

Coastal Low Pressure System Impacts



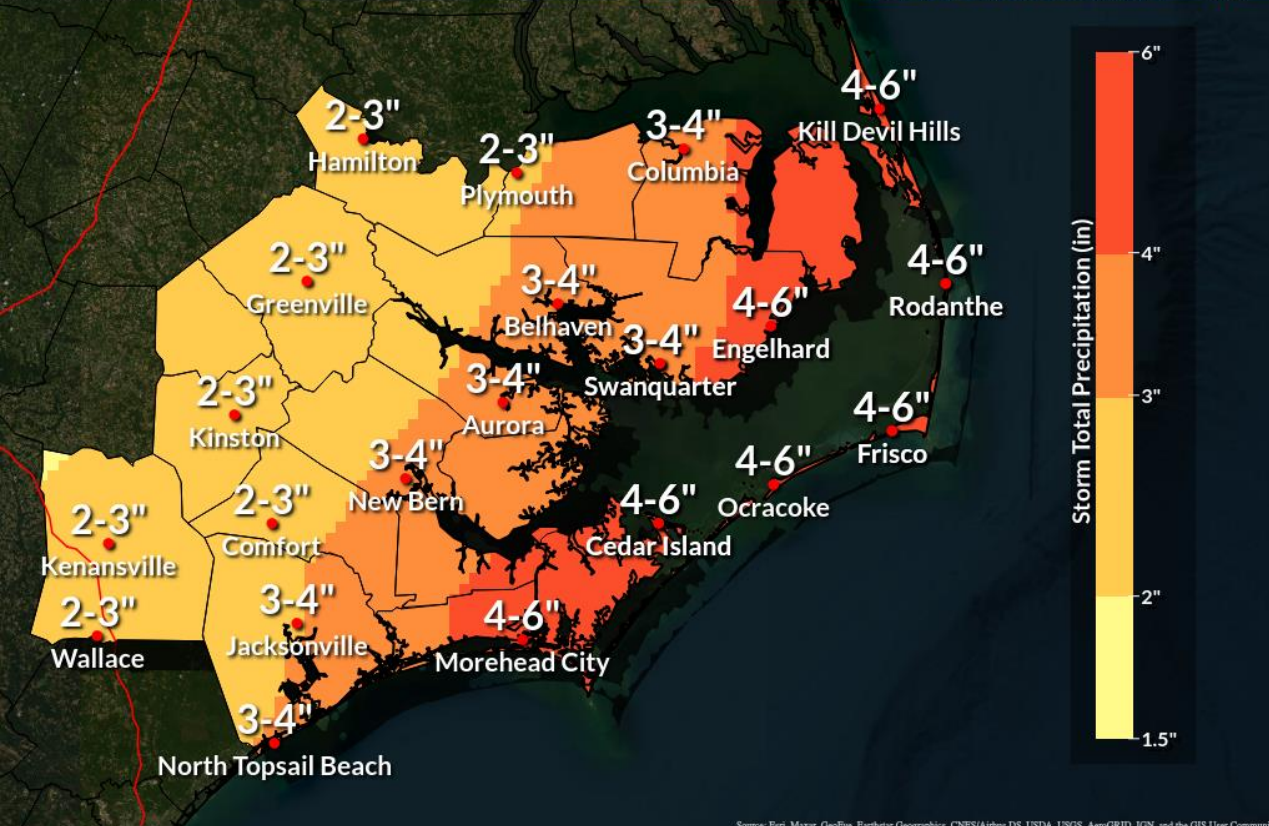
OVERVIEW

Low pressure will develop off the Southeast coast Thursday or Friday, likely bringing impacts to eastern NC as it tracks toward the Carolinas through the weekend.

Potential Rainfall Through this Weekend

Friday through Sunday

Weather Forecast Office
Newport/Morehead City, NC
Issued Sep 20, 2023 2:38 PM EDT



TIMING

- **Rip Currents and Large Surf** – Thursday into the weekend.

- **Localized Heavy Rainfall** – Highest likelihood later Friday into Saturday, with rainfall chances continuing through the weekend.

- **Strong Winds and Coastal Impacts** – See next page.

HAZARDS & IMPACTS

- **Rip Currents and Large Surf** – High confidence in dangerous surf zone conditions from a combination of swell from distant Hurricane Nigel and from the coastal low.

- **Localized Heavy Rainfall** – Localized flooding of poor drainage areas possible, especially along the coast.

- **Strong Winds and Coastal Impacts** – See next page.

Source: Erii, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Morehead City, NC
WEATHER FORECAST OFFICE

KEY MESSAGES -

Strong winds are possible, but the actual wind speed and direction remains uncertain. The greatest probability of wind impacts is along the coast, with impacts potentially beginning as early as Friday.

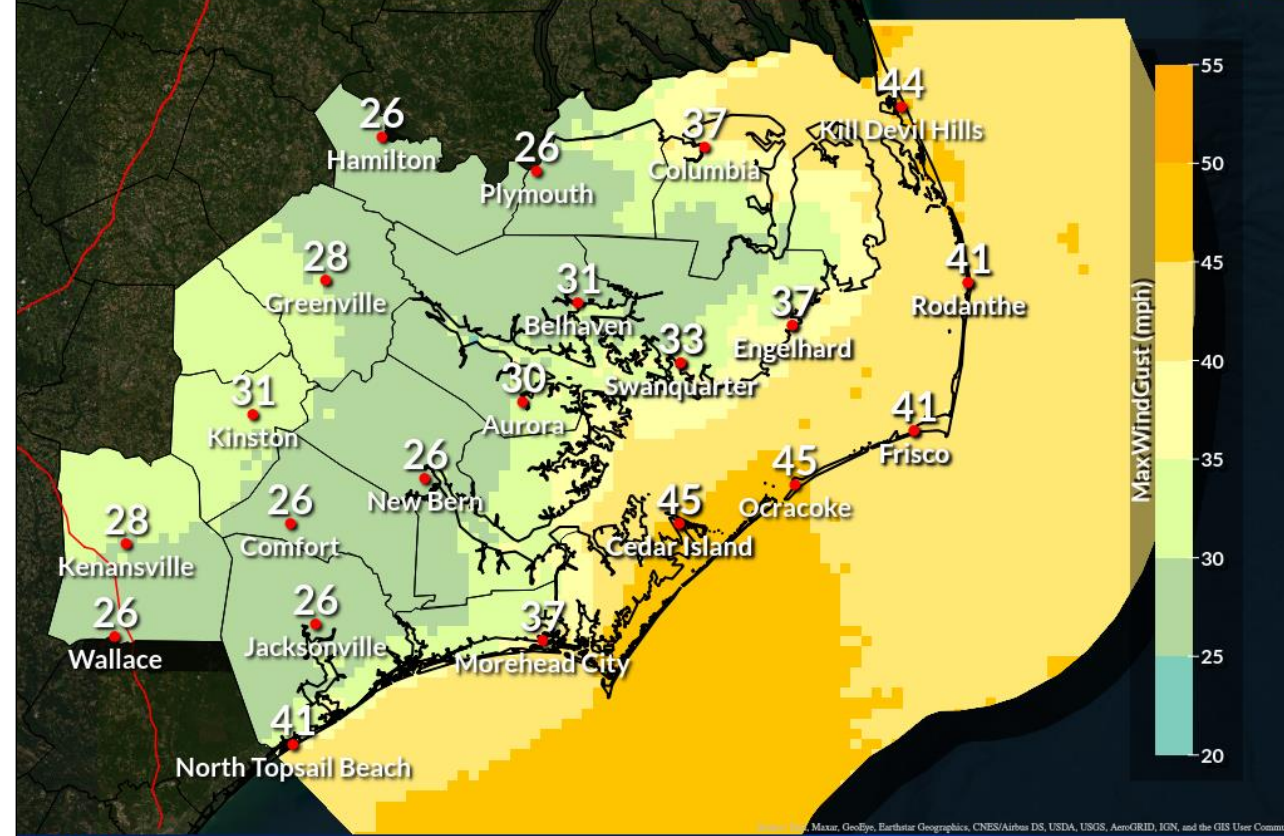
Coastal flooding and ocean overwash threat will be dependent largely on the strength of the winds. Minor to moderate coastal flooding and ocean overwash is possible beginning as early as Friday.

Impacts are **NOT** directly dependent on whether or not this low gets tropical designation, aka “gets named”.

Potential Max Wind Gusts

Through Saturday

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ADDITIONAL INFORMATION

Make sure you are getting forecasts from reputable sources such as the National Weather Service and continue to monitor for forecast updates as confidence in impacts increases.