



# TROPICAL UPDATE



11:00 AM EDT

Tuesday, June 2, 2020

Tropical Depression Three

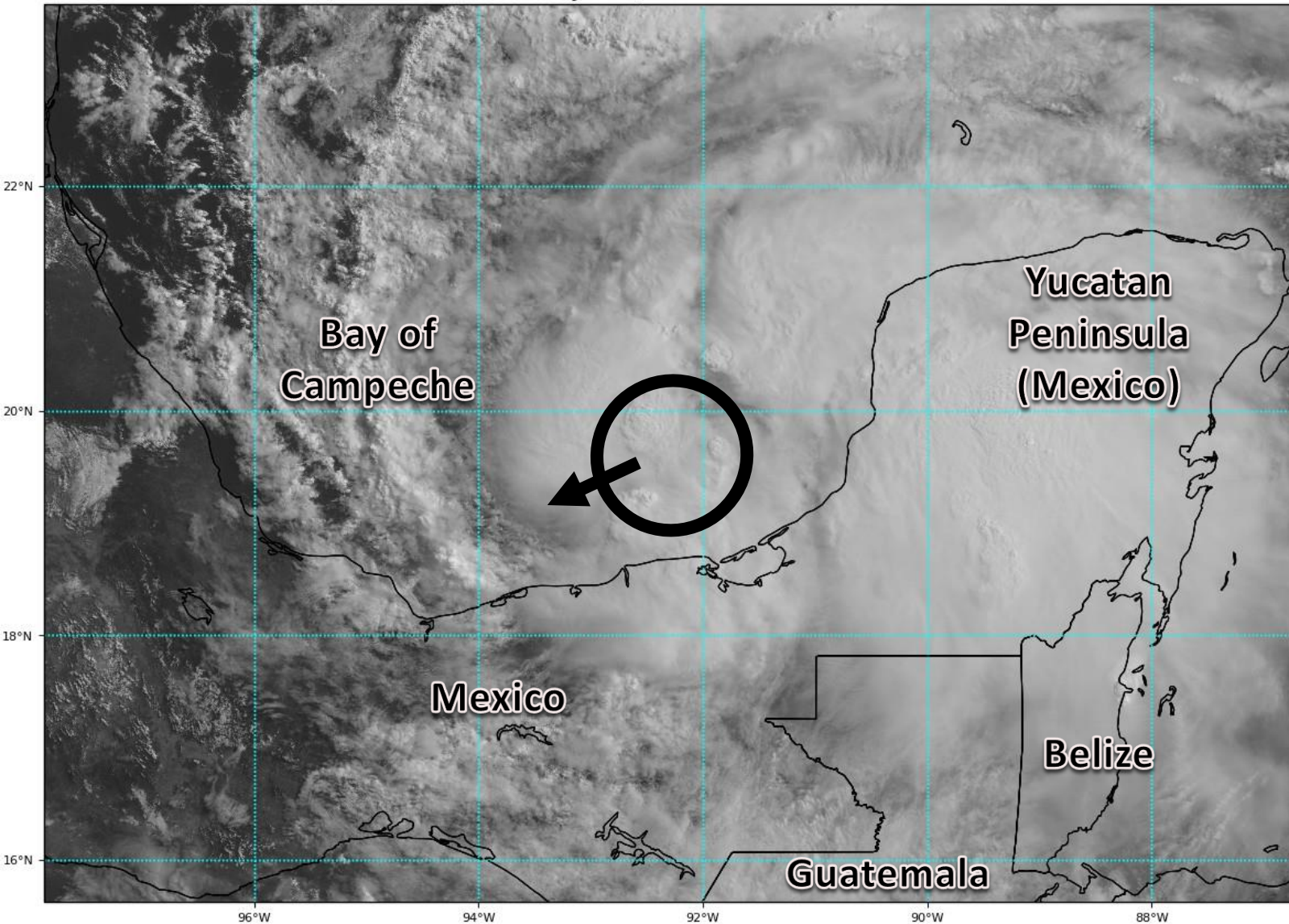
This update is intended for government and emergency response officials, and is provided for informational and situational awareness purposes only. Forecast conditions are subject to change based on a variety of environmental factors. For additional information, or for any life safety concerns with an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

# Atlantic Basin Satellite Image

Chance of development: — None    — Low    — Medium    — High







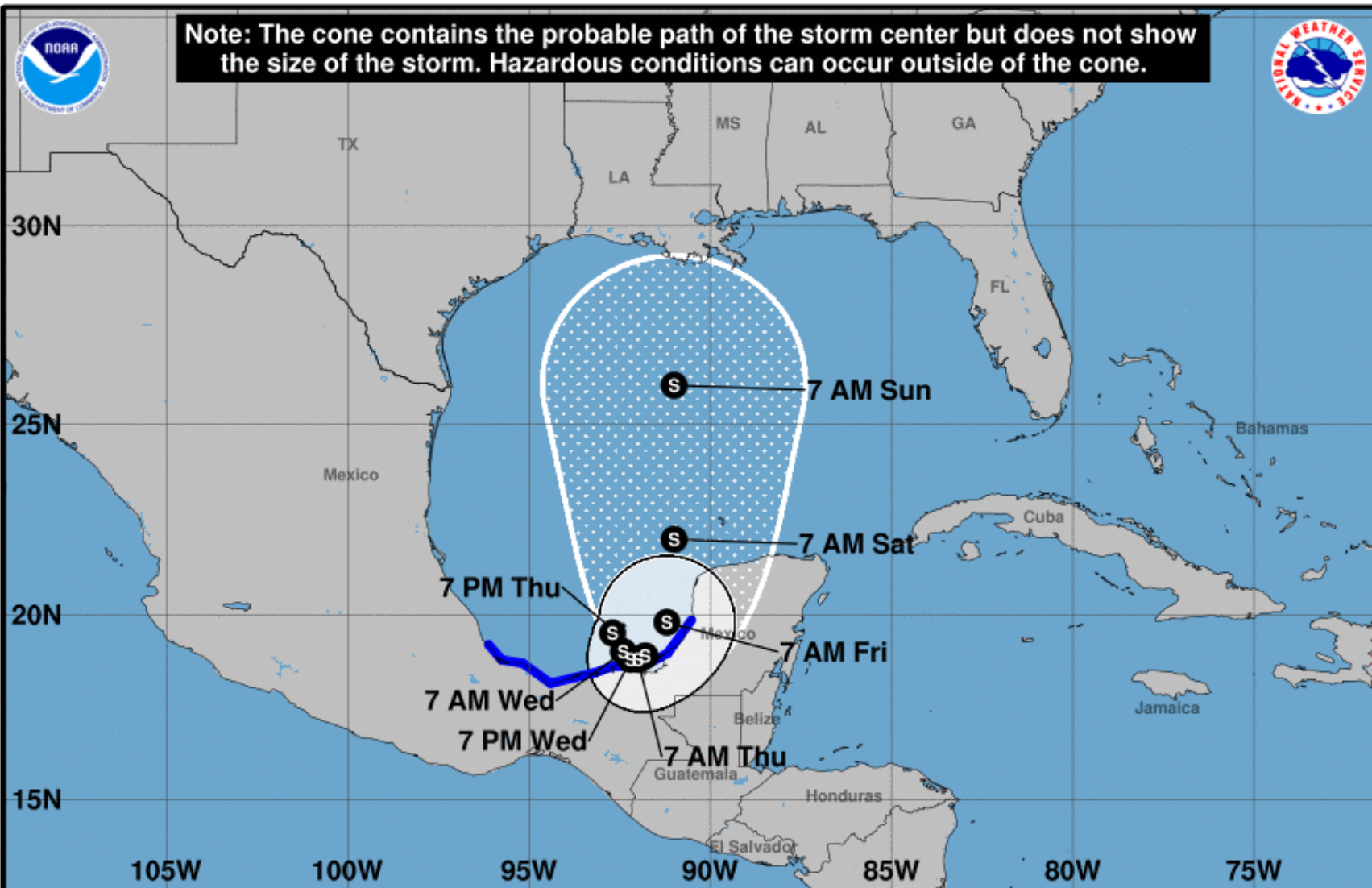
## Visible Satellite Imagery: Tropical Depression Three

The center of the system (black circle) remains over water and is slowly drifting to the west at 3 mph.

The system continues to organize with thunderstorms attempting to wrap entirely around the center. It is a little asymmetrical with a large cluster of thunderstorms over the Yucatan Peninsula.



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.



## Projected Path: Tropical Depression Three

- The center of Tropical Depression Three is located about 140 miles west of Campeche, Mexico, or about 800 miles southwest of Key West, FL.
- Maximum sustained winds are at 35 mph.
- The system will meander over the Bay of Campeche for the next couple of days (possible making landfall over Mexico) before turning northward this weekend.
- On Sunday or Monday, the system is likely to be approaching the northern Gulf Coast.

### Tropical Depression Three

Tuesday June 02, 2020

10 AM CDT Advisory 4

NWS National Hurricane Center

### Current information: x

Center location 19.5 N 92.6 W

Maximum sustained wind 35 mph

Movement W at 3 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

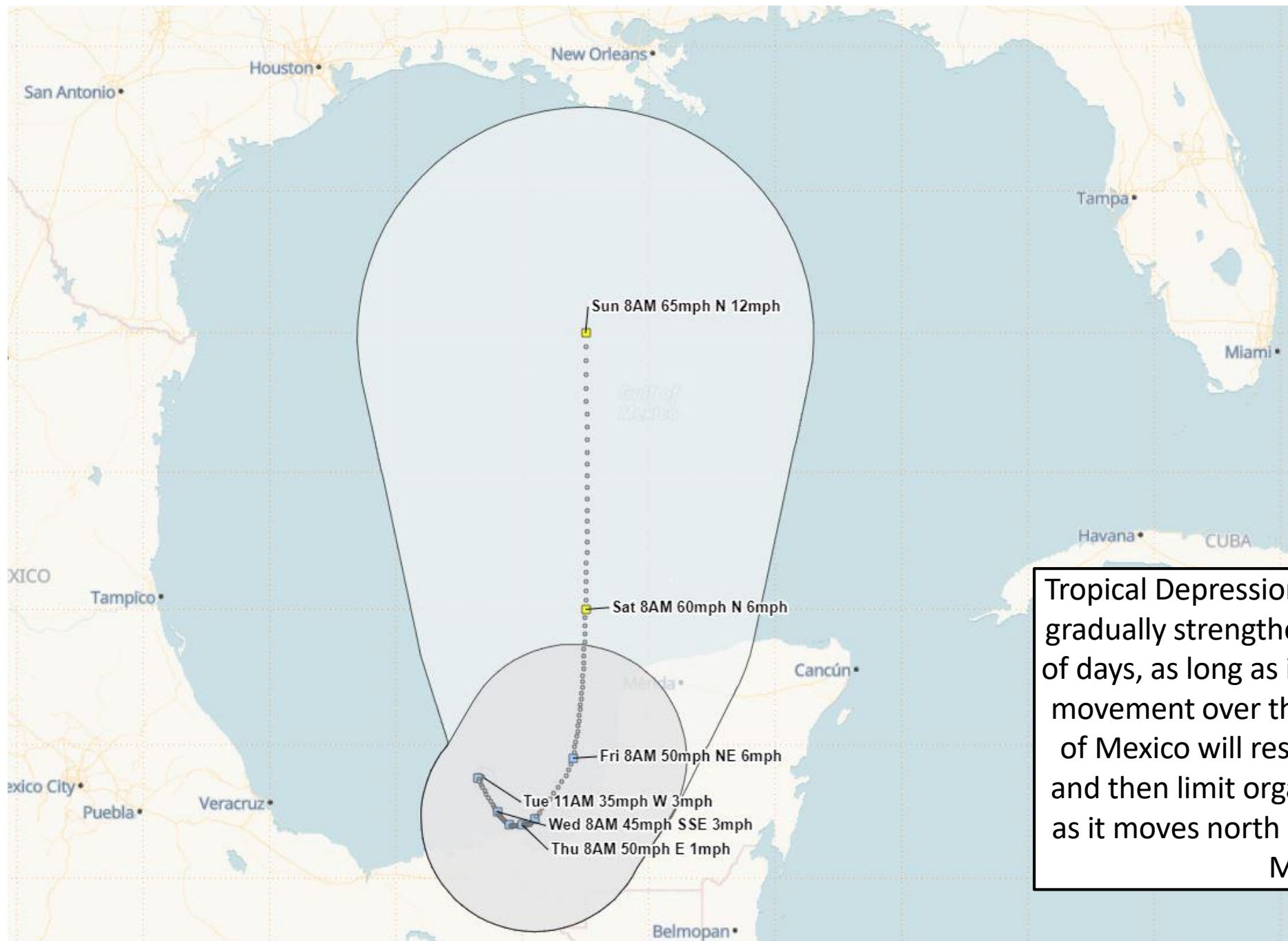
### Warnings:

Hurricane Trop Stm

### Current wind extent:

Hurricane Trop Stm

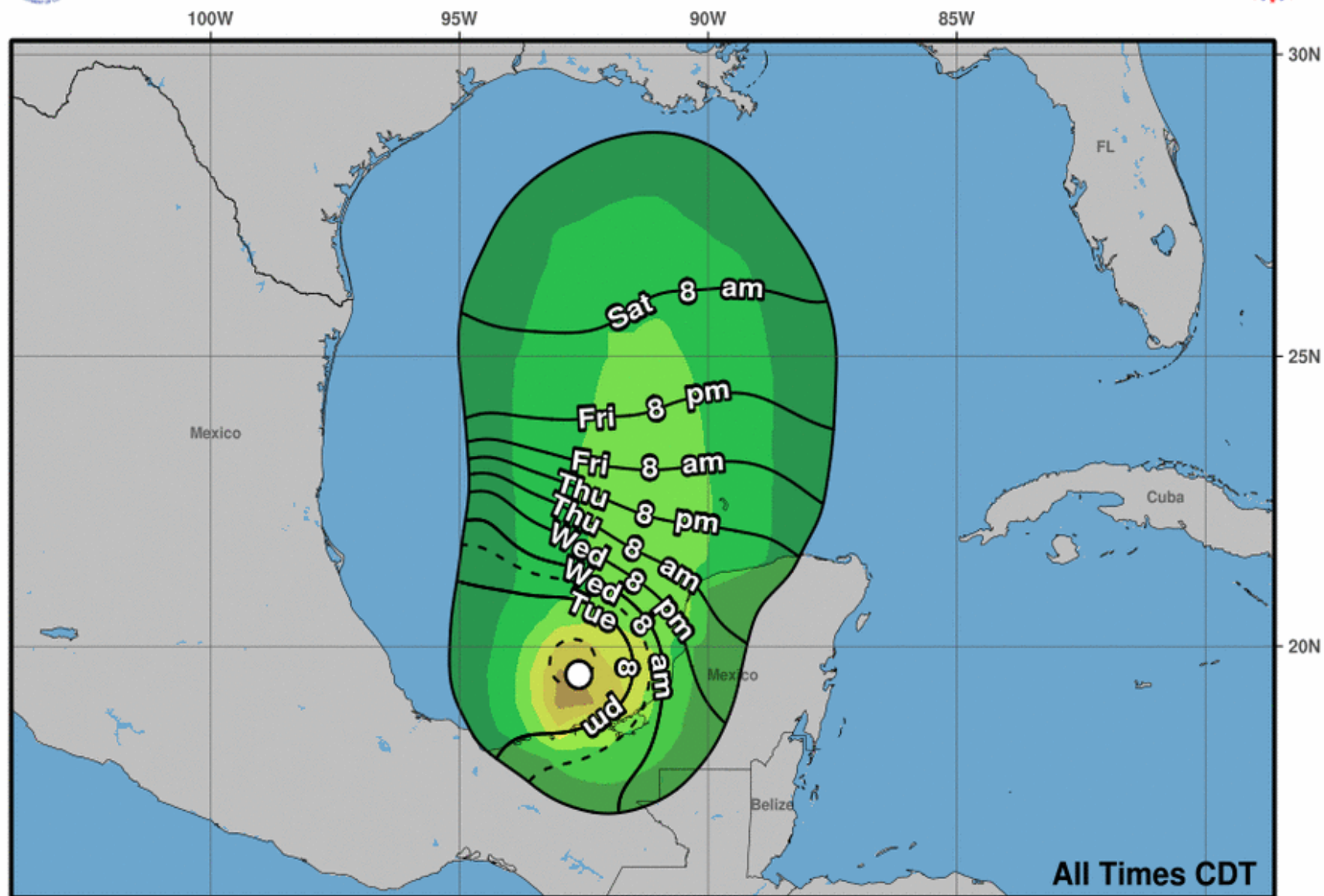




Tropical Depression Three will continue to gradually strengthen over the next couple of days, as long as it remains offshore. Any movement over the mountainous terrain of Mexico will result in rapid weakening and then limit organization of the system as it moves north into the Central Gulf of Mexico.



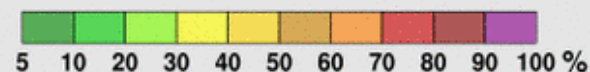
# Earliest Reasonable Arrival Time of Tropical-Storm-Force Winds



**Tropical Depression Three**  
**Tue. Jun. 2, 2020 10 am CDT**  
**Advisory 4**

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

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





# Key Messages for Tropical Depression Three

Advisory 4: 10:00 AM CDT Tue Jun 02, 2020



1. Deadly flooding has already occurred in portions of Guatemala and El Salvador, and the depression is expected to bring additional heavy rainfall to portions of southern Mexico, Guatemala, Honduras, and El Salvador, which could cause life-threatening flash flooding and mudslides. Refer to products from your local weather office for more information.

2. Tropical storm conditions are expected along the coast of Mexico where a tropical storm warning is in effect.

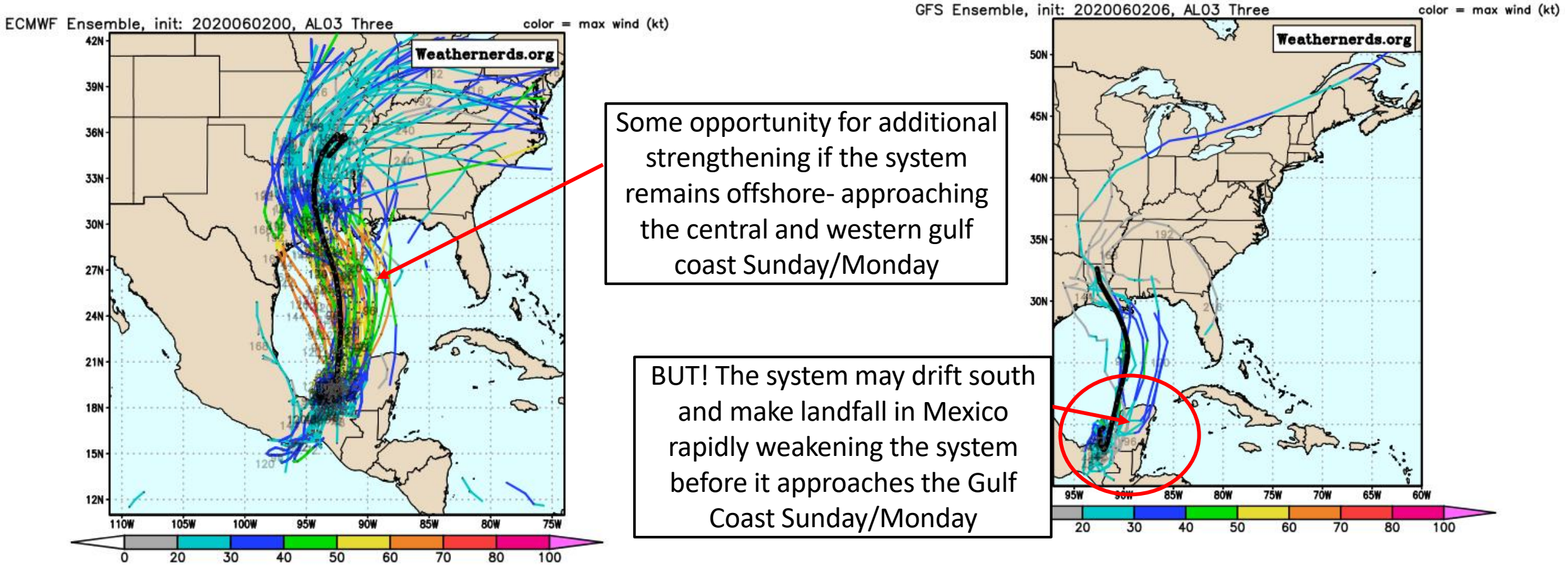
3. The system is forecast to begin moving northward across the Gulf of Mexico by this weekend. However, it is too soon to specify the location and timing of any potential impacts along the U.S. Gulf Coast. Interests in these areas should monitor the progress of this system through the week and ensure they have their hurricane plan in place as we begin the season.



For more information go to [hurricanes.gov](https://hurricanes.gov)



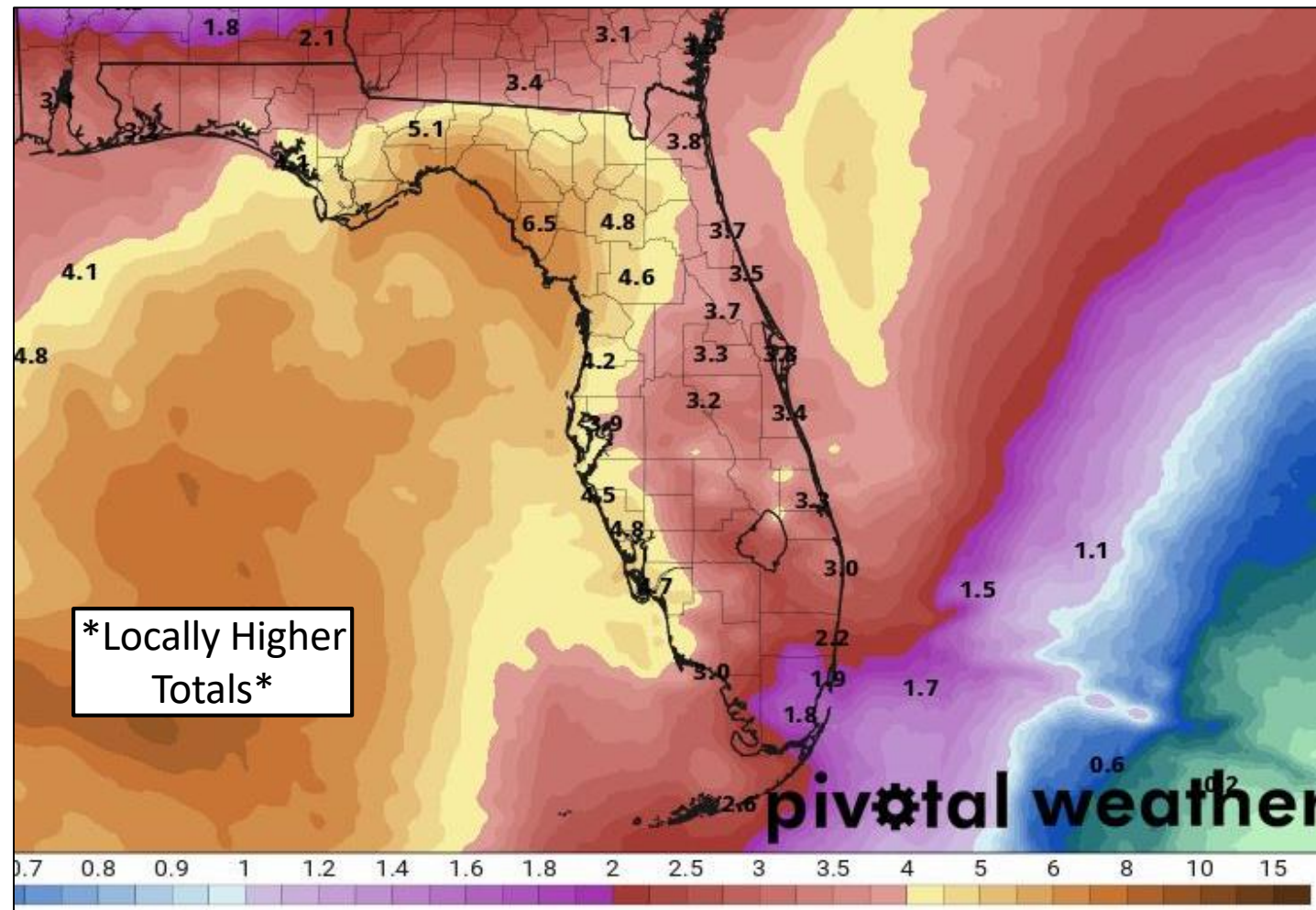
# Model Ensemble Tracks



- Tropical Depression Three will move very little over the next 2-3 days in the Bay of Campeche.
- It may move back over land which would limit development of the system
- At some point this weekend, the system will move northward and directly impact the central or western Gulf Coast.
- IT IS TOO EARLY TO KNOW WHERE THE SYSTEM WILL MAKE LANDFALL OR ITHE IMPACTS



# Rainfall Totals This Week

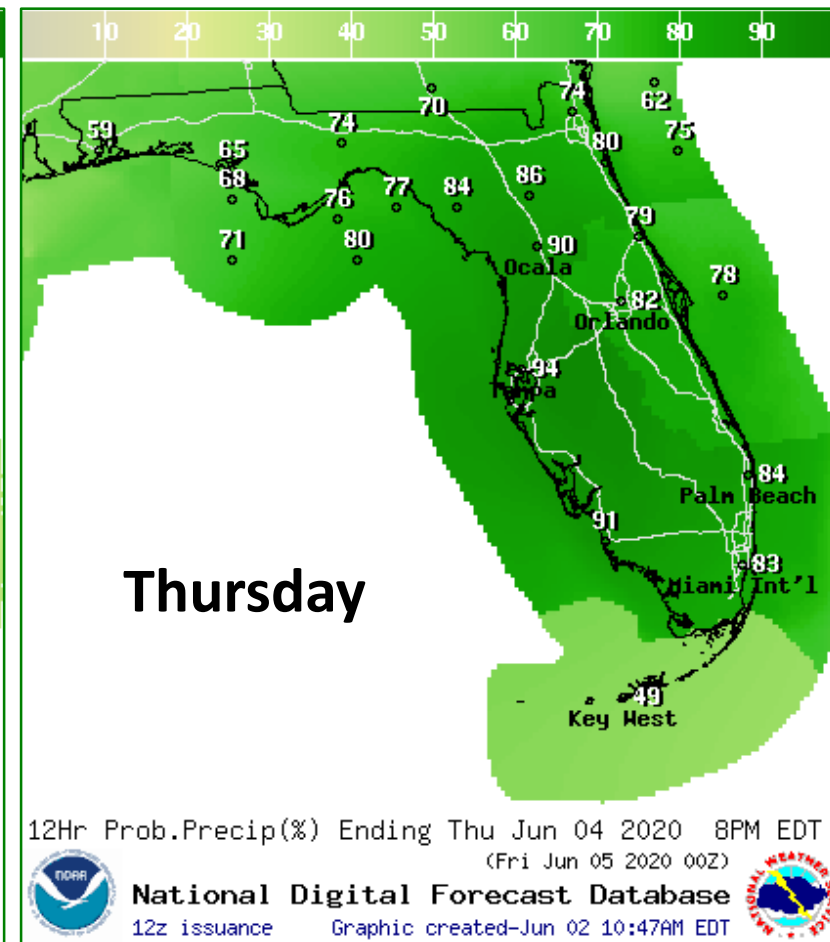
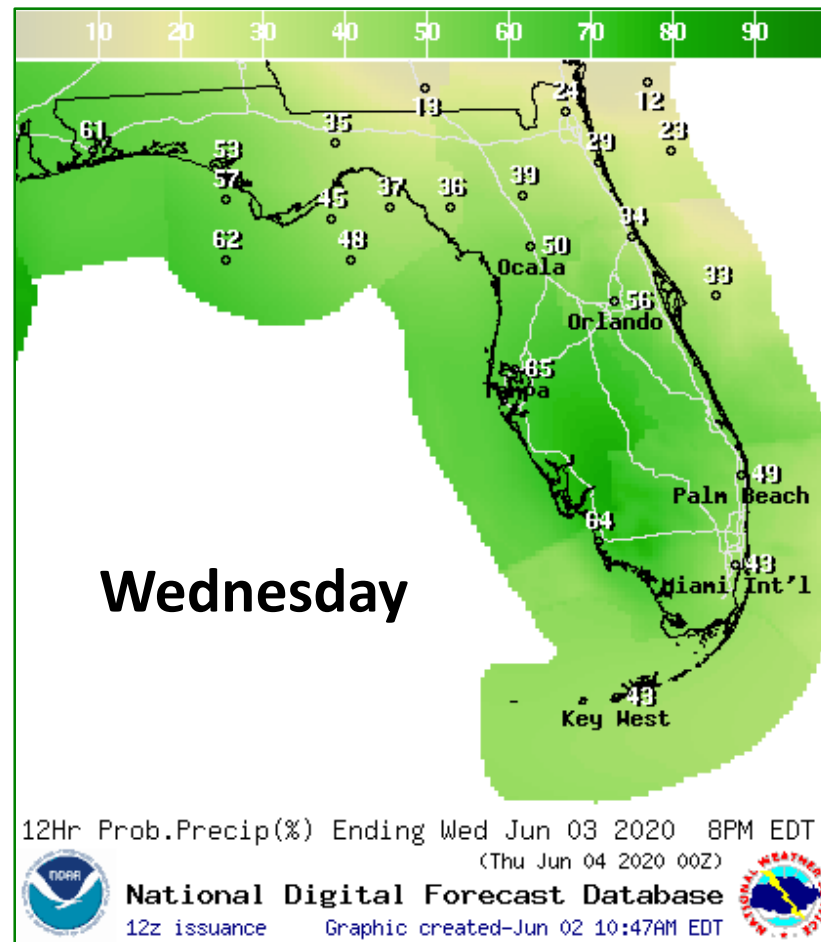
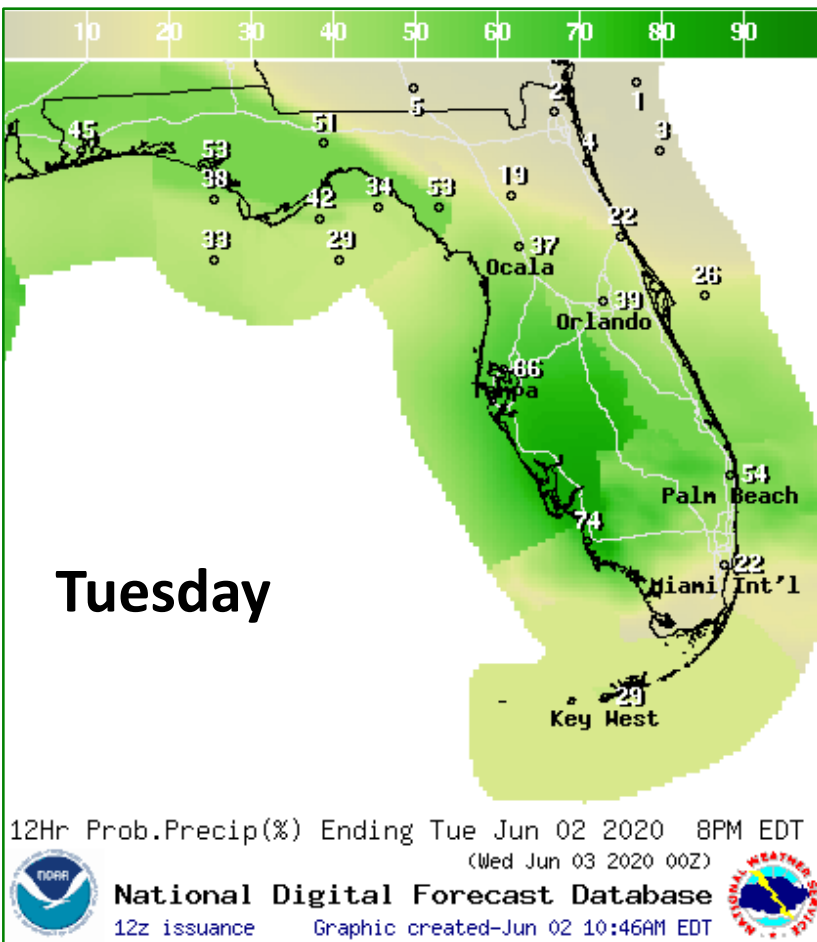


# WPC Weekly Hazards Outlook



- Regardless of track and intensity of TD3 and indirectly related, tropical moisture returns to the state starting Wednesday night and lasting into the weekend.
- Heavy rainfall (widespread 3-6") is forecast over the next several days, especially along the Gulf Coast. *This rainfall will come in multiple rounds over multiple days.*

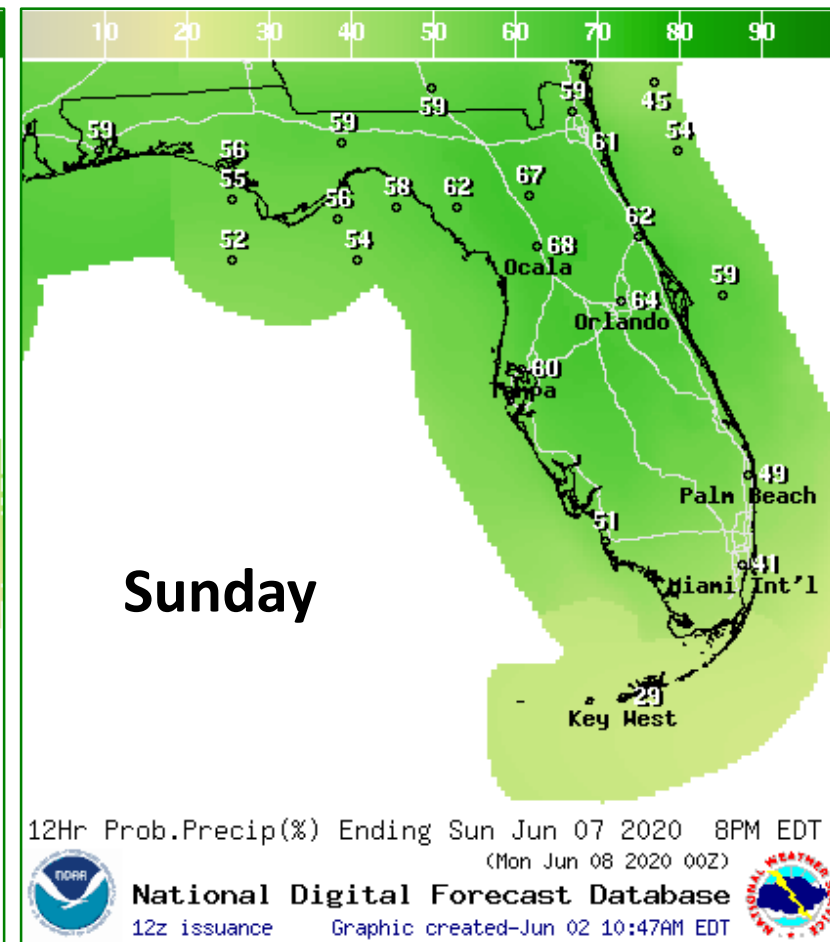
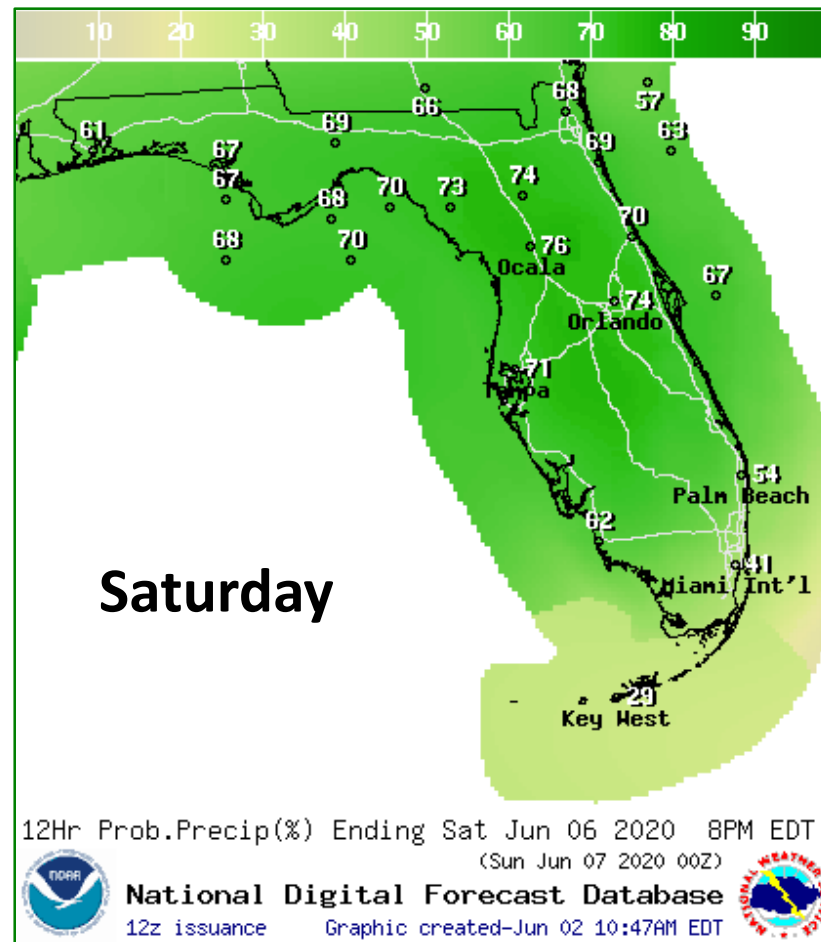
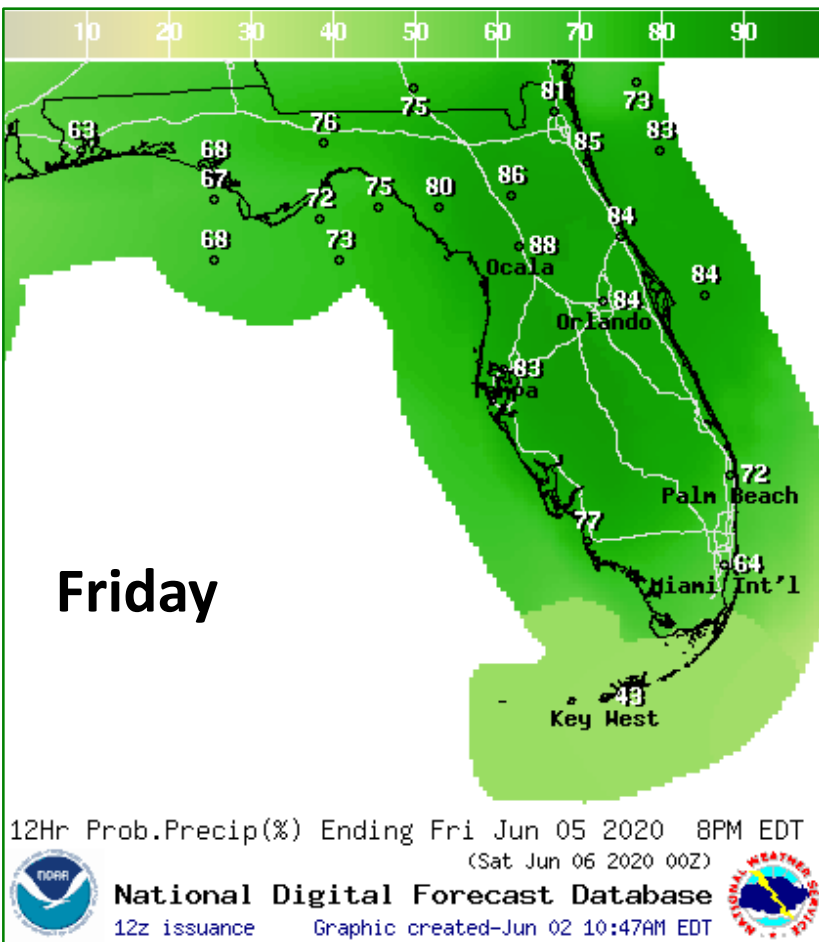
# Rain Chances Mid-Week



- Seasonable Afternoon Showers and Thunderstorms Tuesday
- Widespread Rainfall Wednesday Night and into Thursday



# Rain Chances Late Week



- Widespread showers and thunderstorms continue into the weekend
- Rain chances Sunday and Monday depend on the exact track of TD3

# Summary

## Tropical Depression Three

- Tropical Depression Three continues to organize over the southwestern Gulf of Mexico and is likely to be a tropical storm later today.
- The center of TD3 was located about 800 miles southwest of Key West, Florida or 140 miles west of Campeche, Mexico.
- Maximum sustained winds were at 35 mph and movement was to the west at 3 mph.
- Tropical Depression Three will move very little over the next couple of days and meander in the Bay of Campeche in the southwestern Gulf of Mexico. Intensity of the system will depend on if it remains over water or moves back of Mexico.
- This weekend, the system will begin to move northward and will approach the northern Gulf Coast Sunday/Monday. DETAILS ARE UNKNOWN.
- Indirectly related to the system, tropical moisture will increase across the Gulf Coast later this week raising daily rain chances.
- The next name on the list is Cristobal (kree-TOH-bahl).

## Florida Outlook:

- Tropical Depression Three will have no direct impacts to Florida through the end of the week, but should continue to be monitored.
- The rip current risk and wave heights will begin to increase along the Gulf Coast later this week- particularly in the western Panhandle.
- Tropical moisture returns to the state indirectly associated with Tropical Depression Three starting Wednesday night and lasting into the weekend.
- A widespread 3-6" of rain is forecast to fall across the state over the next week. This will come from multiple rounds of rainfall over multiple days. Significant flood issues are not expected, but heavier thunderstorms may result in minor flooding along the Gulf Coast.

The next briefing packet will be sent out late this afternoon with the 5 PM ET advisory. For the latest information on the tropics, please visit the National Hurricane Center website at [www.hurricanes.gov](http://www.hurricanes.gov). For more details on daily weather conditions across the state, wildfire/weather briefings are being uploaded to WebEOC Info Message #1116 each morning.





# TROPICAL UPDATE



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State Meteorological Support Unit

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