



TROPICAL UPDATE

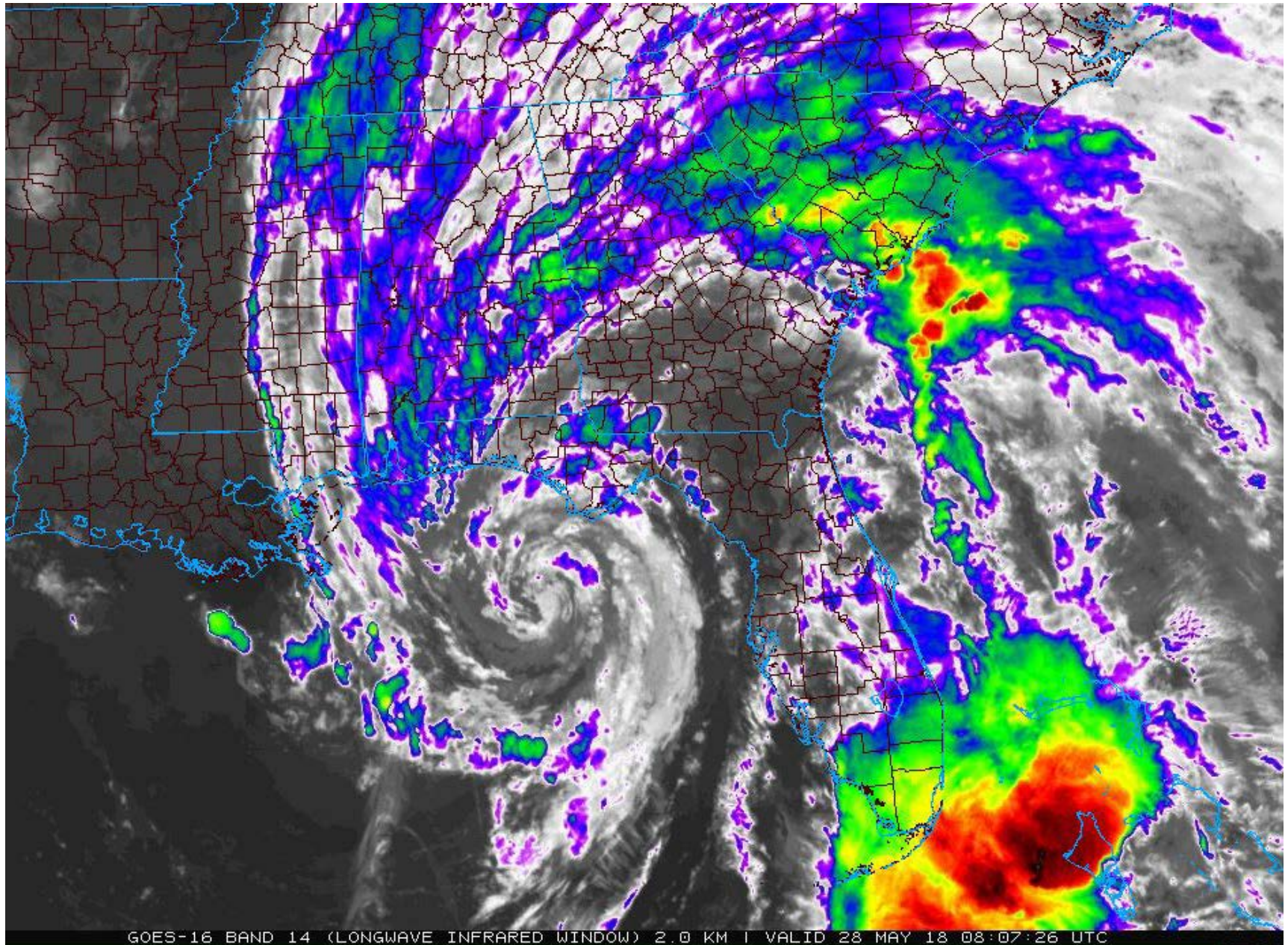
5 AM EDT

Monday, May 28, 2018

Sub-Tropical Storm Alberto

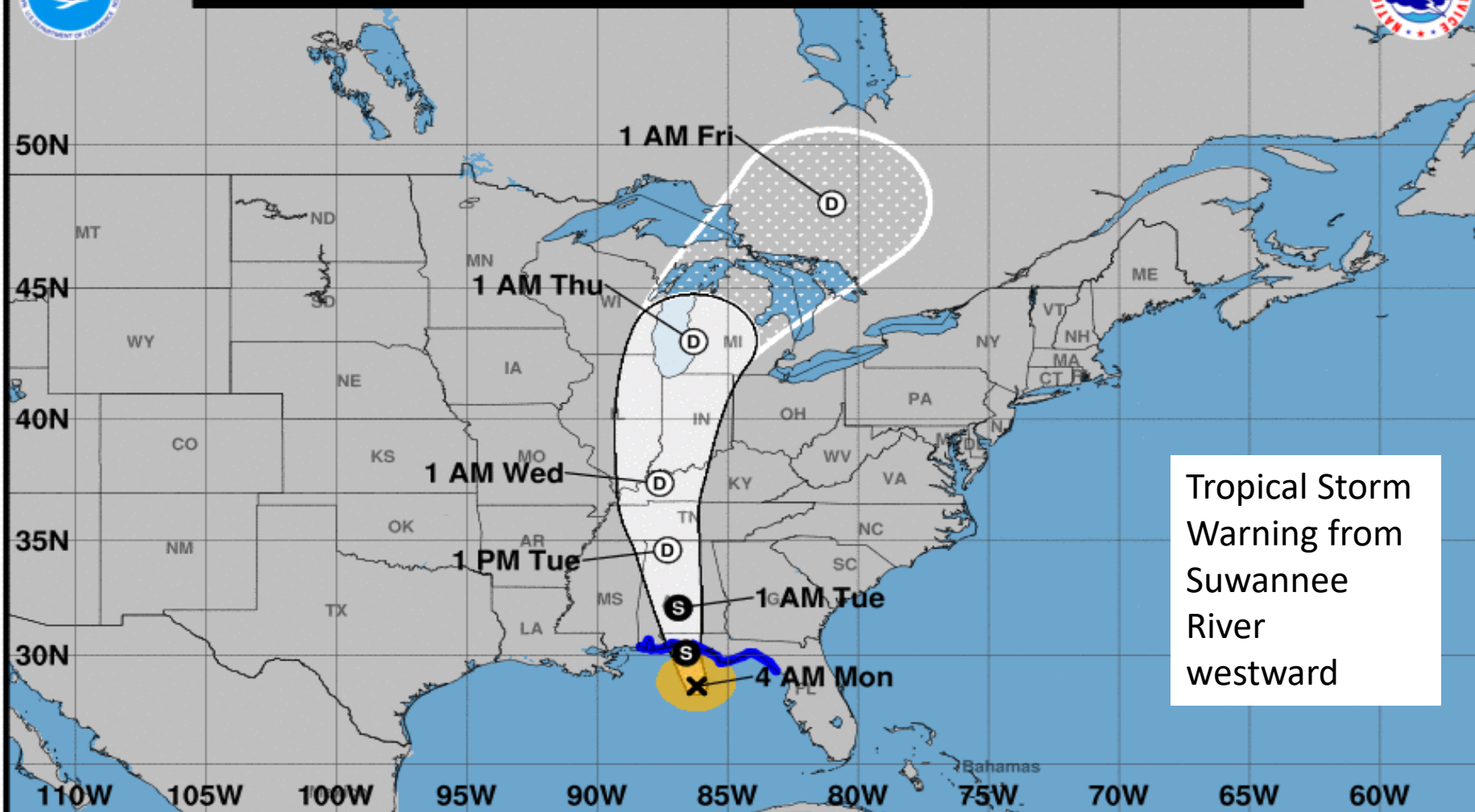
This update is intended for government and emergency response officials, and is provided for informational and situational awareness purposes only. Forecast conditions are subject to change based on a variety of environmental factors. For additional information, or for any life safety concerns with an 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.

SE US / Gulf of Mexico Satellite Image





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.



Tropical Storm
Warning from
Suwannee
River
westward

Subtropical Storm Alberto

Monday May 28, 2018

4 AM CDT Advisory 13

NWS National Hurricane Center

Current information: x

Center location 28.6 N 86.2 W

Maximum sustained wind 65 mph

Movement NW at 7 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

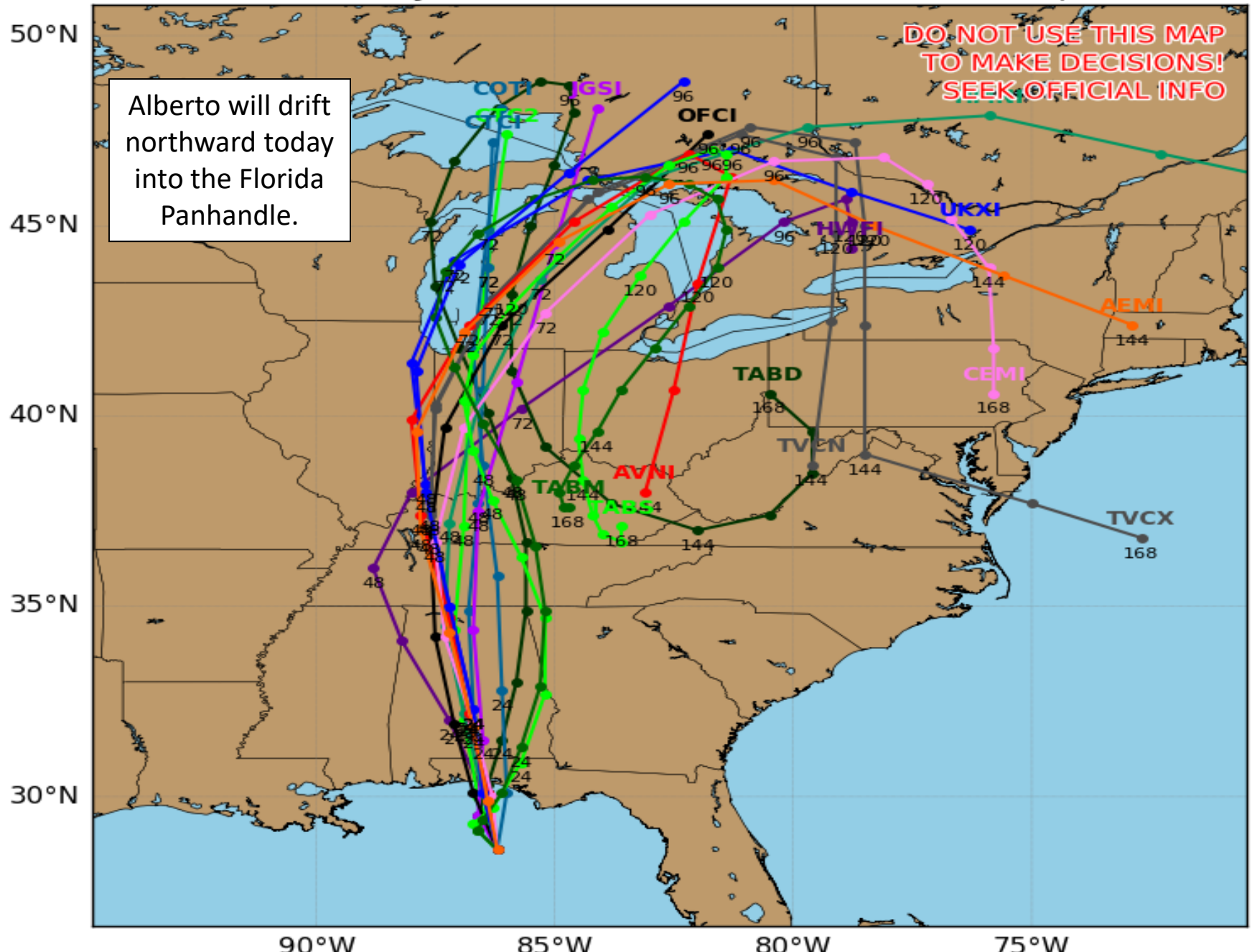
Current wind extent:

Hurricane Trop Stm

Subtropical Storm ALBERTO Model Track Guidance

Initialized at 06z May 28 2018

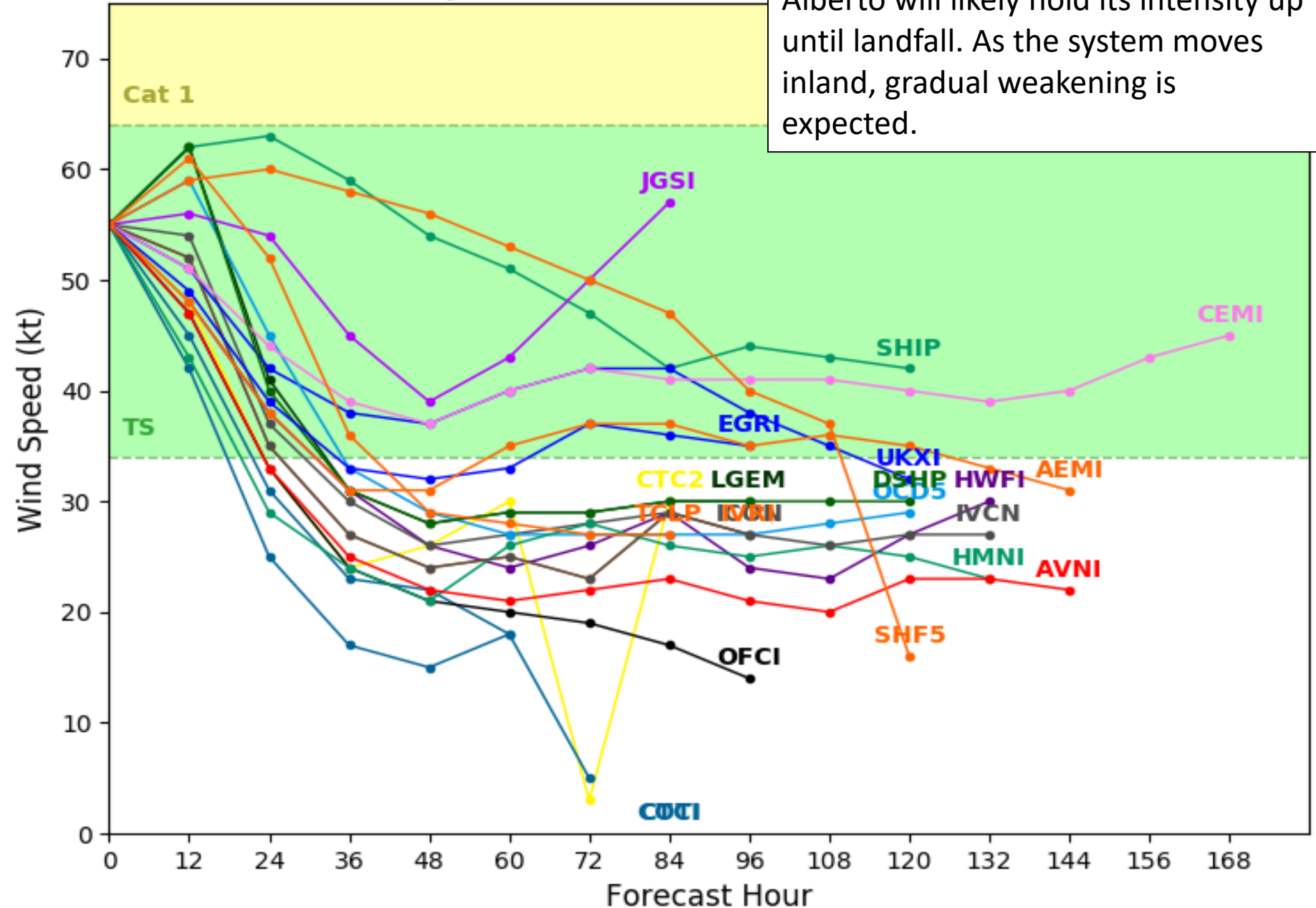
Levi Cowan - tropicaltidbits.com

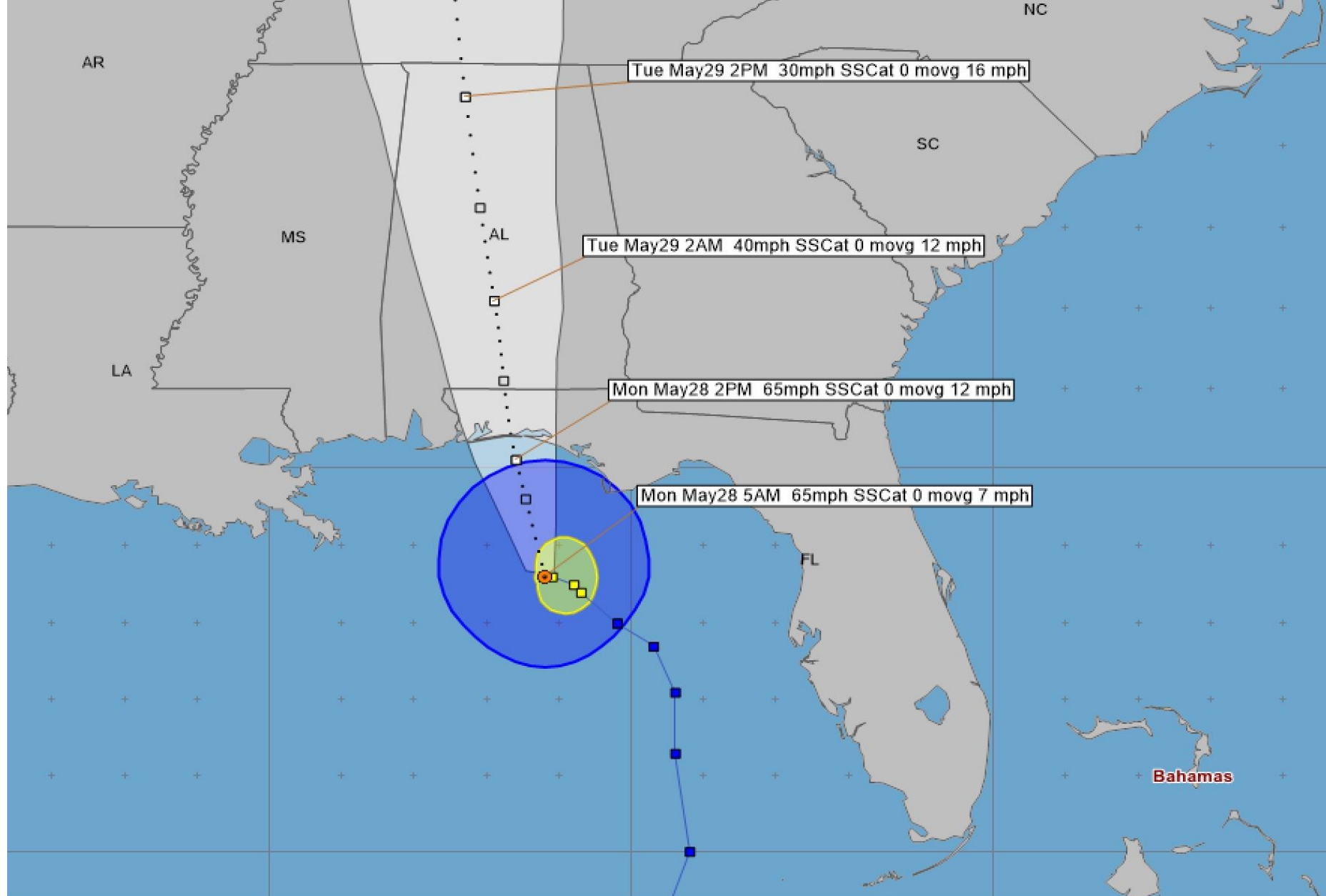


Subtropical Storm ALBERTO Model Intensity Guidance

Initialized at 06z May 28 2018

Alberto will likely hold its intensity up until landfall. As the system moves inland, gradual weakening is expected.





Subtropical Storm Alberto - Monday, May 28, 2018 5 AM EDT Advisory #13

Center Location: 28.6 N 86.2 W Maximum Sustained Winds: 65 mph Movement: 7 mph NW

□ forecast positions

Potential Track Area:

day 1-3

day 4-5

Surface Wind Field:

at current location

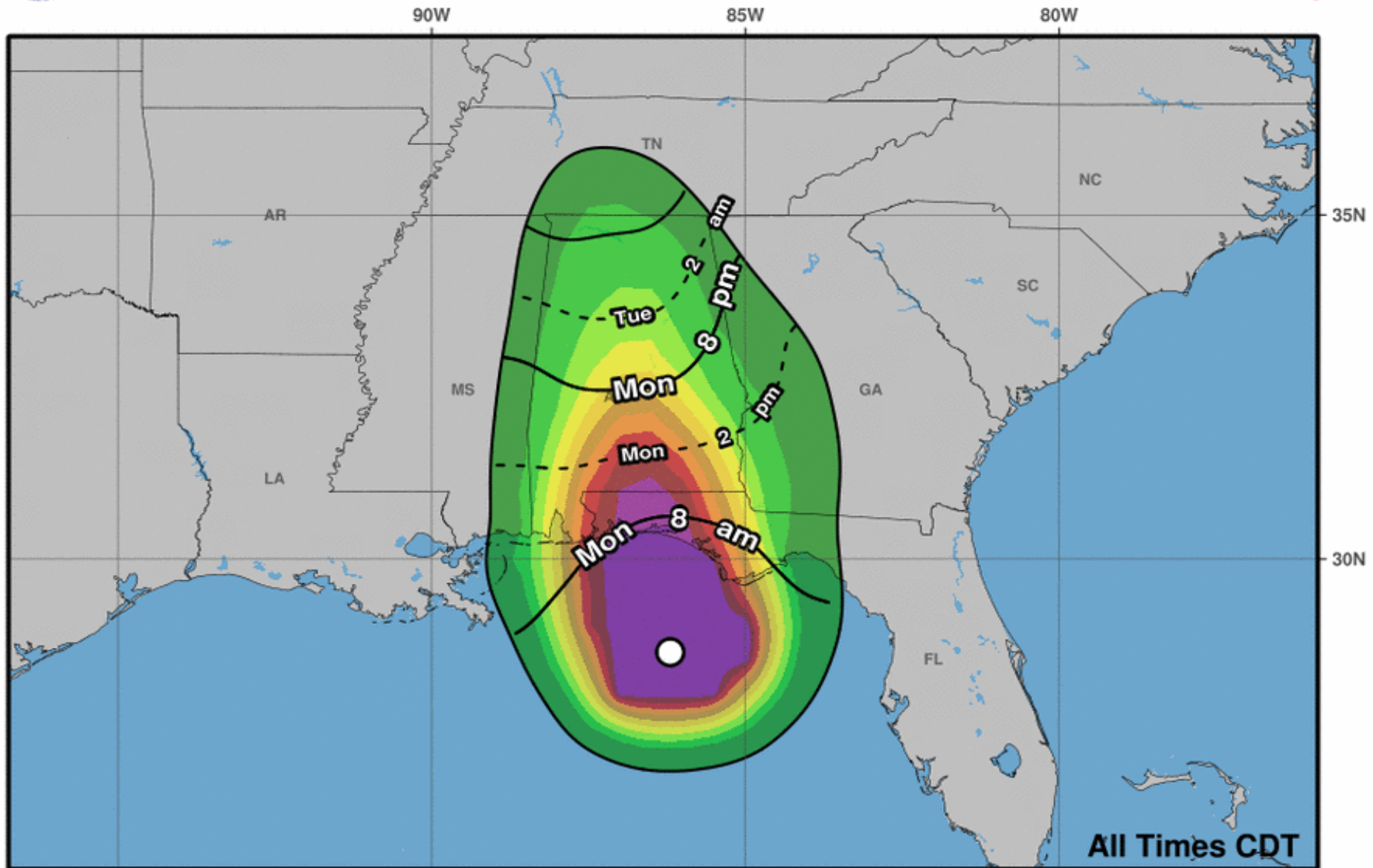
Sustained Wind Speeds: ■ tropical storm ≥ 34kt/39mph

■ strong tropical storm ≥ 50kt/58mph

■ hurricane ≥ 64kt/74mph



Most Likely Arrival Time of Tropical-Storm-Force Winds

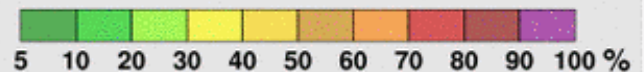


Subtropical Storm Alberto
Mon. May. 28, 2018 4 am CDT
Advisory 13

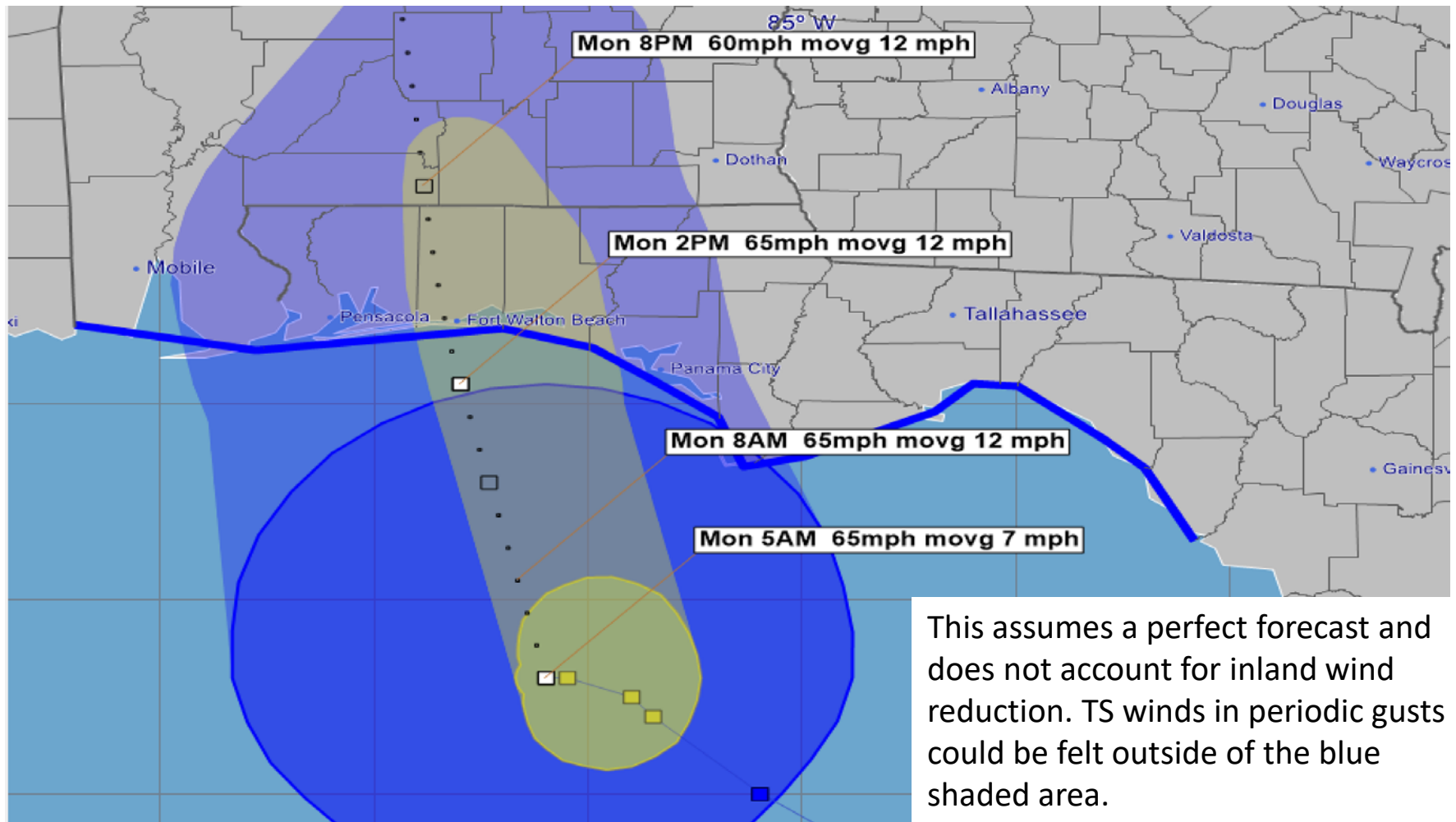
Storm Location & Wind Speed

- < 34 kt (39 mph)
- 34-63 kt (39-73 mph)
- ≥ 64 kt (74 mph)

5-day chance of receiving sustained 34+ kt (39+ mph) winds



Hurrevac Forecast Wind Swath



This assumes a perfect forecast and does not account for inland wind reduction. TS winds in periodic gusts could be felt outside of the blue shaded area.

Subtropical Storm Alberto - Monday, May 28, 2018 5 AM EDT Advisory #13

Center Location: 28.6 N 86.2 W Maximum Sustained Winds: 65 mph Movement: 7 mph NW

□ forecast positions Surface Wind Field: ● at current location ● along 3-day forecast track

Watches: hurricane tropical storm Warnings: hurricane tropical storm

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

SUBTROPICAL STORM ALBERTO

ALERTS

HURRICANE
WARNING

TROPICAL STORM
WARNING

HURRICANE
WATCH

TROPICAL STORM
WATCH

Conditions Likely

Conditions Possible

Mobile

Andalusia

Dothan

Marianna

Pensacola

Destin

Panama City

St. Marks

Apalachicola

Cedar Key



STORM SURGE ALERTS

WATCH
(INUNDATION POSSIBLE)

WARNING
(INUNDATION EXPECTED)

Destin

Apalachicola

Suwannee River

OF 2 TO 4 FEET

INUNDATION OF 2 TO 4 FEET

Surge heights will peak near
landfall at high tide this
afternoon.



Severe Weather Outlook Monday, May 28, 2018

Last Updated: May 28 2018 0100 AM CDT
Valid Until: May 29 2018 0700 AM CDT



5	High
4	Moderate
3	Enhanced
2	Slight
1	Marginal
	Thunder

Isolated
tornado or
damaging wind
gust possible in
North Florida
today. Risk will
diminish
tomorrow.

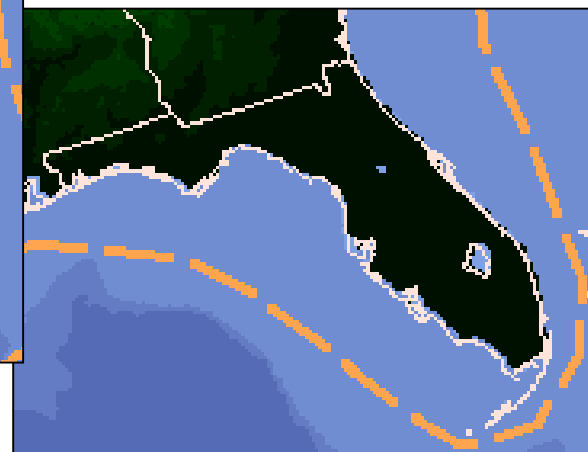
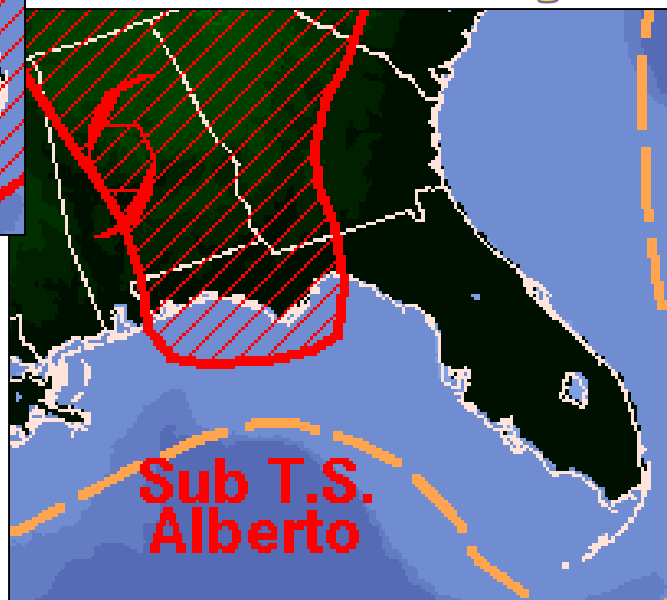
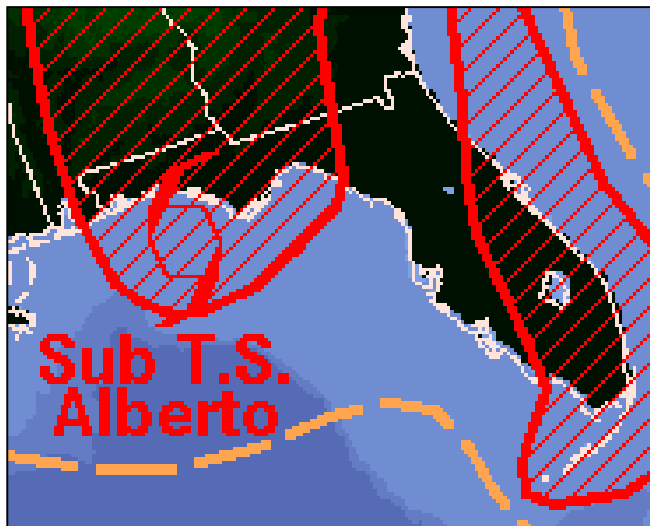
Forecast Weather Map

Today

Alberto will make landfall today in the Panhandle as its moisture will linger across the state through tomorrow. Alberto will move north towards the Great Lakes by Wednesday.

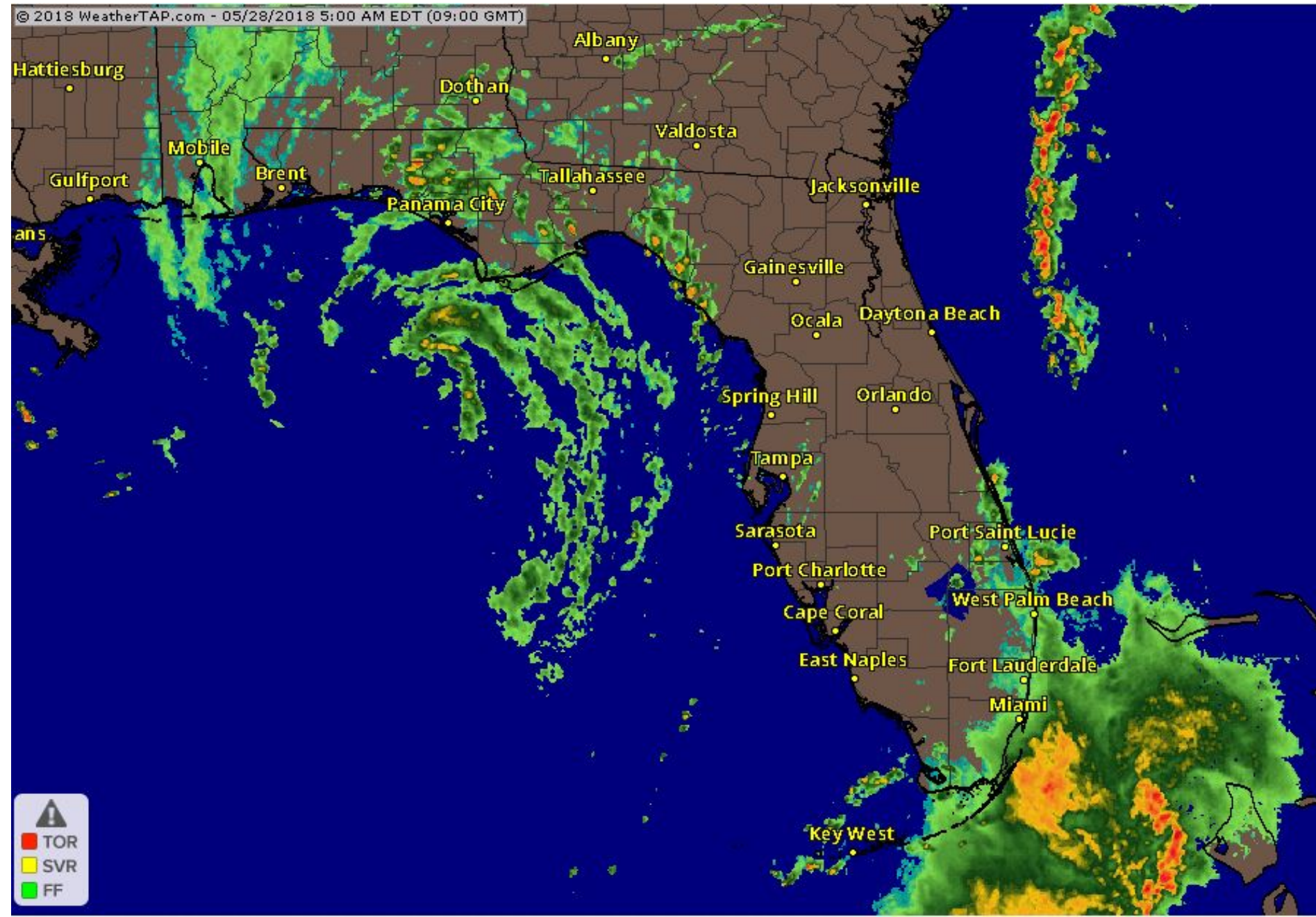
Tuesday

Wednesday



Rain	Flash Flooding Possible (hatched)
Rain and T'Storms	Severe T'Storms Possible (hatched)

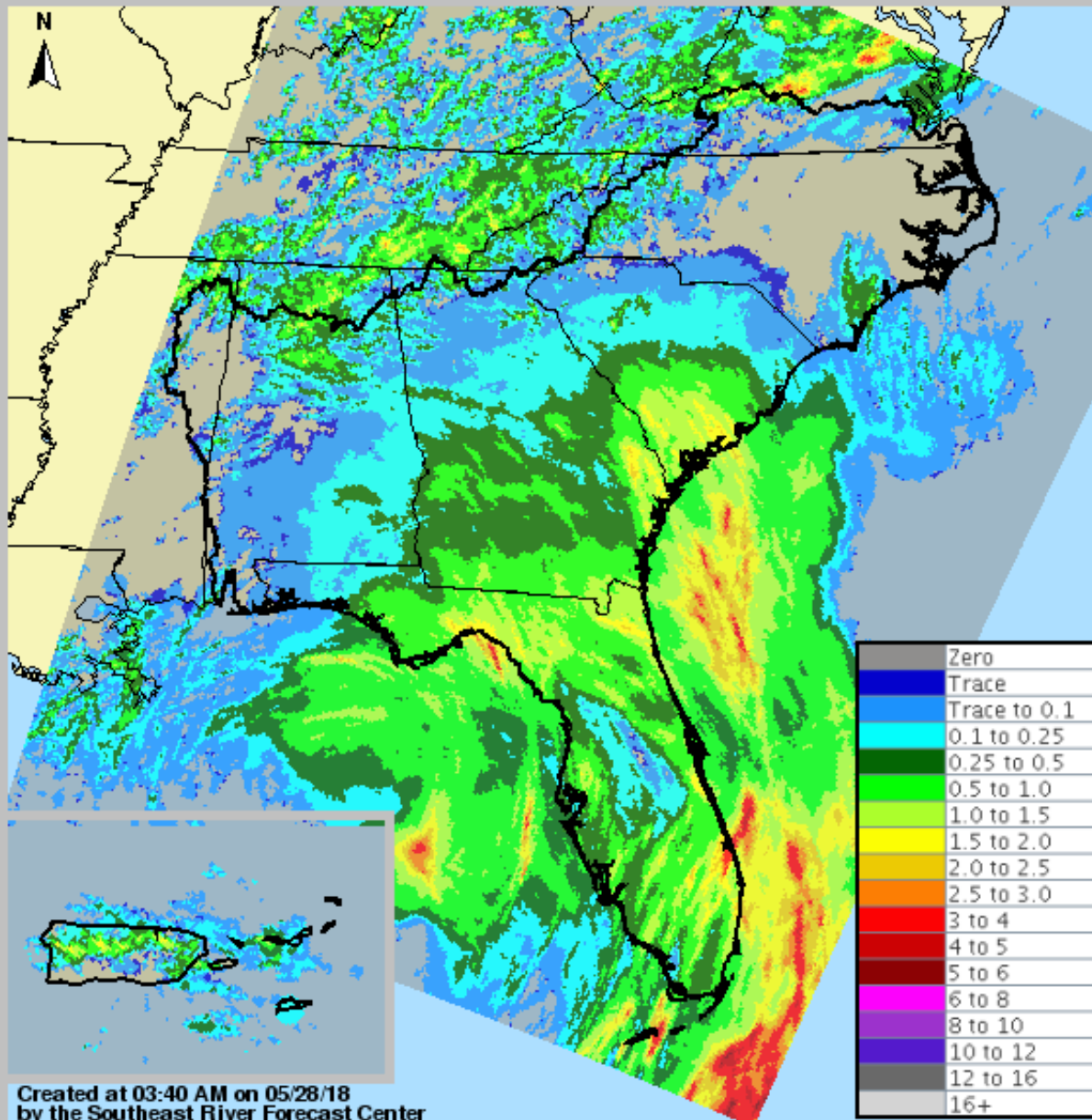
Current Radar as of 5:00 AM





24-hour Precipitation

Ending May 28, 2018 at 3 am



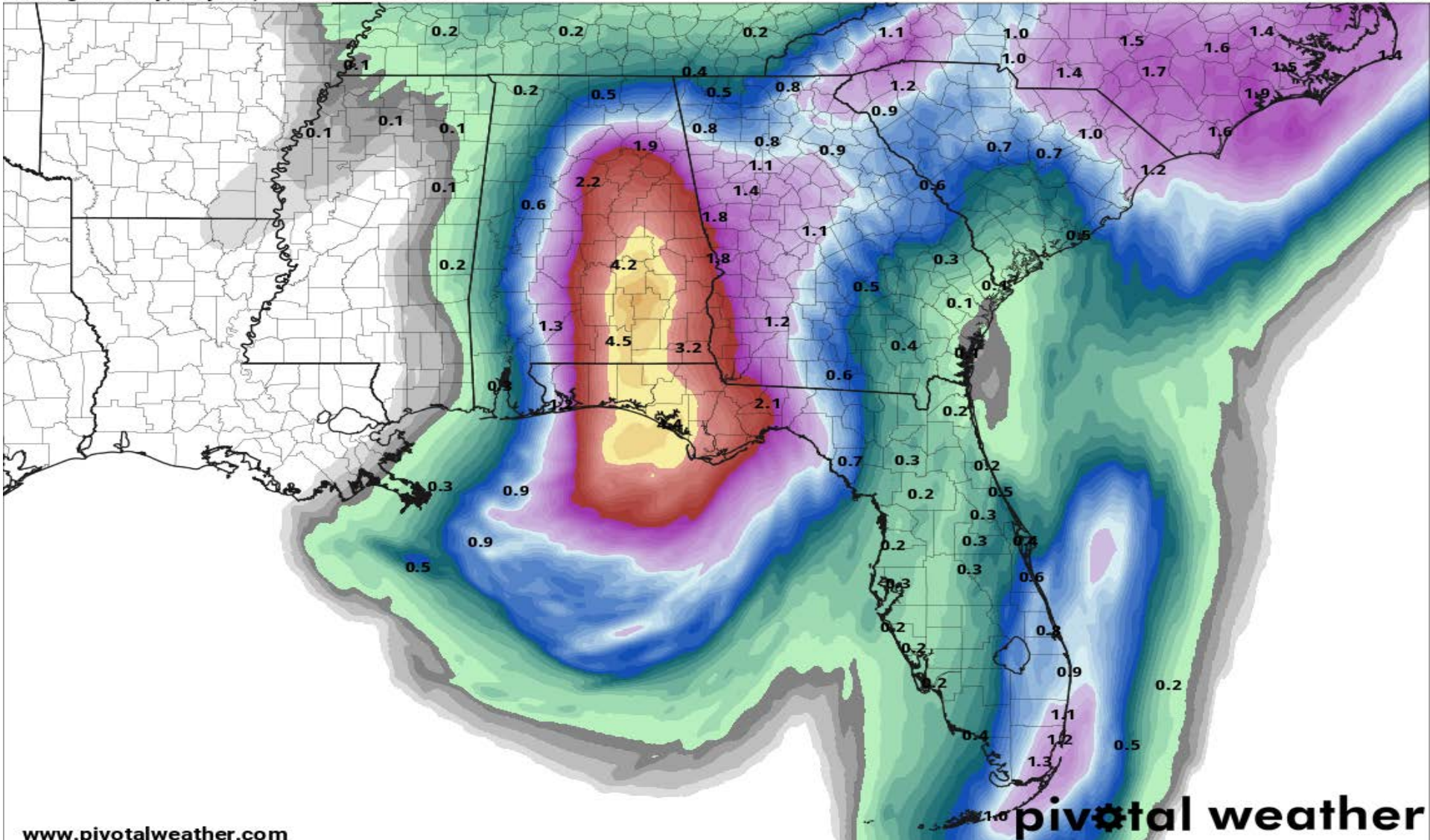
- Yesterday, a widespread 0.5-1" fell across all but interior Central Florida and the western Panhandle.
- Locally higher totals of 3-4" fell across parts of St. Lucie and Martin County

Forecast Total Rainfall Accumulations for Monday

24-Hour Precipitation (in)

Ending Tuesday, May 29, 2018 at 8 a.m. EDT

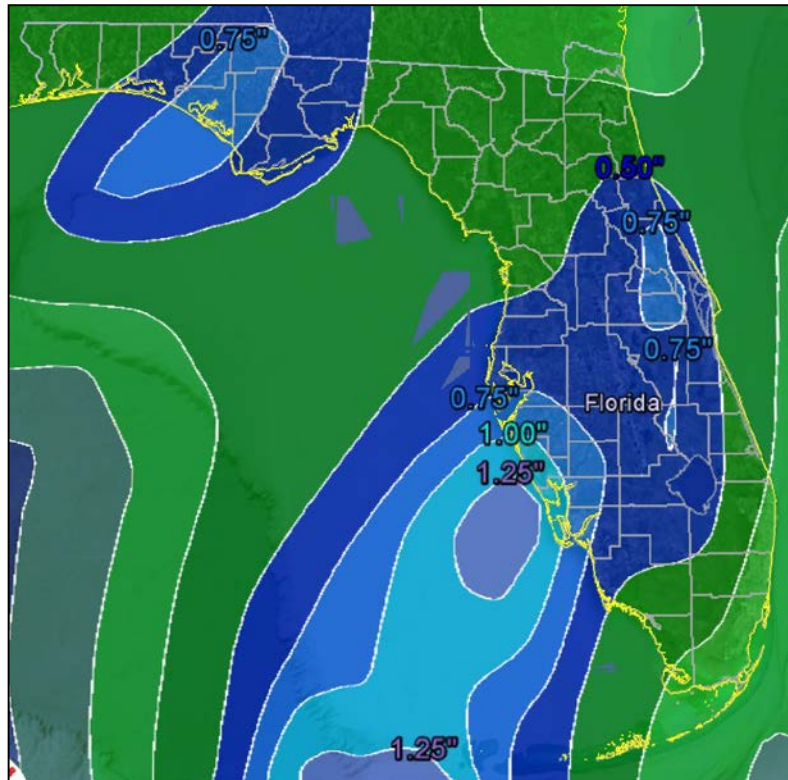
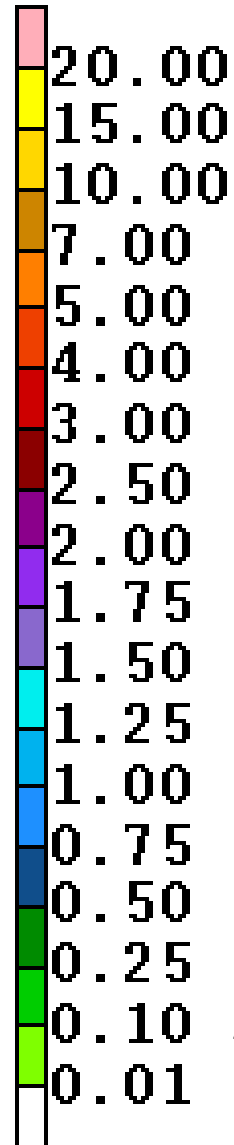
Init: Mon 2018-05-28 12z WPC



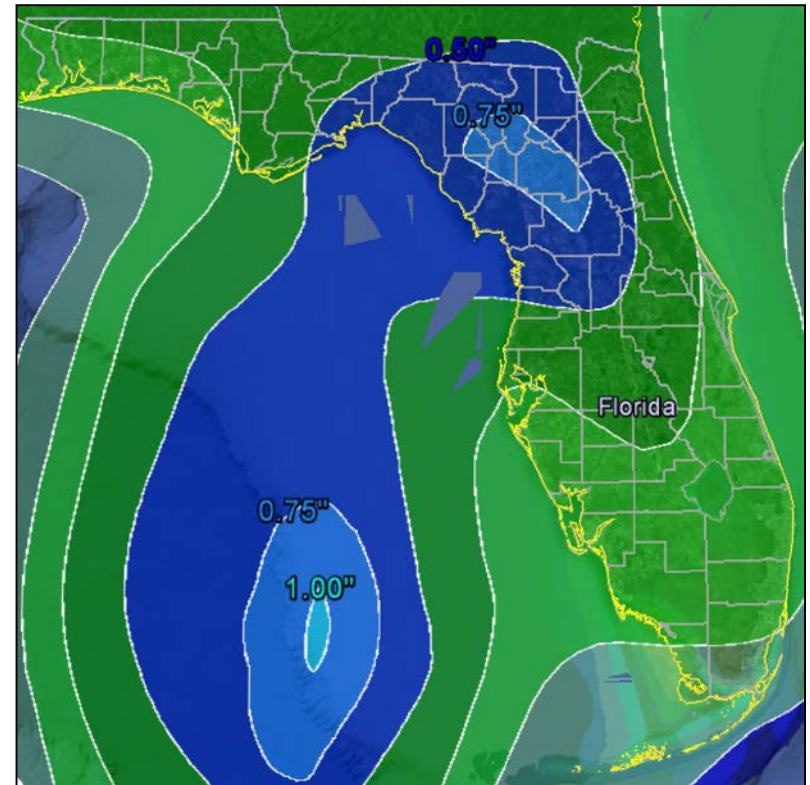
0.01 0.05 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1 1.2 1.4 1.6 1.8 2 2.5 3 3.5 4 5 6 8 10 15

pivotal weather

Forecast Total Rainfall Accumulations



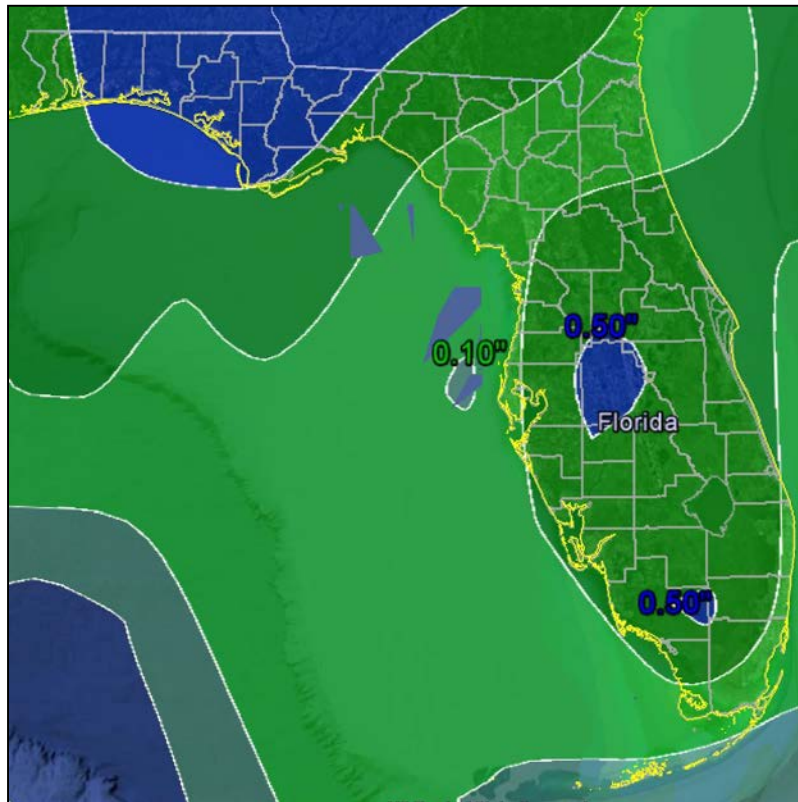
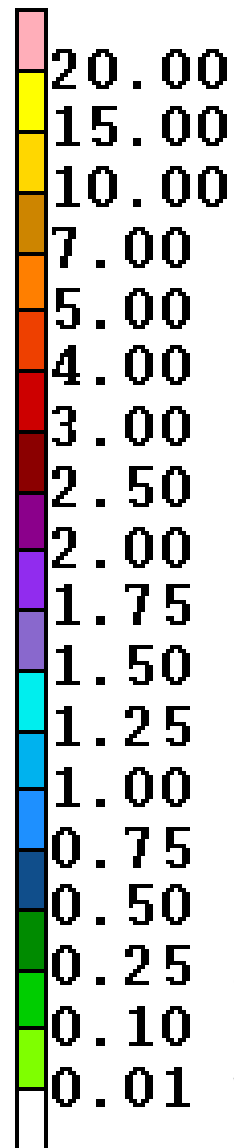
Tuesday



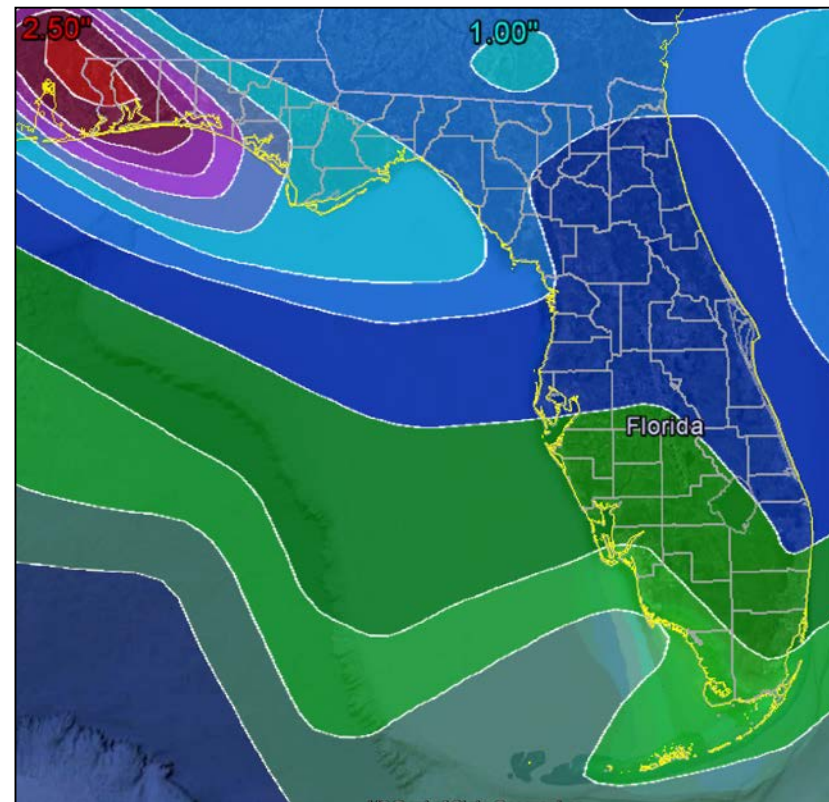
Wednesday

Heavy rain will continue across the Panhandle on Tuesday as Alberto lifts north into Alabama. Could still see some bands across South Florida. A return to summertime-like pattern with afternoon showers and thunderstorms by Wednesday statewide.

Forecast Total Rainfall Accumulations



Thursday-Friday



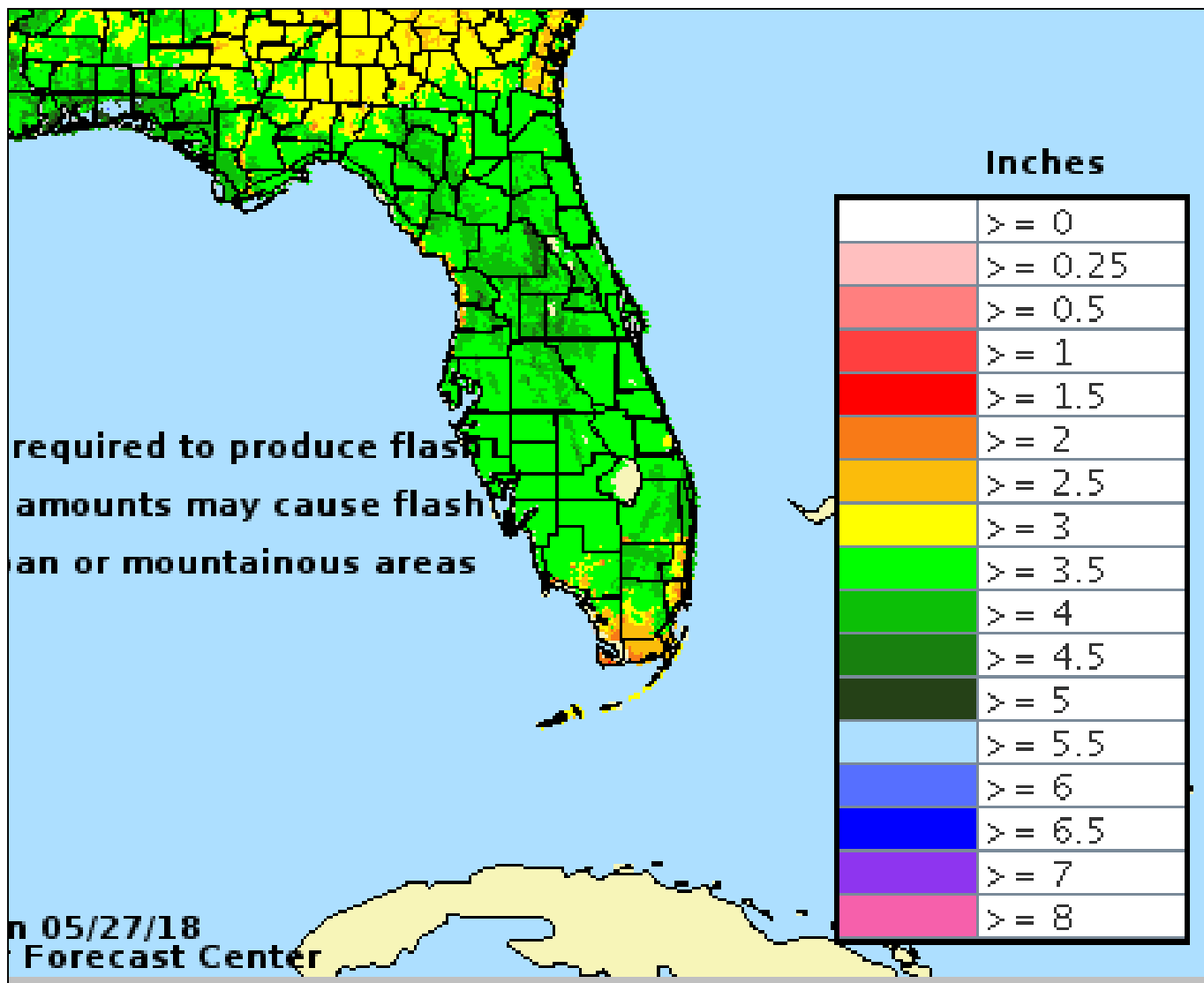
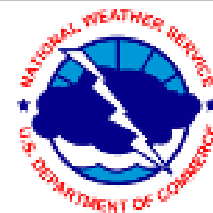
Saturday-Sunday

Summer-like scattered showers and thunderstorms continue later in the week, but a slow-moving cold front may bring locally heavy rainfall to the Panhandle this weekend. Those details will be worked out over the coming days.



3-hr Flash Flood Guidance

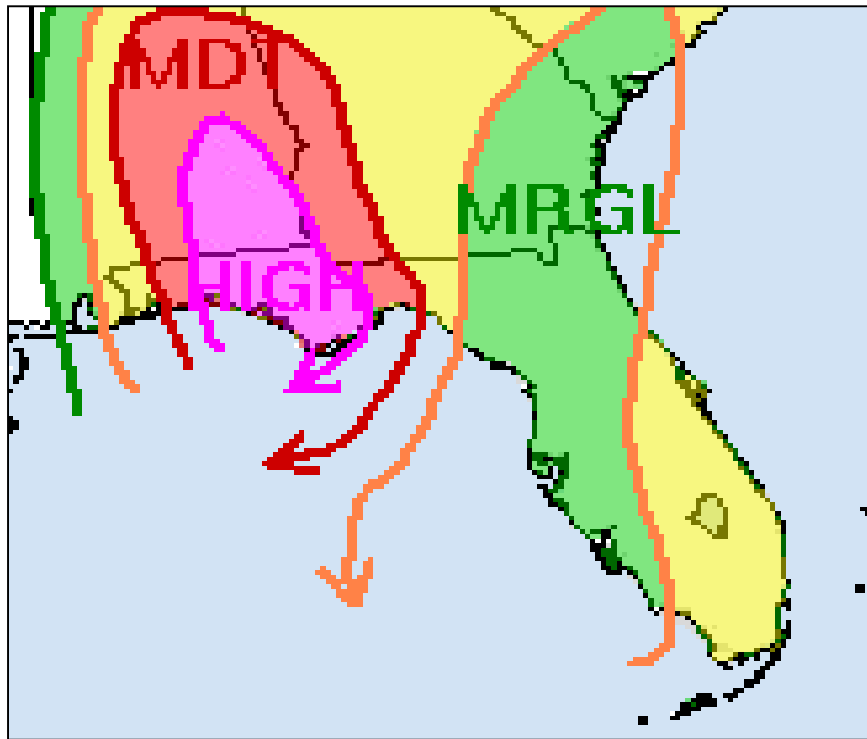
Valid: 05/27/2018 @ 09:56 PM



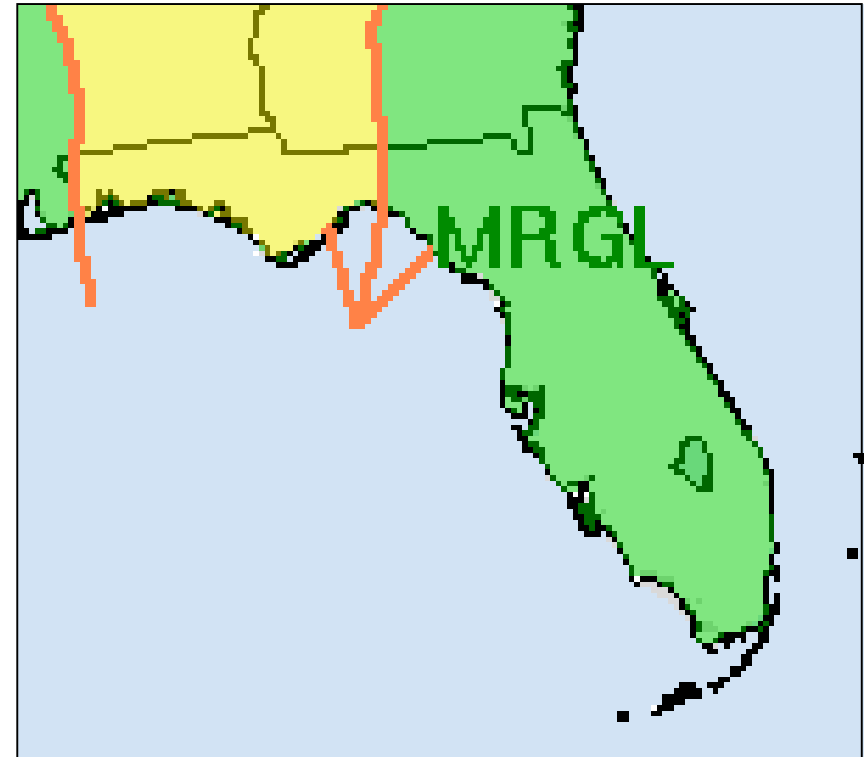
Since soils are already saturated, any additional heavy rain (generally 3-4" in 3 hours, 4-6" in 6 hours 5-7" in 12 hours) will cause flash flooding issues.

Excessive Rain Outlook – Risk for Flash Flooding

Today



Tuesday



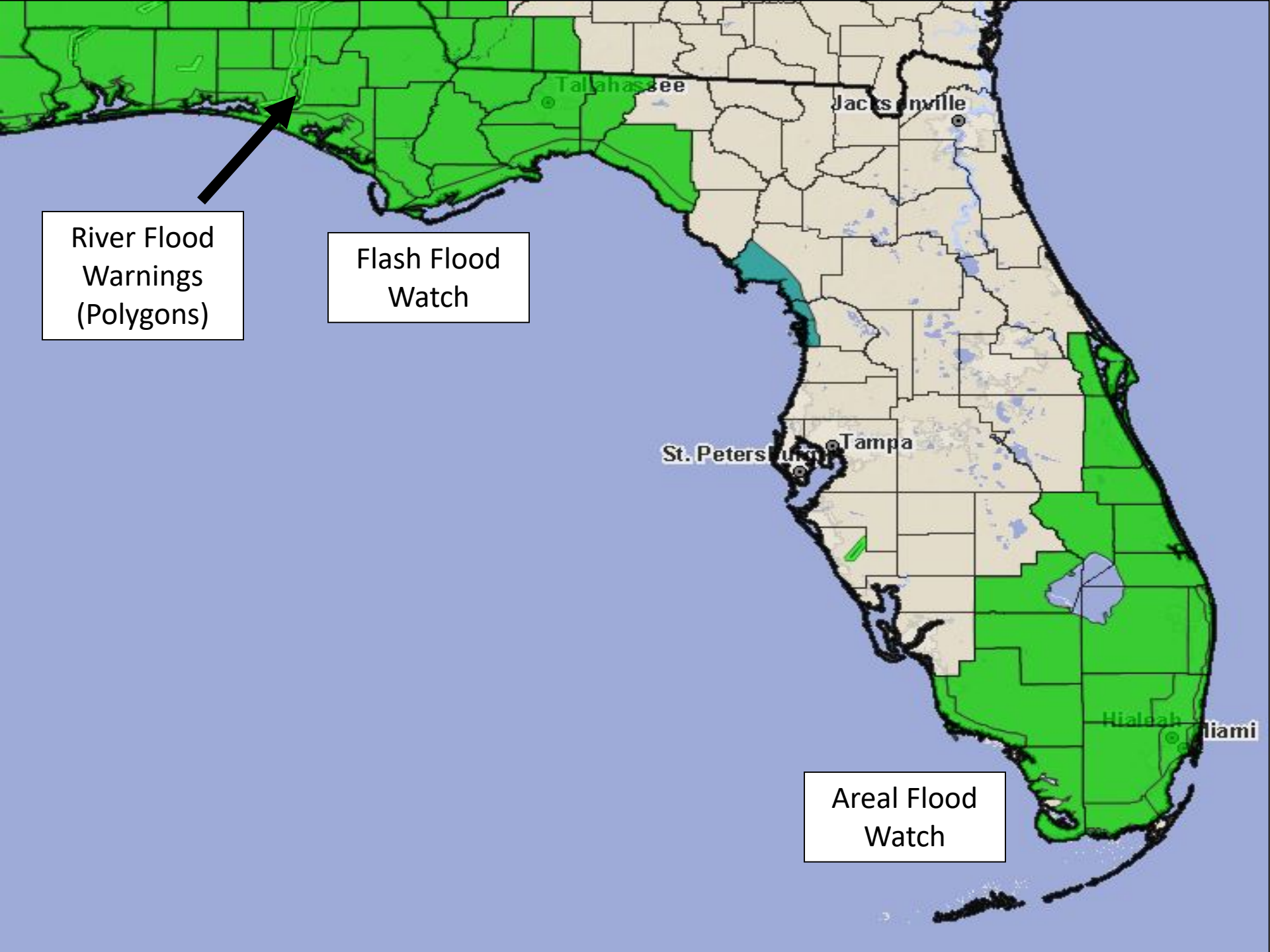
Risk of rainfall exceeding flash flood guidance within 25 miles of a point to the right of a line

HIGH: > 50%

SLGT: 10%-20%

MDT: 20%-50%

MRGL: 5%-10%



River Flood
Warnings
(Polygons)

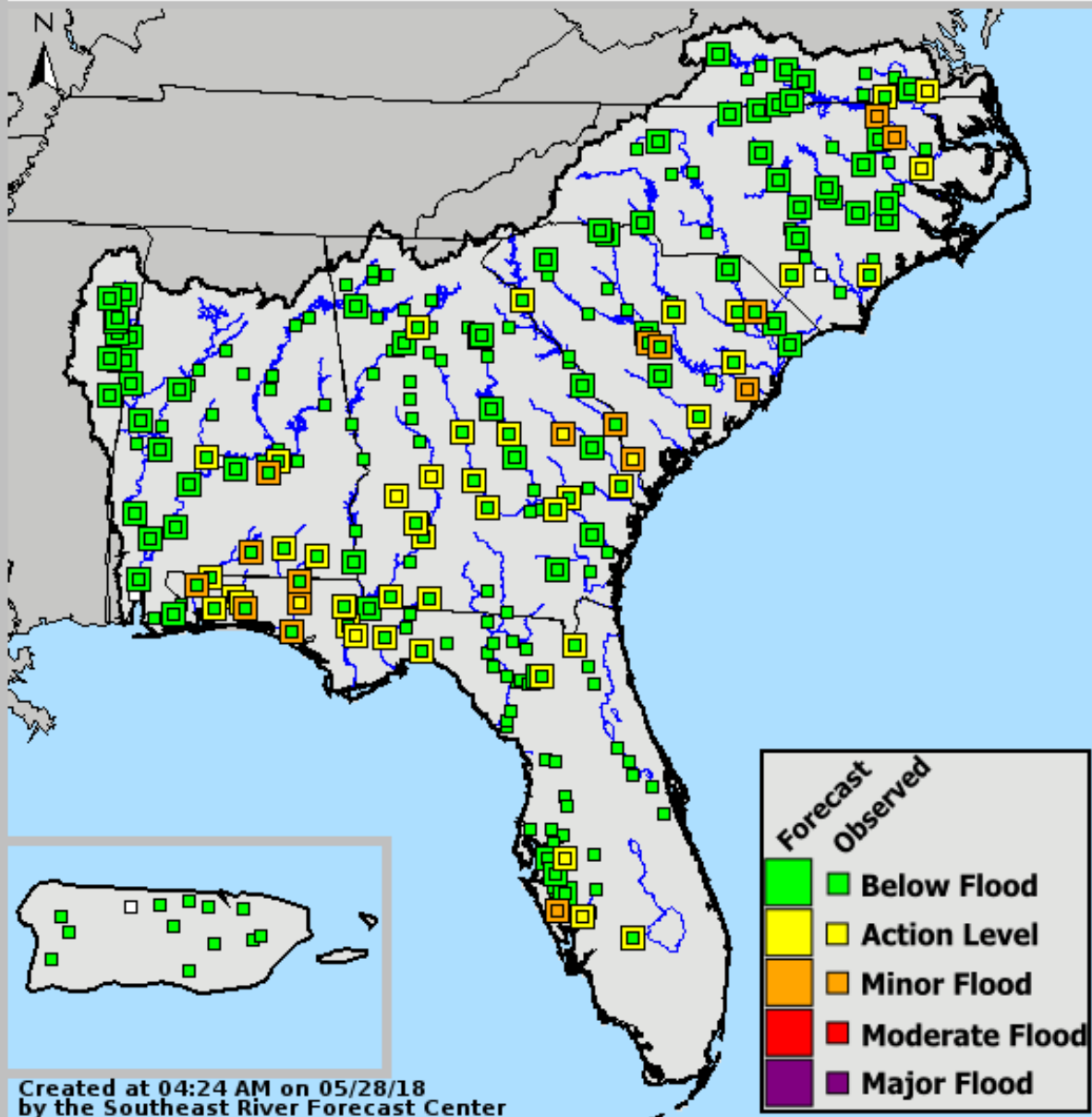
Flash Flood
Watch

Areal Flood
Watch



SERFC River Condition

Valid: 05/28/2018 @ 04:24 AM

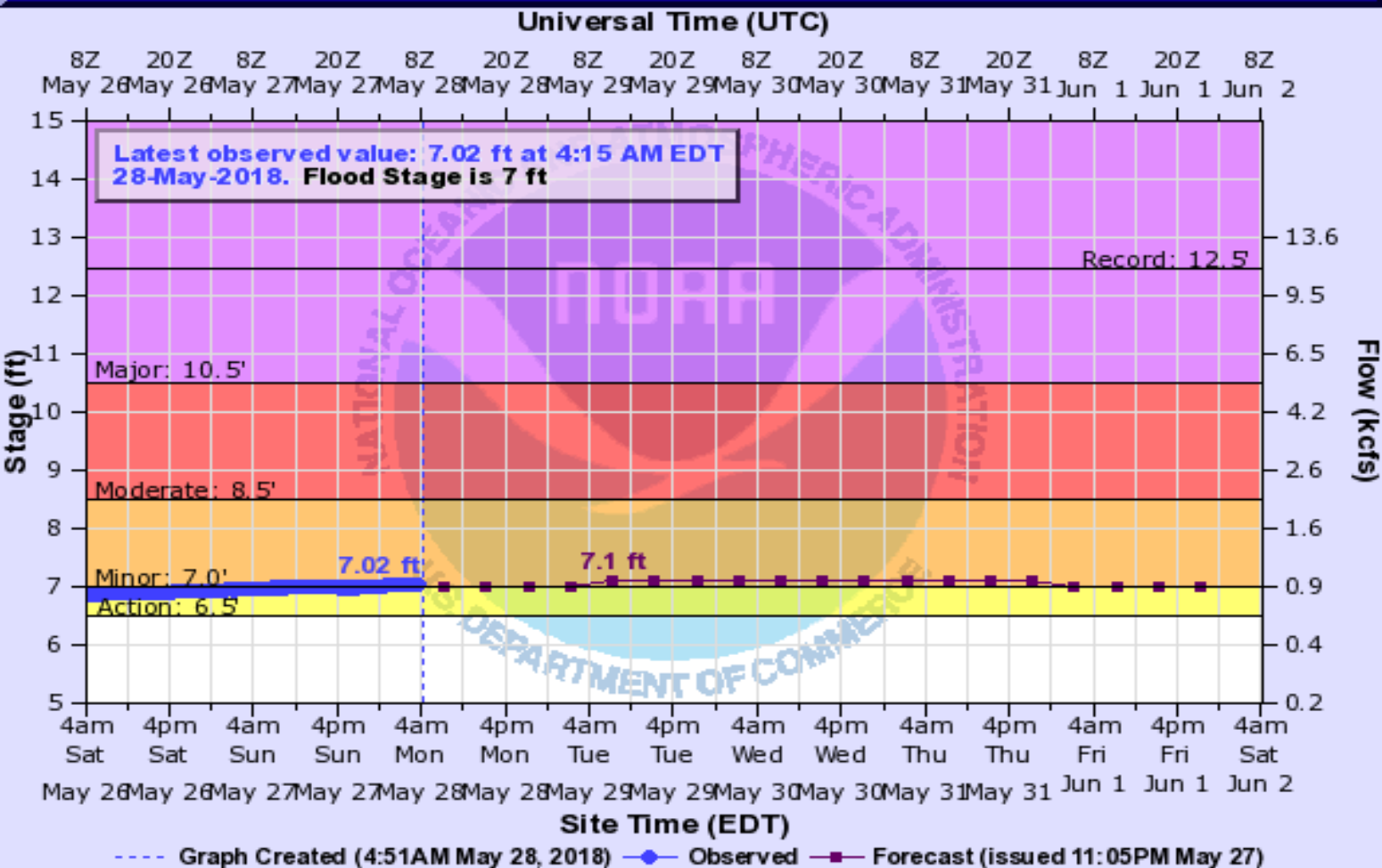


Created at 04:24 AM on 05/28/18
by the Southeast River Forecast Center

Minor River Flooding is currently expected at:

- Escambia River (crest Saturday)
- Shoal River (crest Wednesday)
- Choctawhatchee River (crest Saturday)
- Myakka River (crest Tuesday)

MYAKKA RIVER (FL) AT MYAKKA RIVER STATE PARK



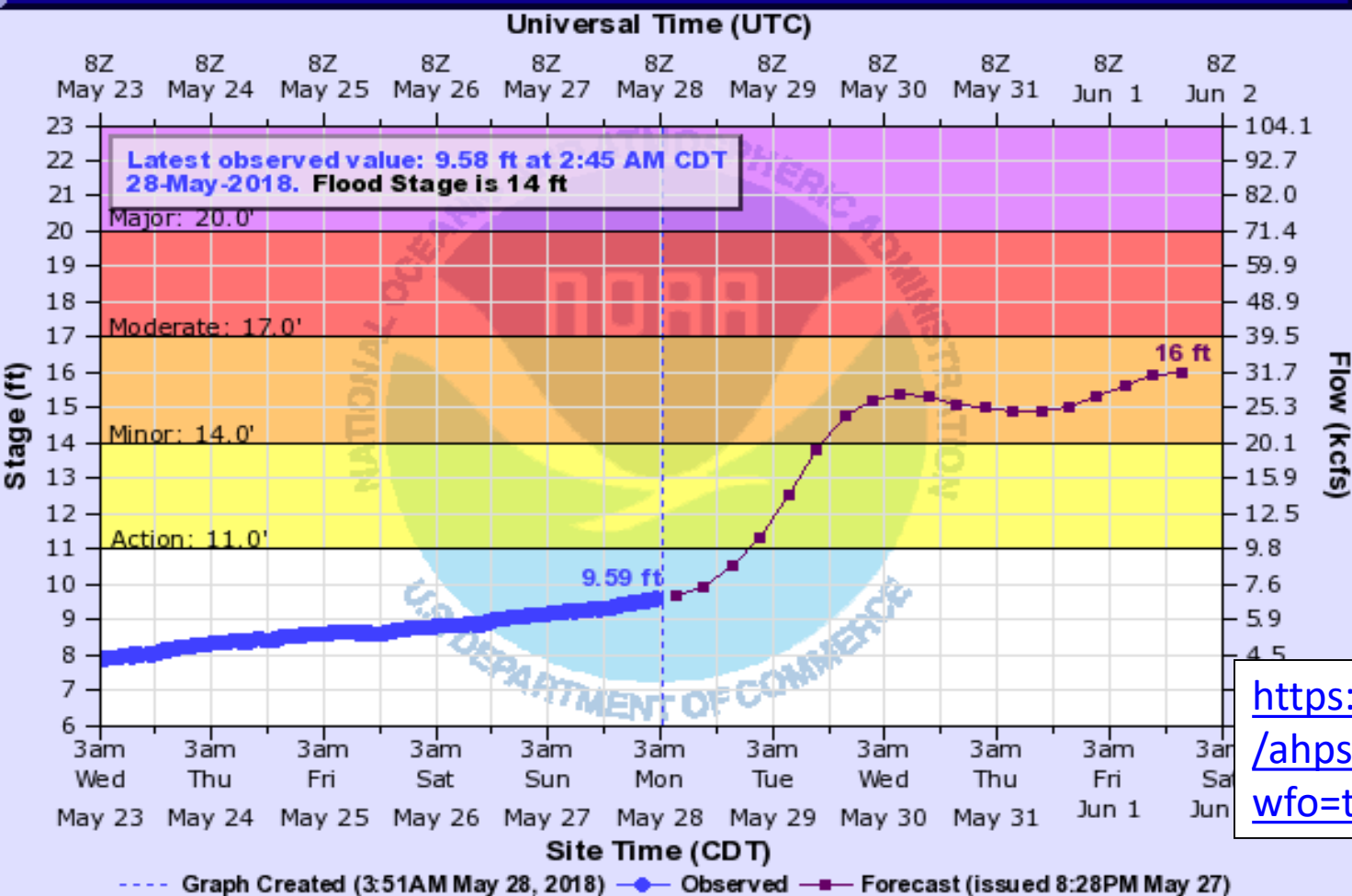
MKCF1(plotting HGIRG) "Gage 0" Datum: 7.92'

Observations courtesy of US Geological Survey

- | | |
|------|--|
| 11.9 | Water is on State Road 72. |
| 11 | Homes and bogs flood, water approaches State Road 72. |
| 10.6 | The walkway to the river gage floods. |
| 8.5 | Most of Myakka State Park is closed. |
| 8 | The main road at Myakka State Park floods. |
| 7 | Trails, picnic areas, and parking lots at Myakka State Park flood. |

<https://water.weather.gov/ahps2/hydrograph.php?wfo=tbw&gage=mkcf1>

CHOCTAWHATCHEE RIVER NEAR BRUCE-EBRO (SR 20)



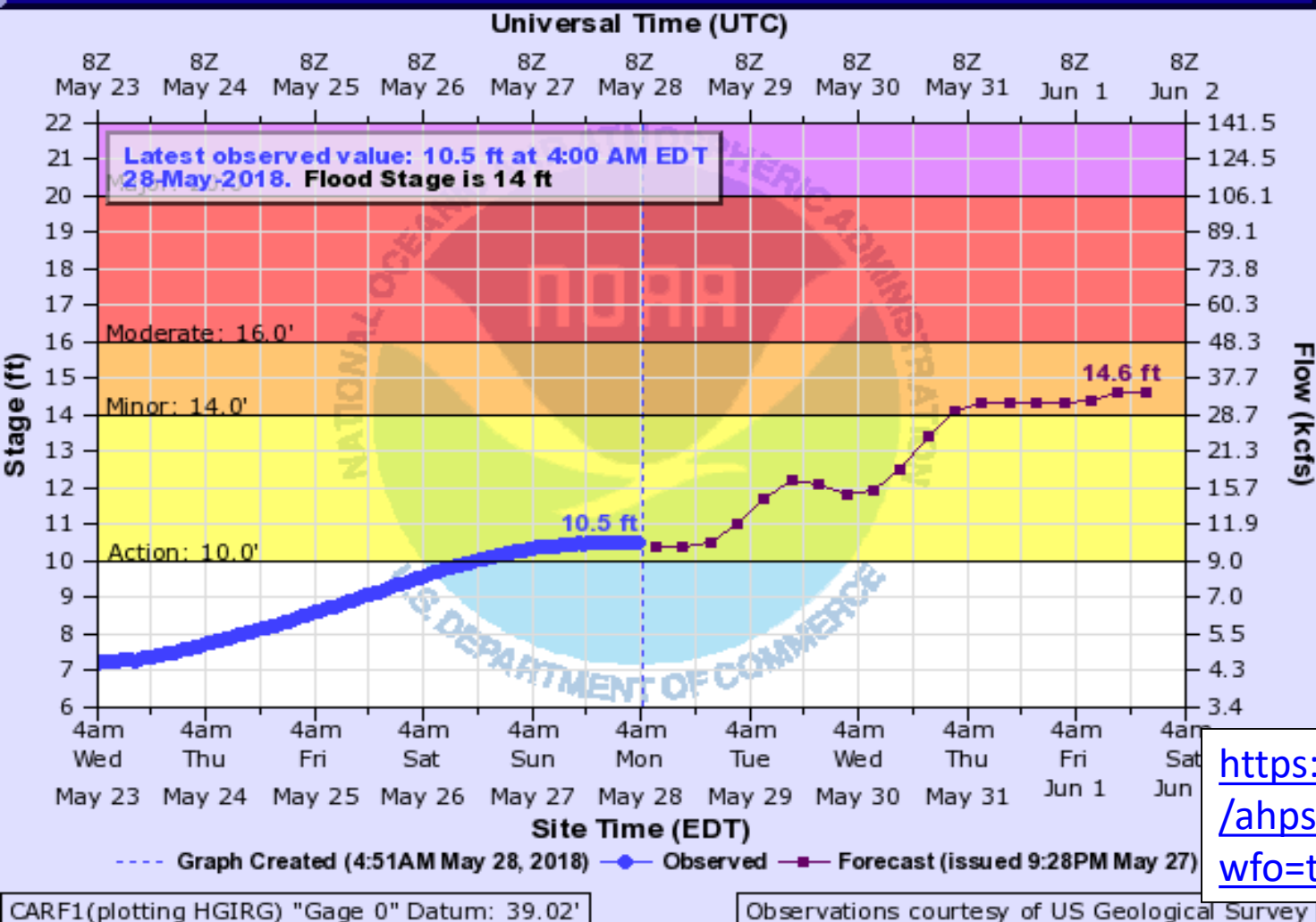
<https://water.weather.gov/ahps2/hydrograph.php?wfo=tae&gage=bruf1>

BRUF1(plotting HGIRG) "Gage 0" Datum: 0'

Observations courtesy of US Geological Survey

- 18 In Walton County, additional structures on Choctawhatchee River Road and Big Cedar Road not elevated are flooded. A few structures on McCewen Street and Carnation Road begin to flood. Flooding begins just north of SR-20 off Howell Bluff Road affecting a few residences.
- 17 In Walton County, the boat ramp at Big Cedar Road is inaccessible at this level. The boat ramp at the end of McCewen Street floods at this level. Structures not elevated on Choctawhatchee River Road and Big Cedar Road begin to flood.
- 16 Portions of Big Cedar, Cowford, and Choctawhatchee River Roads in Walton County are impassible above this level. Structures in the area not elevated begin flooding. Portions of Choctaw Road in Washington County begin to flood along with Strickland Road in the far southwestern portion of the county.
- 14 Big Cedar, Cowford, and Choctawhatchee River Roads begin to flood in Walton County. Flood waters impact storage areas underneath homes on the west banks of the Choctawhatchee River. Low areas along Strickland Road in Washington County become subject to flooding.

CHOCTAWHATCHEE RIVER AT CARYVILLE (US 90)

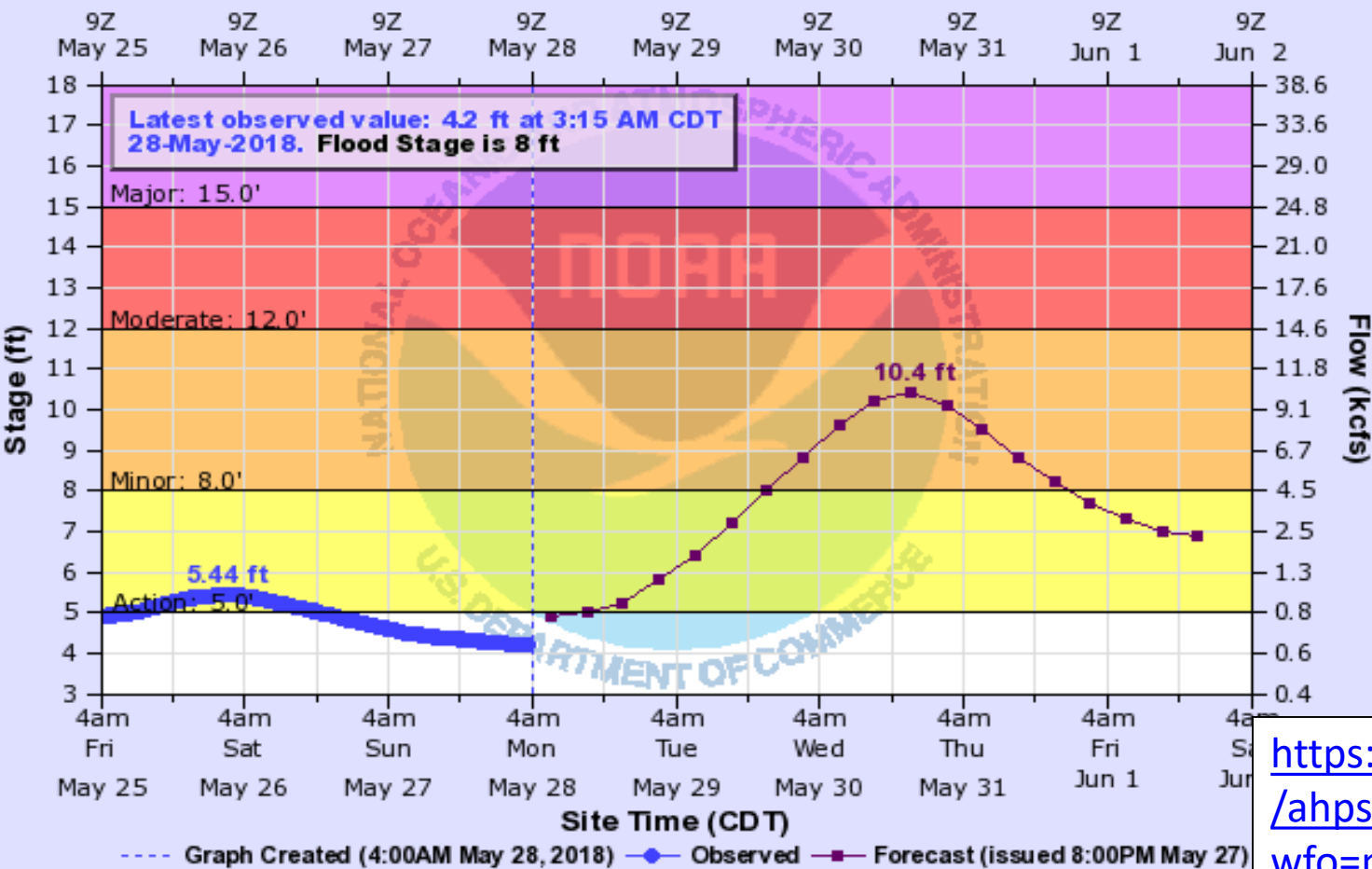


<https://water.weather.gov/ahps2/hydrograph.php?wfo=tae&gage=carf1>

- 16 Highway 279 south of Interstate 10 begins to flood in Washington County. Several rural roads in the area will also flood.
- 15 In Holmes County, water begins to flood areas off Buck Rodgers Road east of CR-179A in Holmes County. Access to several of the fish camps become inaccessible above this level.
- 14 In Holmes County, Boat Ramp Road south of CR-179 will flood. Access to several of the fish camps off Boat Ramp Road may become inaccessible above this level.
- 12 Extensive lowland flooding will occur.

SHOAL RIVER NEAR CRESTVIEW

Universal Time (UTC)



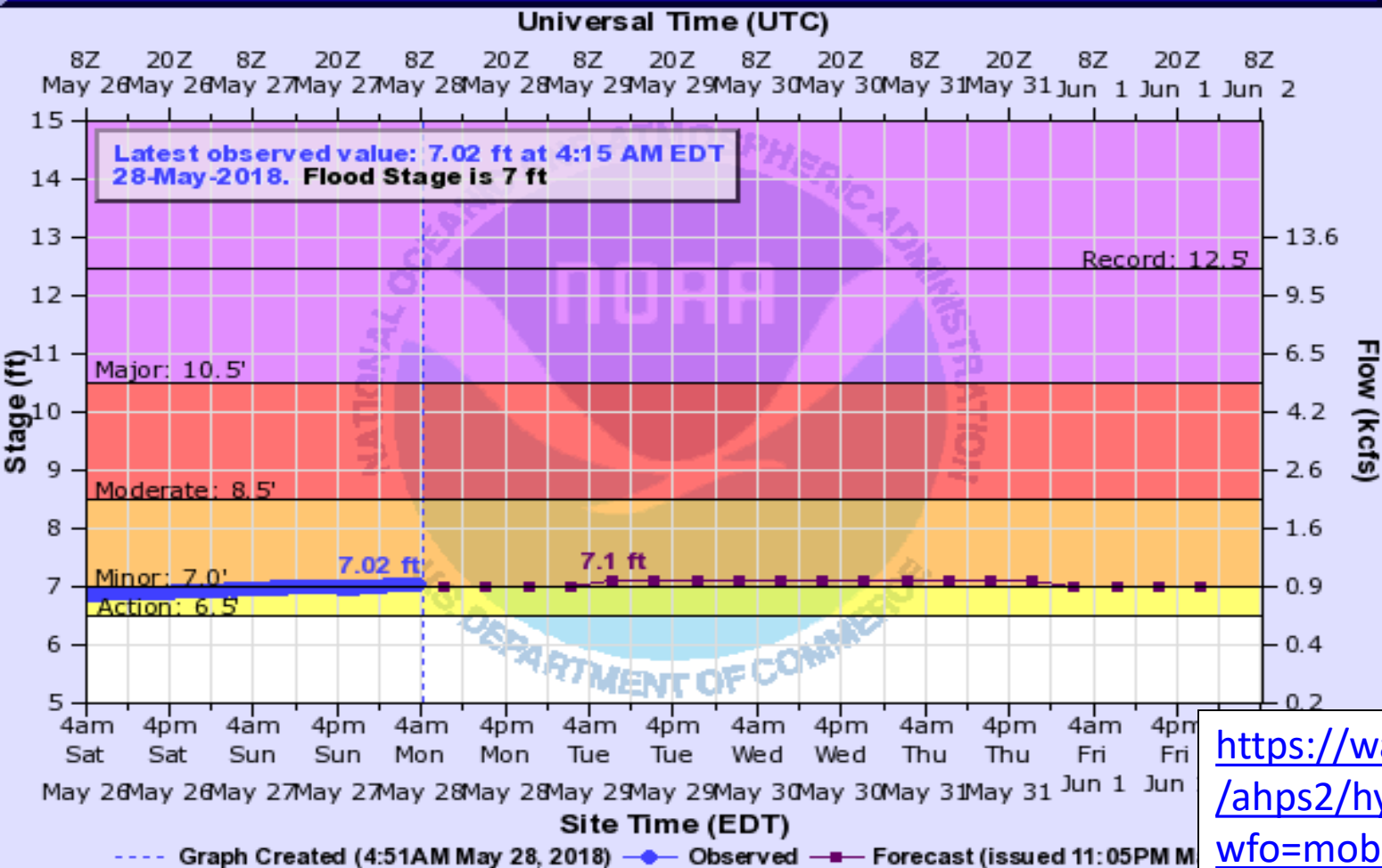
<https://water.weather.gov/ahps2/hydrograph.php?wfo=mob&gage=crvf1>

CRVF1(plotting HGIRG) "Gage 0" Datum: 47.21'

Observations courtesy of US Geological Survey

- 12 Residential areas on the south bank of river near Crestview become isolated. Rattlesnake Bluff Road closed.
- 11 Flooding becomes a threat to the Trevor Court and Rattlesnake Bluff areas.
- 10 Some flooding of trailers north of the Okaloosa Correctional Institute. Water surrounds home on Sowel Road.
- 8.5 Water in yards on Sowel Road.
- 8 Minor flooding of low lying areas.

MYAKKA RIVER (FL) AT MYAKKA RIVER STATE PARK



<https://water.weather.gov/ahps2/hydrograph.php?wfo=mob&gage=ctyf1>

MKCF1(plotting HGIRG) "Gage 0" Datum: 7.92'

Observations courtesy of US Geological Survey

- 19 Low lying pasture will flood. Cattle should be moved to higher ground.
- 17 Considerable flooding of lowlands.
- 13 Minor overflow of lowlands in the area.

Summary

- At 5am EDT Monday, the center of Sub-Tropical Storm Alberto was located 125 miles south of Destin, Florida.
- Maximum sustained winds increased to 65 mph last night and Alberto is moving northwest around 7 mph. A north-northwestward motion is expected to continue up through landfall of the system this afternoon.
- On the forecast track, the center of Alberto will move into the central Panhandle sometime this afternoon. With the slowing speed of Alberto, there is still some disagreement on when exactly the system makes landfall.
- Alberto is expected to remain at its current intensity up through landfall. Dry air being entrained into the system has been the main factor in limiting development. After landfall, gradual weakening is expected.

Florida Outlook:

- Heavy rainfall and tropical storm conditions will likely reach the Panhandle later this morning.
- Alberto will linger across southern Alabama tomorrow keeping the heavy rain threat across the Panhandle.
- **Tropical Storm Warnings** are in effect for all coastal and inland locations in the Panhandle west of the Apalachicola River. In the Big Bend, warnings remain in effect for all of Liberty and Franklin counties, as well as coastal portions of Wakulla, Jefferson, Taylor and Dixie Counties.
- Water levels from Cedar Key to Pensacola are running 1-2' above normal tide this morning and may rise a little more today due to onshore winds. A **Storm Surge Watch** extends along the Panhandle Coast from the Santa Rosa County east to Dixie County due to possible peak surge values of 2-4 feet today.
- **Flash Flood Watches** remain in effect for all Panhandle and western Big Bend counties. **Areal Flood Watches** continue for South Florida and the Treasure Coast and Space Coast.
- Widespread rainfall amounts of 2-5" are expected in the Panhandle and Big Bend today, with locally higher amounts of 6-10" possible.
- Widespread 0.5-2" of rain is expected across the rest of the state, with locally higher amounts in Southeast Florida.
- River Flood Warnings have been issued for parts of the Myakka River, Choctawhatchee River, Shoal River, and Escambia River.
- Increased wave heights are also expected to continue and will lead to a high risk of rip currents at most Florida beaches for at least the next few days.
- There is a marginal risk (level 1 of 5) of tornadoes for much of North Florida today. A damaging wind gust in any strong thunderstorms this afternoon can't be ruled out across the rest of the state.

Another briefing packet will be issued Monday 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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