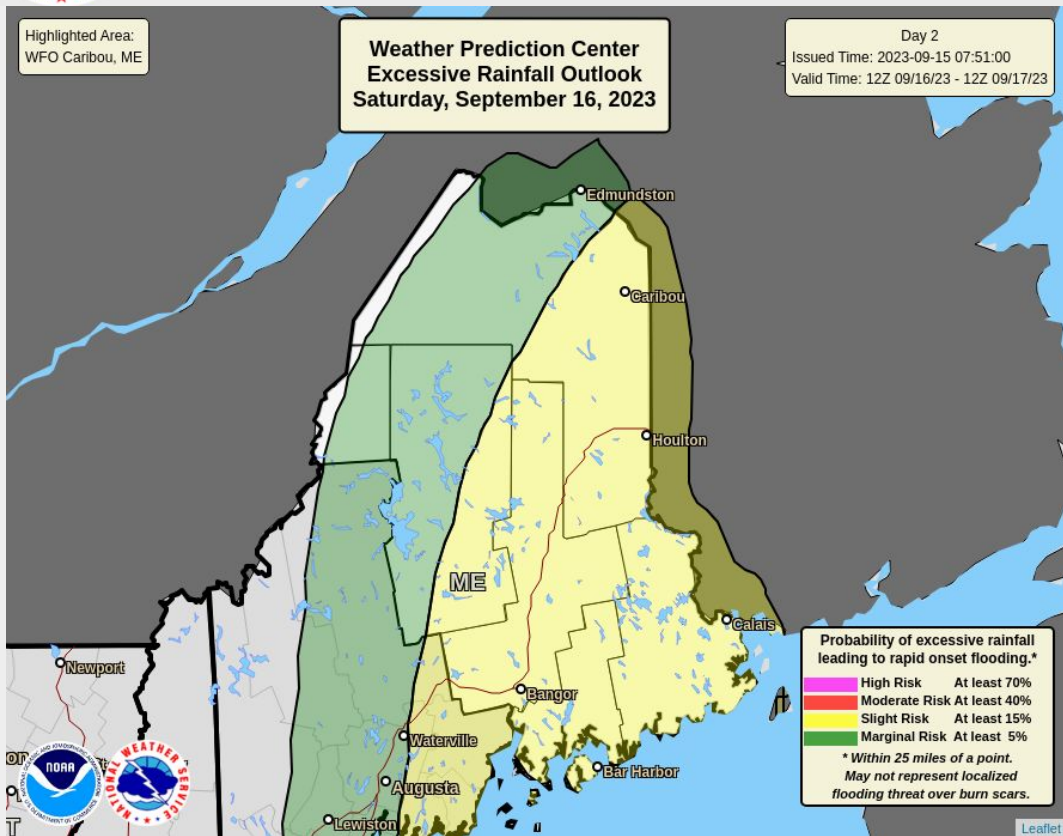
Hurricane Lee



- Potential for flooding rain due to heavy rainfall rates exists mainly on Saturday across most of eastern Maine
- Longer term river flooding not expected at this point in time



# Excessive Rainfall Outlook



- Areas outlined in yellow have the greatest potential for flash flooding Saturday/Saturday night
- Runoff will be rapid due to wet to saturated soil conditions
- Flash flooding and small stream flooding will be the most likely rain related impacts across the region
- Mainstem rivers will rise but are projected to stay in their banks based on the current rainfall forecast

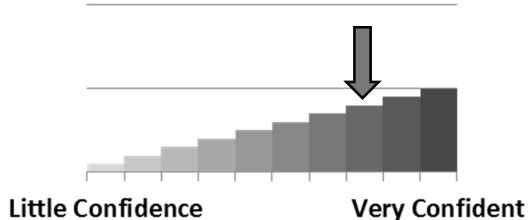


# Key Take-Aways

## Hurricane Lee

- Increasing consistency in Lee's forecast track and strength at landfall leads to increased confidence in impacts for eastern Maine
- Lee is a large storm and impacts are expected well away from the center. Impacts from gusty winds and heavy rainfall may be felt as far away as the Central Highlands
- Coastal erosion and overwash is likely with high wave heights forecast just offshore. Uncertainty is high in how wind direction will impact effects at individual points.
- Residents from Greenville through Bridgewater and southeastward should prepare for possible power outages and localized flash flooding possibly causing washouts. Coastal residents should also prepare for high surf causing moderate overwash, minor inundation and damage to unsecured marine assets.

### Forecast Confidence



**Increasing confidence in both the forecast track for Lee, and its expected impacts. However, some uncertainty remains on the westward extent of these impacts.**



# Next Briefing: 2:00 PM EDT Method: Email



**Web:** [www.weather.gov/car](http://www.weather.gov/car)



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