IMPACTS FOR D8 (through next 5 days)

Winds – High

Storm Surge - High

Rainfall/Flash Flooding - High

Tornadoes – Low

Waves - High

TROPICAL STORM IDA BRIEFING



8:30 AM CDT Friday, August 27, 202 I

Prepared by:

Amanda Reinhart

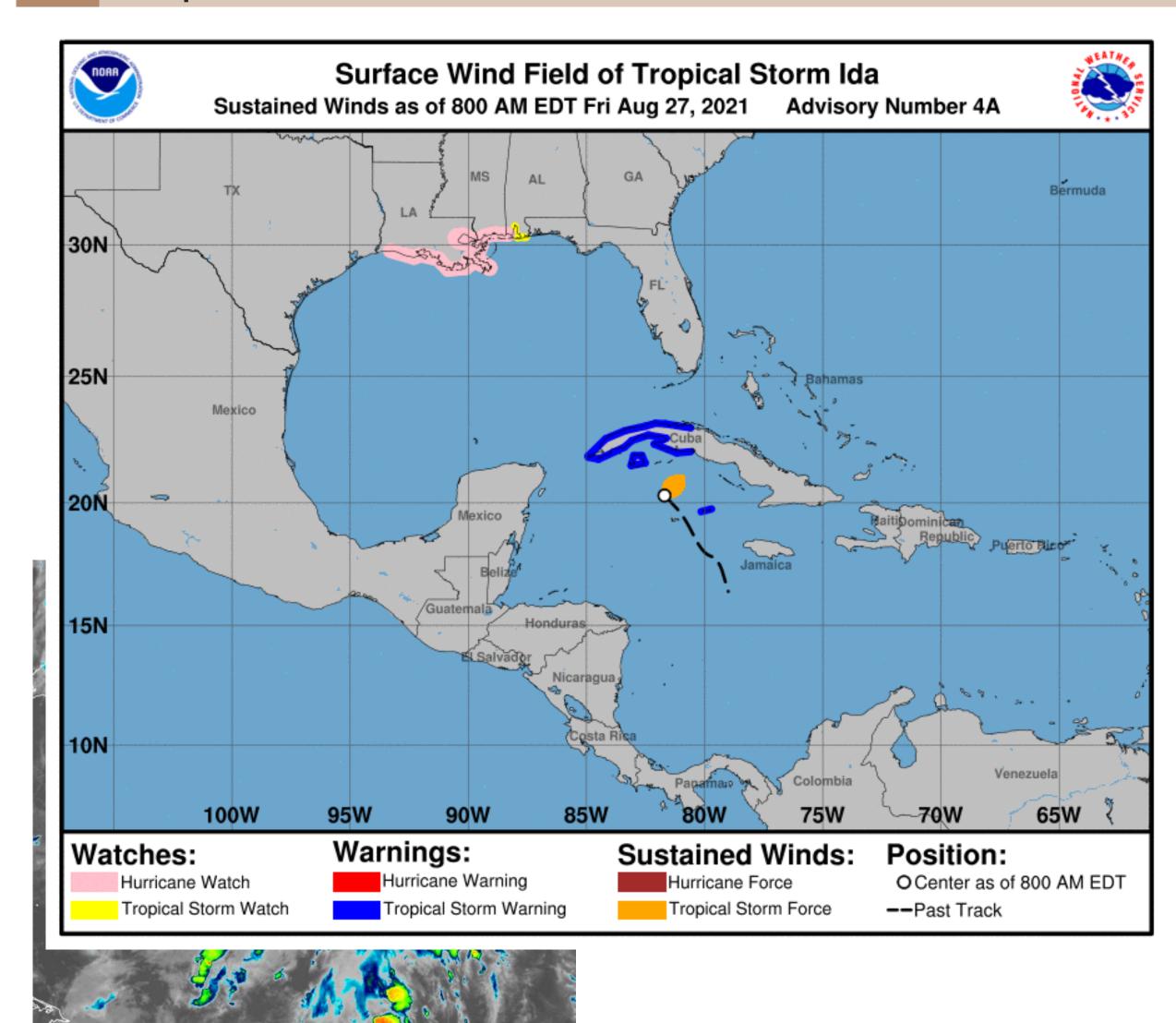
Tropical Analysis and Forecast Branch NWS National Hurricane Center



Situation Overview

Tropical Analysis and Forecast Branch NWS National Hurricane Center

Tropical Storm Ida



...AIR FORCE AND NOAA AIRCRAFT FIND IDA STRENGTHENING OVER THE NORTHWEST CARIBBEAN SEA...

SUMMARY OF 700 AM CDT INFORMATION

LOCATION...20.3N 81.7W
ABOUT 65 NM NNW OF GRAND CAYMAN
ABOUT 100 NM SE OF THE ISLE OF YOUTH
MAXIMUM SUSTAINED WINDS...50 KT
PRESENT MOVEMENT...NW AT 15 KT

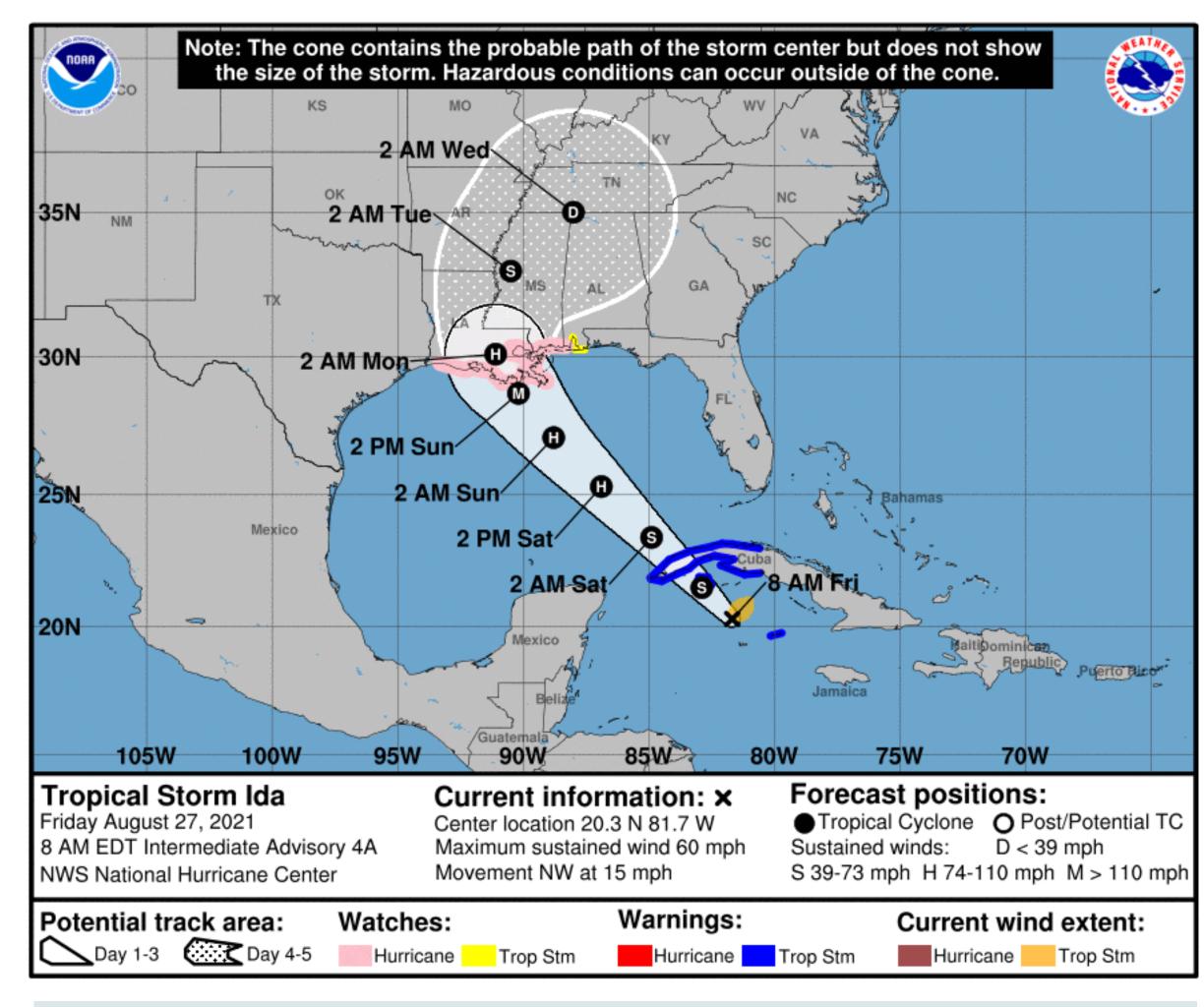
PEAK SEAS: 14 FT

12 FT SEAS... 60NE OSE OSW ONW.

Forecast Information

Tropical Analysis and Forecast Branch NWS National Hurricane Center

Tropical Storm Ida



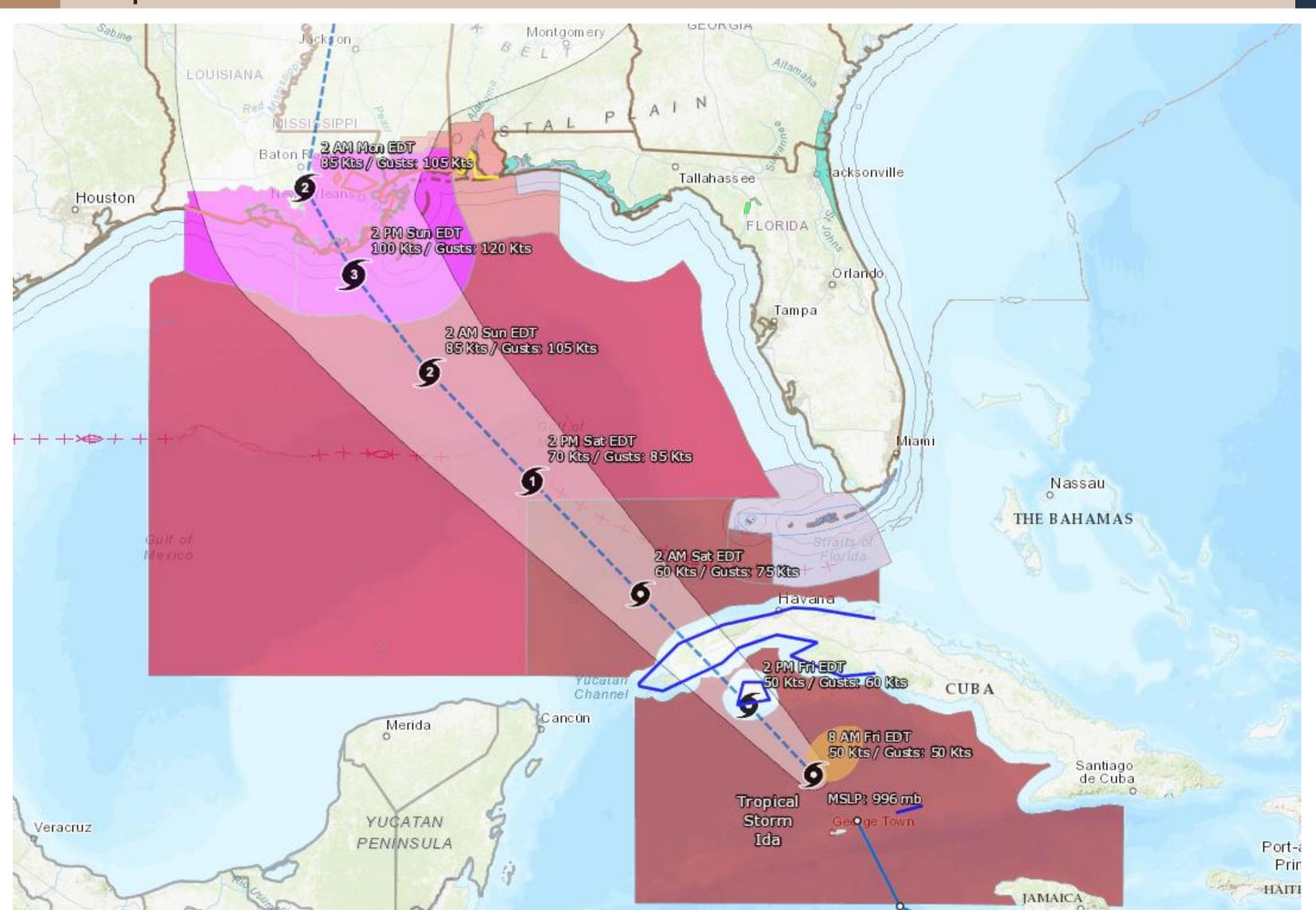
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

- The system will continue moving towards the westnorthwest during the next few days
- The system is expected to intensify and become a hurricane by Saturday as it moves into the Gulf of Mexico
- Landfall expected as a major (Category 3) hurricane likely on Sunday night into Monday morning along the Louisiana coast
- Current center forecast positions through the next 5 days (if applicable) illustrated by dots
- White swath of potential track error added to each side of the forecast track through day 3
- Hatched swatch of potential track error added to each side of the forecast track days 4-5

** Swaths are calculated using average track errors and actual track may be well inside, or possibly outside the potential track areas indicated.

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Tropical Storm Ida

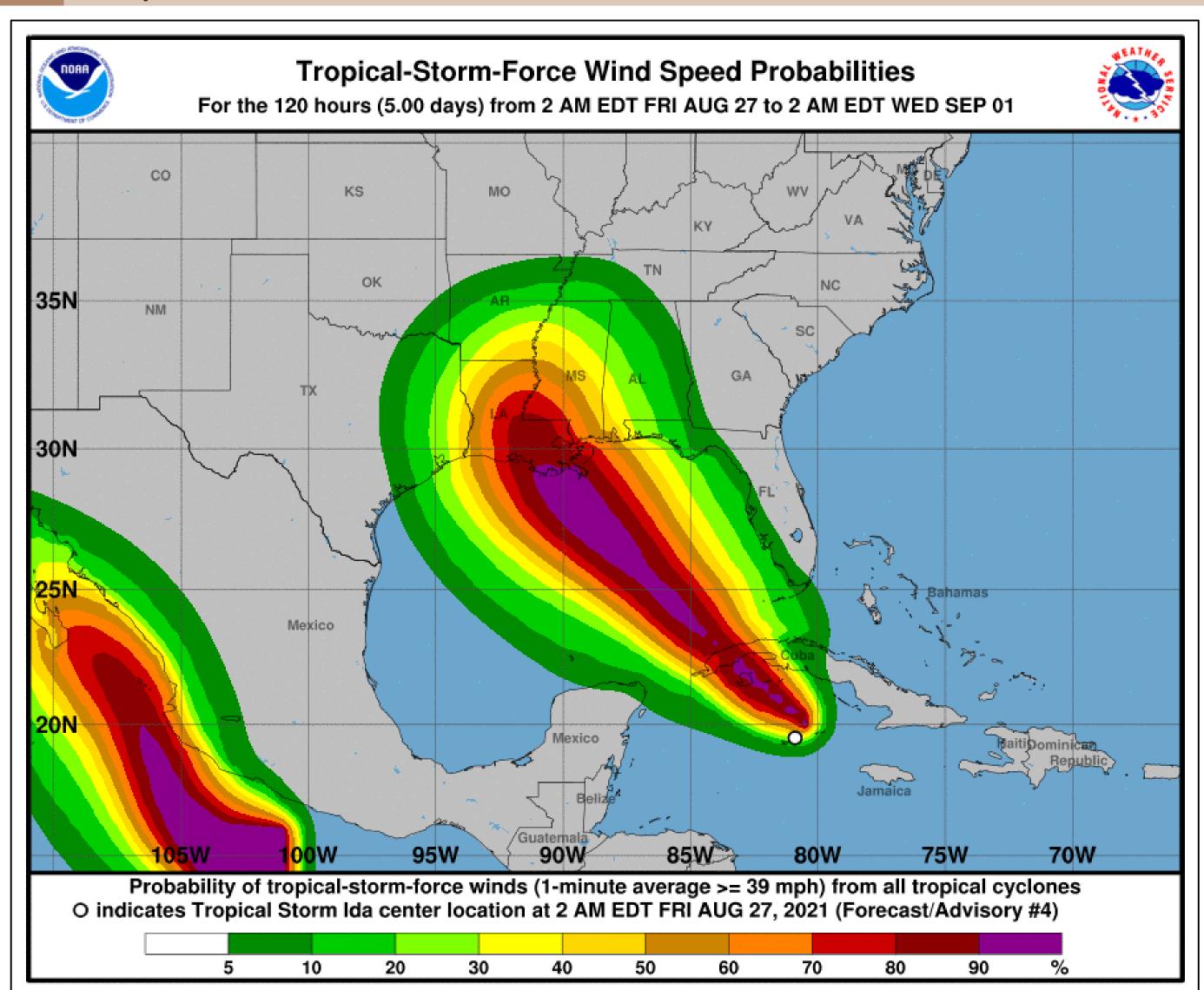




Copy/paste image from https://nowcoast.noaa.gov/

T.S. Wind Speed Probabilities

Tropical Storm Ida





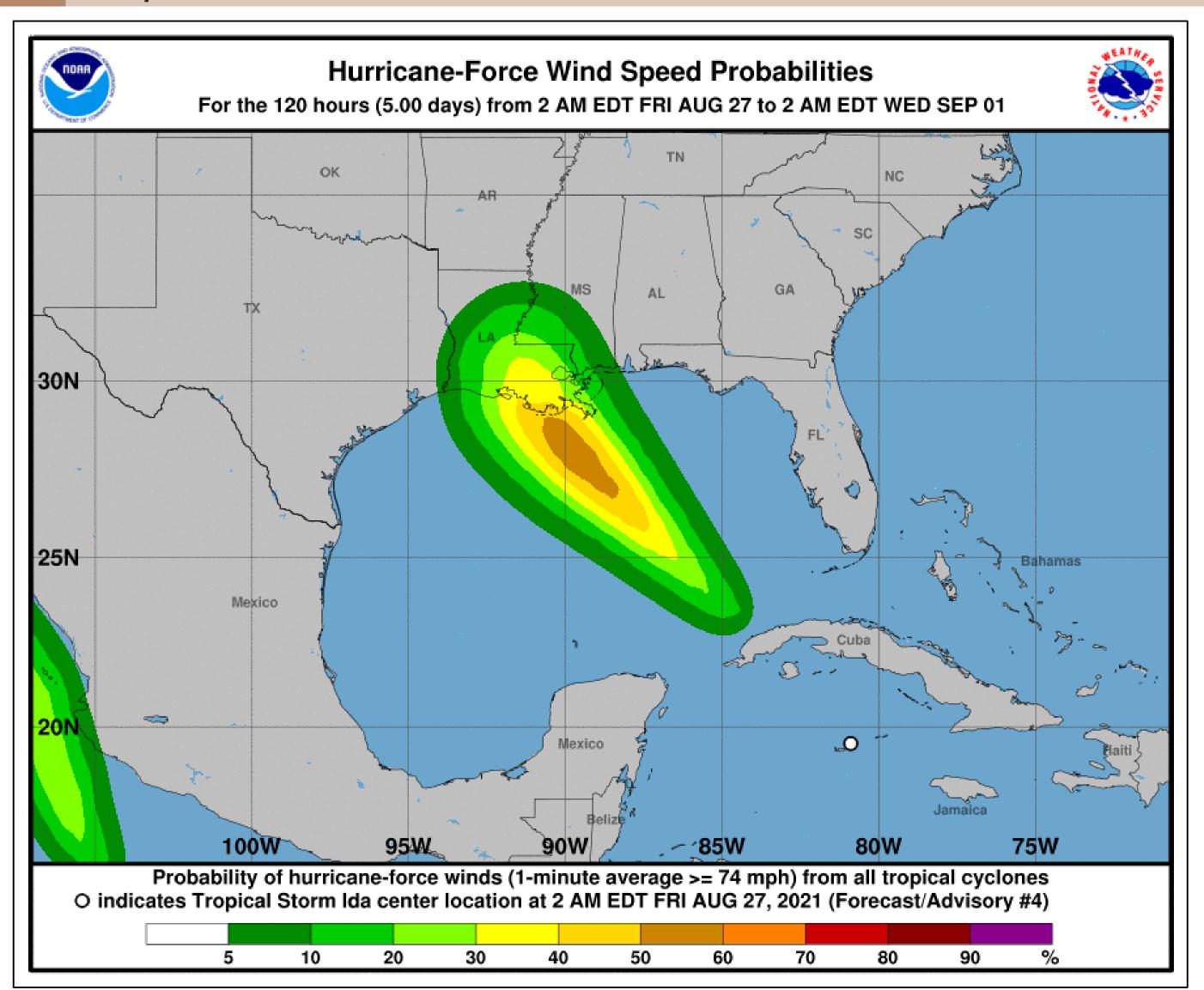
Tropical Analysis and Forecast Branch NWS National Hurricane Center

- Pensacola 30%
- Mobile 50%
- Gulfport 65%
- Stennis 70%
- Buras 80%
- New Orleans 80%
- Morgan City 80%
- Lafayette 75%
- New Iberia 75%
- Lake Charles 50%
- Cameron 55%
- Port Arthur 35%
- Galveston 25%
- High Island 25%
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color bar below the image for more details.

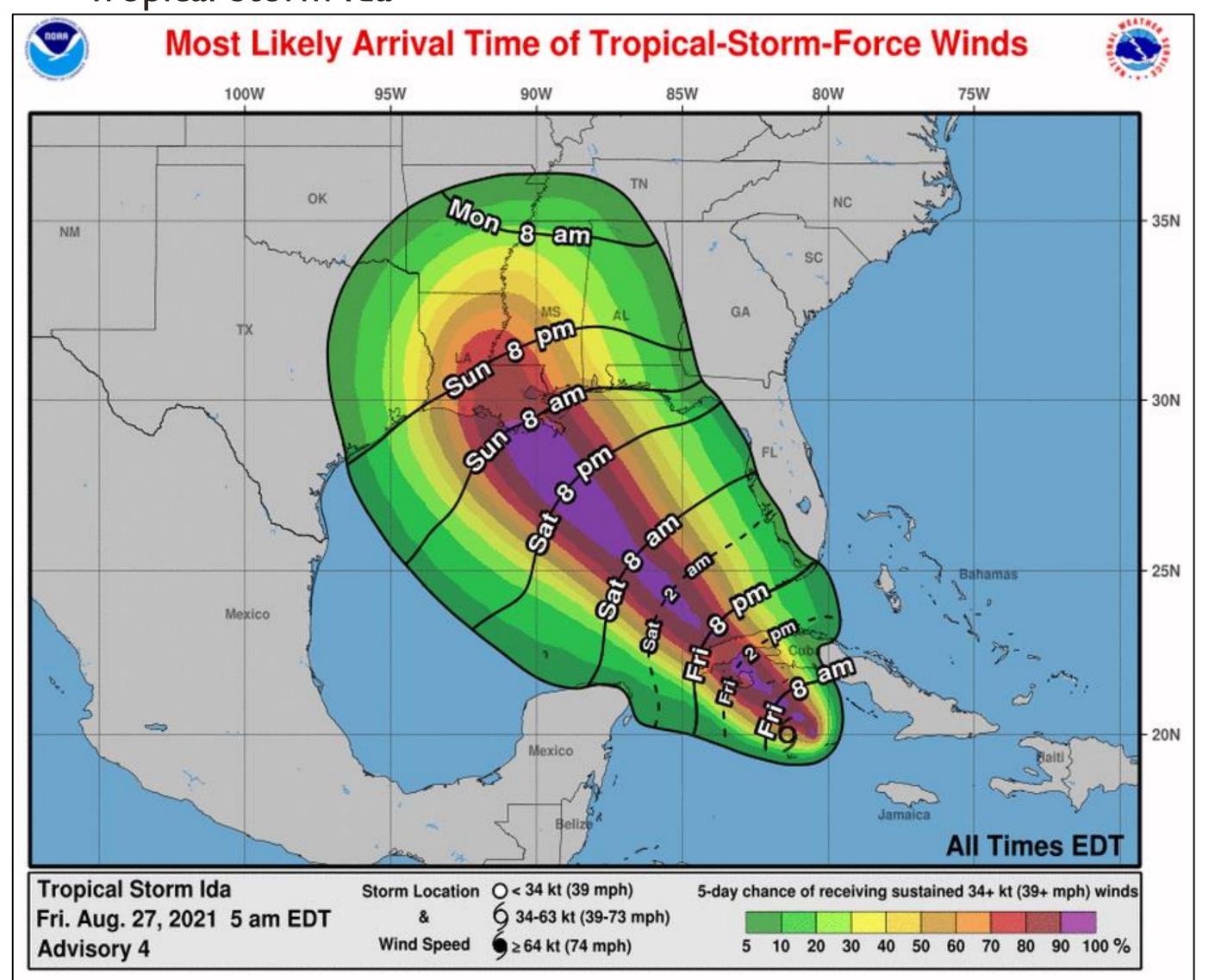
Hurricane Wind Speed Probabilities

Tropical Analysis and Forecast Branch NWS National Hurricane Center

Tropical Storm Ida



- Stennis 15%
- Gulfport 10%
- Buras 25%
- New Orleans 30%
- Morgan City 25%
- Lafayette 20%
- New Iberia 20%
- Lake Charles 10%
- Cameron 10%
- Probabilities of sustained hurricane force winds (64 kt)
 +) over the next 5 days, based off this cyclone's wind radii and track.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color bar below the image for more details.

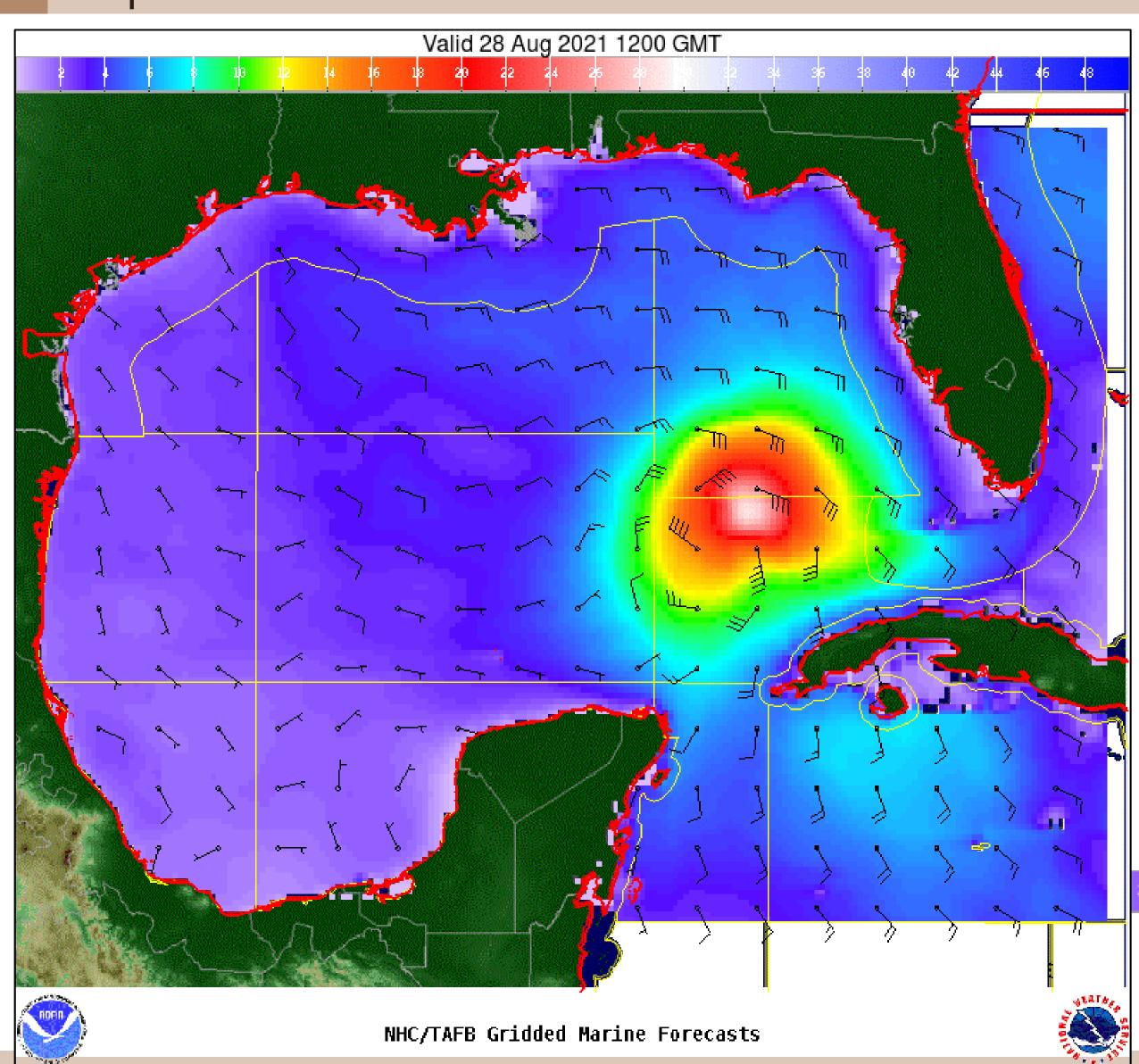


- NW Florida, Alabama, Mississippi, SE Louisiana – early Sunday morning
- South Central Louisiana Sunday morning
- SW Louisiana, Upper Texas Sunday afternoon
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color bar below the image for more details.

Wind And Waves

Tropical Analysis and Forecast Branch NWS National Hurricane Center

Tropical Storm Ida



24 Hour Forecast

7 AM CDT Saturday, August 28th

Peak Winds: 65 kt

Peak Seas: 26 ft

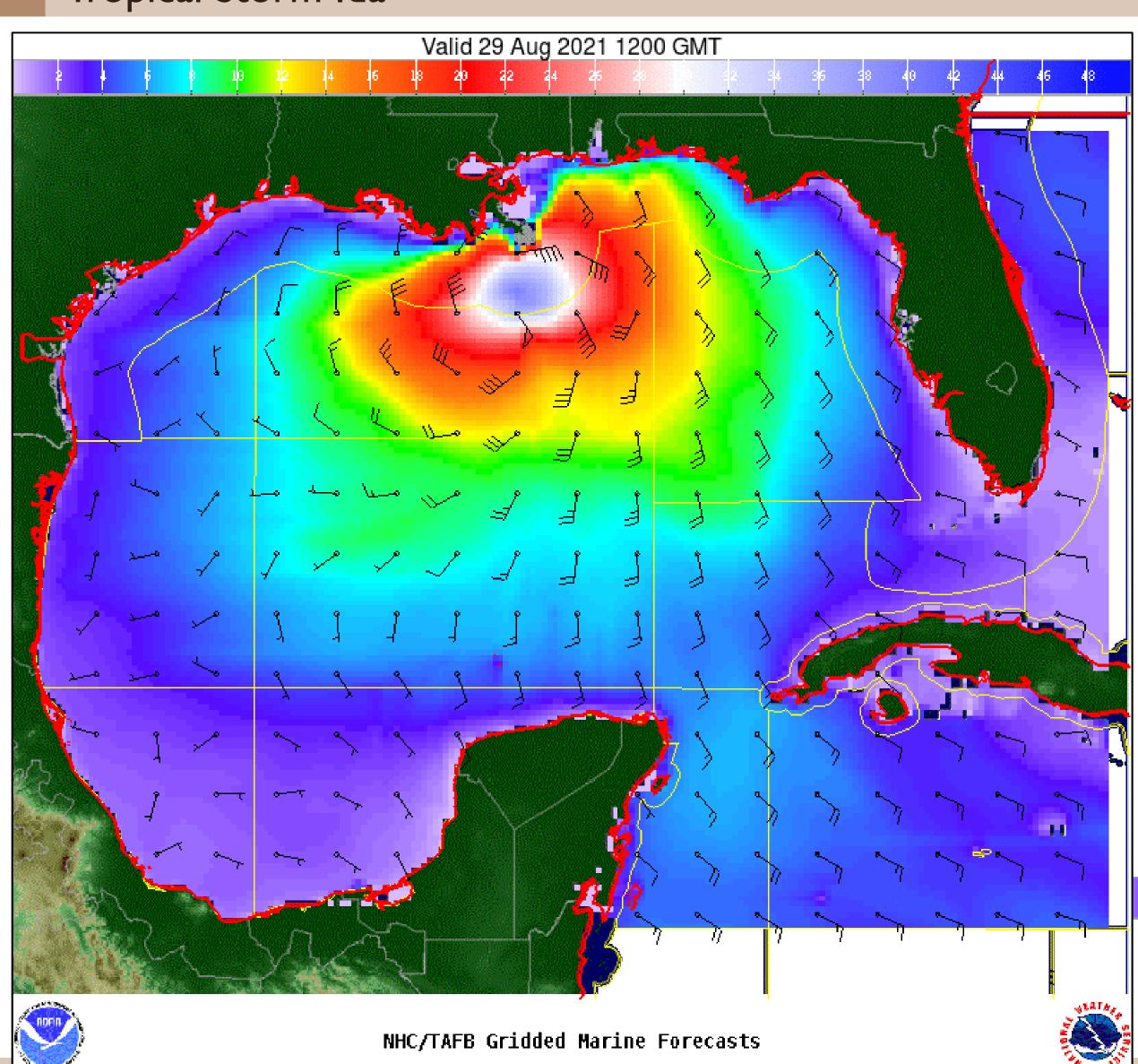
Wave heights are in feet



Wind And Waves

Tropical Analysis and Forecast Branch NWS National Hurricane Center

Tropical Storm Ida



48 Hour Forecast

7 AM CDT, Sunday August 29th

Peak Winds: 95 kt

Peak Seas: 40 ft

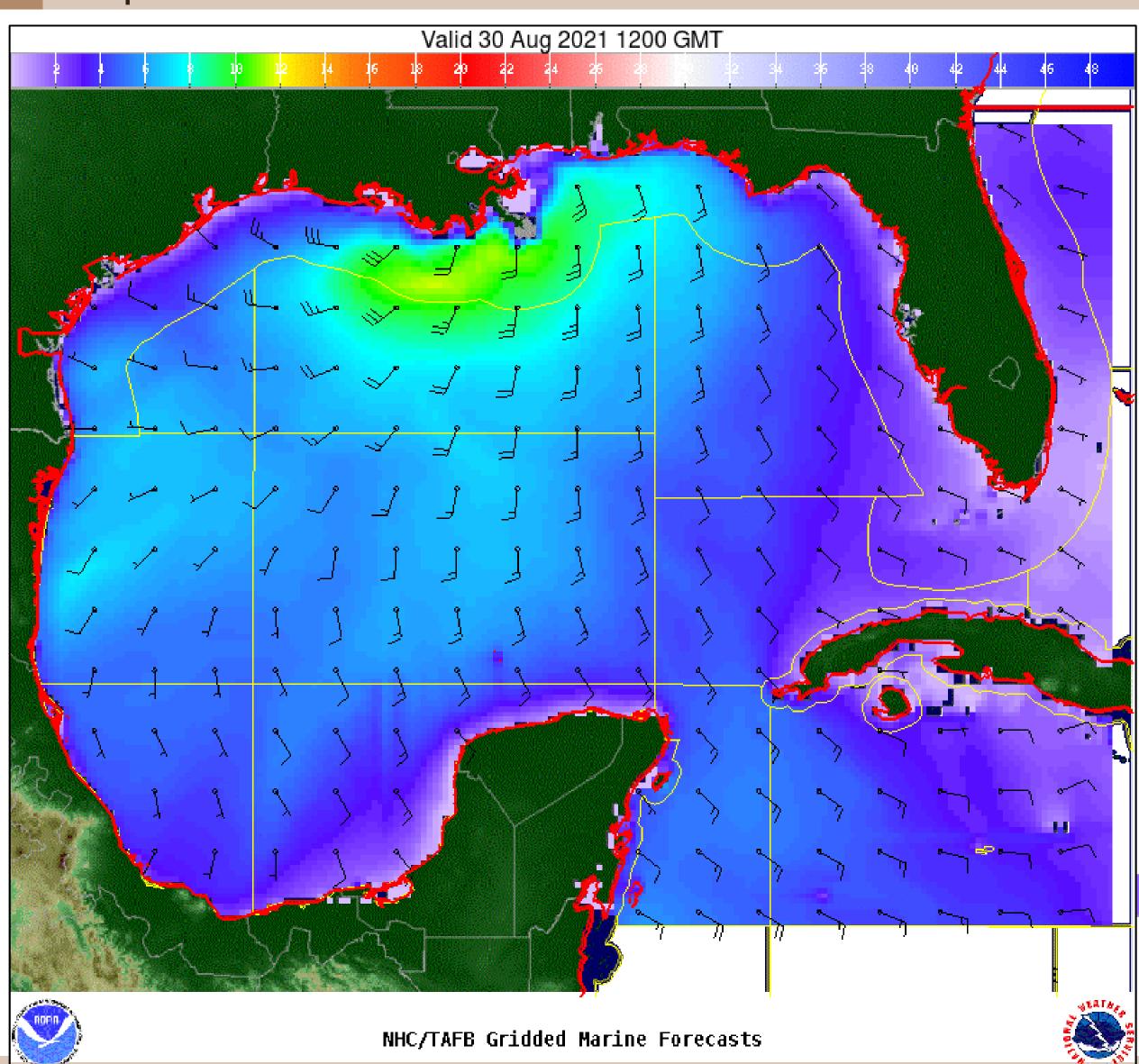




Wind And Waves

Tropical Analysis and Forecast Branch NWS National Hurricane Center

Tropical Storm Ida



72 Hour Forecast

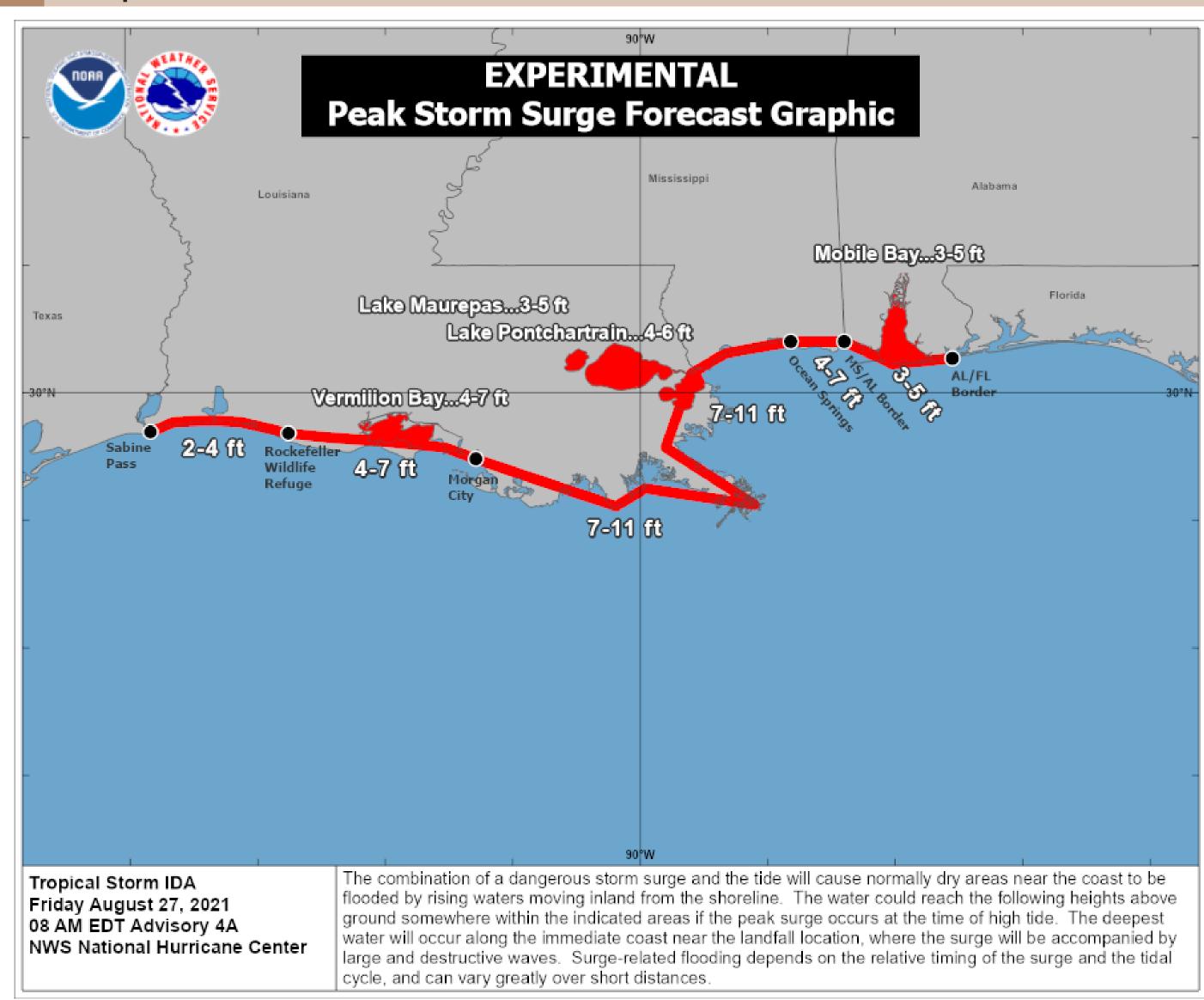
7 AM CDT, Monday, August 30th

Peak Winds: 30 kt

Peak Seas: 11 ft

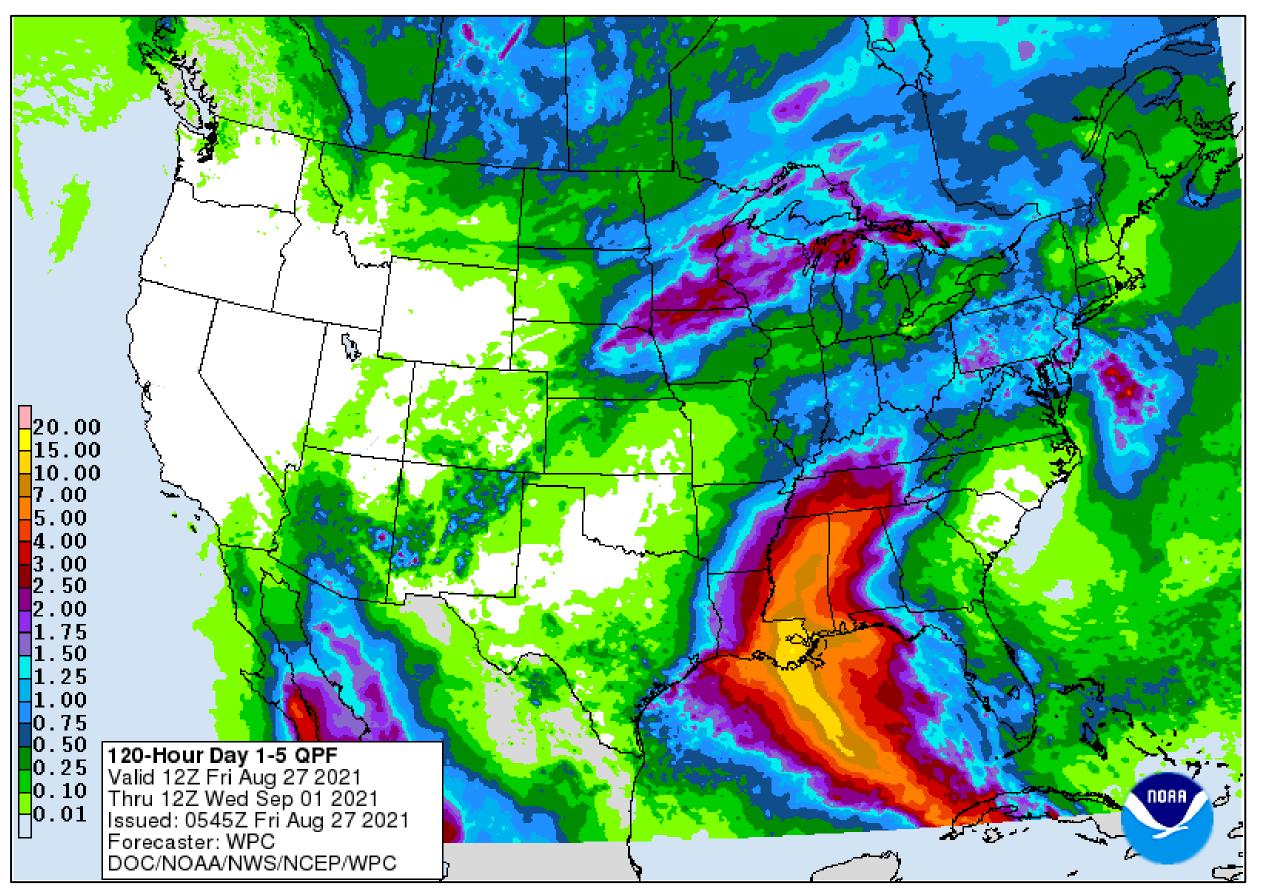






 Potential storm surge is represented in feet above the ground at any given point.

Images from NWS Weather Predication Center



Total rainfall in inches through
 Wednesday morning

Risk of rainfall exceeding flash flood guidance within 25 miles of a point

HIGH: > 50% SLGT: 10%-20%

MDT: 20%-50% MRGL: 5%-10%

Refer to map legend for Valid Time



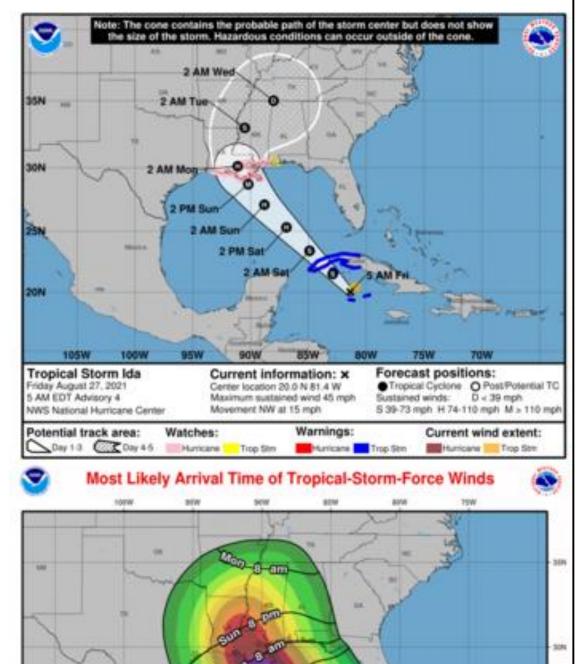
Tropical Analysis and Forecast Branch NWS National Hurricane Center

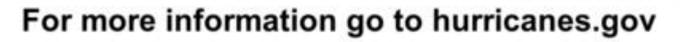
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Key Messages for Tropical Storm Ida Advisory 4: 5:00 AM EDT Fri Aug 27, 2021

- 1. Tropical storm conditions are occurring in portions of the Cayman Islands, and they are expected in portions of western Cuba and the Isle of Youth today, where a dangerous storm surge is also possible in areas of onshore flow. Life-threatening heavy rains, flash flooding and mudslides are expected across Jamaica, the Cayman Islands, and western Cuba, including the Isle of Youth.
- There is an increasing risk of life-threatening storm surge inundation along the coasts of Louisiana, Mississippi, and Alabama, where a Storm Surge Watch is in effect. Interests in these areas should follow any advice given by local officials.
- There is an increasing risk of dangerous hurricane-force winds beginning Sunday along the portions of the coasts of Louisiana and Mississippi, including metropolitan New Orleans, where a Hurricane Watch is in effect.
- 4. Ida is also expected to produce heavy rains across the central Gulf Coast from southeast Louisiana to coastal Mississippi, Alabama, as well as the Lower Mississippi Valley starting Sunday into Monday, resulting in considerable flash, urban, small stream, and riverine flooding.





- Marine Key Messages:
- Seas will begin to build over 20 ft quickly by late tonight into Sat morning as Ida enters the Gulf
- Peak seas will be over 35 ft late Sat night into Sun morning as Ida nears the coast

IMPACTS FOR D8 (through next 5 days)

Winds - High

Storm Surge - High

Rainfall/Flash Flooding - High

Tornadoes – Low

Waves - High

8/27/2021 10:00 AM www.nhc.noaa.gov

6 9 54-63 kt (29-73 mg/k). Wind Speed: 6 2-54 kt (74 mg/k).



TROPICAL STORM IDA BRIEFING

You can contact the Tropical Analysis and Forecast Branch at 305-229-4424

The Next Briefing Will Be: Friday5:00 PM CDT

You can always find get the latest graphics and information for this storm at www.hurricanes.gov