



TROPICAL UPDATE



10 AM EDT

Friday, October 18, 2019

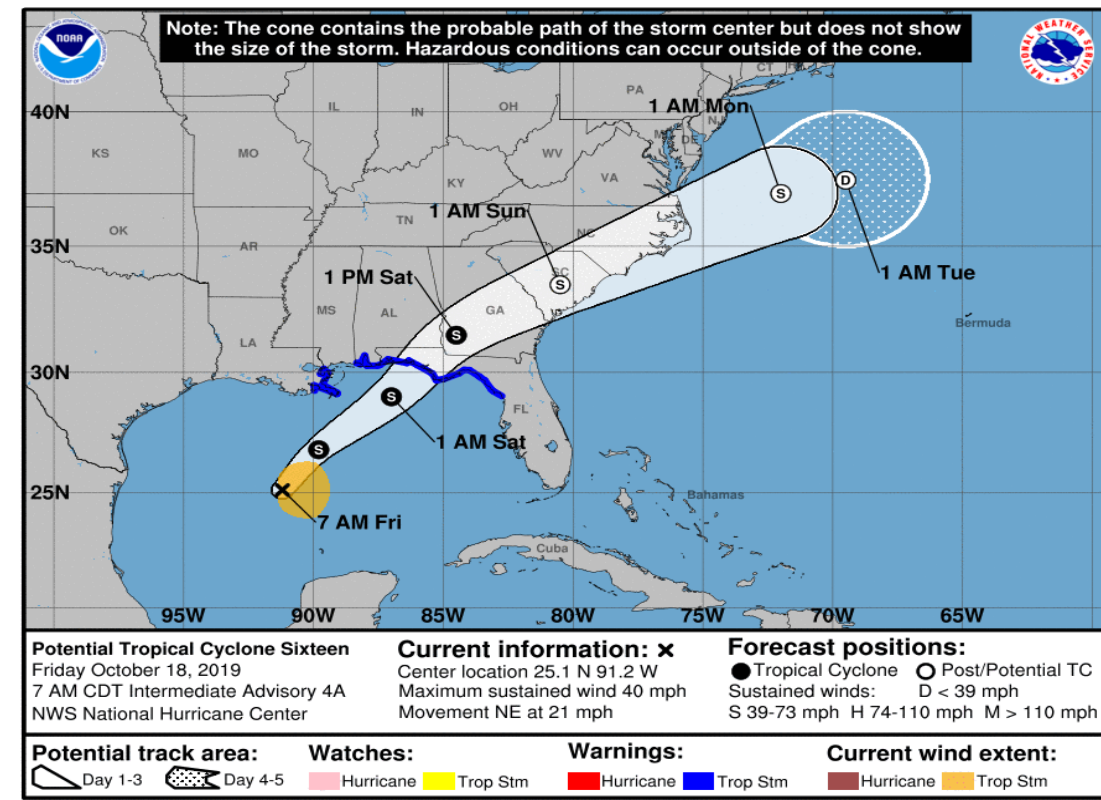
Potential Tropical Cyclone #16

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.hurricanes.gov.

	MINIMAL	Low	MODERATE	HIGH	EXTREME
 WINDS					
 STORM SURGE					
 FLASH FLOODING					
 TORNADOES					

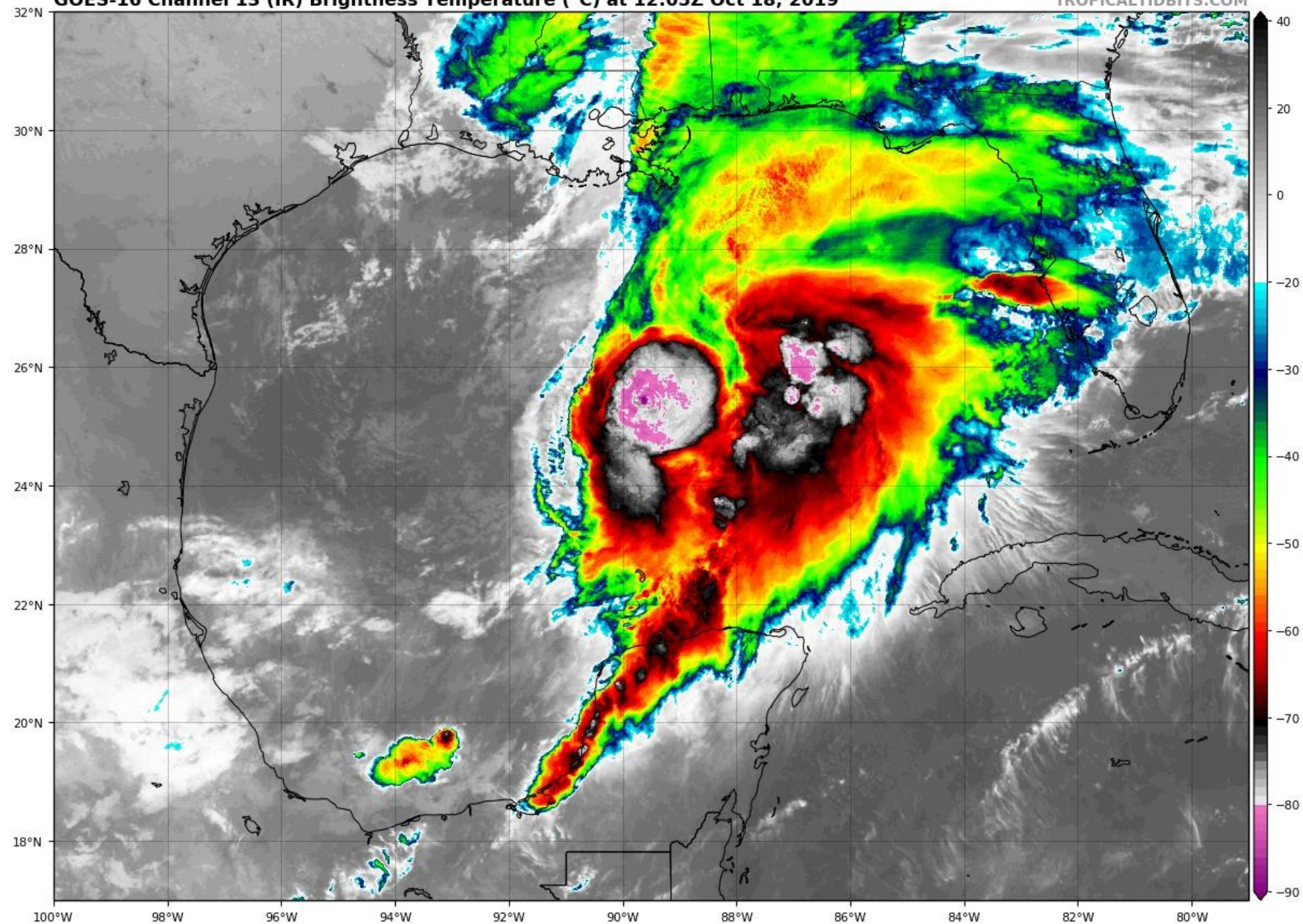
	Low	MODERATE	HIGH
 RIP CURRENTS			

National Hurricane Center Map

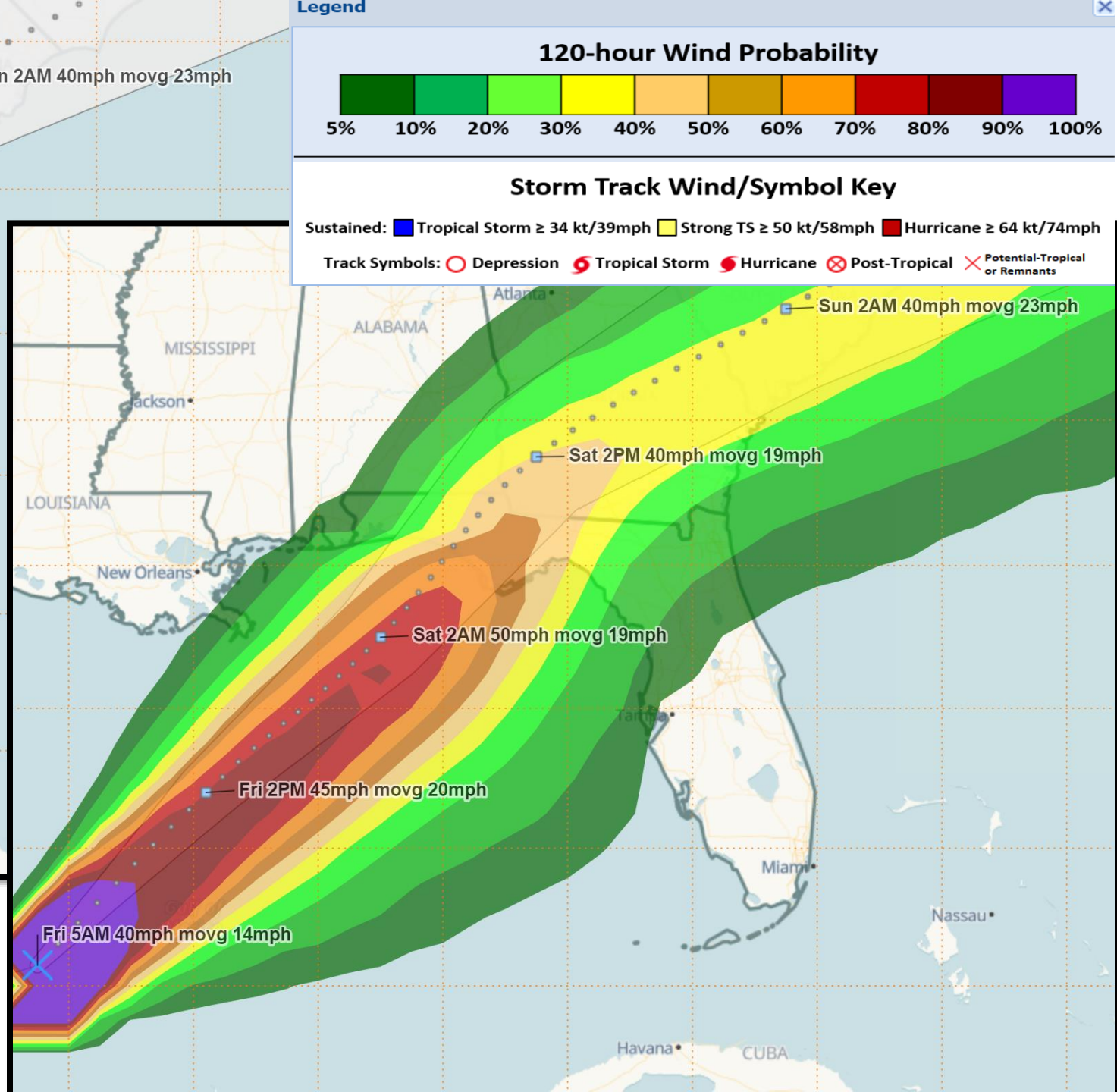
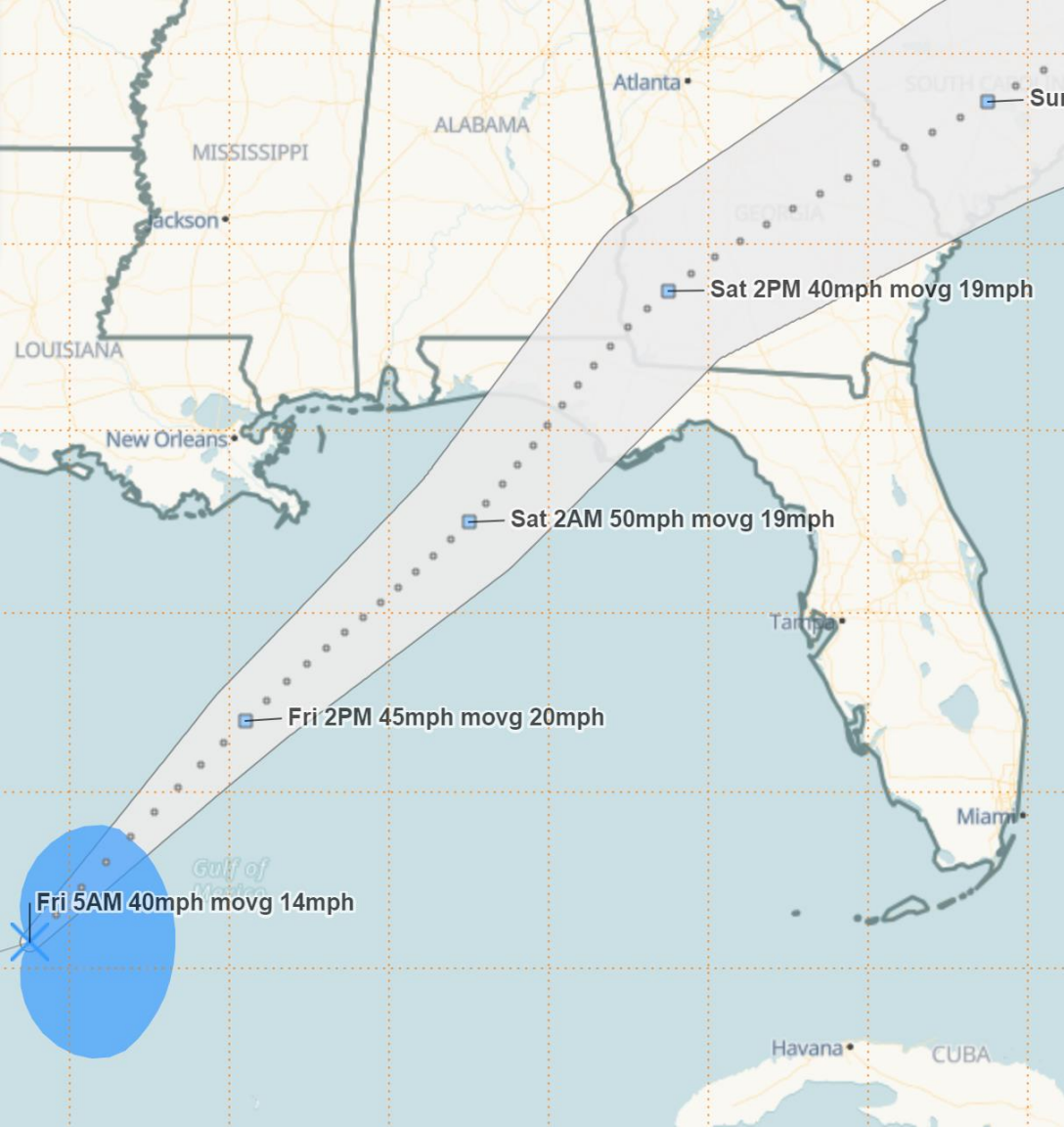


Changes This Morning:

- Tropical Storm Warnings expanded along the Big Bend and Nature Coast.
- Impacts to begin along the Gulf Coast later today.
- Primary concern is coastal flooding, but flash flooding, gusty winds, and tornadoes all possible.

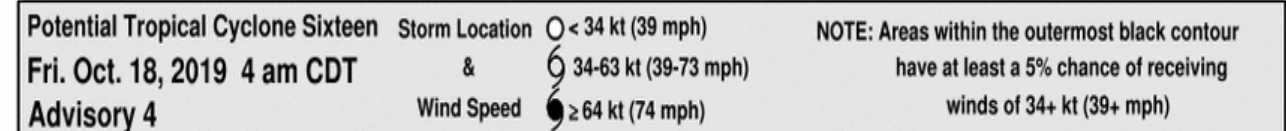
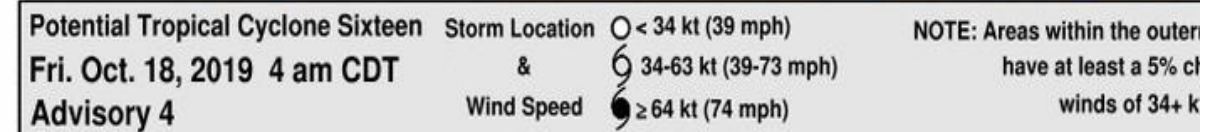


PTC #16 still does not yet have a defined center of circulation. However, storms are starting to converge and trying to form a consolidated center or circulation. Winds in these storm clusters are already at tropical storm force, so if trends continue this morning, PTC #16 would be upgraded to Sub-Tropical or Tropical Storm Nestor.

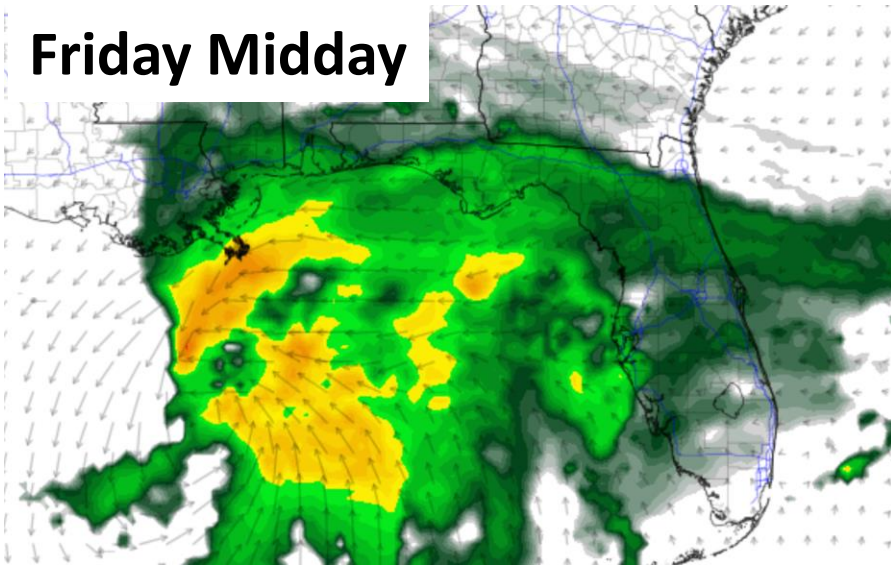




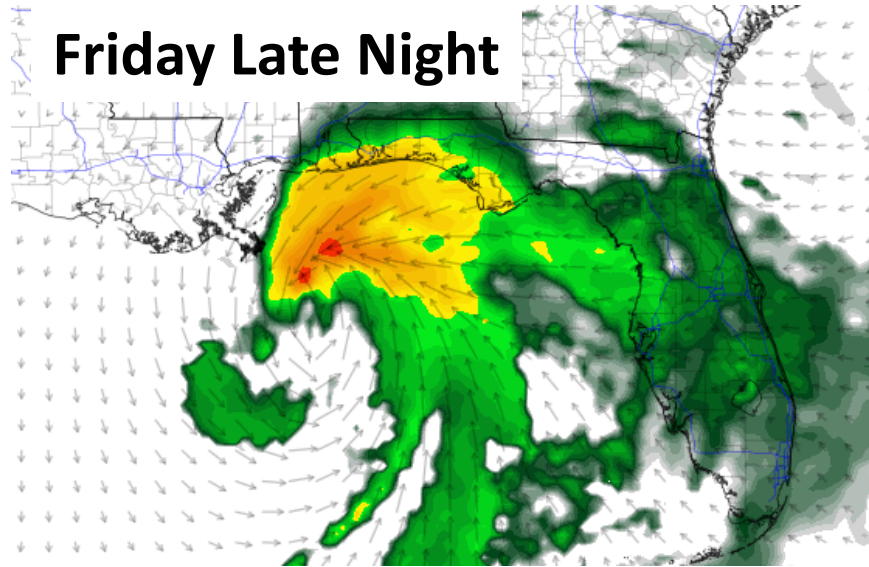
Tropical Storm Warning
Tropical storm conditions expected
within 36 hours.



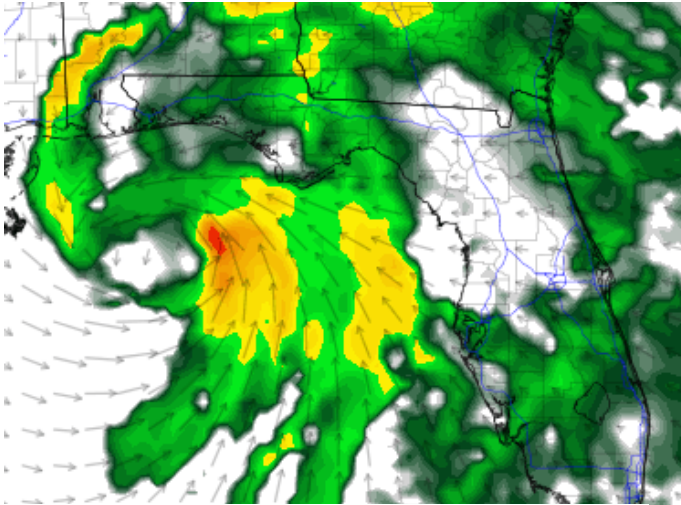
Friday MIDDAY



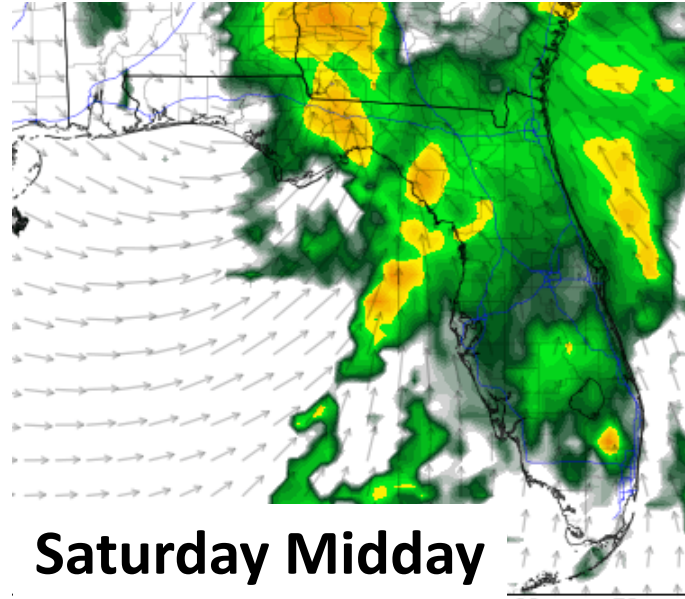
Friday Late Night



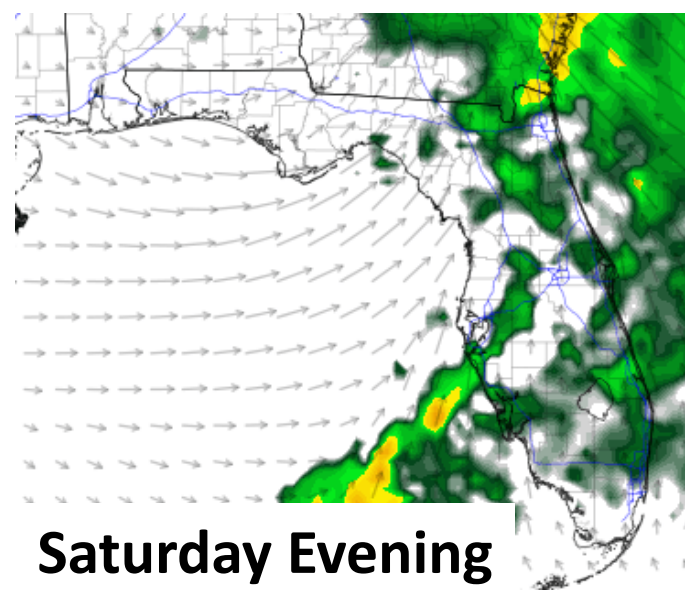
Model Simulated Radar Friday & Saturday



Early Saturday Morning



Saturday MIDDAY

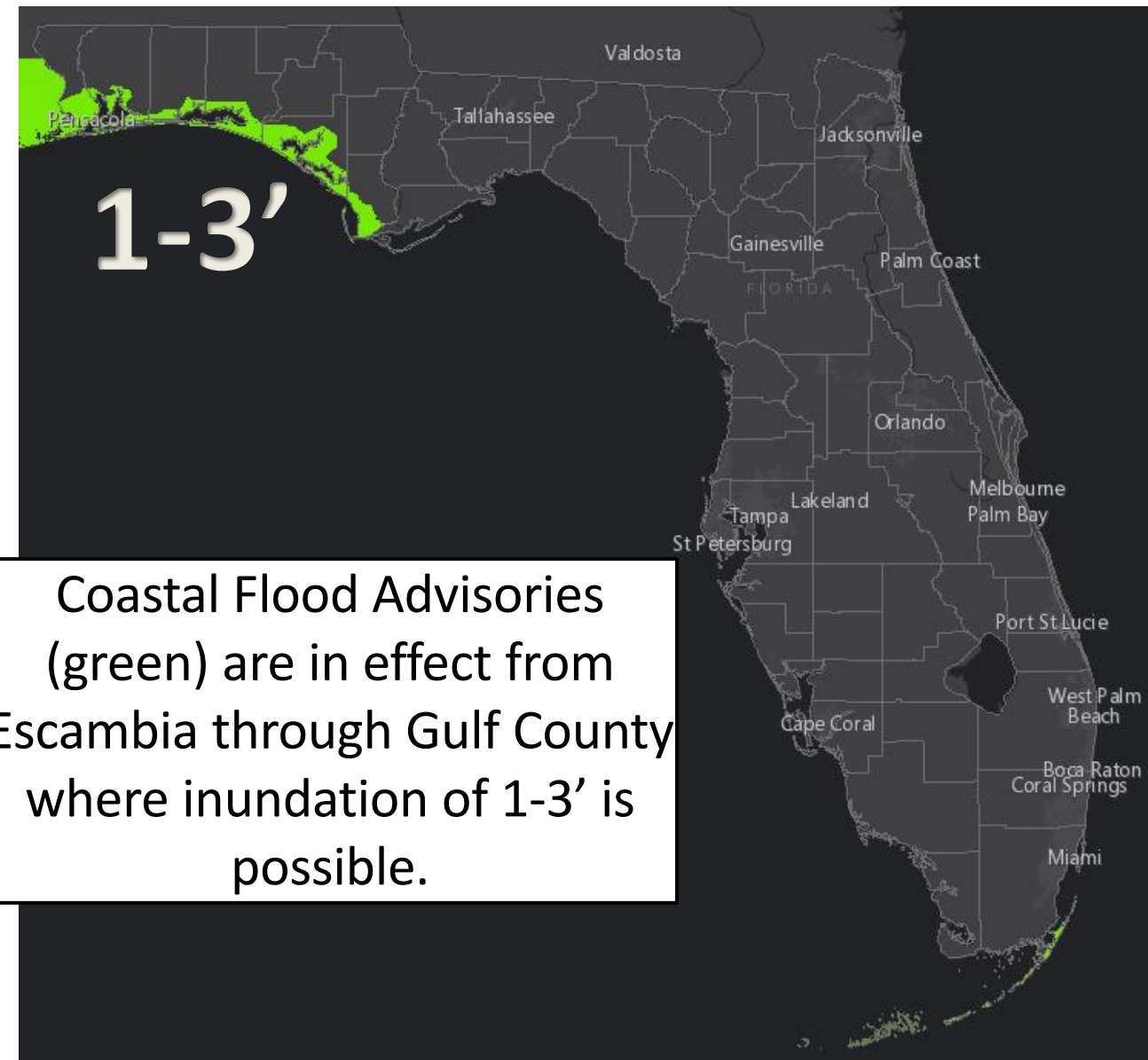


Saturday Evening

Showers are beginning to move onshore in North Florida and the West Coast. Move rain bands will continue to move onshore through the day, with heavier rain arriving overnight tonight into Saturday. Most of the rain will end by Saturday evening.

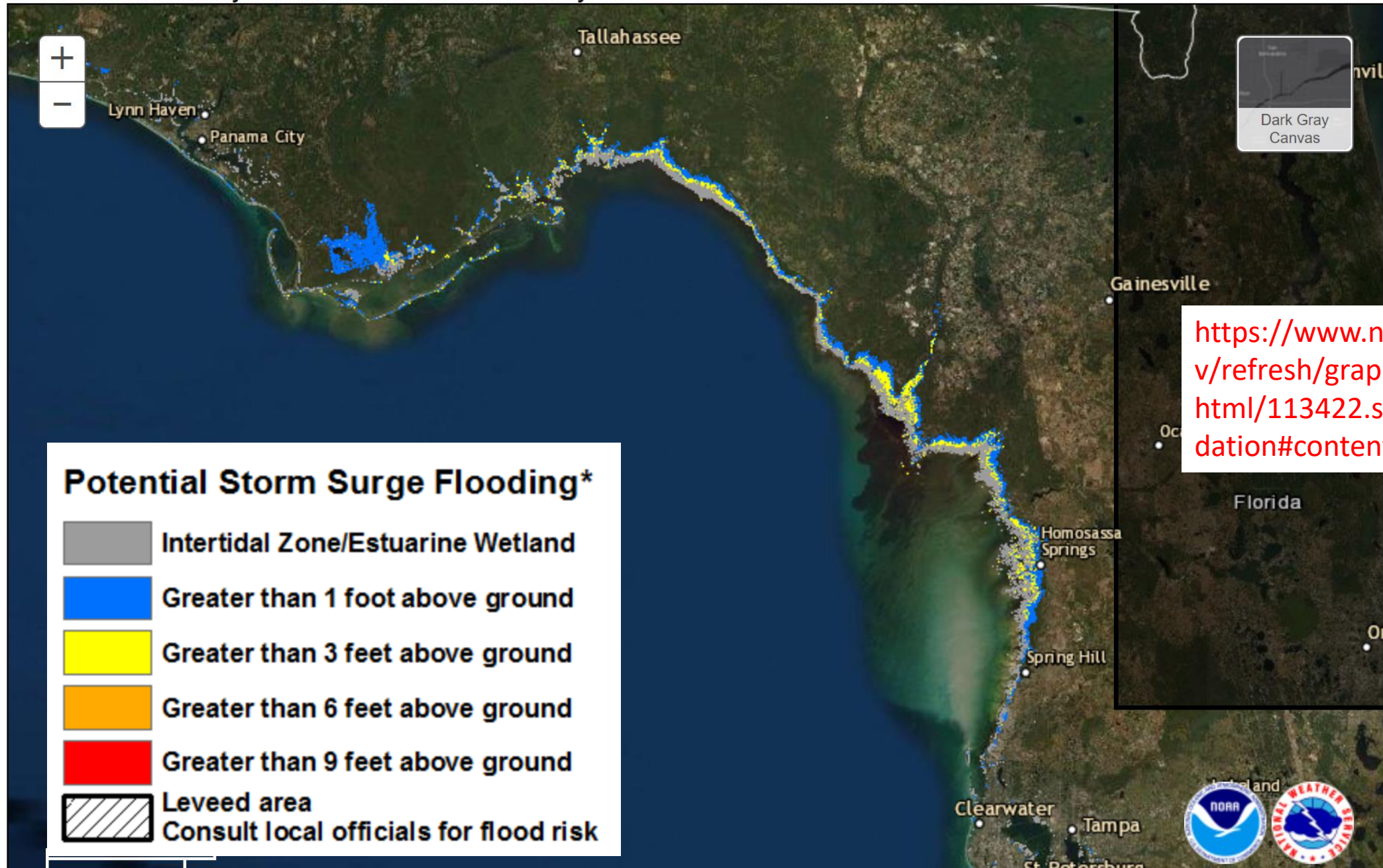


Storm Surge Warnings now in effect from Indian Pass to Clearwater Beach. 3-5' of inundation is possible from Indian Pass to Chassahowitzka. 2-4' of inundation is possible from Chassahowitzka to Clearwater.



Coastal Flood Advisories (green) are in effect from Escambia through Gulf County where inundation of 1-3' is possible.

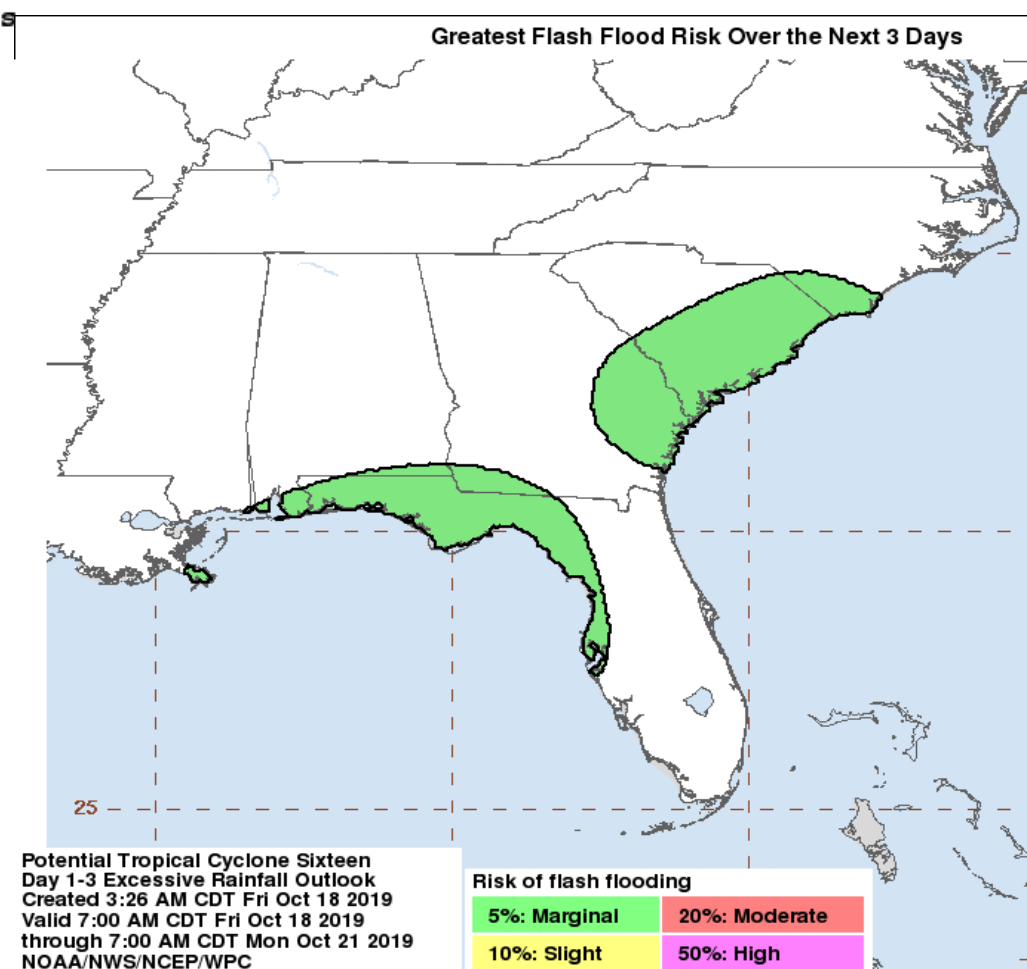
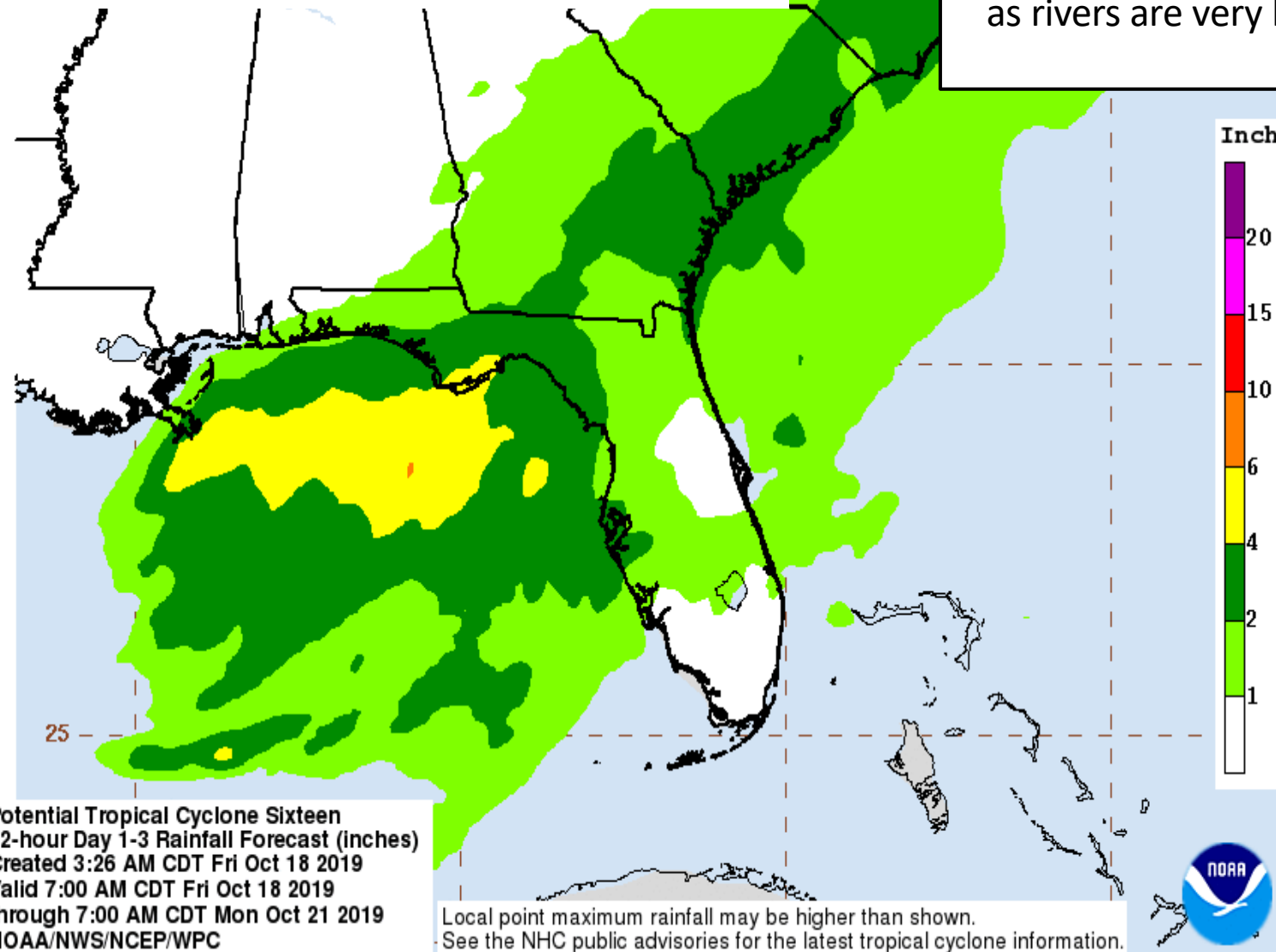
NHC Potential Storm Surge Flooding Map
Potential Tropical Cyclone SIXTEEN (2019) Advisory 04
From 04 AM CDT Friday October 18 to 04 AM CDT Tuesday October 22



https://www.nhc.noaa.gov/refresh/graphics_at1+html/113422.shtml?inundation#contents

Forecast Rainfall Totals and Flash Flood Risk Next 3 Days

Due to the fast forward movement of the system, widespread rainfall totals over the next 72 hours are forecast to be in the 1-3" range across most of North Florida with locally higher amounts of 4-6" possible near the Panhandle and Big Bend coast. Most Peninsula areas should see about 1-2". This will not be enough to cause river flooding across the Panhandle as rivers are very low, but heavy rain rates in short time periods could result in some flash flooding.

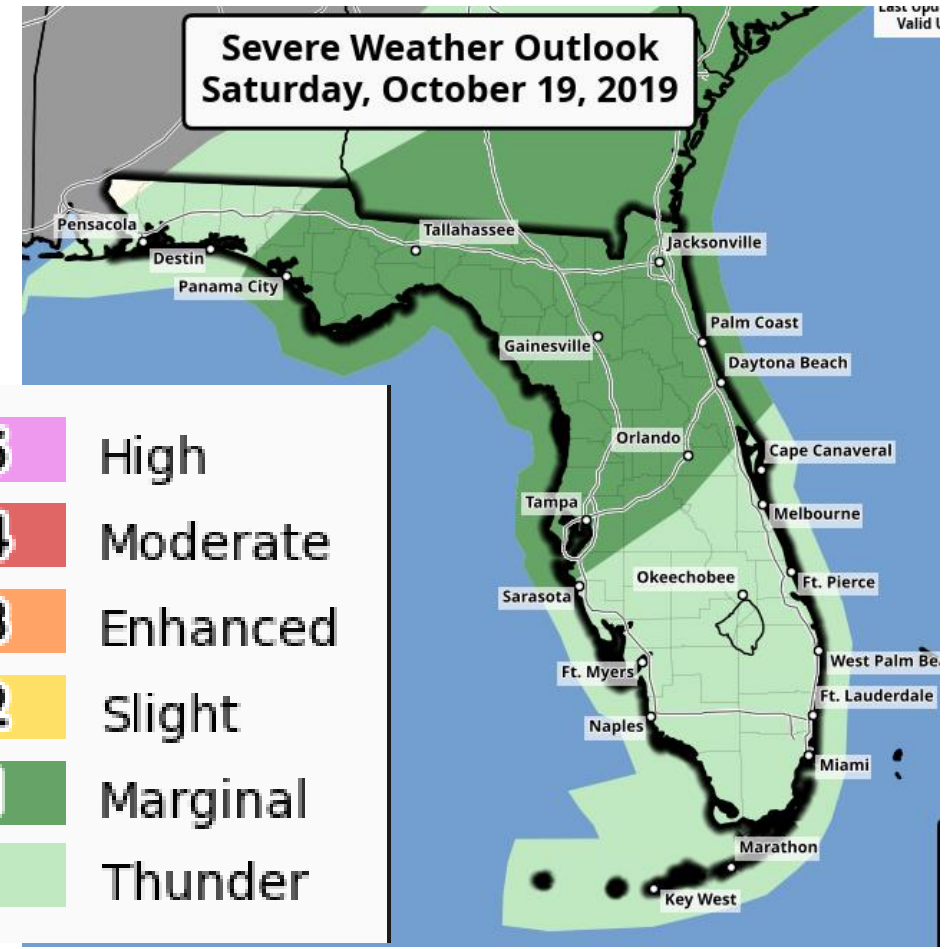
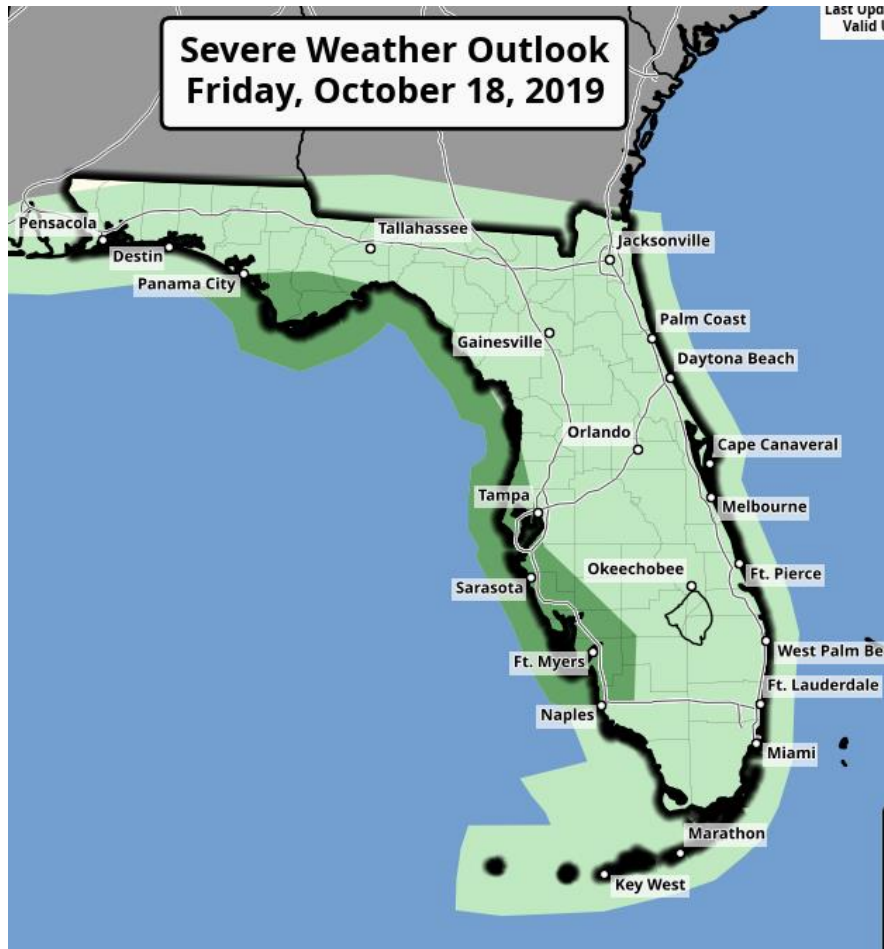


Severe Weather Risks Friday & Saturday

**1 - MARGINAL
(MRGL)**

**Isolated severe
thunderstorms
possible**

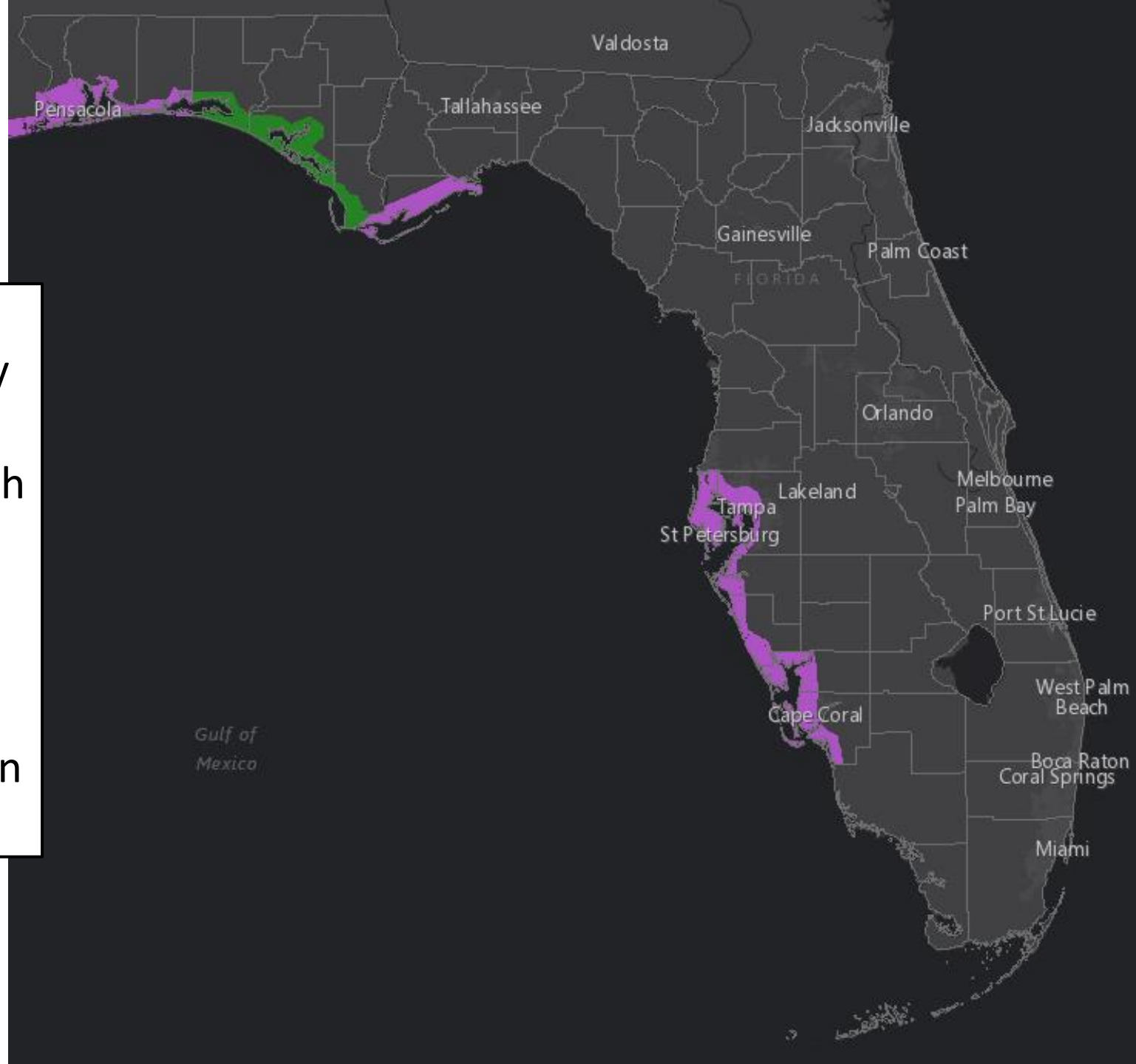
Limited in duration
and/or coverage
and/or intensity

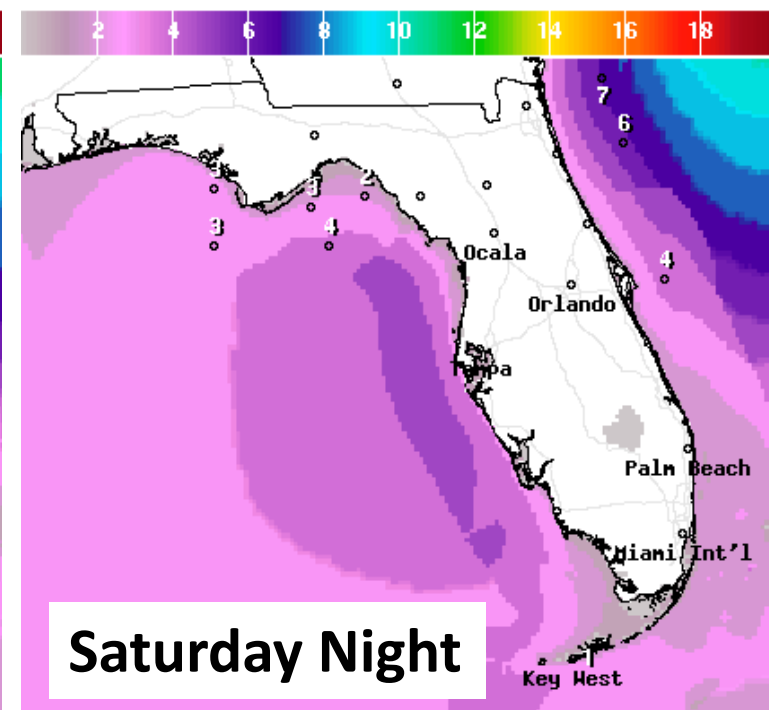
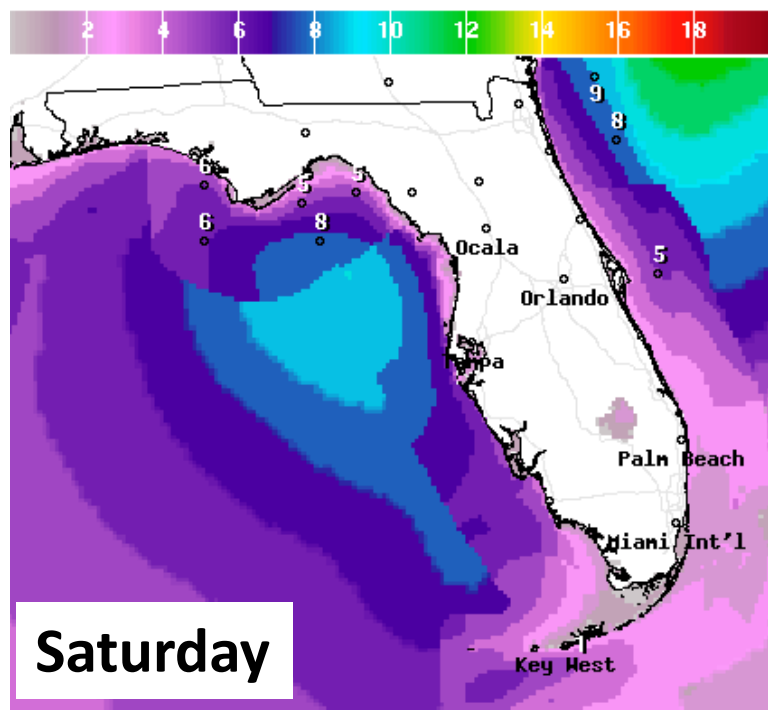
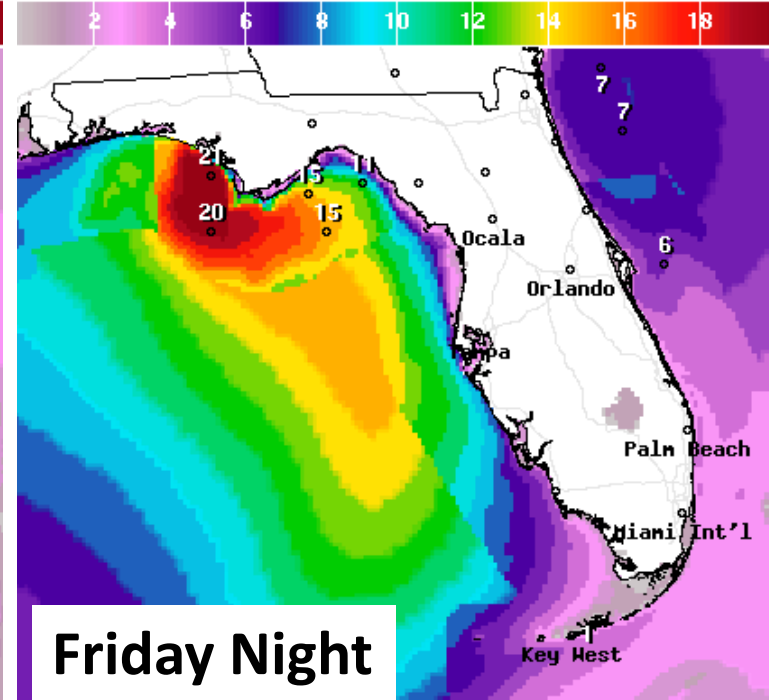
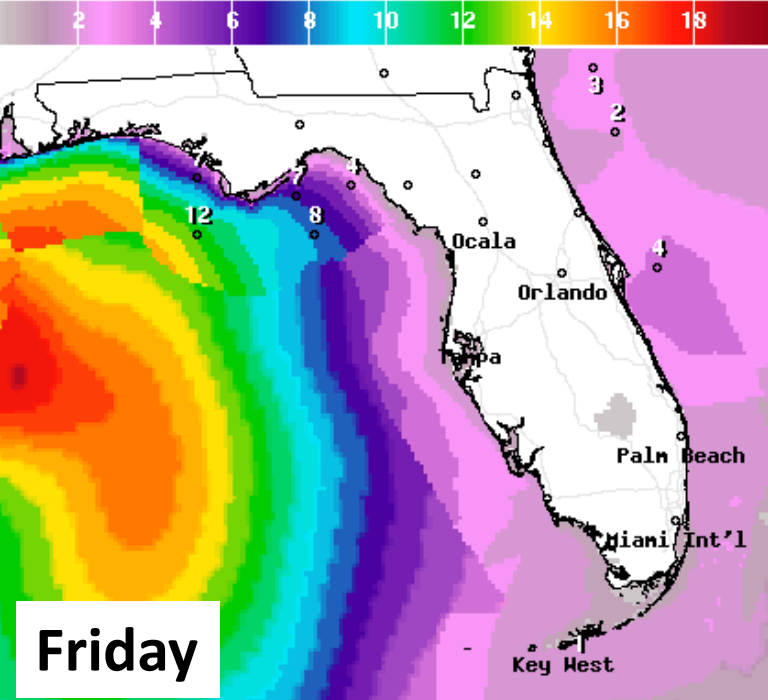


5	High
4	Moderate
3	Enhanced
2	Slight
1	Marginal
	Thunder

Isolated tornadoes will be possible in some of the bands associated with Potential Tropical Cyclone #16. The Storm Prediction Center has outlined the immediate coastal areas of the eastern Panhandle, Big Bend and West Central Florida in a Marginal Risk of severe weather (level 1 of 5) on Friday. This risk expands to include much of North and Central Florida on Saturday.

High Surf Warnings are in effect for beaches from Walton to Gulf County where breaking waves of 10-15' (possibly up to 20') are expected. High Surf Advisories are in effect from Escambia through Okaloosa County, Franklin County, and Pinellas and Hillsborough Counties through Lee County. Waves of 5-10' are possible in those areas.





Forecast Wave Heights Friday & Saturday

Waves will build as PTC #16 approaches the state. Dangerous rip currents and some beach erosion are likely with these high breaking waves through at least Saturday.

Summary

Potential Tropical Cyclone #16

- As of 8 AM EDT, PTC #16 was located about 530 miles southwest of Pensacola, moving northeast at 21 mph. This general motion will continue today into Saturday.
- It does not yet have a defined center of circulation, but it is getting better organized and should be upgraded today to Sub-Tropical Storm or Tropical Storm Nestor.
- Maximum sustained winds are near 40 mph. Gradual strengthening is forecast up until landfall.
- Landfall is likely on Saturday in the Florida Panhandle, but impacts could begin on later today and could affect much of North and Central Florida.
- PTC #16 is forecast to move quickly into Georgia, South Carolina and North Carolina on Saturday.

Florida Outlook:

- Tropical Storm Warnings are in effect for Escambia, Santa Rosa, Okaloosa, Walton, Holmes, Washington, Bay, Jackson, Calhoun, Gulf, Gadsden, Liberty, Franklin, Leon, Wakulla, Jefferson, Madison, Taylor, Lafayette, and coastal Levy Counties.
- Storm Surge Warnings are now in effect from Indian Pass to Clearwater Beach.
- Storm surge of 3-5' is possible from Indian Pass to Chassahowitzka and 2-4' is possible from Chassahowitzka to Clearwater Beach.
- Some rain is already beginning near the coast in North Florida and the West Coast, and will spread inland through the day into tonight.
- The main rain and wind impacts will be Friday night through Saturday afternoon.
- Rainfall totals of 1-3" with localized higher amounts of 4-6" are possible in North Florida with totals of 1-2" in Central Florida.
- There is a Marginal Risk of severe weather for the coastal Big Bend and along the West Coast southward to Naples for today, and a Marginal Risk for the eastern Panhandle, Big Bend, and the Peninsula north of I-4 for Saturday. Isolated tornadoes will be possible in the bands of PTC #16.
- Waves are building today into Saturday as PTC #16 approaches. Dangerous rip currents and some beach erosion are likely along the Panhandle and West Coast.

The next tropics packet will be issued Friday afternoon. For the latest information on the tropics, please visit the National Hurricane Center website at www.hurricanes.gov.



TROPICAL UPDATE



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