

Sub-Tropical Storm Ana

Eastern North Carolina

Threat Assessment

National Weather Service
Newport/Morehead City, NC

Date/Time Created: 11 am 05/08/15

**Tropical Storm Watch in effect for Carteret and
Onslow counties and coastal waters south of
Cape Lookout**

Sub-Tropical Storm Ana Advisory #3



<u>Advisory Time:</u>	11 AM EDT 8 May
<u>Position:</u>	31.5N 77.3W or 180 miles SSE of Myrtle Beach SC
<u>Intensity:</u>	45 MPH
<u>Movement:</u>	Stationary
<u>Minimum Pressure:</u>	1001 MB (29.56 inches)

Overview: Subtropical Storm Ana will slowly drift northwest towards the South Carolina coast over the next few days, then turn northeast and track across eastern North Carolina as a Subtropical Depression early next week.

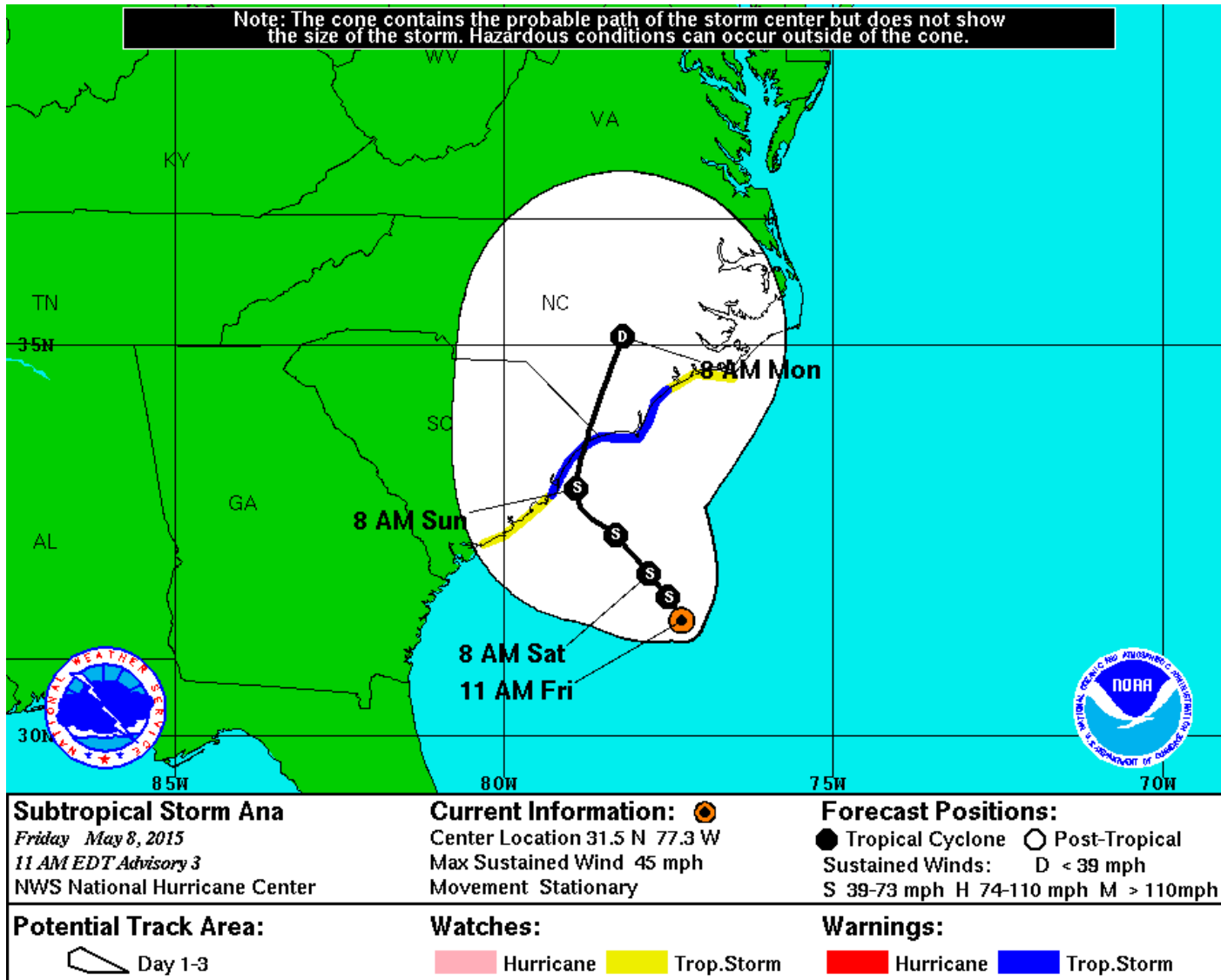
Impacts: The main impacts from Ana continue to look like periods of heavy rainfall, gusty winds along the coast, rough surf south of Cape Hatteras and a high risk of dangerous rip currents today through the weekend.

- **Tropical storm conditions** are possible south of Cape Lookout over the weekend.
- A **High Surf Advisory** remains in effect from Cape Hatteras to Cape Lookout for rough surf with minor beach erosion possible.
- A **Beach Hazards Statement** is in effect north of Cape Hatteras for a High Threat of rip currents
- An isolated strong to severe thunderstorm with gusty winds or an isolated tornado will be possible over the weekend, with the best chances across the southern coastal areas. An isolated severe threat may continue into Monday as well.
- Additional impacts could be felt across the region if the track and/or strength of ANA changes.

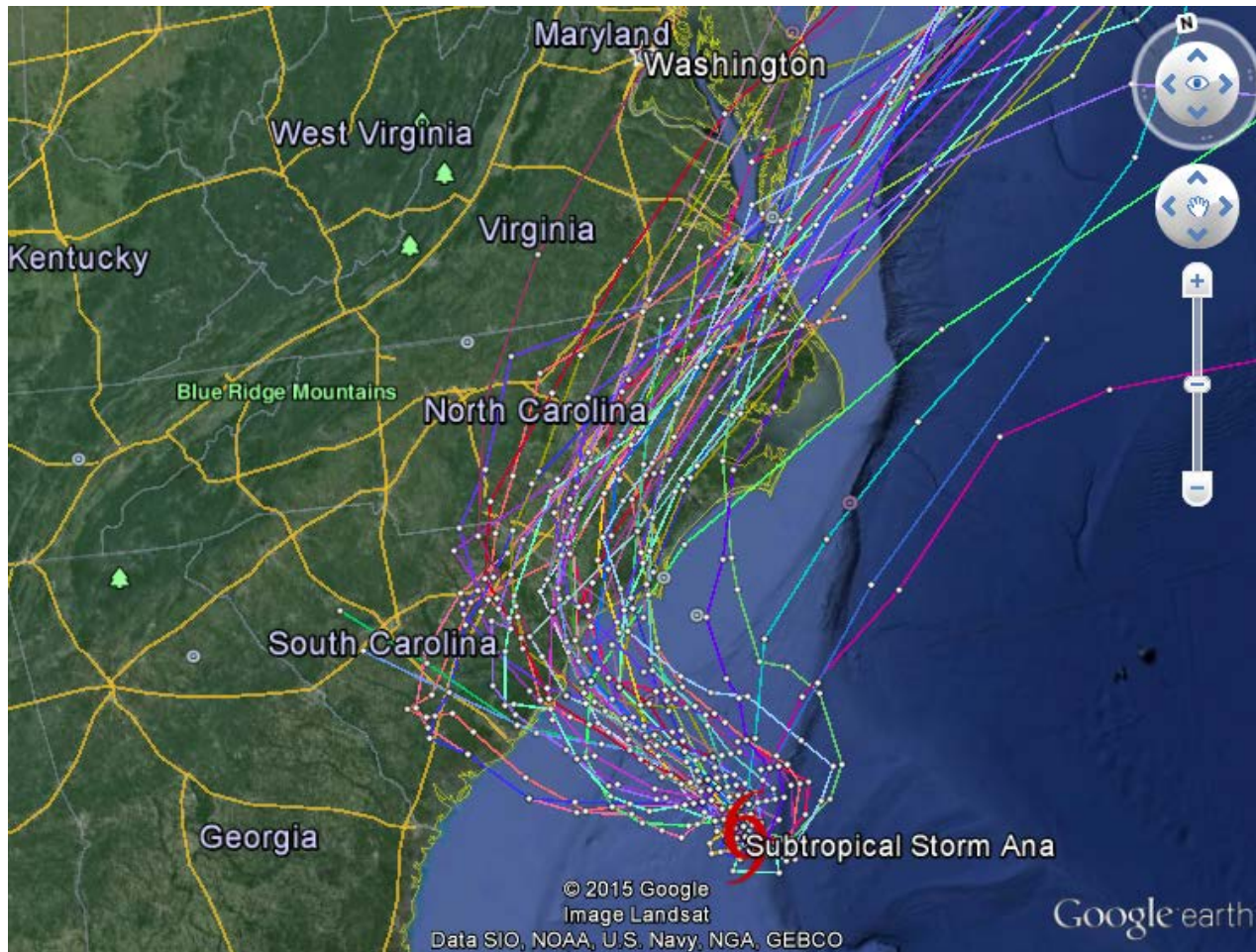
Marine Impacts: Seas will build as high as 7 to 10 feet, highest south of Cape Hatteras, with Small Craft Conditions continuing through the weekend.

Recommendations: Closely monitor the progression and evolution of this system, especially for those agencies with outdoor activities scheduled this weekend.

Coastal Watches/Warnings and 3-Day Forecast Cone



Subtropical Storm Ana Model Forecast Tracks

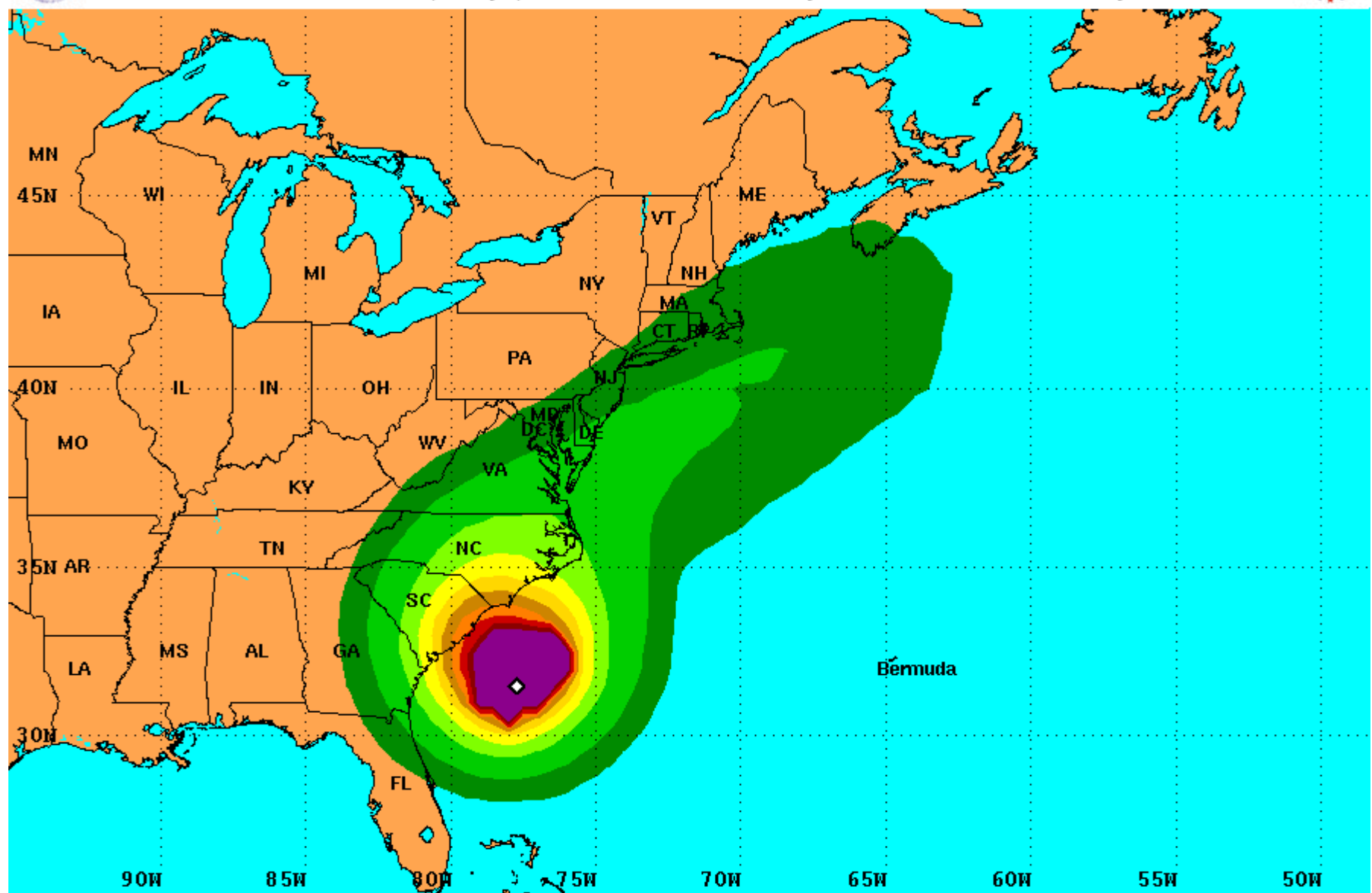


Various model track guidance for Ana are clustered on a SC landfall over the weekend. These tracks should not be used for decision making. These model tracks are shown only to demonstrate the uncertainty associated with the forecast.



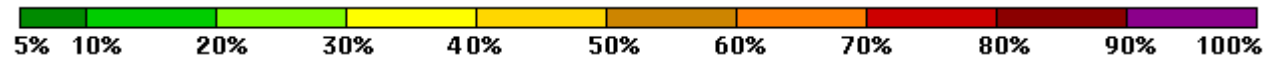
Tropical Storm Force Wind Speed Probabilities

For the 120 hours (5 days) from 2 AM EDT Fri May 8 to 2 AM EDT Wed May 13



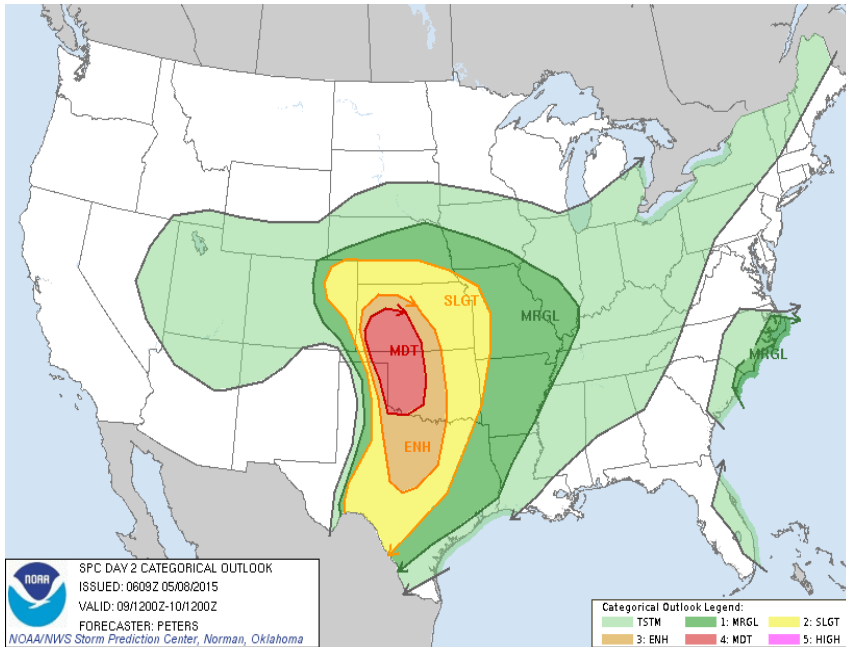
Probability of tropical storm force surface winds (1-minute average \geq 39 mph) from all tropical cyclones

◊ indicates SUBTROPICAL STORM ANA center location at 2 AM EDT Fri May 8 2015 (Forecast/Advisory #2)

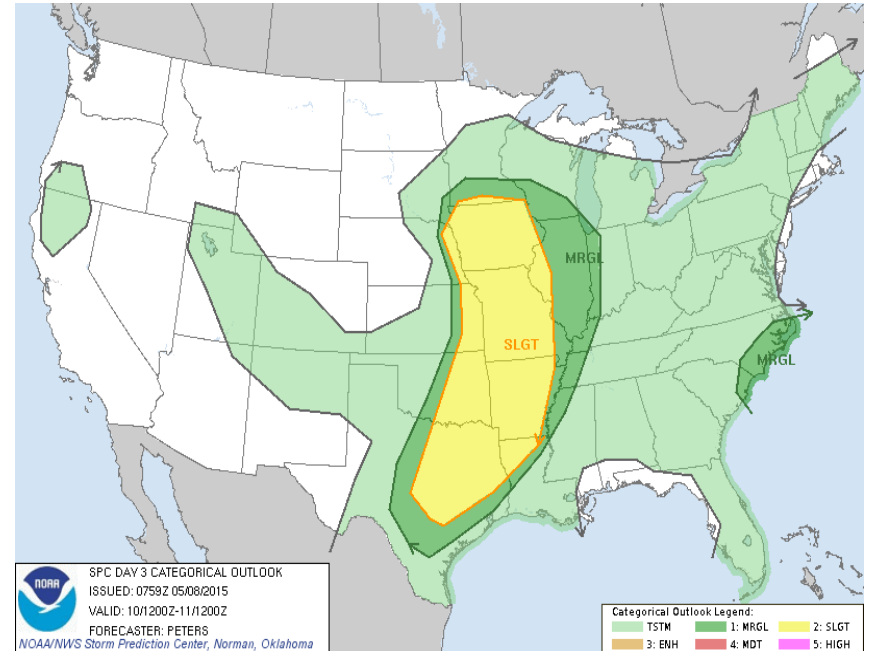


SPC Convective Outlooks

Day 2 Outlook for Saturday

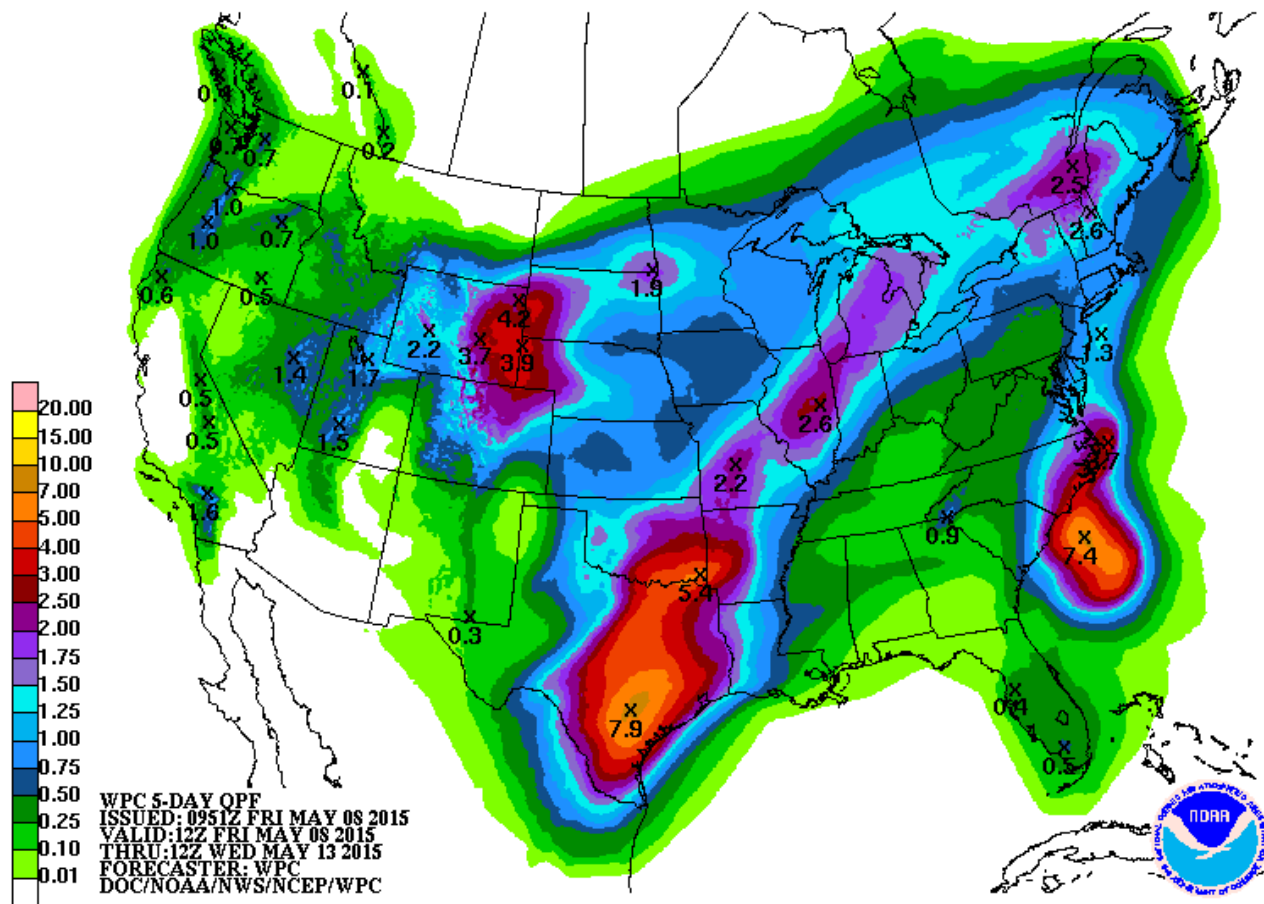


Day 3 Outlook for Sunday



A BRIEF TORNADO THREAT WILL BE POSSIBLE OVER THE WEEKEND WITHIN THE NRN AND NE QUADRANT OF SUBTROPICAL STORM ANA AS THIS SYSTEM MOVES INLAND OVER NERN SC AND APPROACHES SRN NC ON SUNDAY.

WPC 5 Day Total Rainfall forecast



One to three inches of storm total rainfall (today through Tuesday) with locally higher amounts possible mainly along the coast.

Rainfall Forecasts (QPF)

<http://www.wpc.ncep.noaa.gov/qpf/qpf2.shtml>

National Hurricane Center

<http://www.nhc.noaa.gov/>

Storm Prediction Center

<http://www.spc.noaa.gov/>

NOAA/NWS Newport/Morehead City

For updates call the forecaster on Duty

(252) 223-5122 x5

Please see the links below for additional local weather information from NWS Newport:



<http://www.weather.gov/mhx>



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