

IMPACTS FOR D8 (through next 5 days)

Winds – Extreme

Storm Surge – Extreme

Rainfall/Flash Flooding – Extreme

Tornadoes – Low

Waves - Extreme

HURRICANE IDA BRIEFING

5:00 PM CDT

Friday, August 27, 2021

Prepared by:

Amanda Reinhart

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

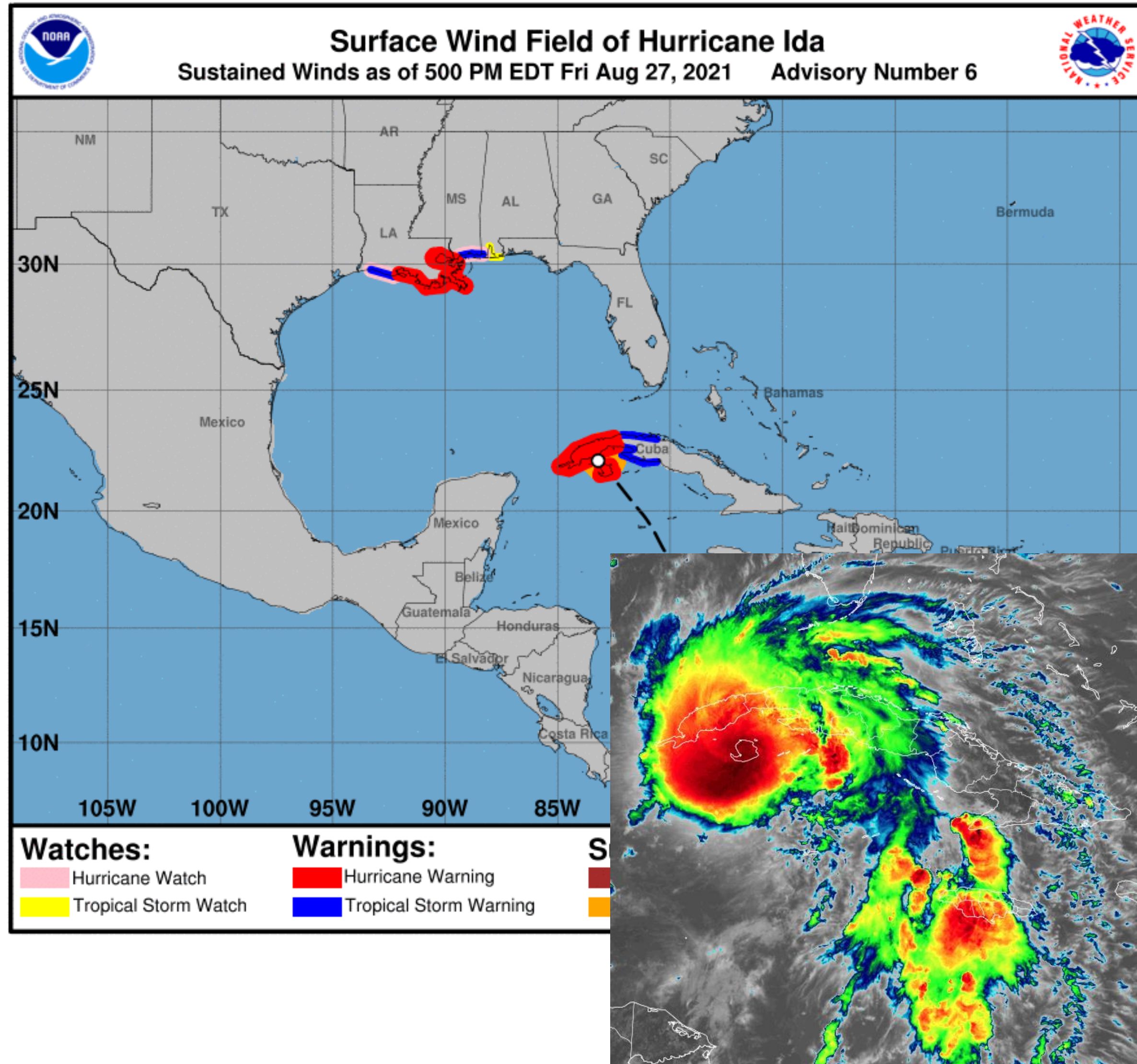


Situation Overview

Hurricane Ida



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NWS National Hurricane Center



...CENTER OF IDA APPROACHING WESTERN CUBA...

...STORM SURGE AND HURRICANE WARNINGS ISSUED FOR PORTIONS OF THE NORTHERN GULF COAST...

SUMMARY OF 400 PM CDT INFORMATION

LOCATION...22.1N 83.2W
ABOUT 40 NM NW OF THE ISLE OF YOUTH
ABOUT 80 NM SW OF HAVANA CUBA
MAXIMUM SUSTAINED WINDS...70 KT
PRESENT MOVEMENT...NW AT 15 KT

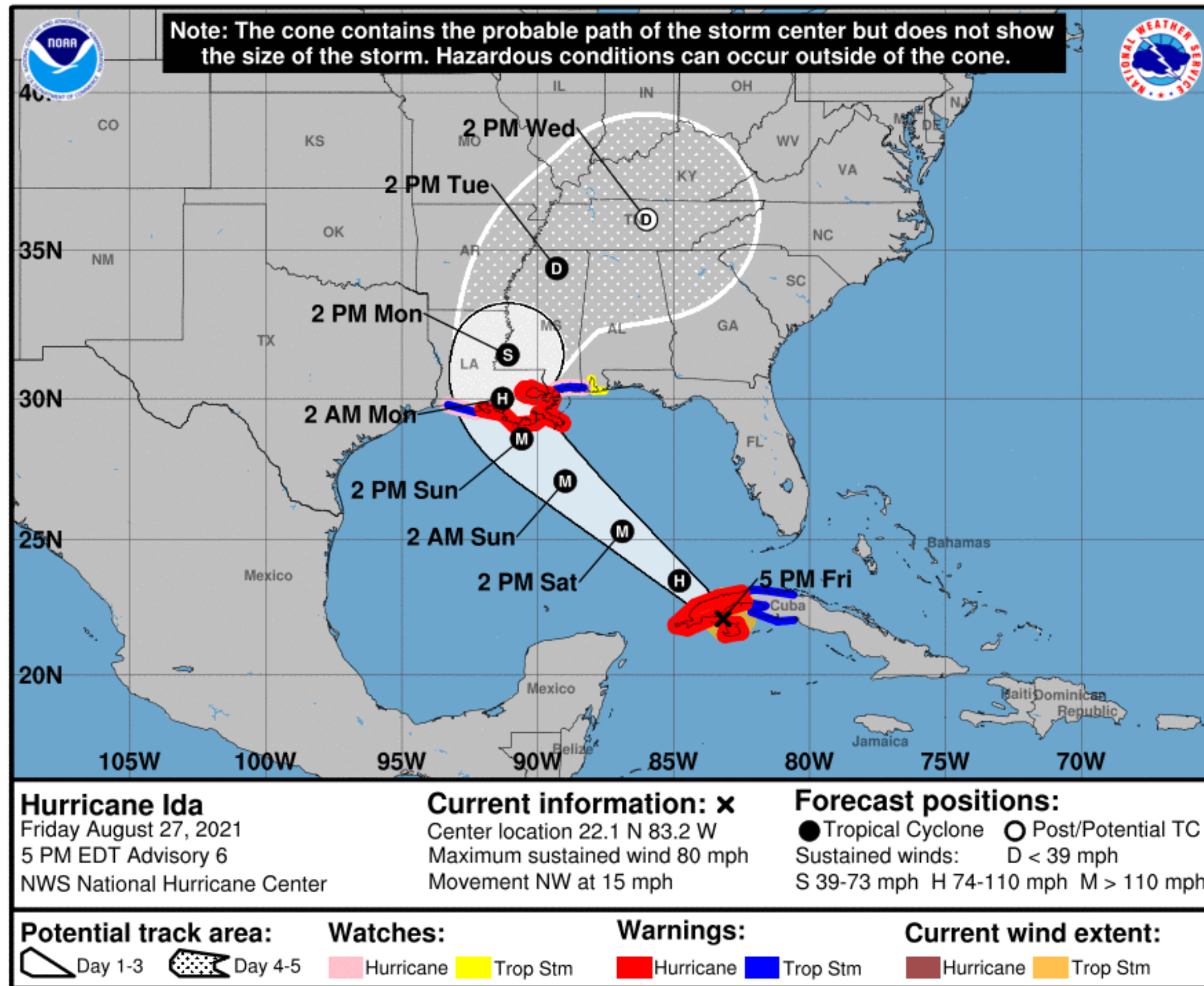
Peak Seas: 20 ft
12 FT SEAS... 0NE 120SE 45SW 0NW

Forecast Information

Hurricane Ida



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- The system will continue moving towards the west-northwest during the next few days
- The system is expected to stay a hurricane as it moves into the Gulf of Mexico and strengthen into a major hurricane by Saturday
- Landfall expected as a major (Category 4) hurricane likely on Sunday into Sunday night 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 swath 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.

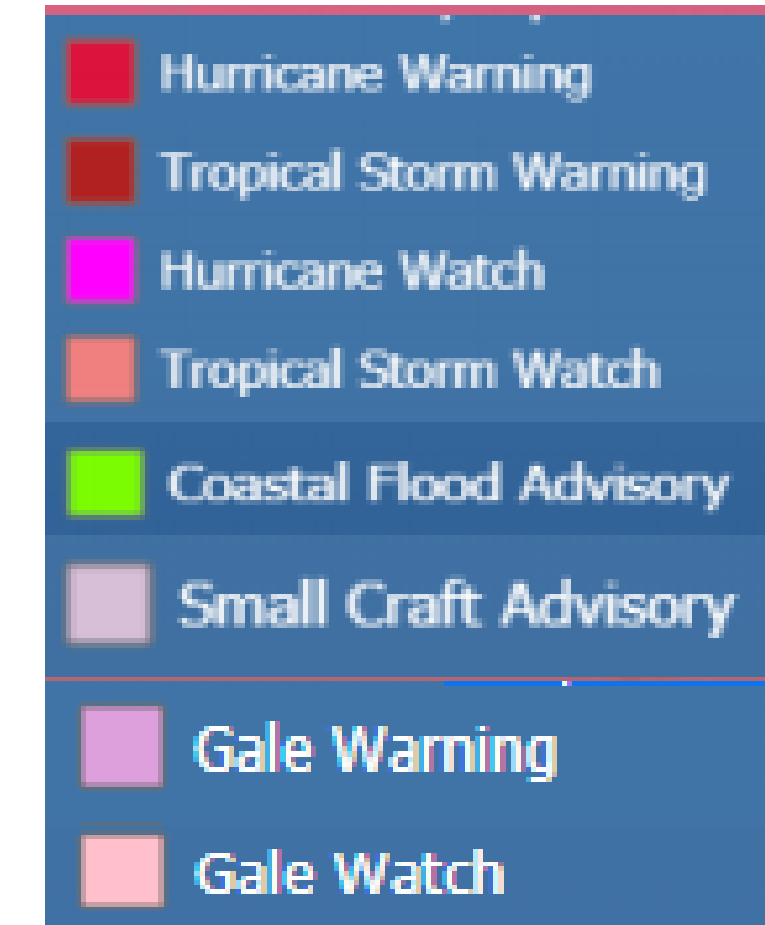
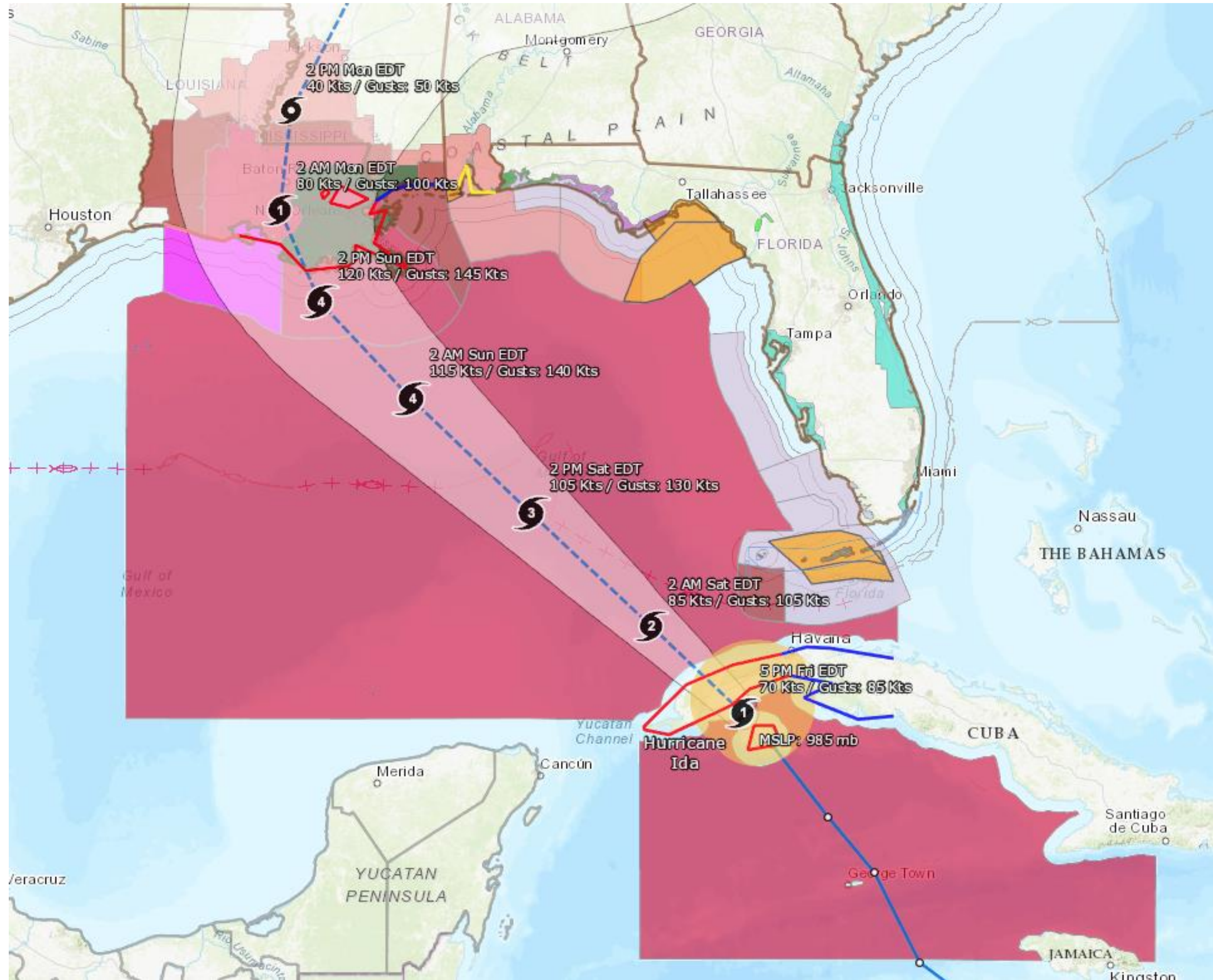
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

Hazards Map

Hurricane Ida



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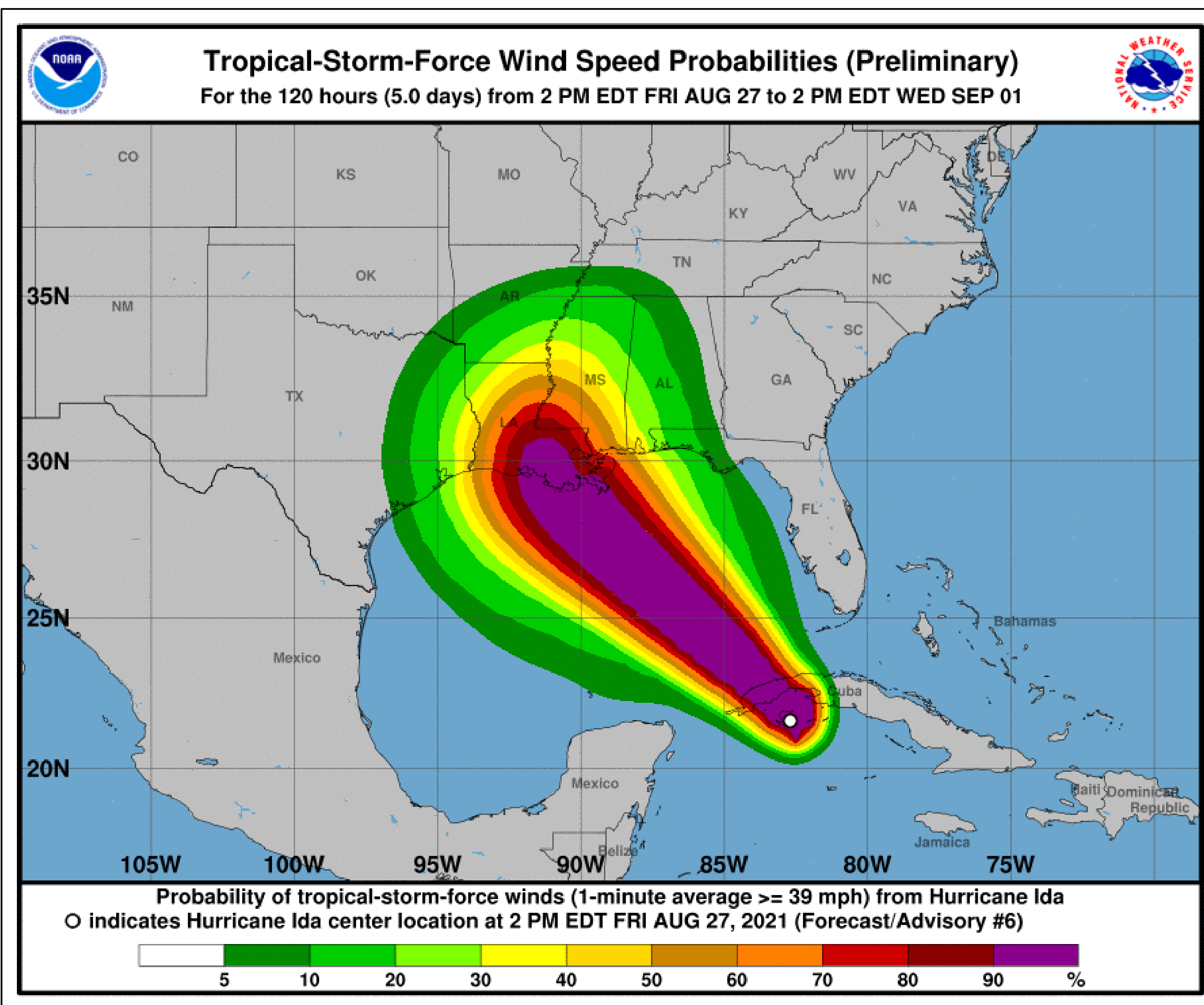
- Copy/paste image from <https://nowcoast.noaa.gov/>

T.S. Wind Speed Probabilities

Hurricane Ida



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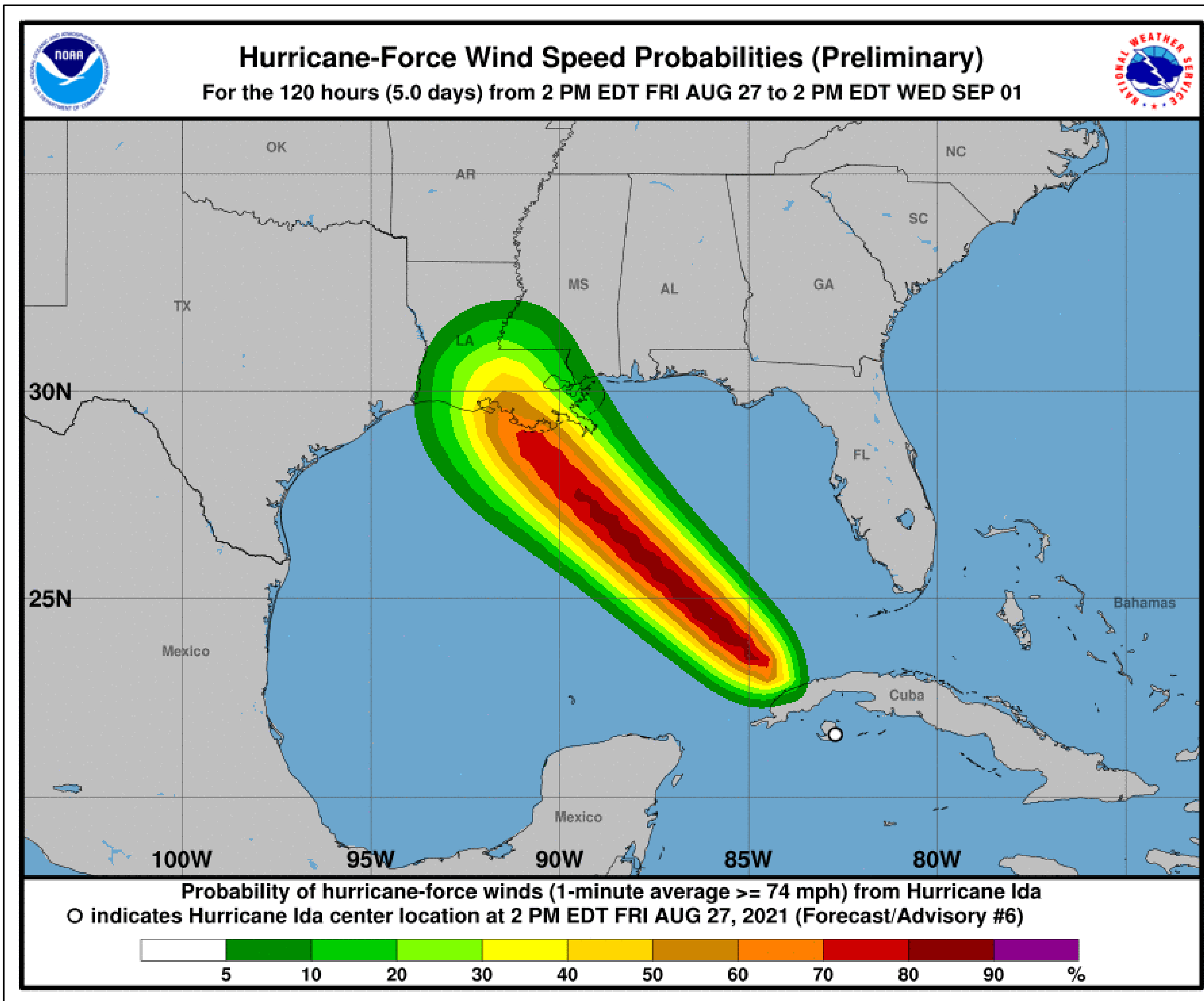
- Pensacola – 25%
 - Mobile – 45%
 - Gulfport – 60%
 - Stennis – 75%
 - Buras – 85%
 - New Orleans – 90%
 - Morgan City – 95%
 - Lafayette – 85%
 - New Iberia – 85%
 - Lake Charles – 55%
 - Cameron – 60%
 - Port Arthur – 40%
 - Galveston – 25%
 - High Island – 30%
- Probabilities of sustained tropical 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



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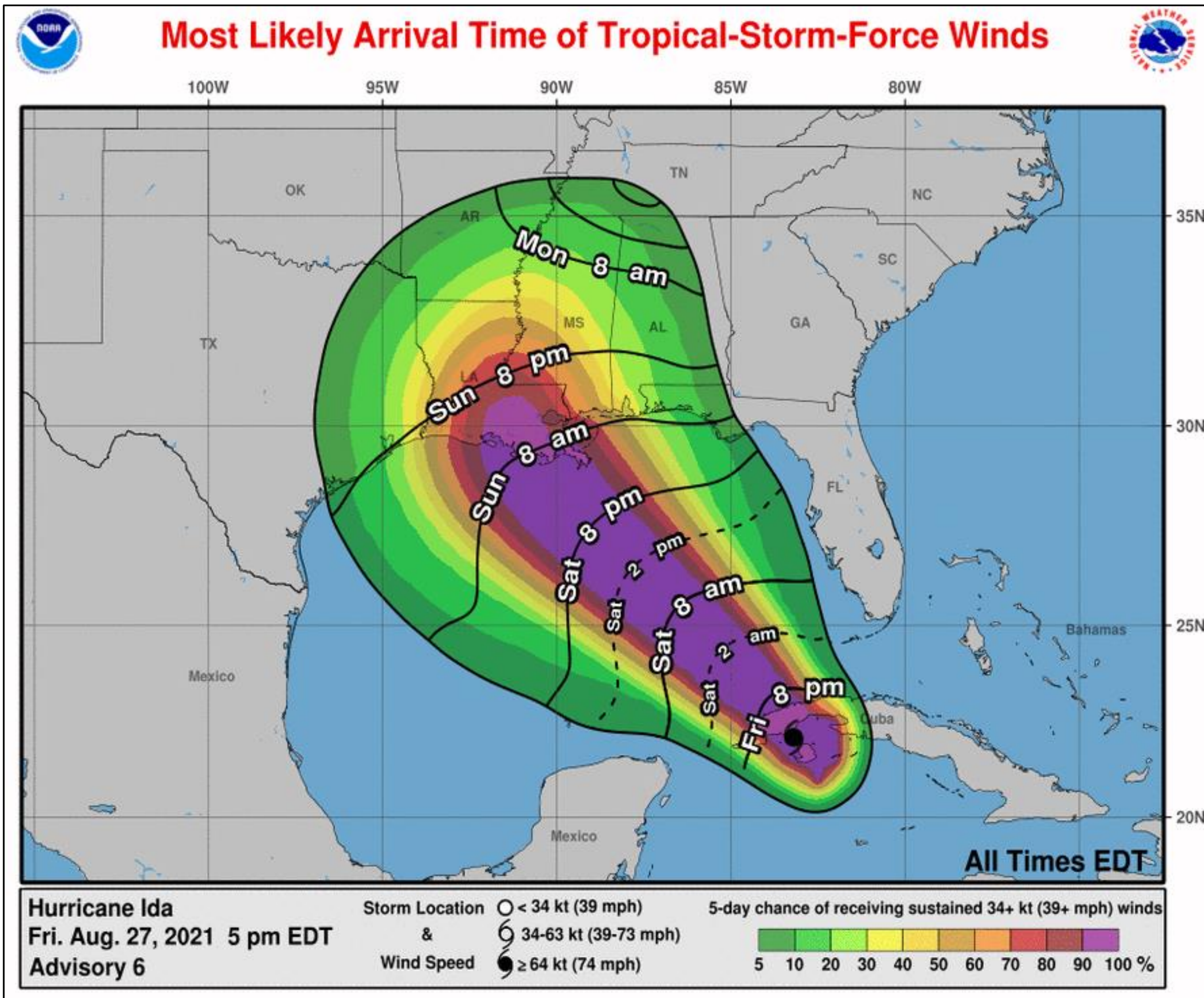
Hurricane Ida



- Stennis – 15%
 - Gulfport – 10%
 - Buras – 30%
 - New Orleans – 35%
 - Morgan City – 50%
 - Lafayette – 30%
 - New Iberia – 35%
 - Lake Charles – 15%
 - Cameron – 15%
- 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.



Hurricane Ida



- NW Florida, Alabama – Sunday morning
- Southeast and South-Central Louisiana – Sunday morning
- SW Louisiana, Upper Texas – Sunday evening
- 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.

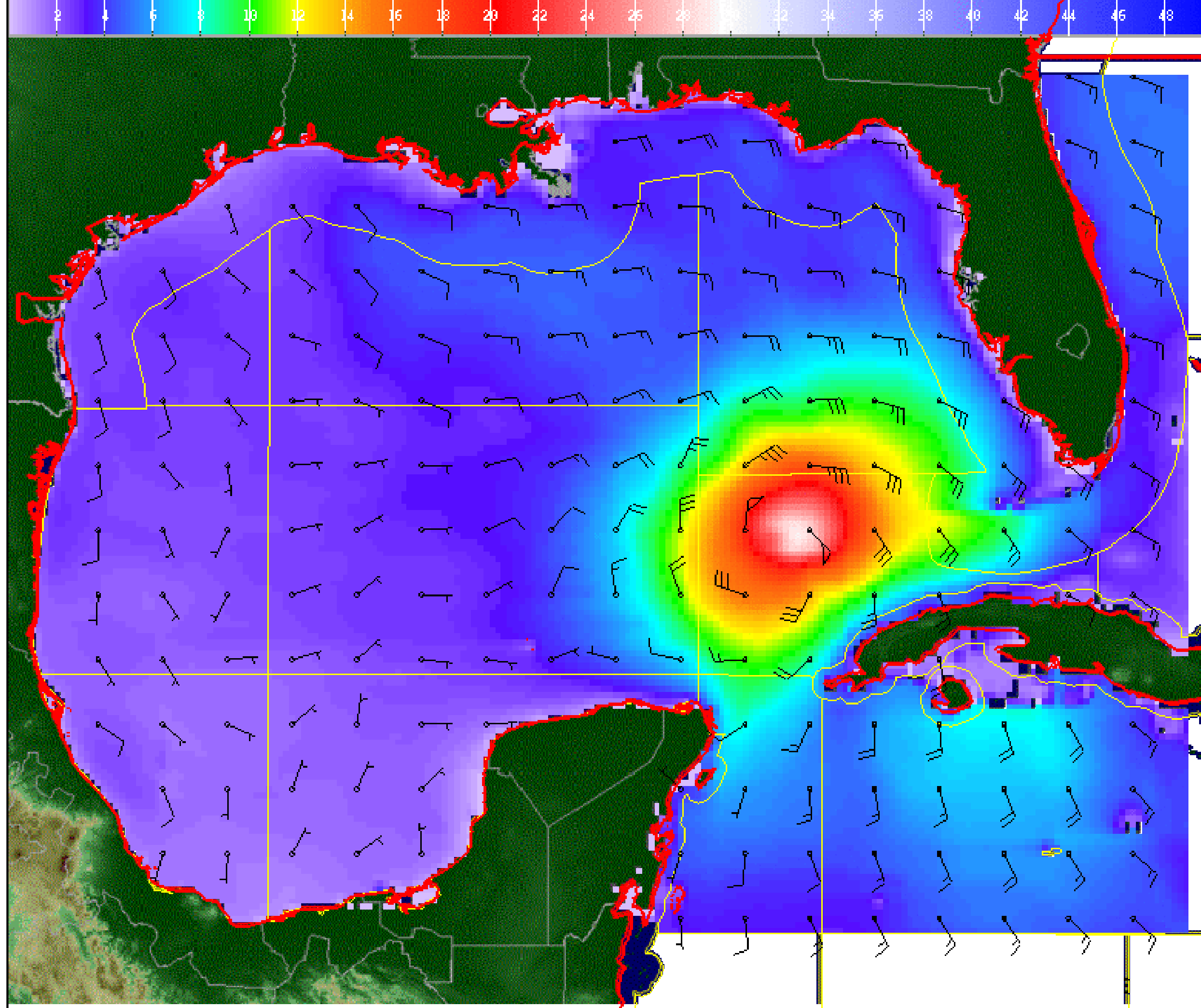
Wind And Waves

Hurricane Ida



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Valid 28 Aug 2021 1200 GMT



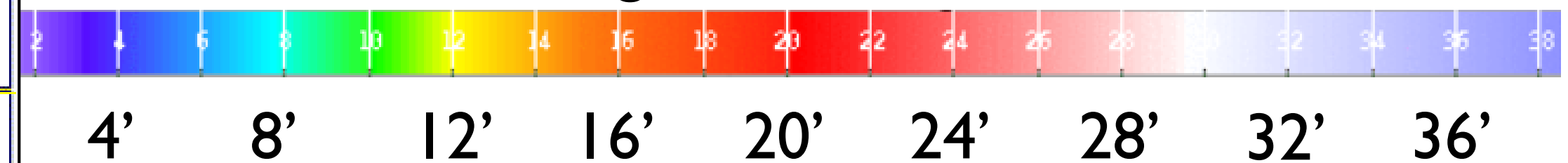
24 Hour Forecast

7 AM CDT Saturday, August 28th

Peak Winds: 95 kt

Peak Seas: 30 ft

■ Wave heights are in feet



NHC/TAFB Gridded Marine Forecasts



8/27/2021 5:34 PM

www.nhc.noaa.gov

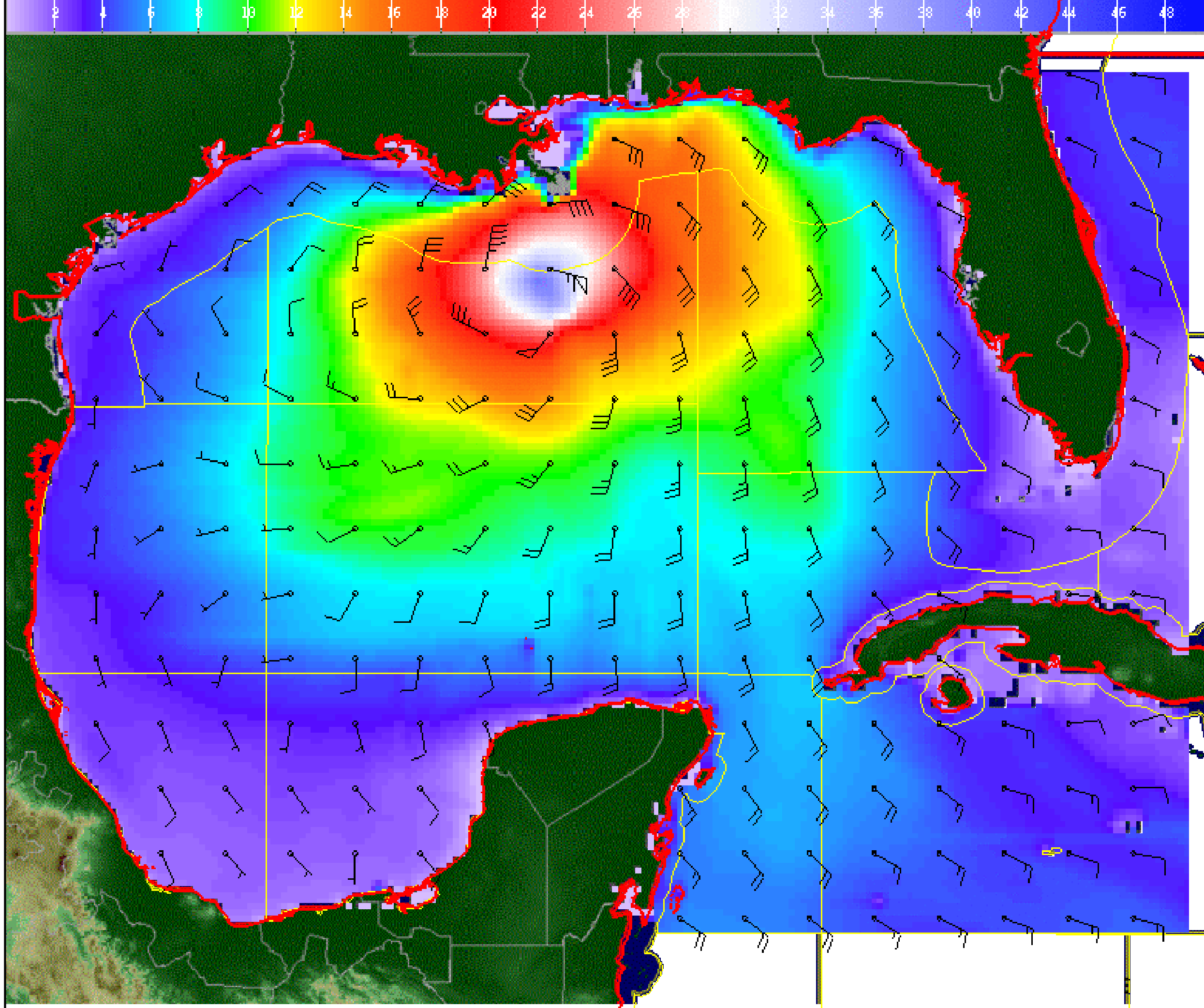
Wind And Waves

Hurricane Ida



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Valid 29 Aug 2021 1200 GMT



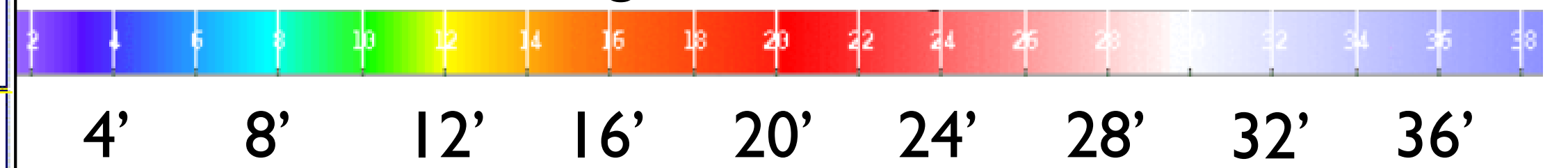
48 Hour Forecast

7 AM CDT, Sunday August 29th

Peak Winds: 120 kt

Peak Seas: 40 ft

■ Wave heights are in feet



NHC/TAFB Gridded Marine Forecasts



8/27/2021 5:34 PM

www.nhc.noaa.gov

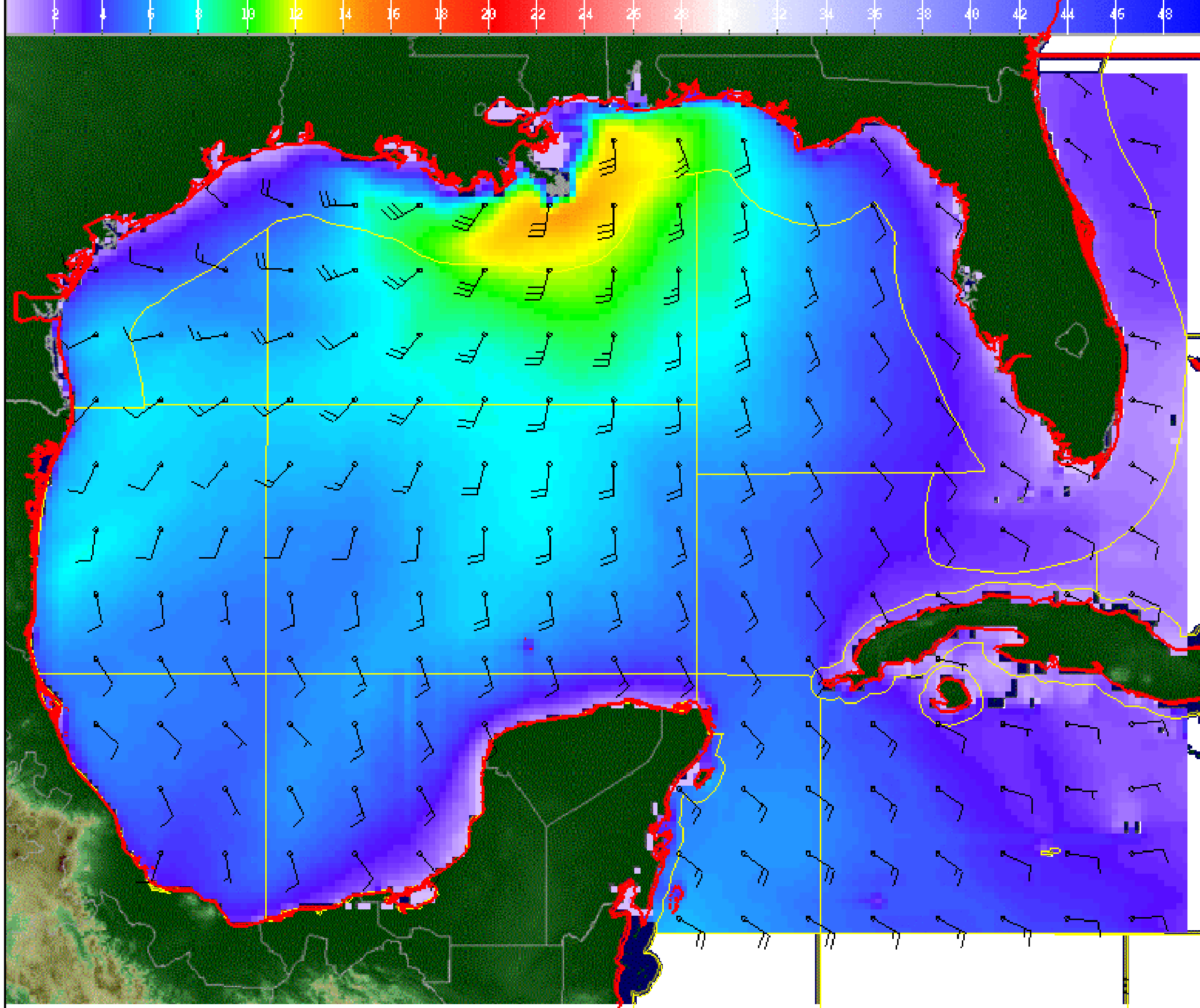
Wind And Waves

Hurricane Ida



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Valid 30 Aug 2021 1200 GMT



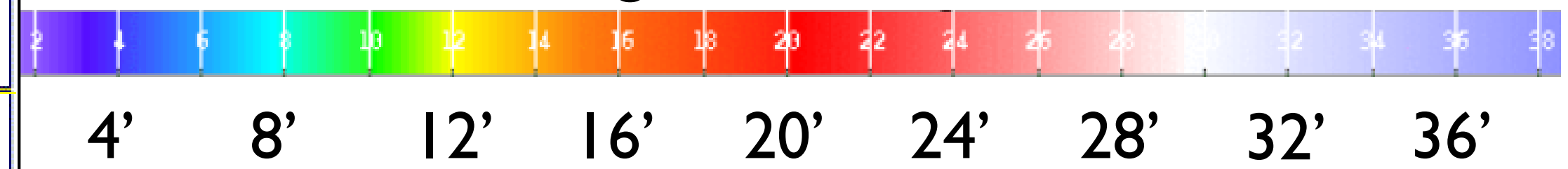
72 Hour Forecast

7 AM CDT, Monday, August 30th

Peak Winds: 30 kt

Peak Seas: 15 ft

■ Wave heights are in feet



NHC/TAFB Gridded Marine Forecasts

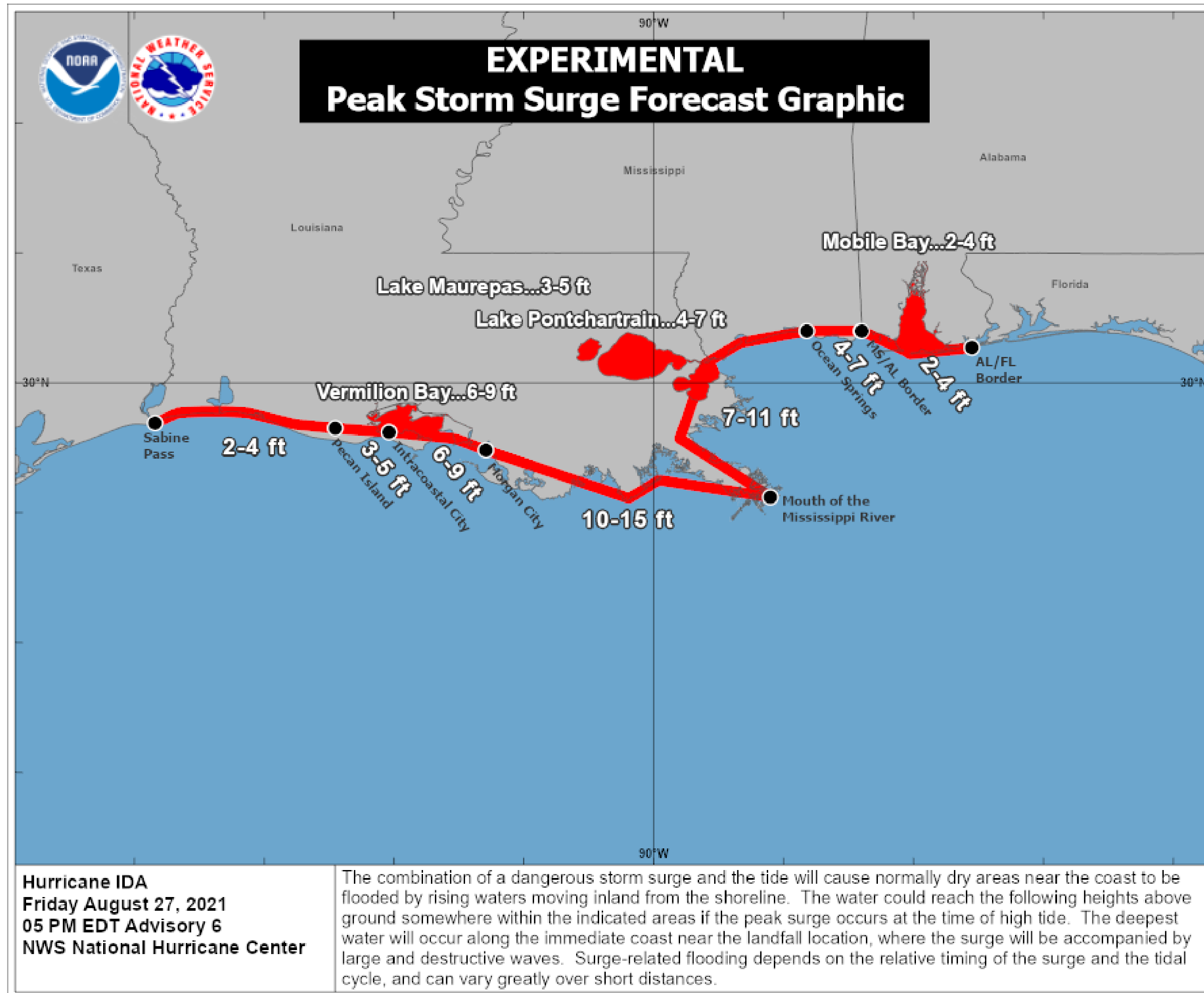


Potential Peak Storm Surge / Watches and Warnings



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Hurricane Ida



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

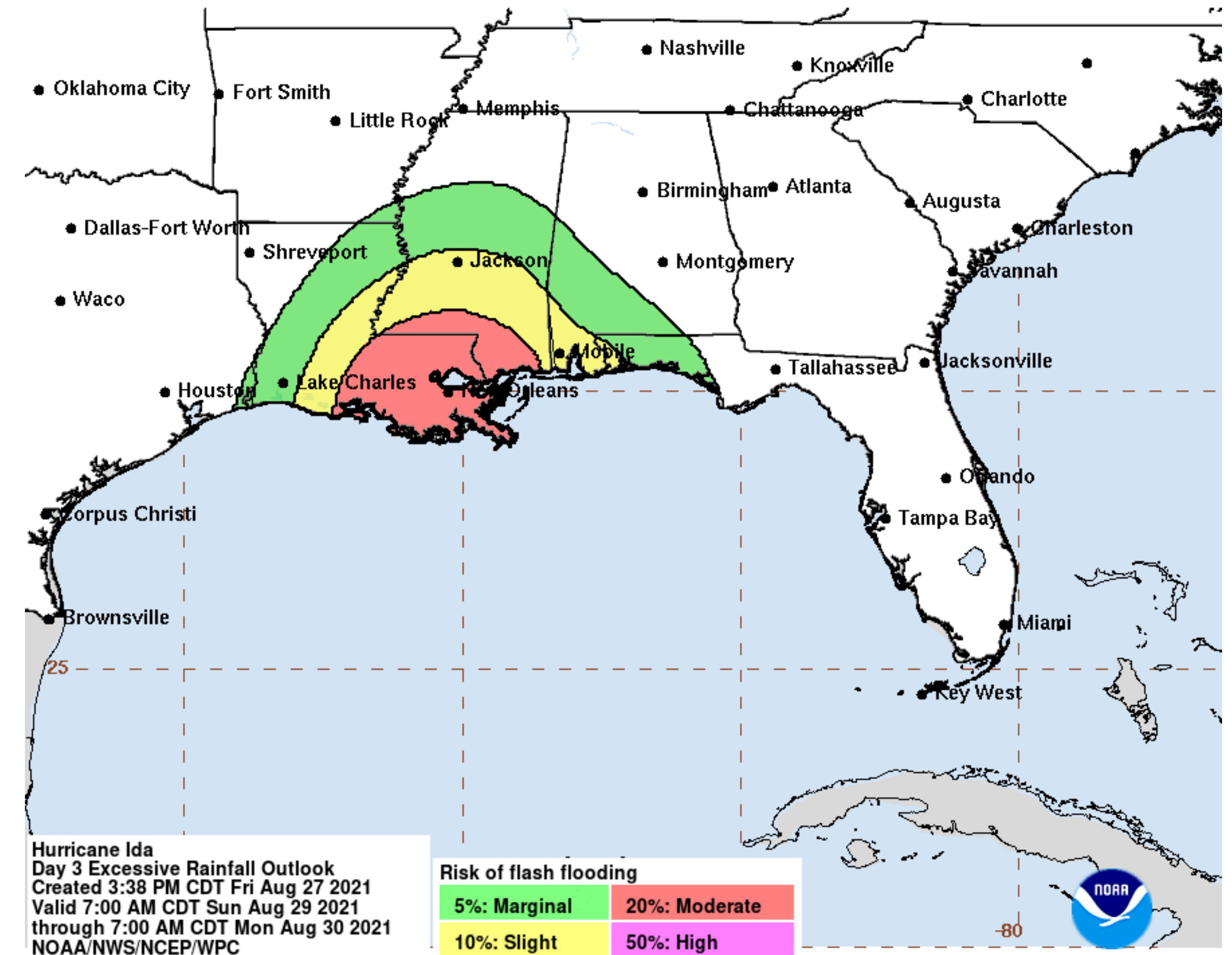
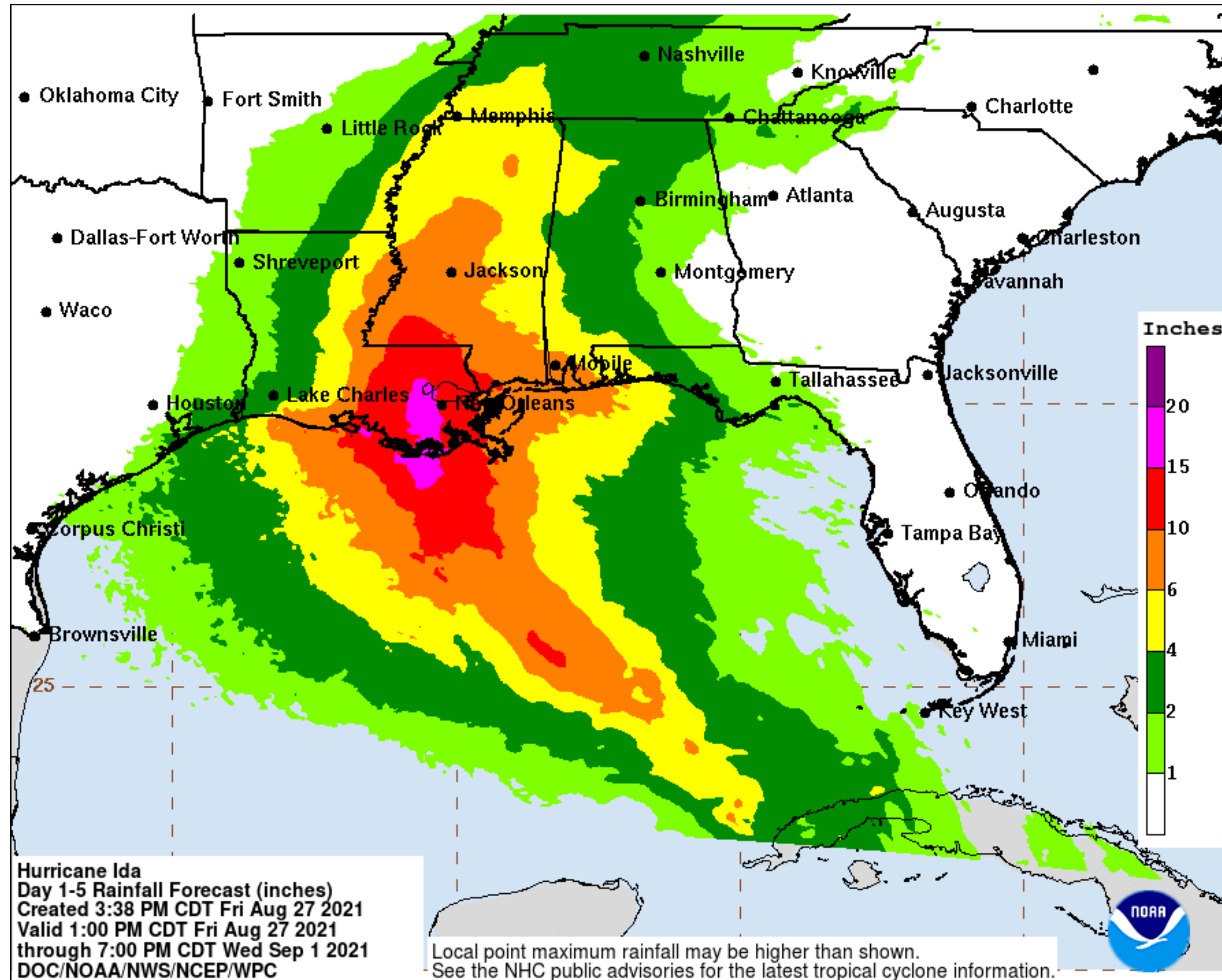
Expected Storm Total Rainfall and Chance of Rainfall Flooding



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Hurricane Ida

Images from NWS Weather Prediction Center



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

HIGH: > 50% **SLGHT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**


Refer to map legend for Valid Time

Key Messages

Hurricane Ida





Tropical Analysis and Forecast Branch
NWS National Hurricane Center



Key Messages for Hurricane Ida

Advisory 6: 5:00 PM EDT Fri Aug 27, 2021



1. Life-threatening storm surge and hurricane conditions are expected to continue through tonight in portions of western Cuba, including the Isle of Youth, where a Hurricane Warning is in effect. Life-threatening heavy rains, flash flooding and mudslides are expected across Jamaica, the Cayman Islands, and western Cuba, including the Isle of Youth.

2. There is a danger of life-threatening storm surge inundation Sunday along the coasts of Louisiana and Mississippi within the Storm Surge Warning area. Extremely life-threatening inundation of 10 to 15 feet above ground level is possible within the area from Morgan City, Louisiana, to the Mouth of the Mississippi River. Interests throughout the warning area should follow any advice given by local officials.

3. Ida is expected to be an extremely dangerous major hurricane when it reaches the coast of Louisiana. Hurricane-force winds are expected Sunday in portions of the Hurricane Warning area along the Louisiana coast, including metropolitan New Orleans, with potentially catastrophic wind damage possible where the core of Ida moves onshore. Actions to protect life and property should be rushed to completion in the warning area.

4. Ida is likely to produce heavy rainfall later Sunday into Monday across the central Gulf Coast from southeast Louisiana to coastal Mississippi and Alabama, resulting in considerable flash, urban, small stream, and riverine flooding impacts. As Ida moves inland, flooding impacts are possible across portions of the Lower Mississippi and Tennessee Valleys.

For more information go to hurricanes.gov

Marine Key Messages:

- Seas will quickly build to over 20 ft later this evening as Hurricane Ida emerges off the northwest Cuban coast
- Seas will be over 35 ft on Saturday afternoon through Sunday, peaking near 40 ft Sunday morning

IMPACTS FOR D8 (through next 5 days)

Winds – **Extreme**

Storm Surge – **Extreme**

Rainfall/Flash Flooding – **Extreme**

Tornadoes – **Low**

Waves - **Extreme**



HURRICANE IDA BRIEFING

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

*The Next Briefing Will Be:
Saturday, 8:30 AM CDT*

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

