



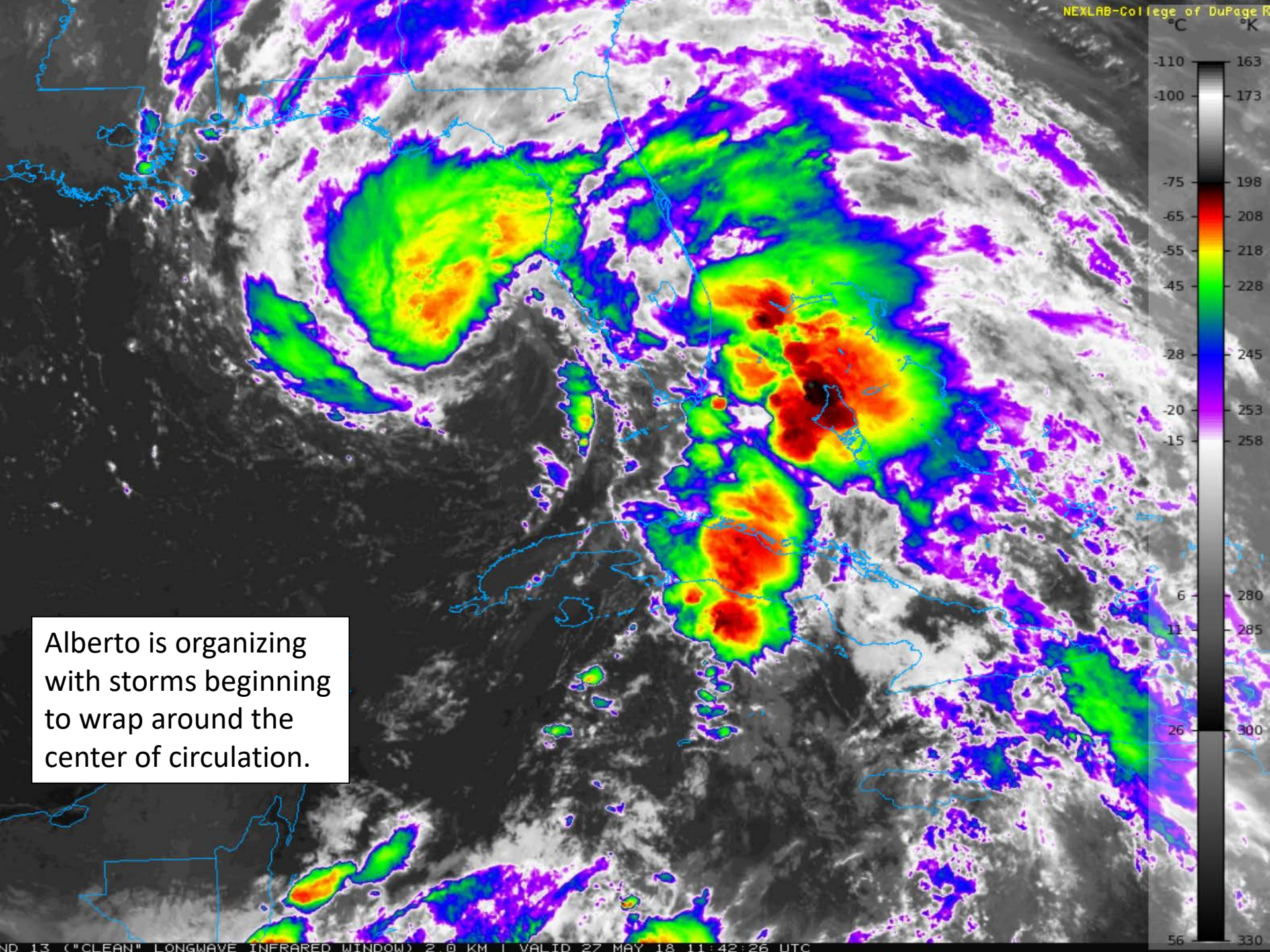
TROPICAL UPDATE

8 AM EDT

Sunday, May 27, 2018

Sub-Tropical Storm Alberto

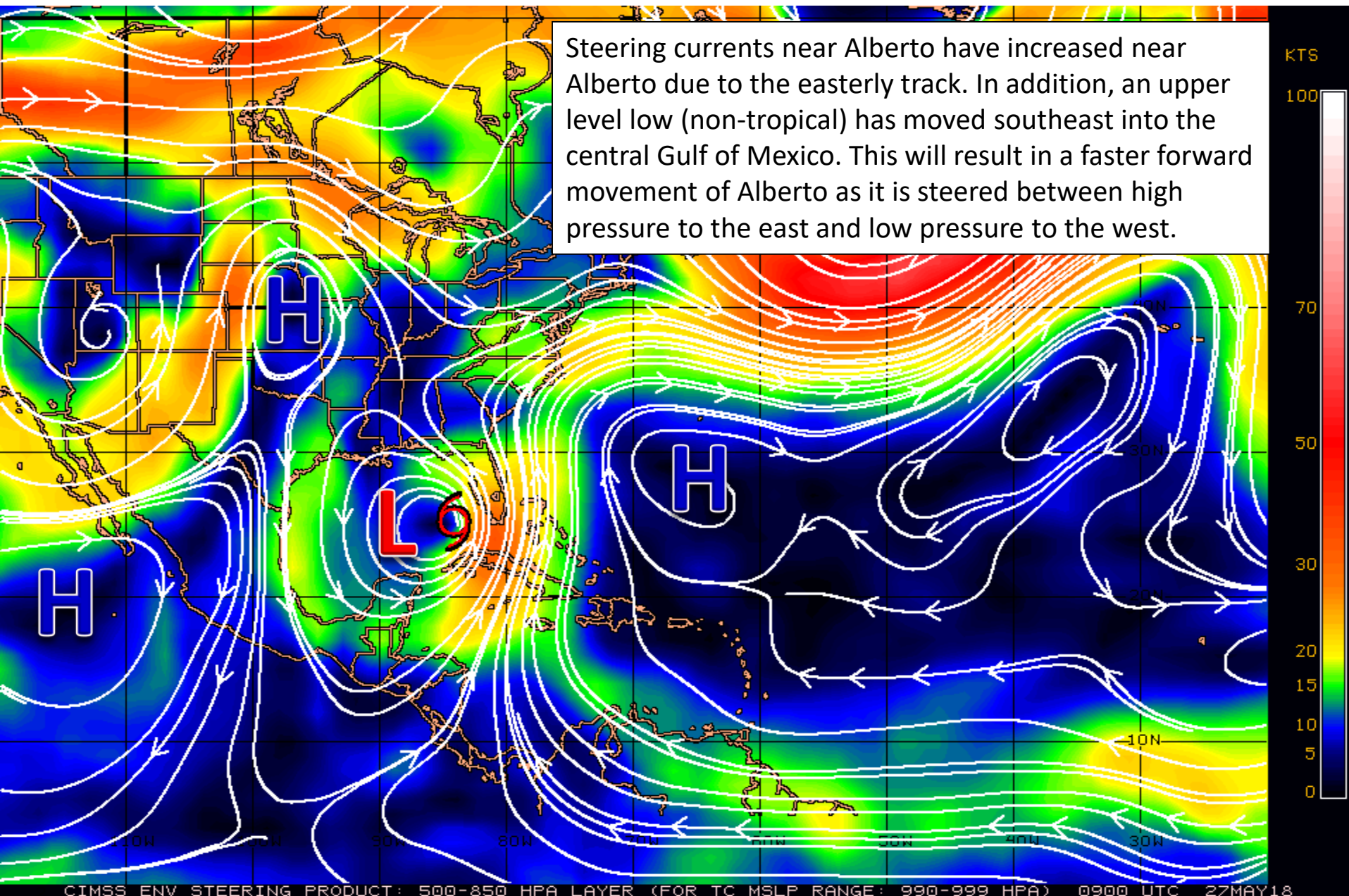
This update is intended for government and emergency response officials, and is provided for informational and situational awareness purposes only. Forecast conditions are subject to change based on a variety of environmental factors. For additional information, or for any life safety concerns with an active weather event please contact your County Emergency Management or Public Safety Office, local National Weather Service forecast office or visit the National Hurricane Center website at www.nhc.noaa.gov.



Alberto is organizing
with storms beginning
to wrap around the
center of circulation.

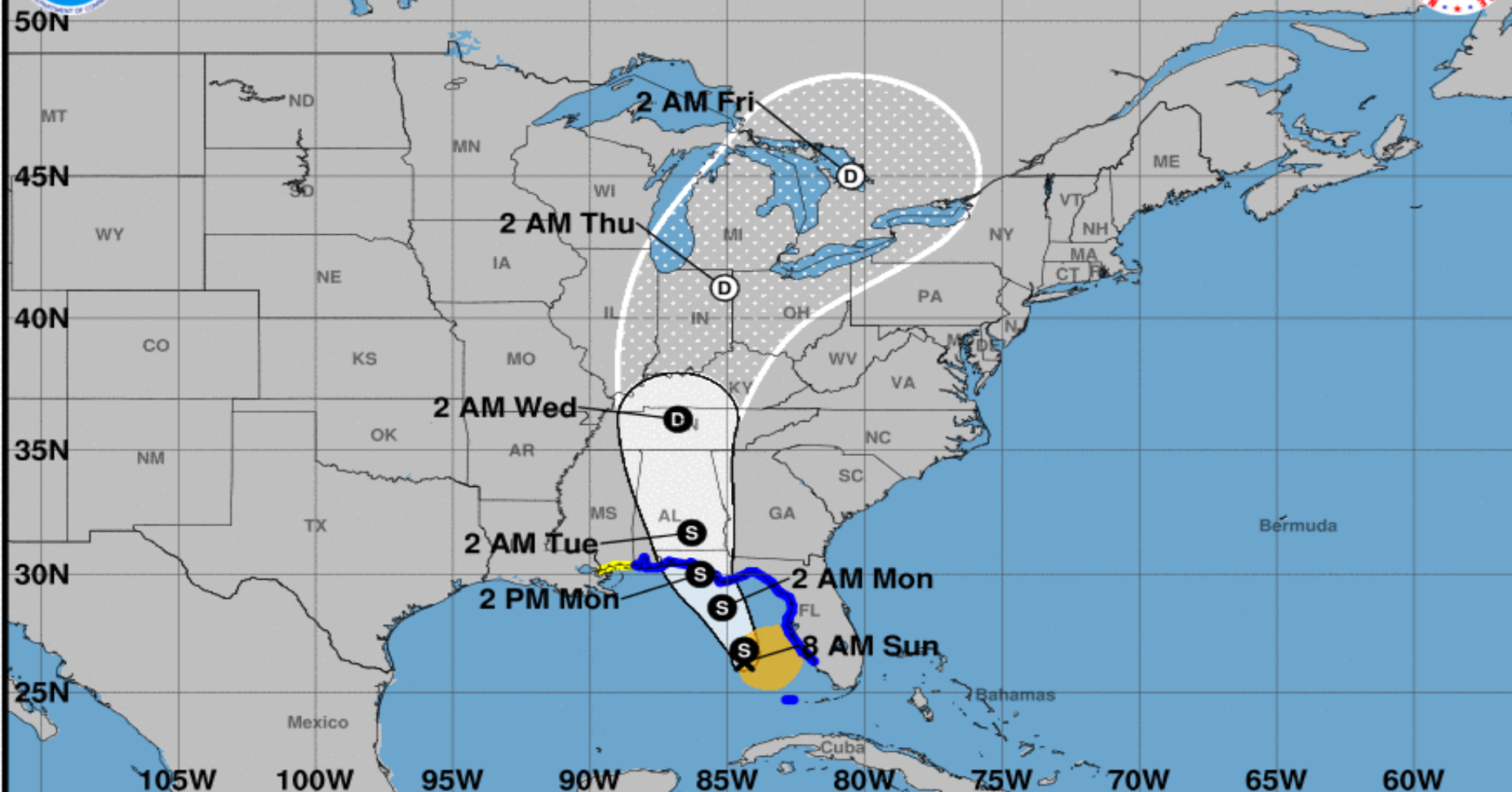
Steering Currents

Steering currents near Alberto have increased near Alberto due to the easterly track. In addition, an upper level low (non-tropical) has moved southeast into the central Gulf of Mexico. This will result in a faster forward movement of Alberto as it is steered between high pressure to the east and low pressure to the west.





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.



Subtropical Storm Alberto

Sunday May 27, 2018

8 AM EDT Intermediate Advisory 8A

NWS National Hurricane Center

Current information: x

Center location 26.3 N 84.4 W

Maximum sustained wind 45 mph

Movement N at 15 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 Day 4-5

Watches:

Hurricane Trop Stm

Warnings:

Hurricane Trop Stm

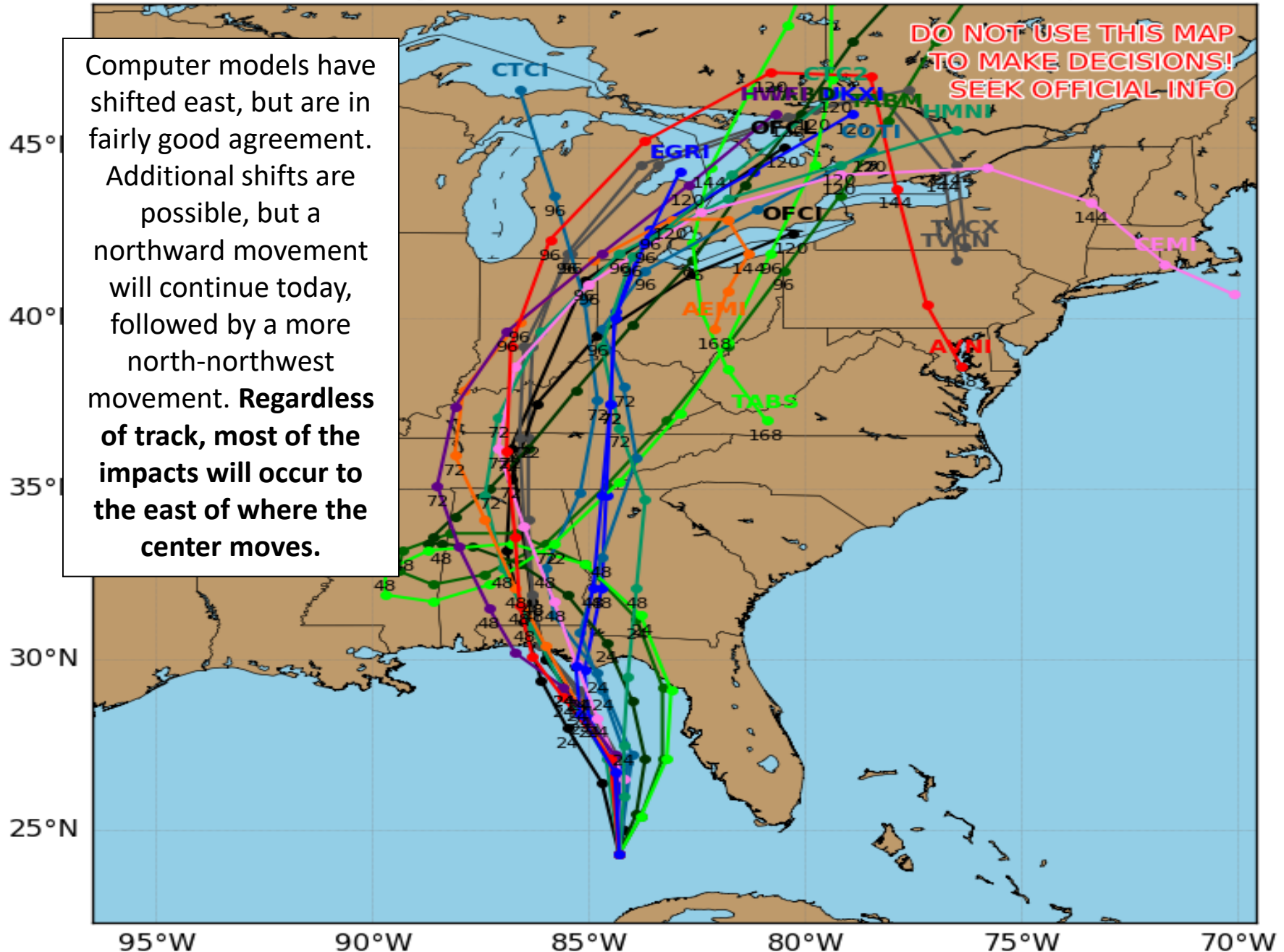
Current wind extent:

Hurricane Trop Stm

Final Storm ALBERTO Model Track Guidance

Initialized at 06z May 27 2018

Levi Cowan - tropicaltidbits.com

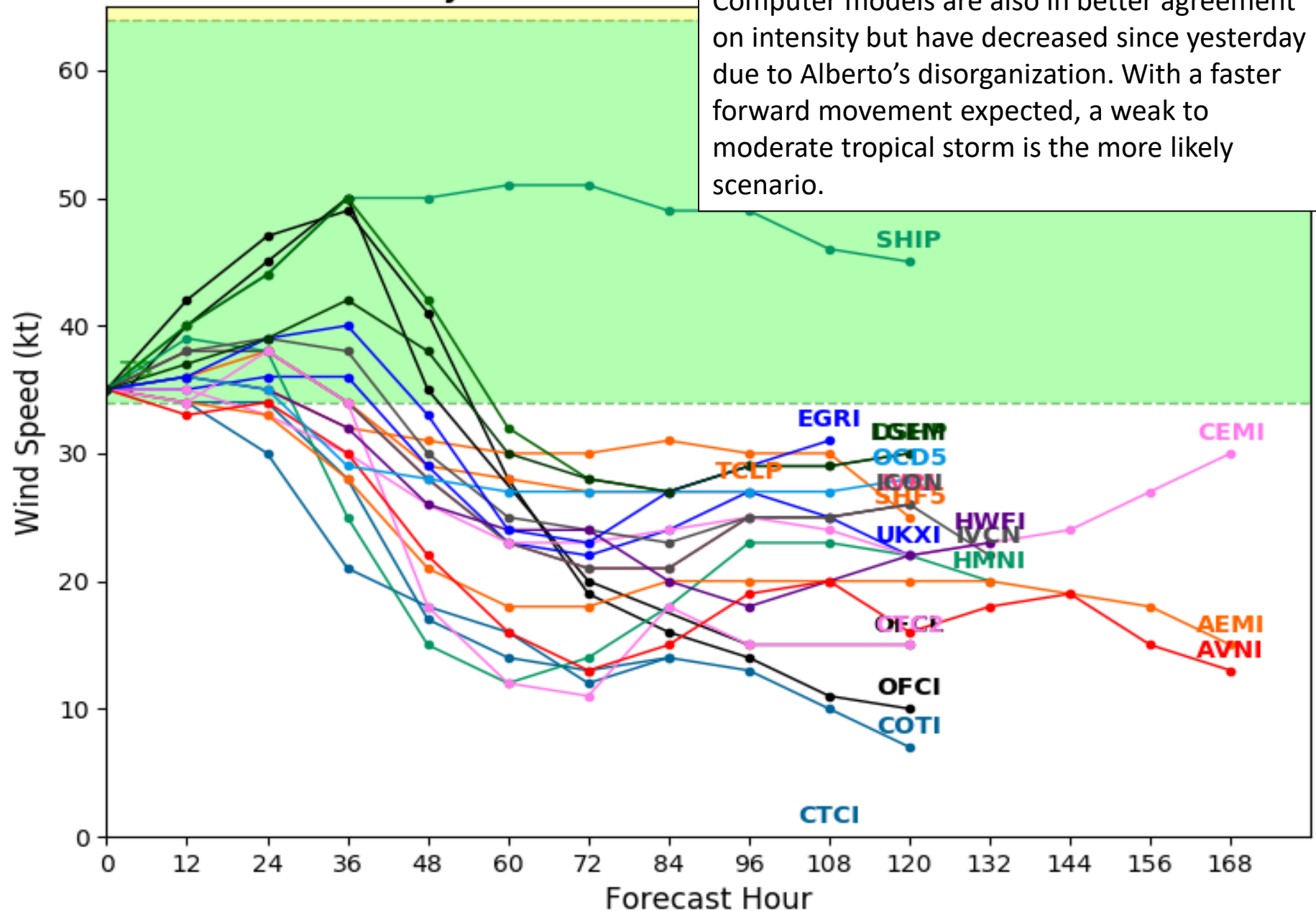


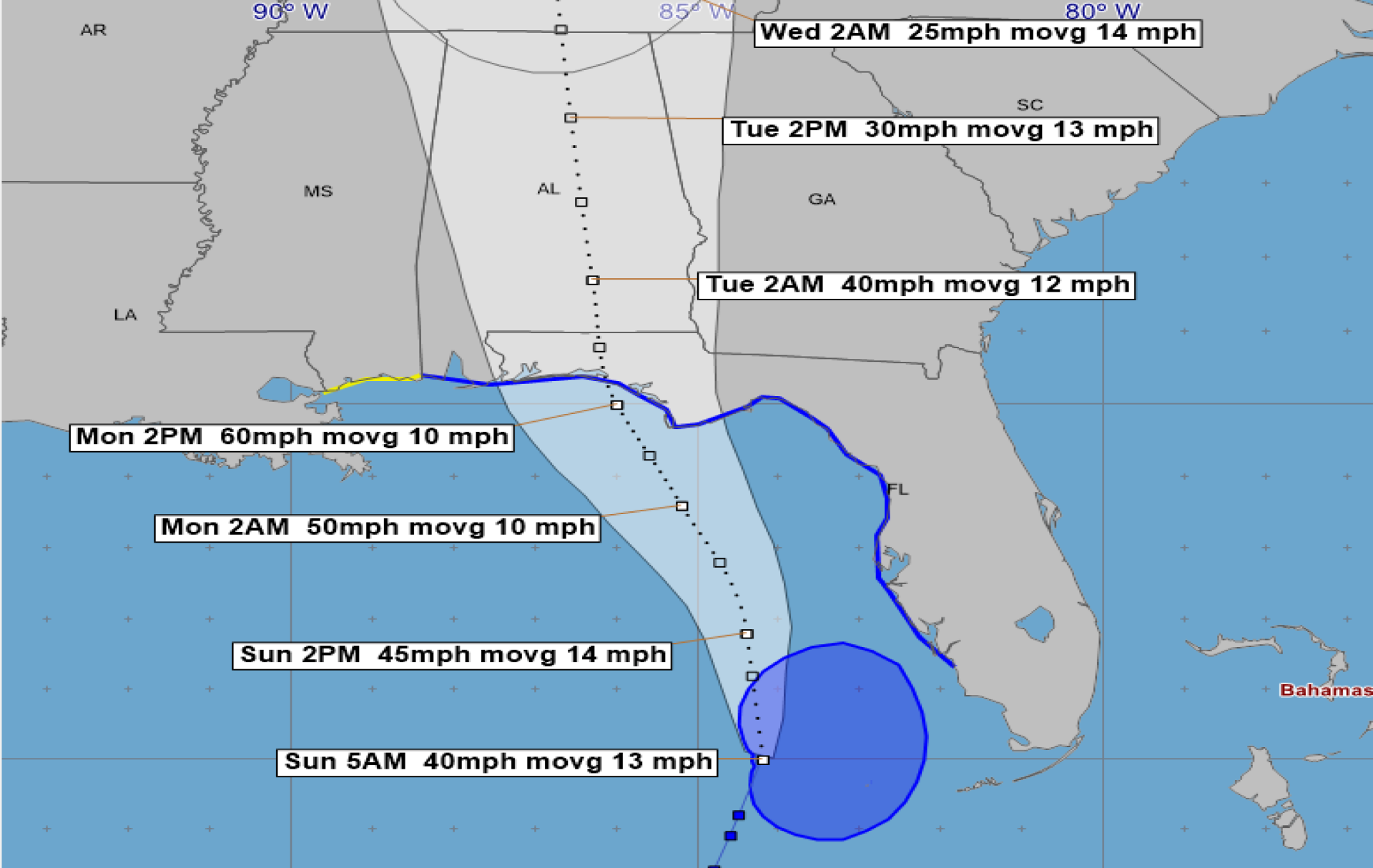
Subtropical Storm ALBERTO Model Intensity Guidance

Initialized at 06z May 27 2018

Computer models are also in better agreement

Computer models are also in better agreement on intensity but have decreased since yesterday due to Alberto's disorganization. With a faster forward movement expected, a weak to moderate tropical storm is the more likely scenario.





Subtropical Storm Alberto - Sunday, May 27, 2018 5 AM EDT Advisory #8

Center Location: 25 N 84.2 W Maximum Sustained Winds: 40 mph Movement: 13 mph NNE

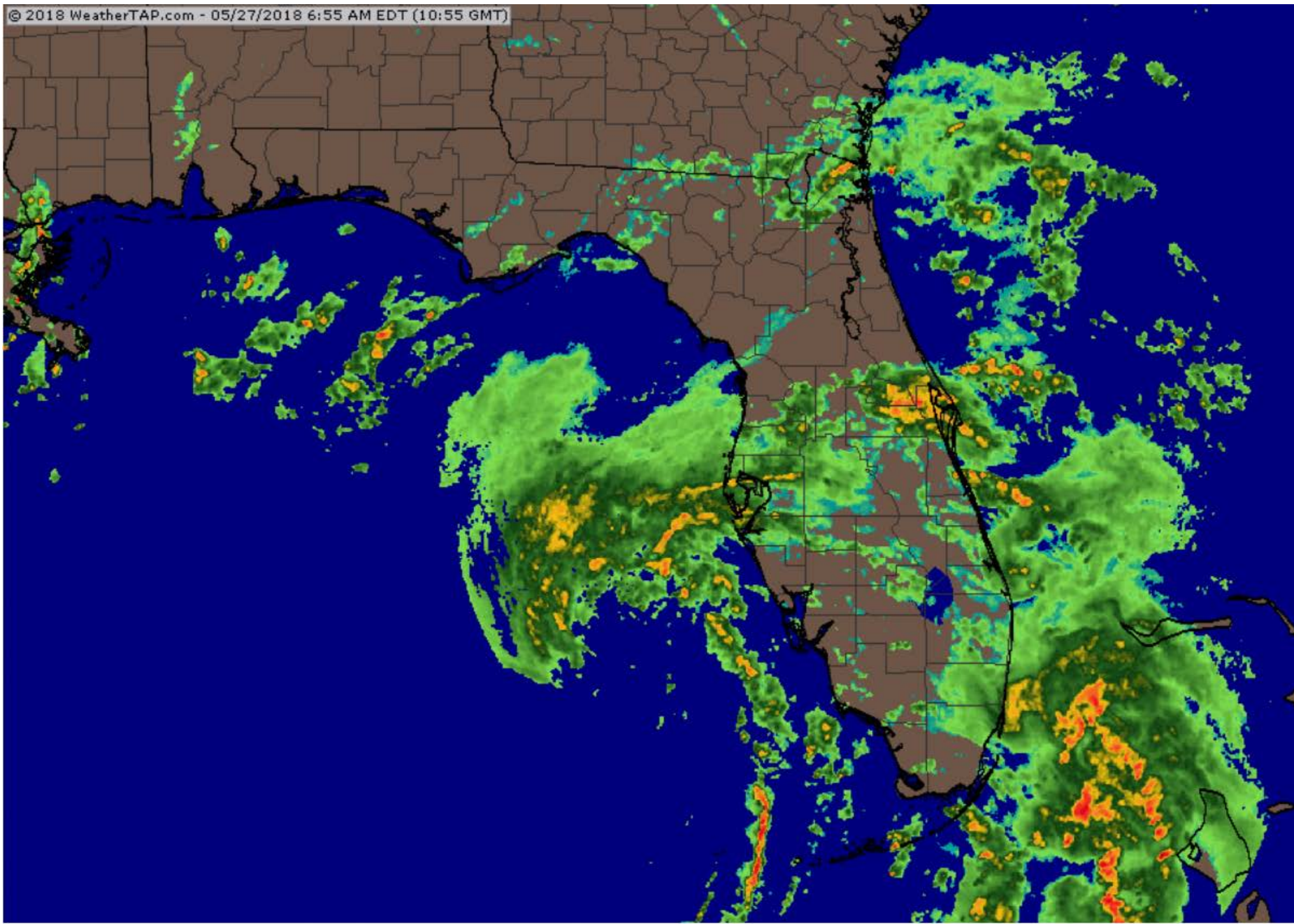
☐ forecast positions
 Potential Track Area: day 1-3 day 4-5
 Surface Wind Field: at current location

Watches: hurricane tropical storm

Warnings: hurricane tropical storm

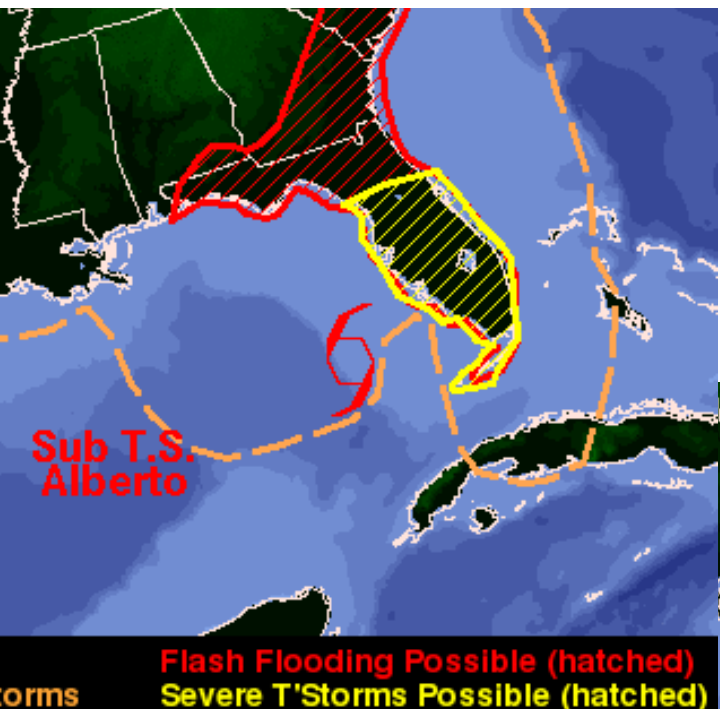
Sustained Wind Speeds: tropical storm >= 34kt/39mph strong tropical storm >= 50kt/58mph hurricane >= 64kt/74mph

Current Radar as of 6:55 AM

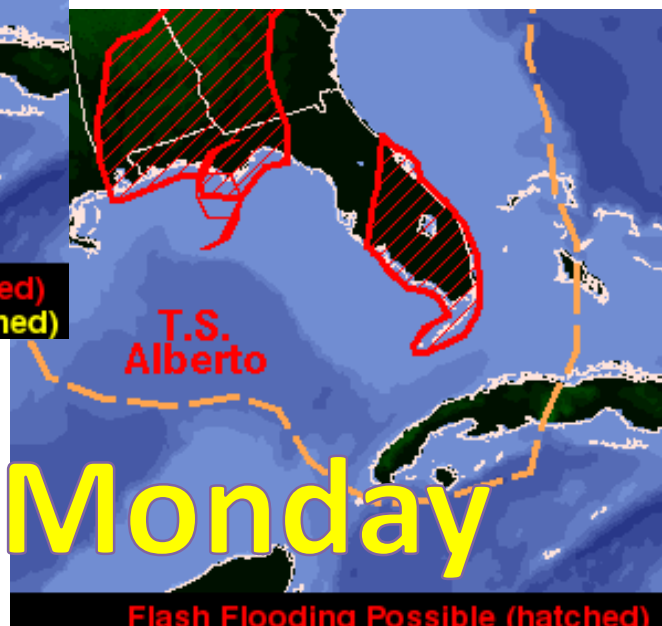


Forecast Weather Maps

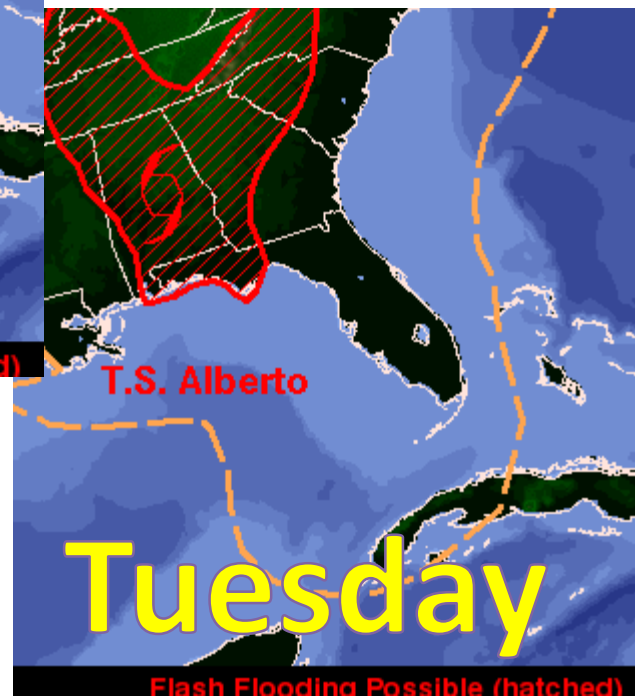
Alberto will affect all of Florida today and tomorrow. Conditions will improve across the Peninsula on Tuesday, but storms are expected to linger through Tuesday for the Panhandle.



Sunday



Monday



Tuesday

SUBTROPICAL STORM ALBERTO

ALERTS

HURRICANE
WARNING

TROPICAL STORM
WARNING

HURRICANE
WATCH

TROPICAL STORM
WATCH

New Orleans

Biloxi

Mobile

Destin

Conditions Likely

Conditions Possible

Apalachicola

St. Petersburg

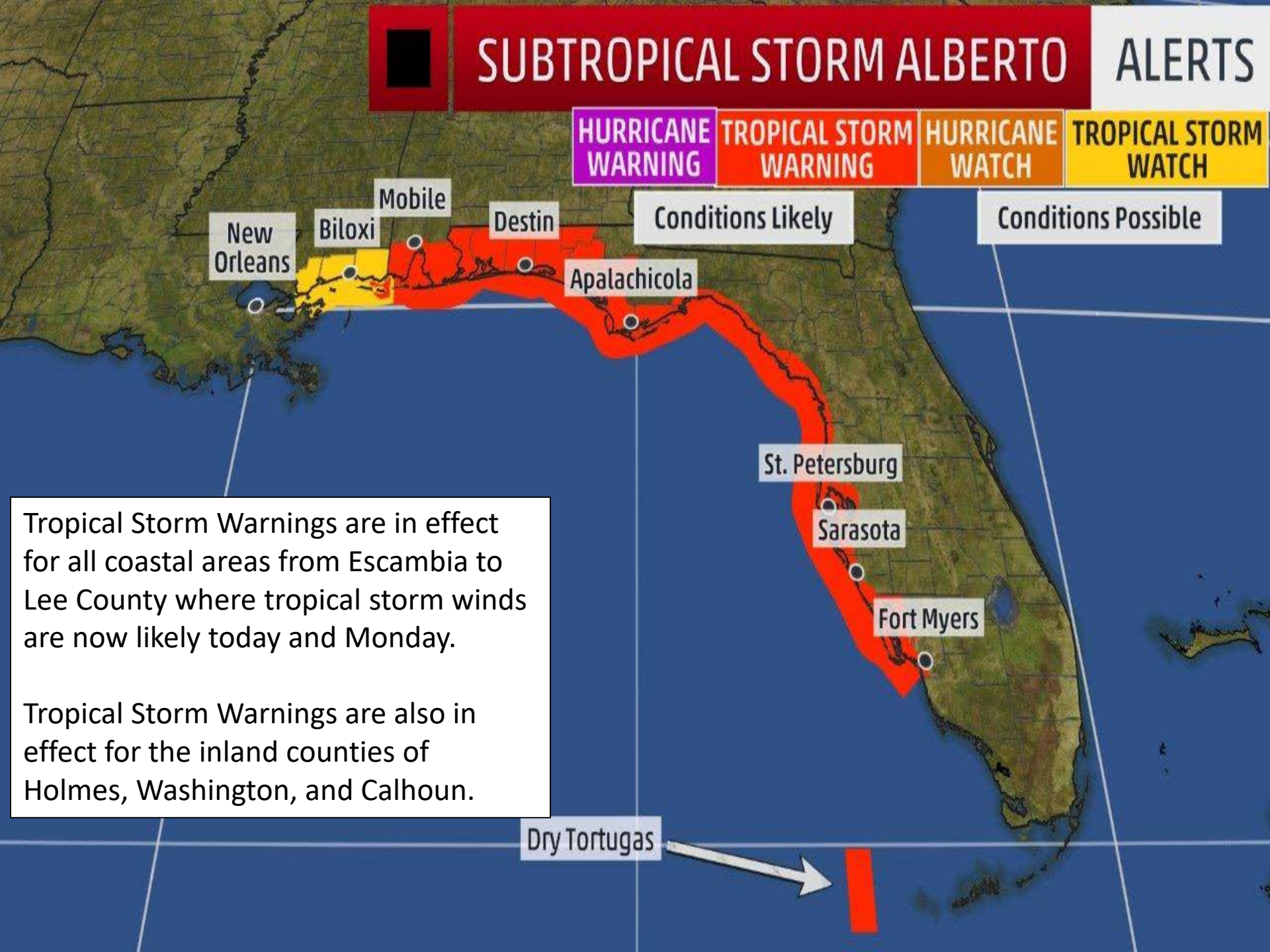
Sarasota

Fort Myers

Tropical Storm Warnings are in effect for all coastal areas from Escambia to Lee County where tropical storm winds are now likely today and Monday.

Tropical Storm Warnings are also in effect for the inland counties of Holmes, Washington, and Calhoun.

Dry Tortugas



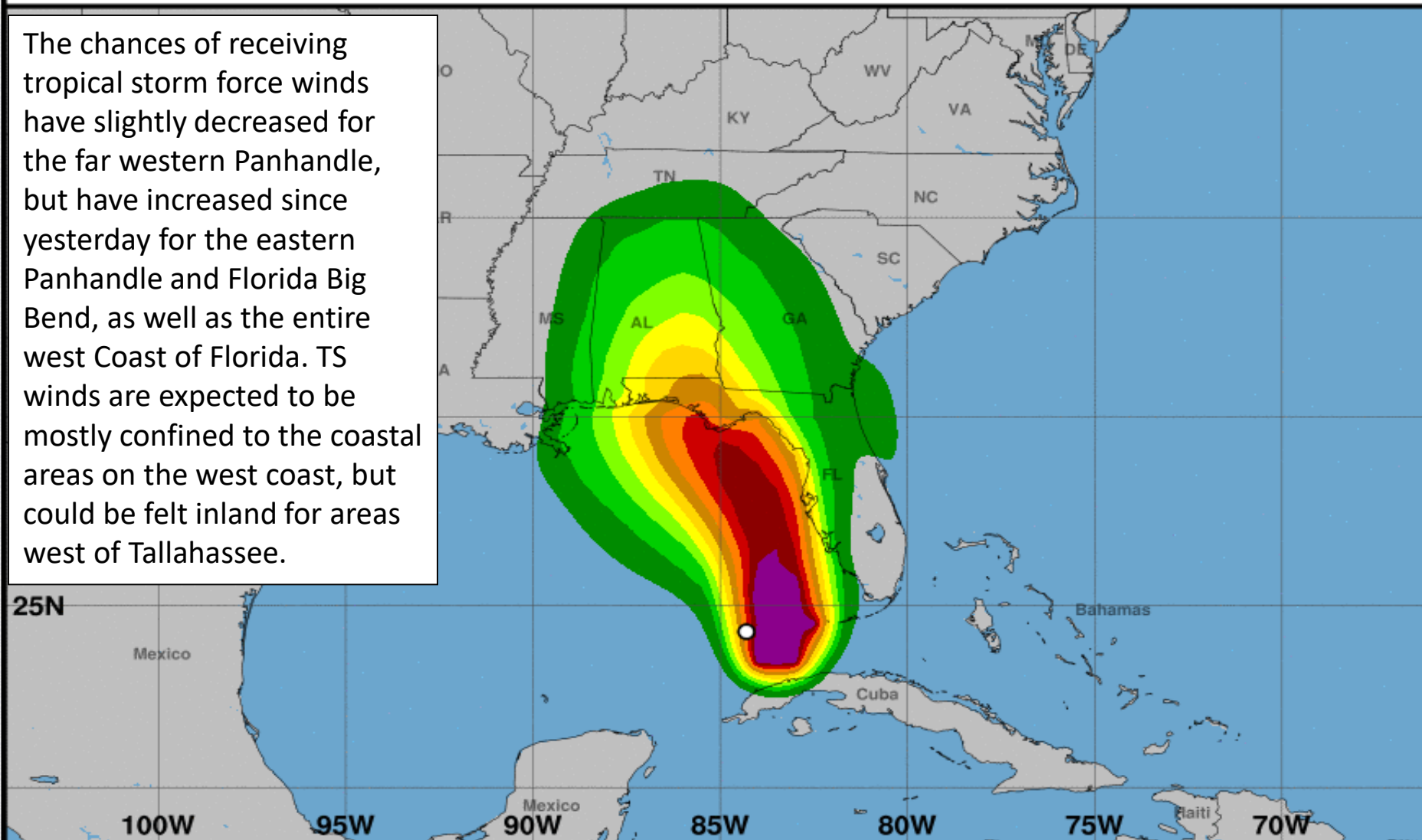


Tropical-Storm-Force Wind Speed Probabilities (Preliminary)

For the 120 hours (5.0 days) from 2 AM EDT SUN MAY 27 to 2 AM EDT FRI JUN 01



The chances of receiving tropical storm force winds have slightly decreased for the far western Panhandle, but have increased since yesterday for the eastern Panhandle and Florida Big Bend, as well as the entire west Coast of Florida. TS winds are expected to be mostly confined to the coastal areas on the west coast, but could be felt inland for areas west of Tallahassee.

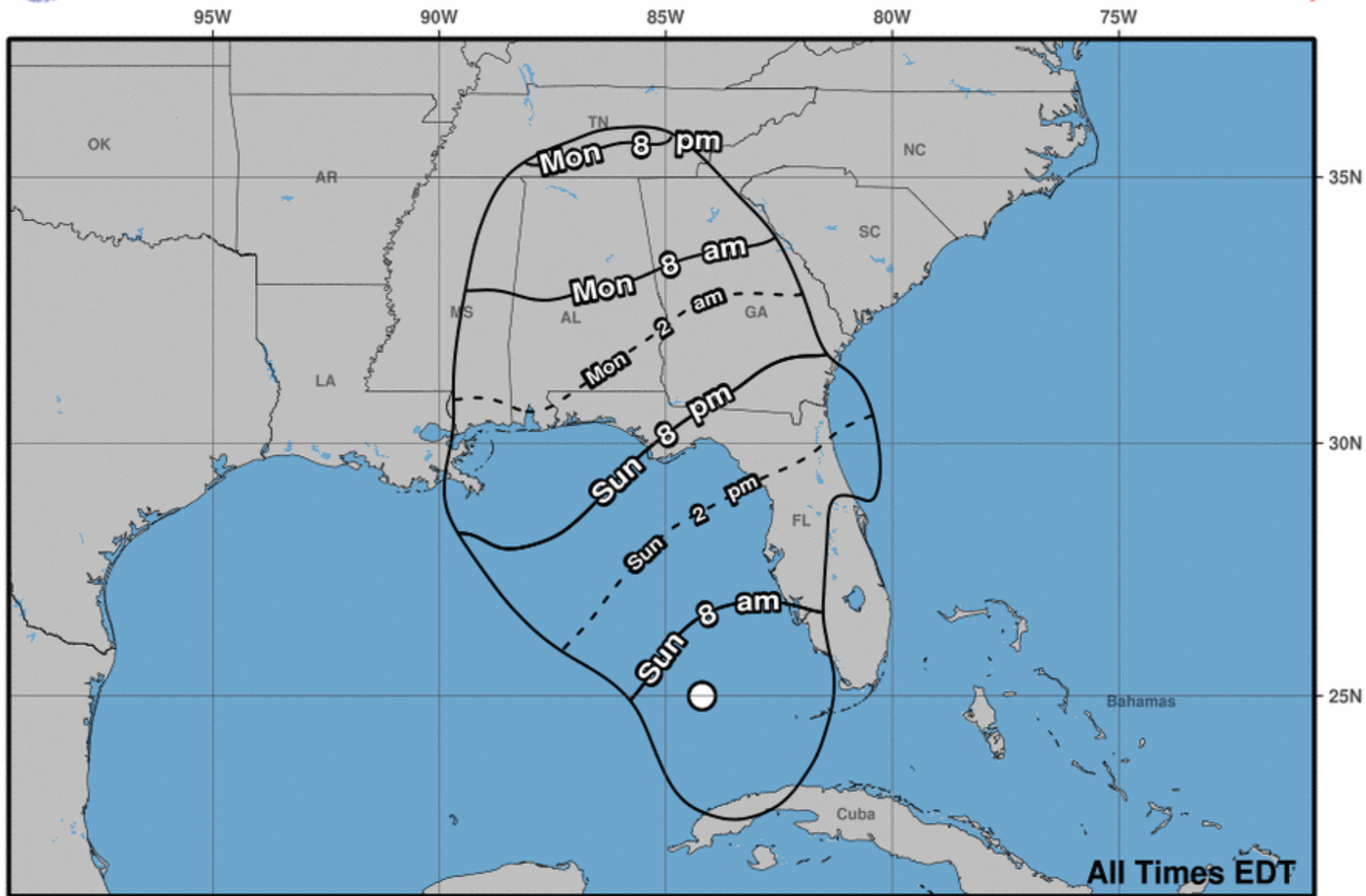


Probability of tropical-storm-force winds (1-minute average ≥ 39 mph) from all tropical cyclones
○ indicates Subtropical Storm Alberto center location at 2 AM EDT SUN MAY 27, 2018 (Forecast/Advisory #8)





Earliest Reasonable Arrival Time of Tropical-Storm-Force Winds



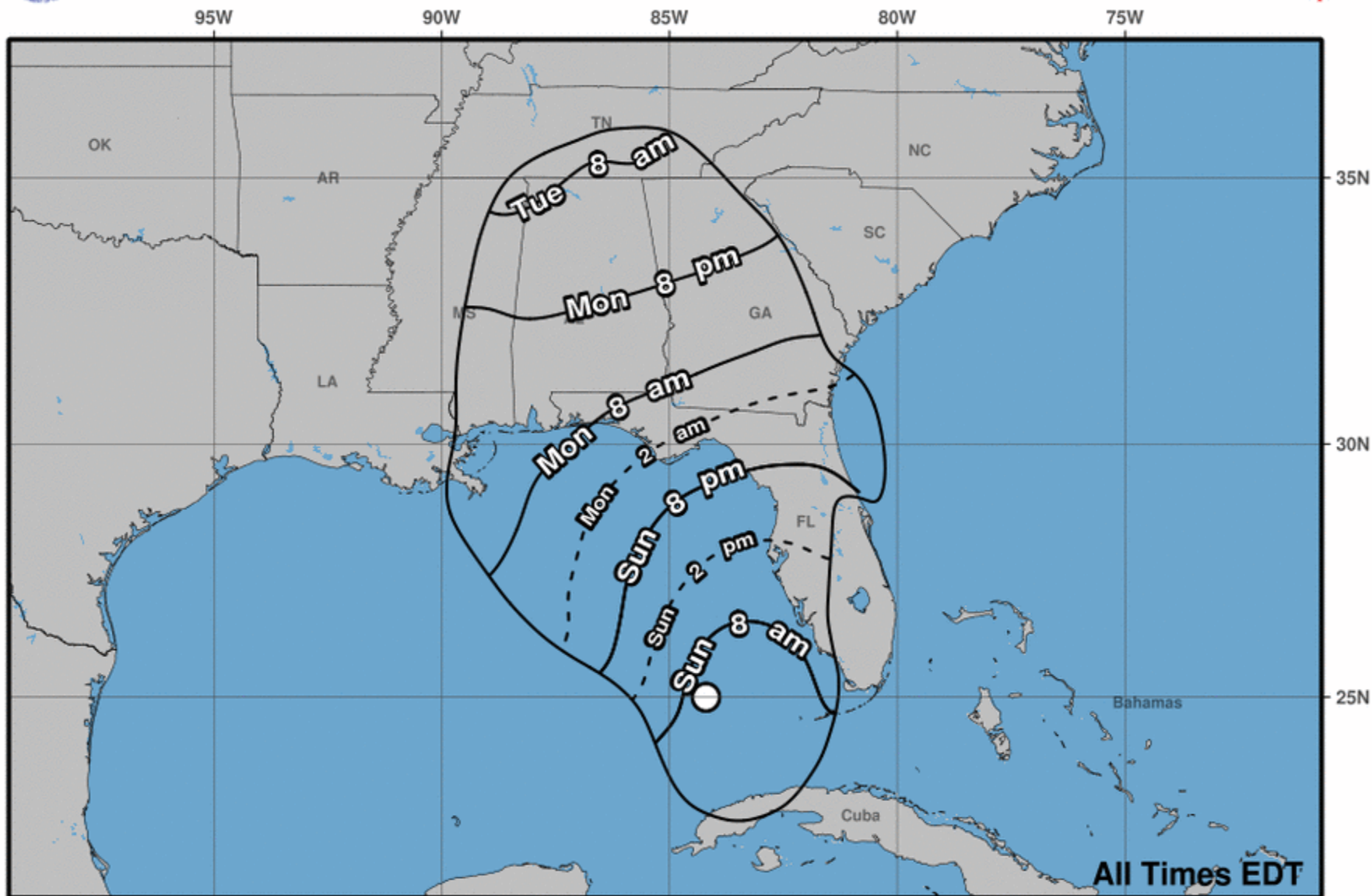
Subtropical Storm Alberto
Sun. May. 27, 2018 5 am EDT
Advisory 8

Storm Location ○ < 34 kt (39 mph)
& ○ 34-63 kt (39-73 mph)
Wind Speed ● ≥ 64 kt (74 mph)

NOTE: Areas within the outermost black contour
have at least a 5% chance of receiving
winds of 34+ kt (39+ mph)



Most Likely Arrival Time of Tropical-Storm-Force Winds



Subtropical Storm Alberto
Sun. May. 27, 2018 5 am EDT
Advisory 8

Storm Location ○ < 34 kt (39 mph)
& ○ 34-63 kt (39-73 mph)
Wind Speed ● ≥ 64 kt (74 mph)

NOTE: Areas within the outermost black contour
have at least a 5% chance of receiving
winds of 34+ kt (39+ mph)

Interactive Map:
<https://www.weather.gov/srh/tropical?office=tae>



[Download KML]

[Download Image]

Wind Threat
Potential for wind greater than 110 mph
Potential for wind 74 to 110 mph
Potential for wind 58 to 73 mph
Potential for wind 39 to 57 mph
Wind less than 39 mph

STORM SURGE ALERTS

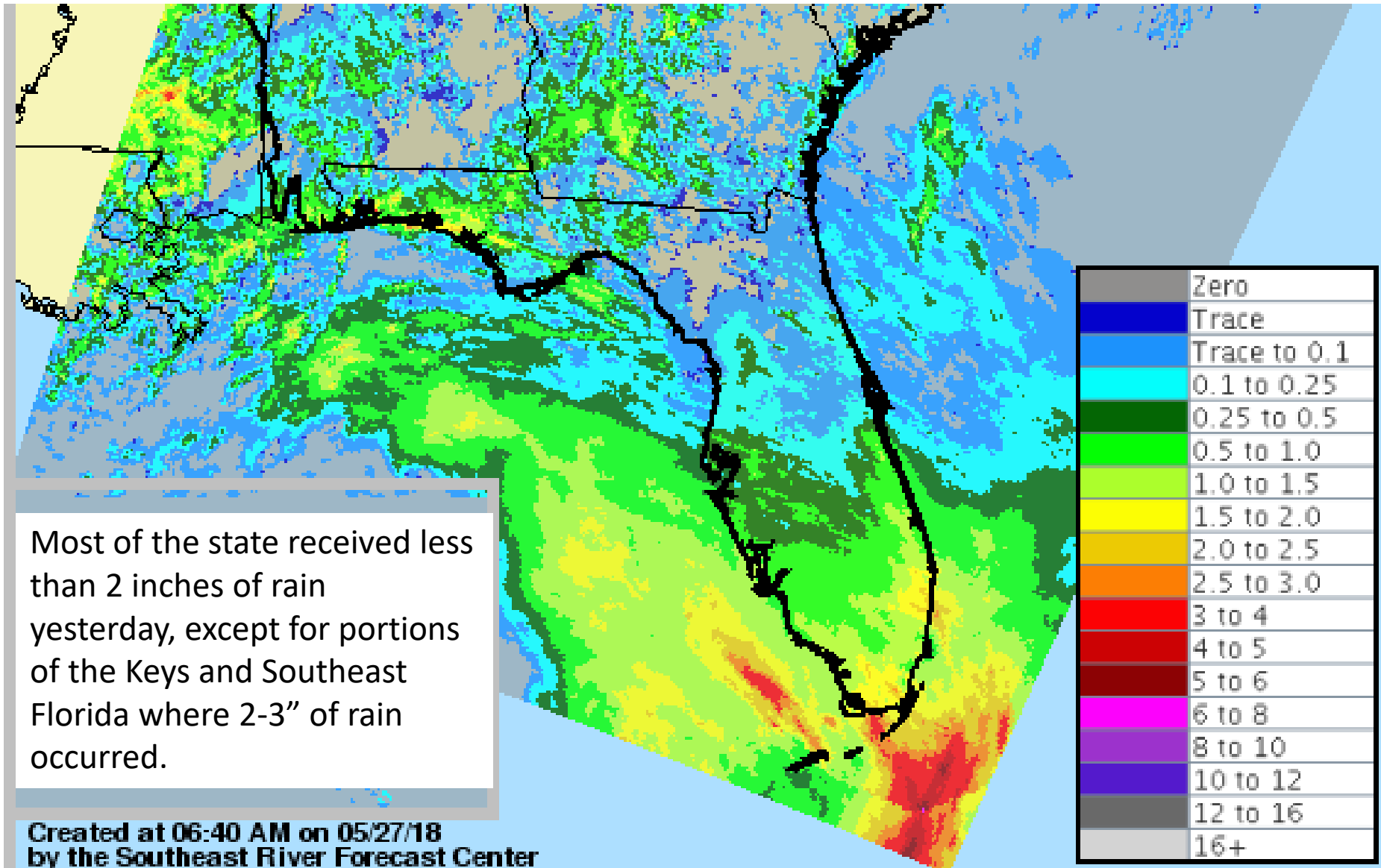
WATCH
(INUNDATION POSSIBLE)

WARNING
(INUNDATION EXPECTED)



Storm surge values are expected to peak during high tide tomorrow afternoon in the Big Bend and during high tide near landfall on Monday in the Panhandle.

Past 24 Hour Estimated Observed Rainfall

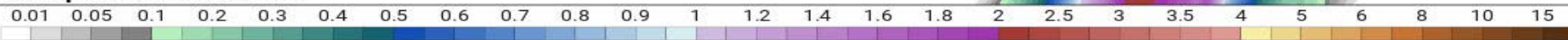
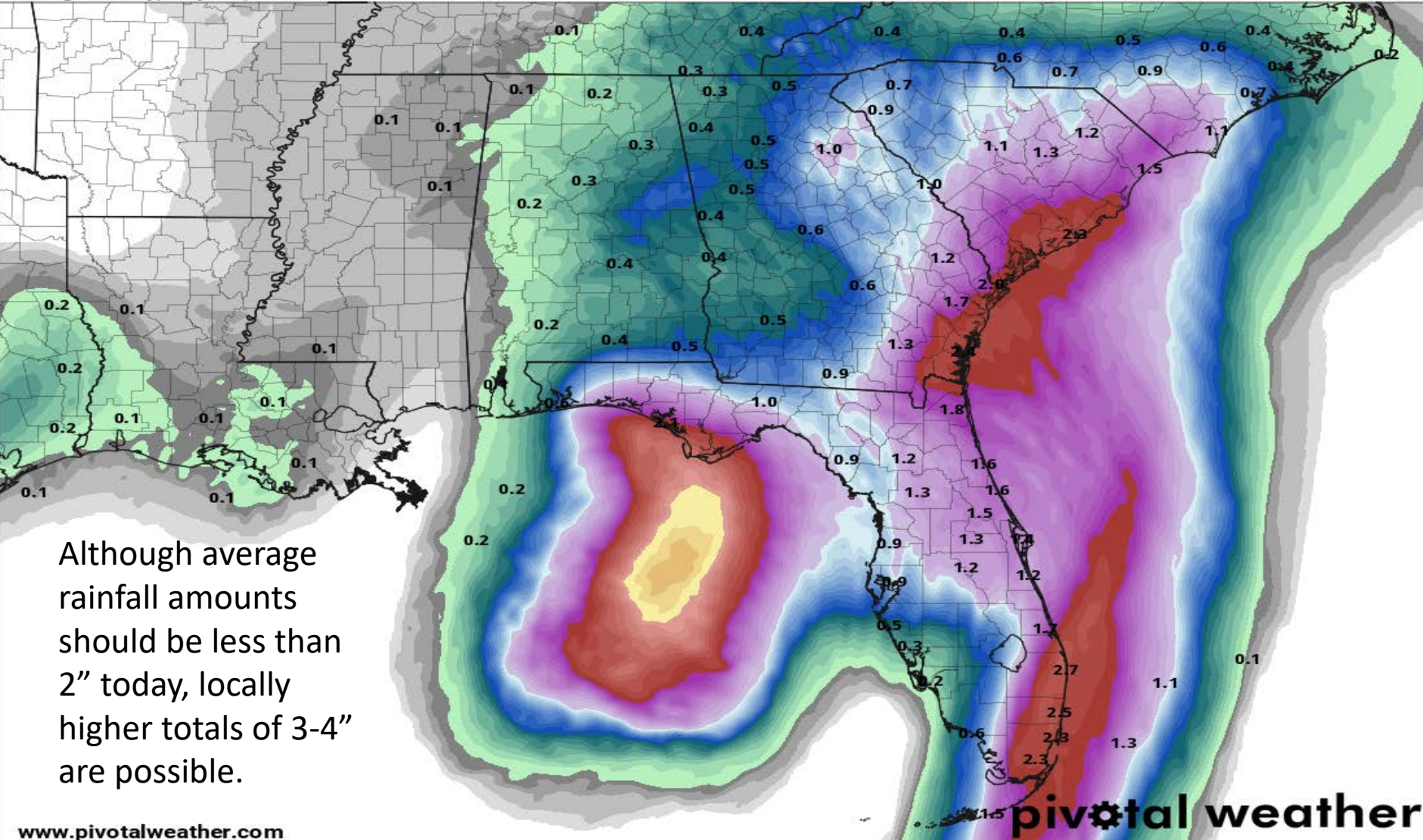


Forecast Total Rainfall Accumulations for Today

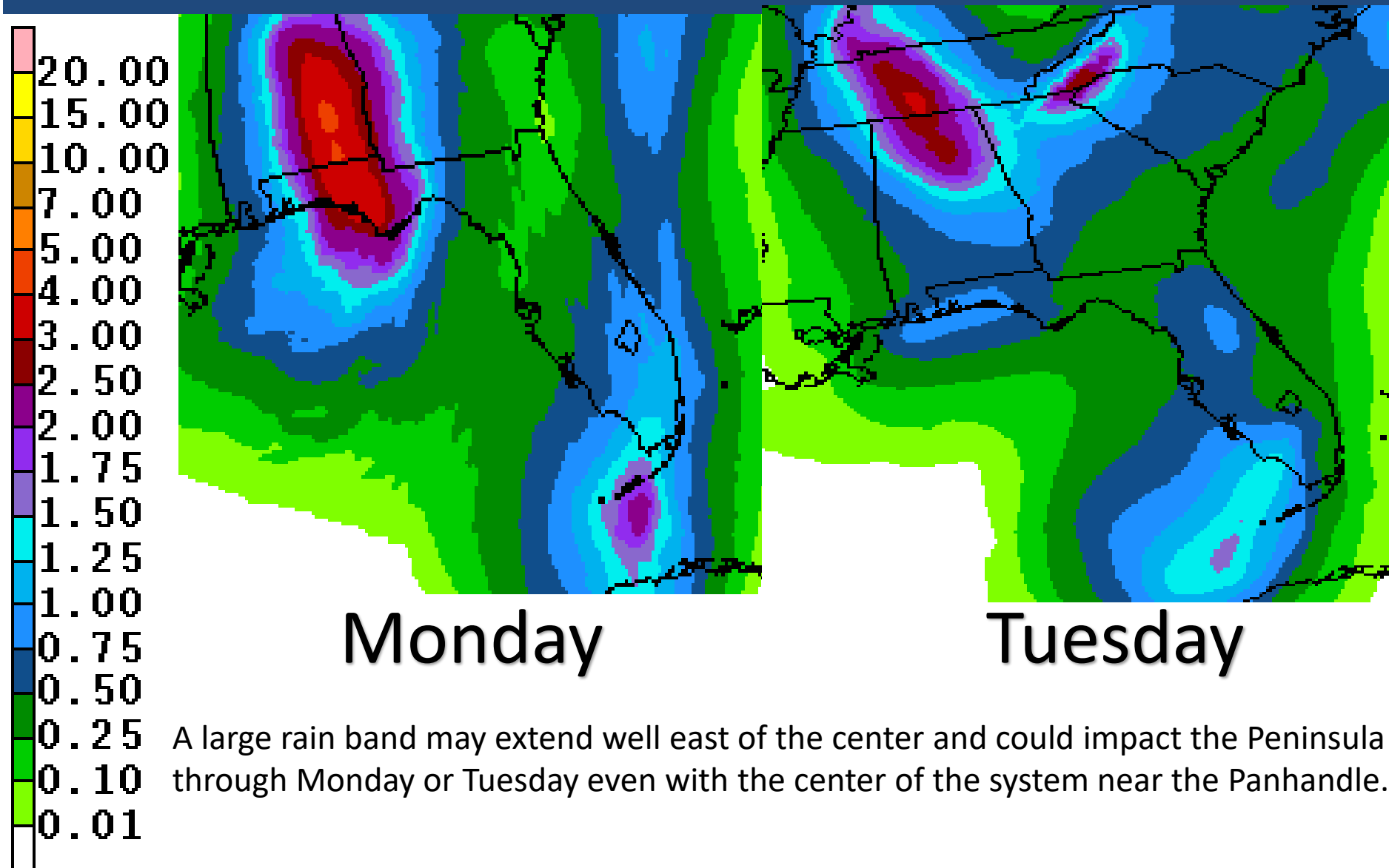
24-Hour Precipitation (in)

Ending Monday, May 28, 2018 at 8 a.m. EDT

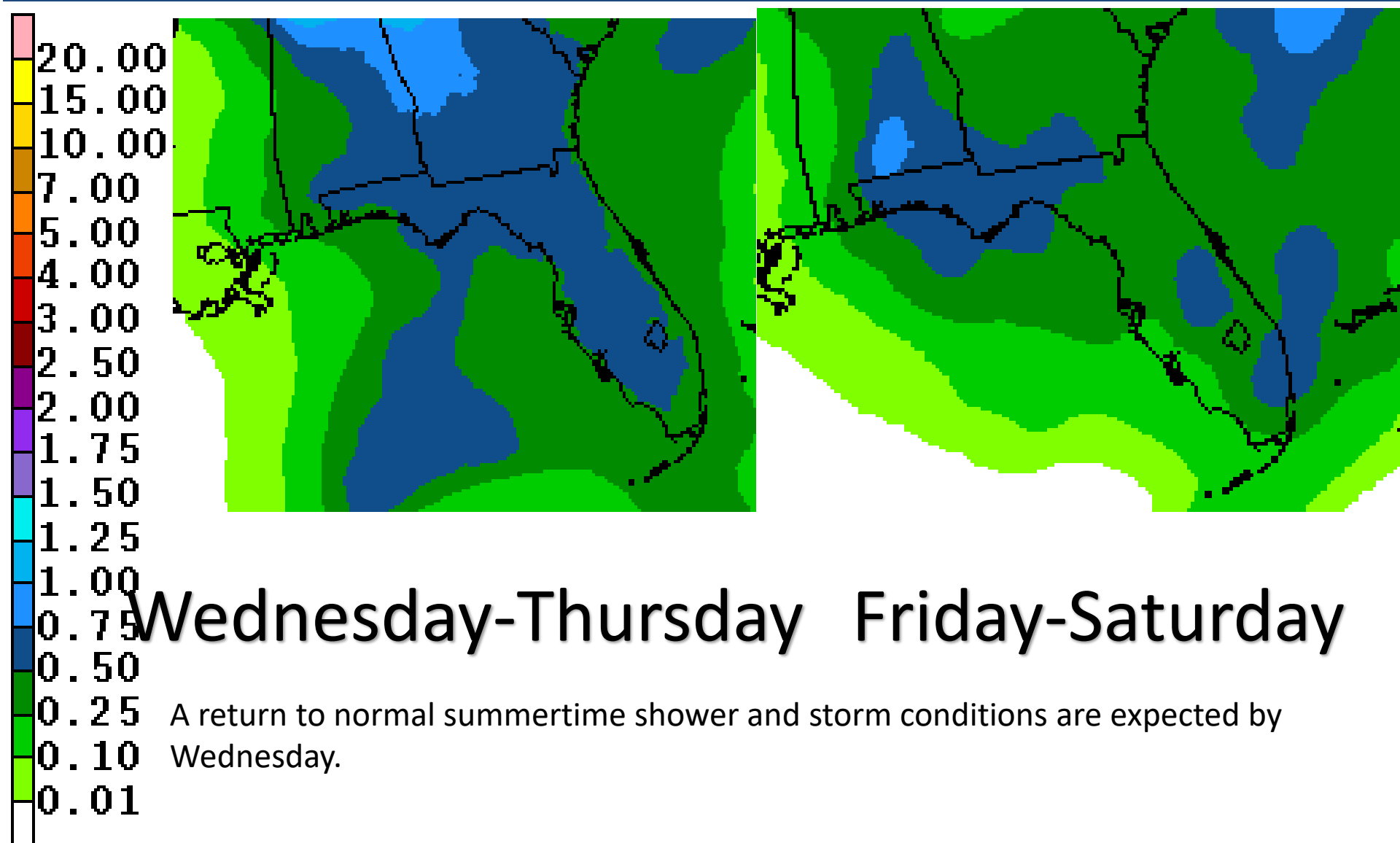
Init: Sun 2018-05-27 12z WPC



Forecast Total Rainfall Accumulations



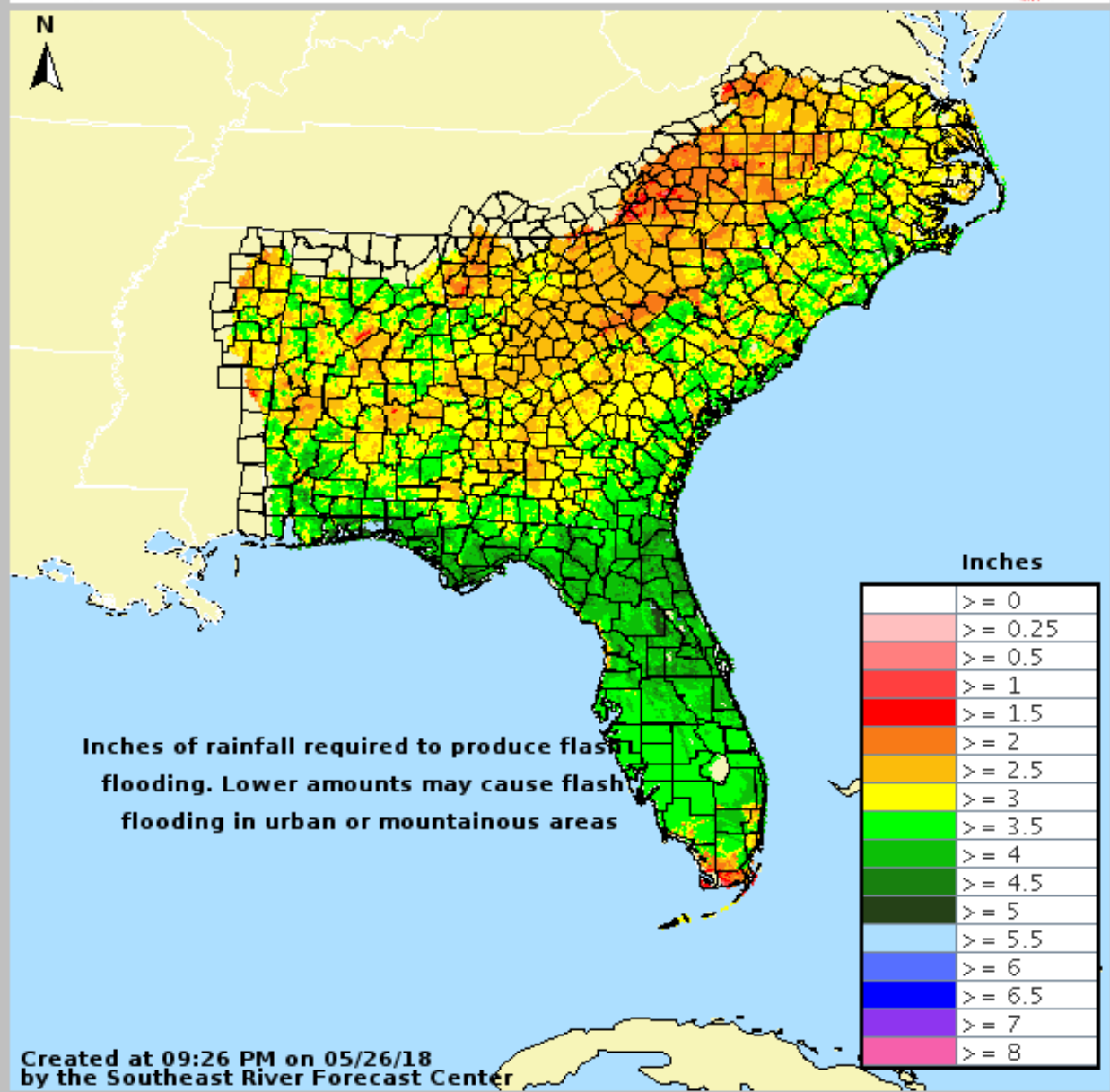
Forecast Total Rainfall Accumulations





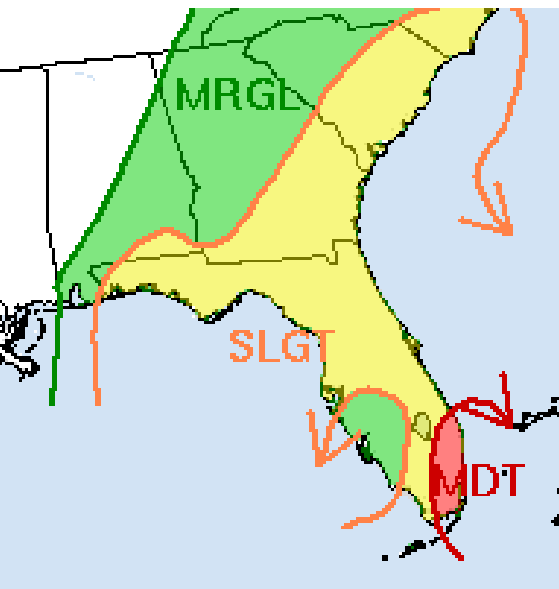
3-hr Flash Flood Guidance

Valid: 05/26/2018 @ 09:26 PM



- Since soils are already saturated, any additional heavy rain (generally 3-4" in 3 hours, 5-6" in 6 hours or 6-8" in 12 hours) will cause flash flooding issues.
- Lower amounts, or 3-6" over a longer time period can still cause flooding of roads and low-lying areas.

Excessive Rain Outlook – Risk for Flash Flooding



Today

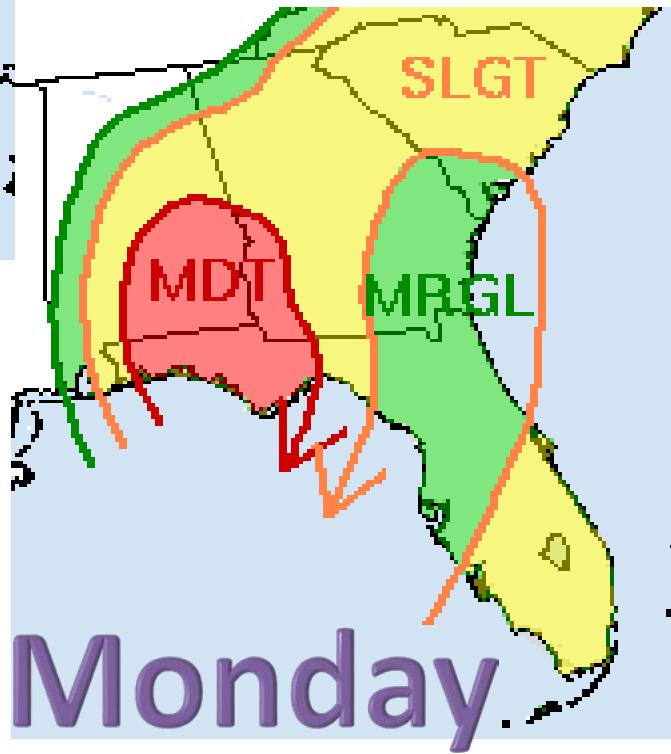
Risk of rainfall exceeding flash flood guidance within 25 miles of a point to the right of a line

HIGH: > 50%

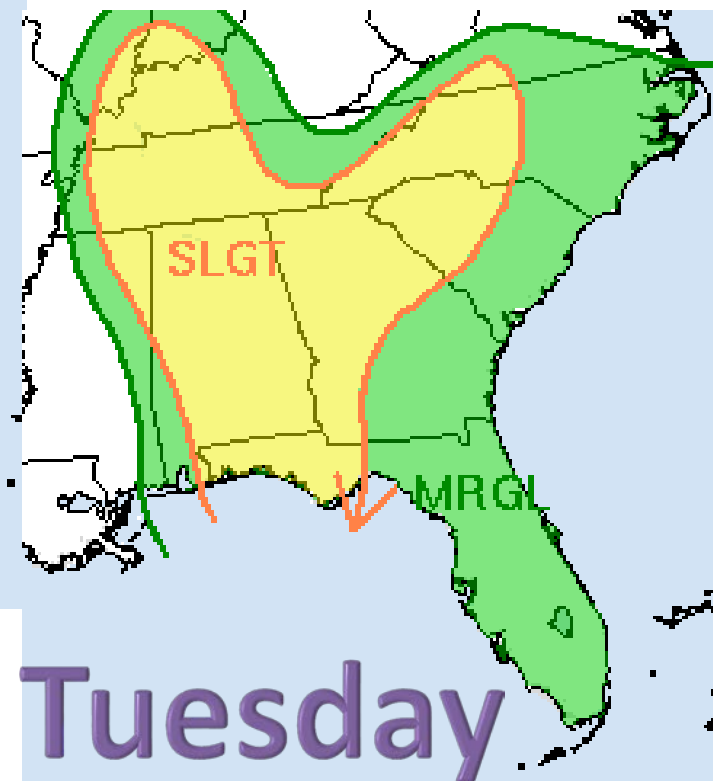
SLGT: 10%-20%

MDT: 20%-50%

MRGL: 5%-10%

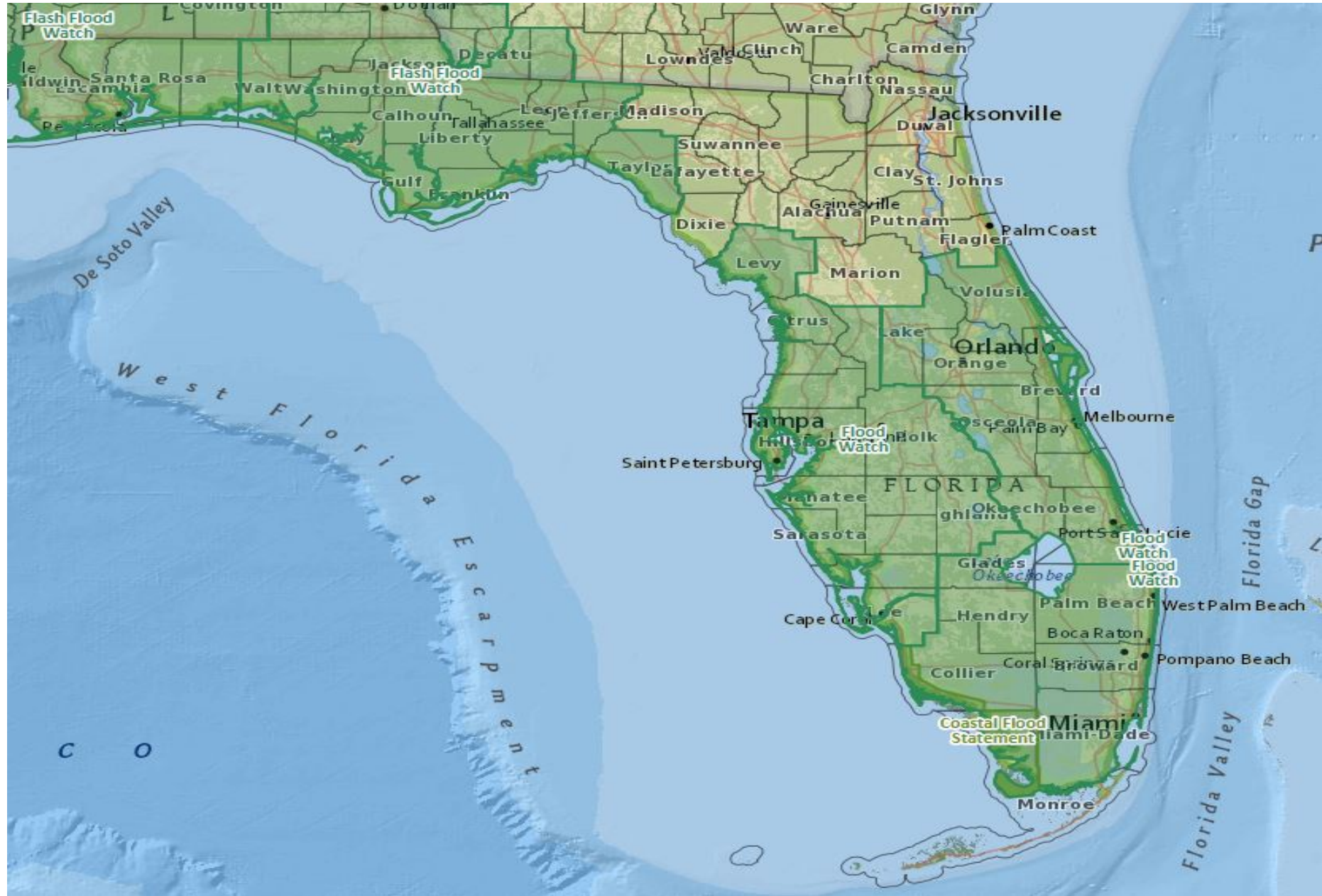


Monday



Tuesday

Active Flood Watches

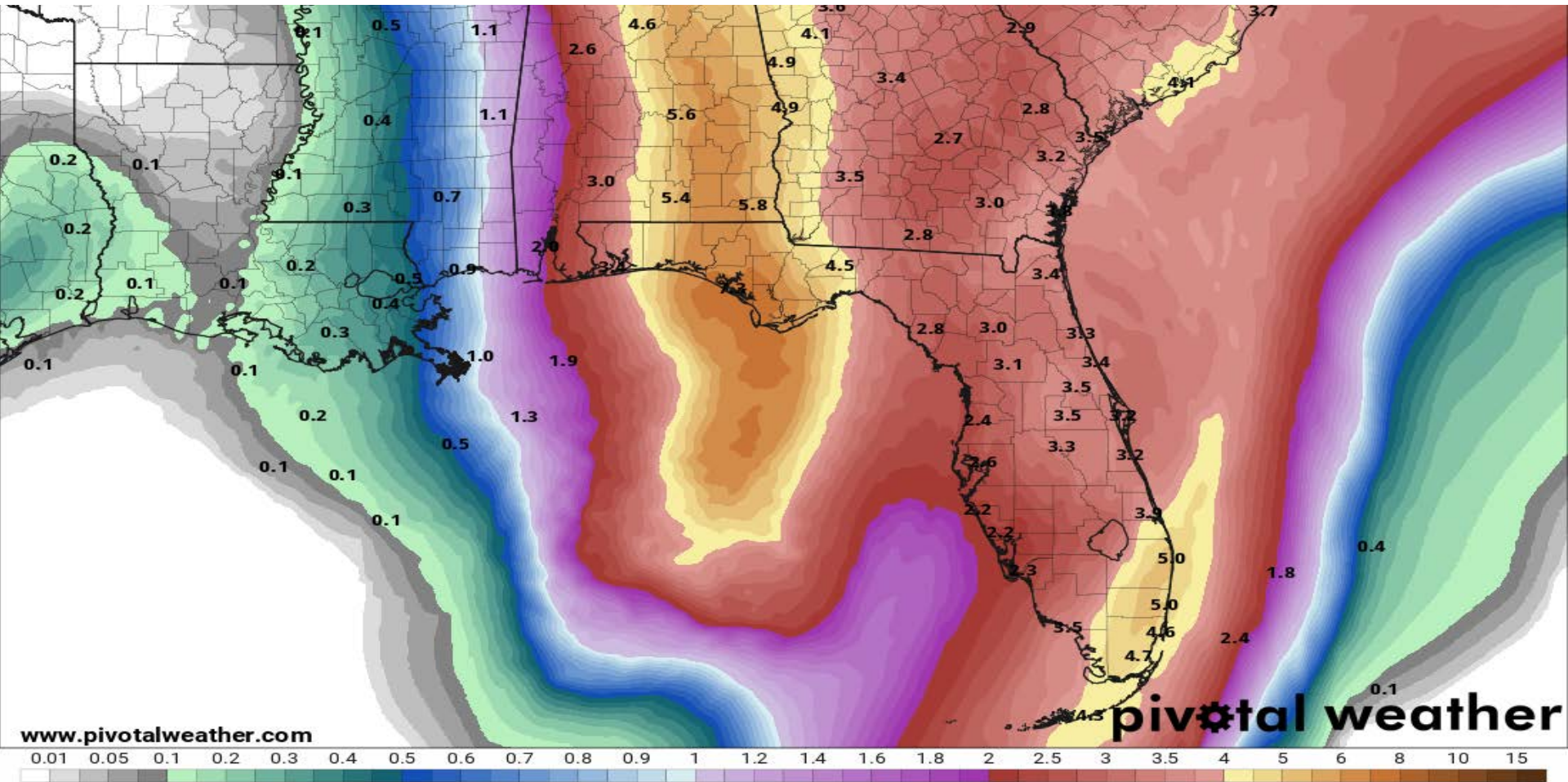


Forecast Total Rainfall Accumulations for next 7 Days

7-Day Precipitation (in)
Ending Sunday, Jun. 3, 2018 at 8 a.m. EDT

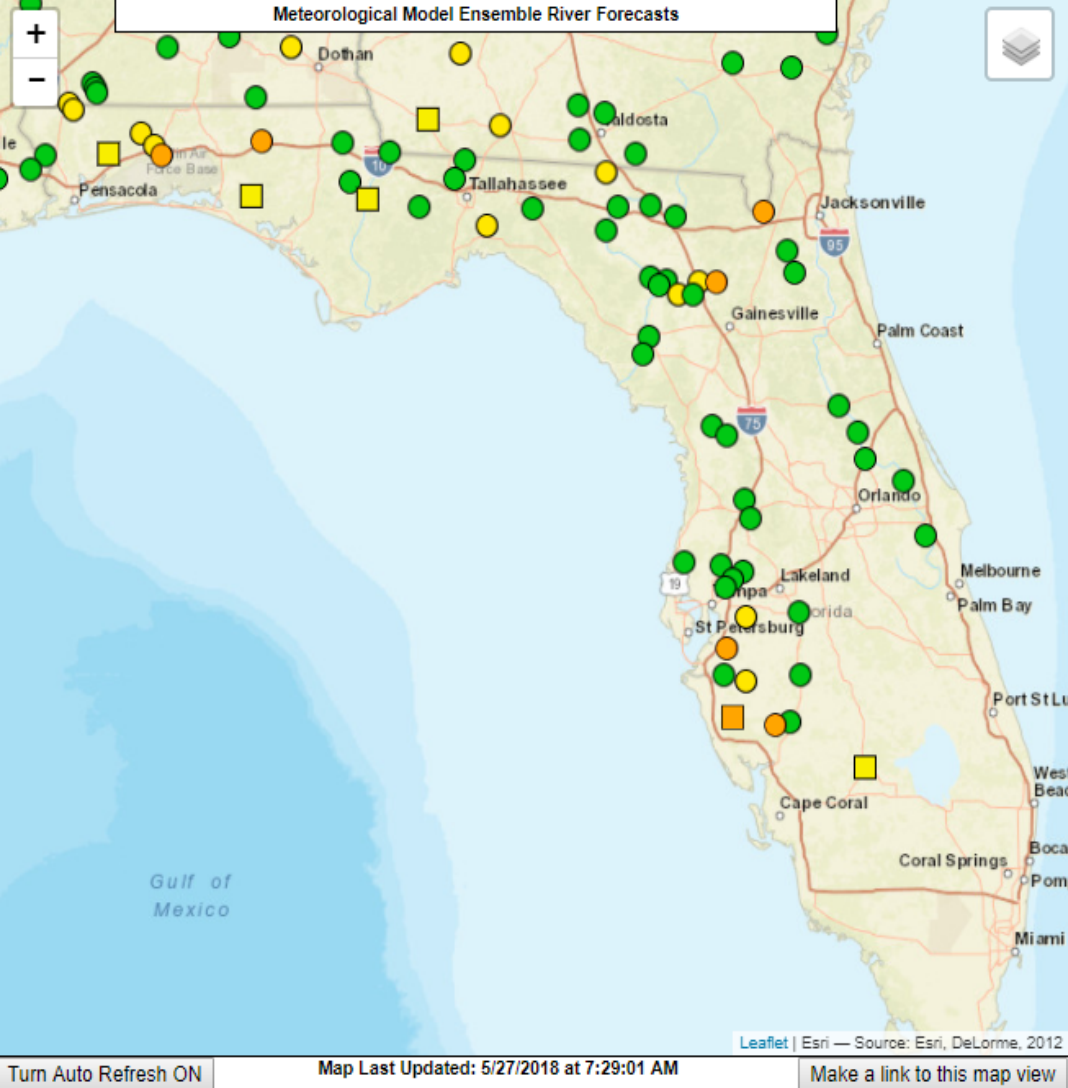
Init: Sun 2018-05-27 12z WPC











EXACT RAINFALL AMOUNTS WILL DEPEND ON THE STRUCTURE AND TRACK OF ALBERTO, WHICH COULD BE HIGHER OR LOWER THAN WHAT IS SHOWN. At this time, widespread average rainfall amounts of 2-4" inches are possible across Northeast and Central Florida, with 3-7" possible over portions of Southeast Florida and the Florida Panhandle. Isolated higher totals of 7 to 12 inches possible over portions of the Panhandle and Southeast Florida.



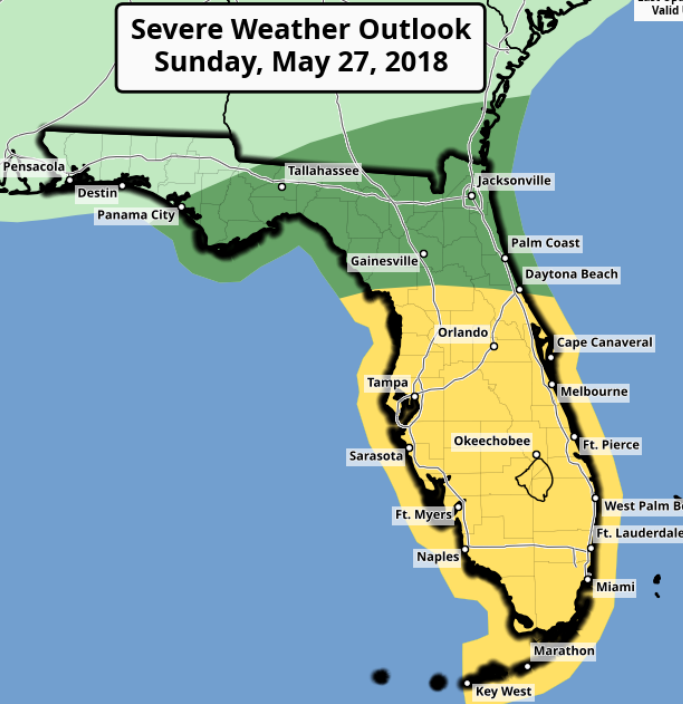
7 Day Chance of River Flooding

In addition to the flash flooding potential, minor to possibly moderate flooding on area rivers will be possible, but this will ultimately be dependent on where the heaviest rain falls. The areas for concern are currently in West Central Florida, the Florida Panhandle, and the Santa Fe River basin and Paynes Prairie State Park.



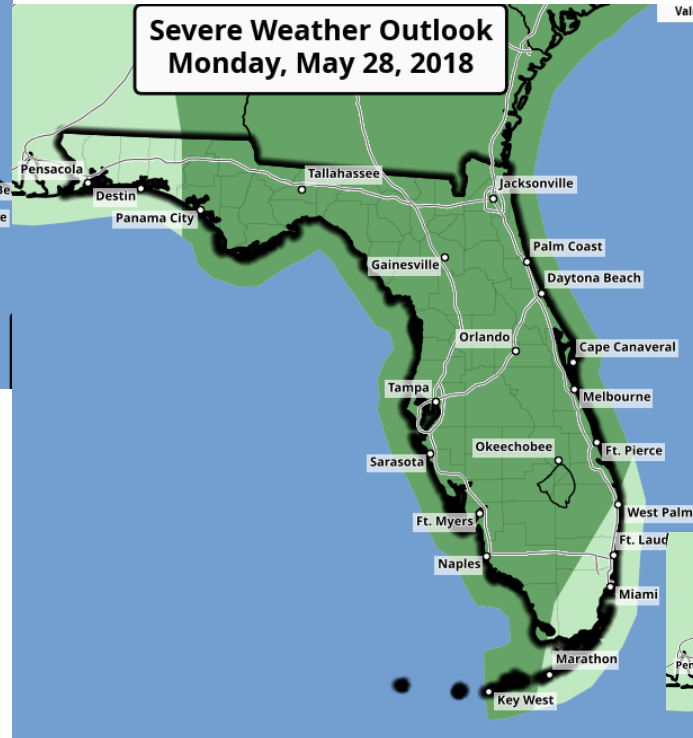
News Legend		
News Items less than 24 hours old	News Items 1 to 7 days old	No current News Items
Map Legend		
Chance of Exceedance		River Forecast Centers
30%	Level	70%
	Action	
	Minor Flood	
	Moderate Flood	
	Major Flood	
 = less than 30% chance of reaching Action level		
 = no critical levels defined for this point		
		Middle Atlantic River Forecast Center
		Northeast River Forecast Center
		Ohio River Forecast Center
		Southeast River Forecast Center

Severe Weather Outlook Sunday, May 27, 2018

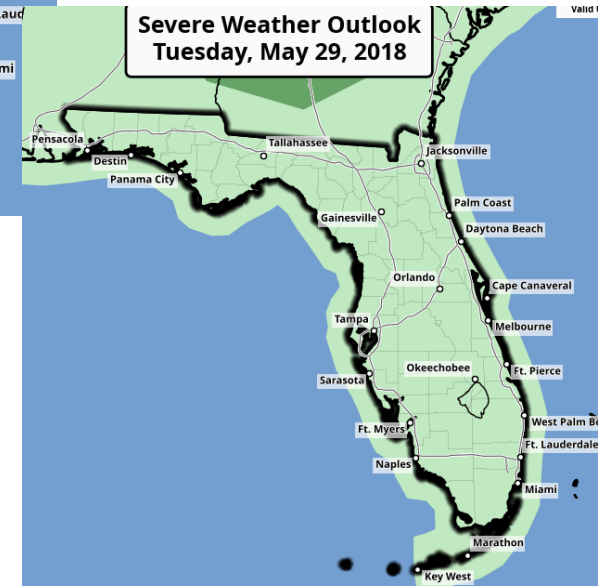


Tornado Risk

Severe Weather Outlook Monday, May 28, 2018



Severe Weather Outlook Tuesday, May 29, 2018



5	High
4	Moderate
3	Enhanced
2	Slight
1	Marginal
	Thunder

Summary

- At 8am EDT Sunday, the center of Sub-Tropical Storm Alberto was located 165 miles southwest of Tampa, Florida, which is also 240 miles south of Apalachicola, Florida.
- Maximum sustained winds have increased to 45mph and Alberto is moving quickly north around 15 mph. A motion toward the north-northwest is forecast tonight through Monday night.
- On the forecast track, the center of Alberto will cross the eastern and northern Gulf of Mexico through Monday, and make landfall over the northern Gulf Coast Monday afternoon or Monday evening.
- Gradual strengthening is forecast until the system reaches the northern Gulf Coast on Monday. Steady weakening is expected after Alberto makes landfall, and it is forecast to become a tropical depression by Tuesday.

Florida Outlook:

- While the Panhandle is within the 3 day cone, impacts will be felt across a majority of the state. Heavy rainfall will be the primary threat, although the wind and tornado threat is also increasing.
- Winds of 40 mph extend outward up to 150 miles (240 km) mainly to the east of the center.
- Tropical Storm Warnings are now in effect for ALL coastal counties from Escambia to Lee, and now include the inland counties of Holmes, Washington and Calhoun.
- A Storm Surge Watch extends along the Panhandle Coast from the Escambia County east to Crystal River in Citrus County due to anticipated surge values of 2-4 feet.
- Widespread rainfall amounts of 3-6" are expected statewide, with locally higher amounts of 7-12+" possible, especially for the Florida Panhandle and portions of South Florida.
- Flood and Flash Flood Watches are in effect for most of the state, including all counties in Central and South Florida, and in the Panhandle and Big Bend.
- River flooding will also be a concern for portions of the state over the coming days.
- Increased wave heights are also expected along most Florida beaches and will lead to a high risk of rip currents for the holiday weekend and into next week.
- There is a marginal to slight risk (level 2 of 5) of tornadoes for much of the state for today and Monday. Tornado Watches may be issued.

Another briefing packet will be issued Sunday afternoon. For more information on this system visit the NHC website at www.nhc.noaa.gov



TROPICAL UPDATE

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State Meteorological Support Unit
Florida Division of Emergency
Management

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