

IMPACTS FOR D8 (through next 5 days)

Winds – Extreme

Storm Surge – Extreme

Rainfall/Flash Flooding – Extreme

Tornadoes – Low

Waves - Extreme

HURRICANE IDA BRIEFING

10:00 AM CDT

Saturday, August 28, 2021

Prepared by:

Amanda Reinhart

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

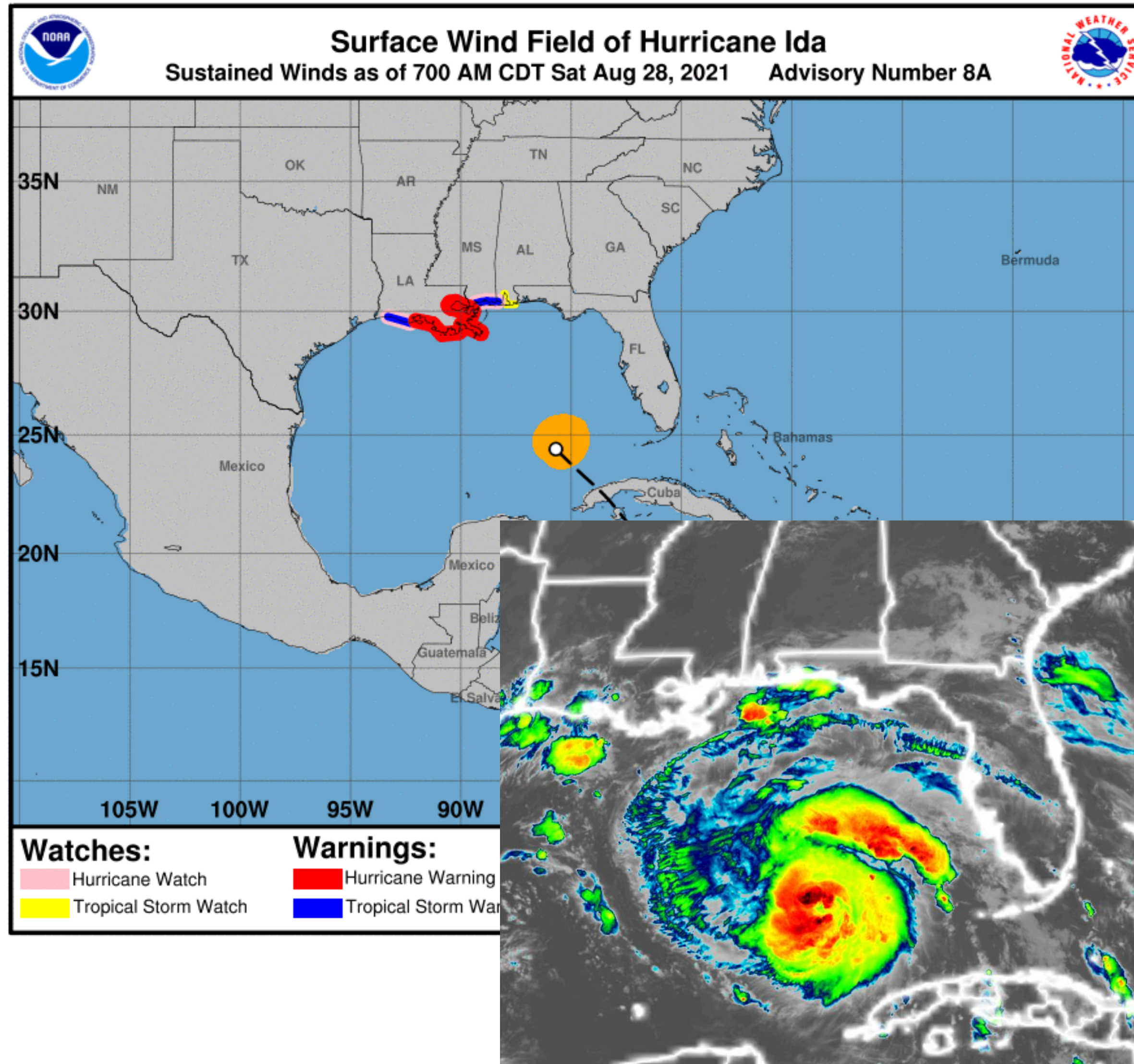


Situation Overview

Hurricane Ida



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NWS National Hurricane Center



...IDA EXPECTED TO RAPIDLY INTENSIFY THROUGH TONIGHT...

...PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION TODAY...

SUMMARY OF 700 AM CDT INFORMATION

LOCATION...24.4N 85.7W
ABOUT 330 NM SSE OF THE MOUTH OF THE MISSISSIPPI RIVER
ABOUT 380 NM SSE OF NEW ORLEANS LOUISIANA
MAXIMUM SUSTAINED WINDS...75 KT
PRESENT MOVEMENT...NW AT 14 KT

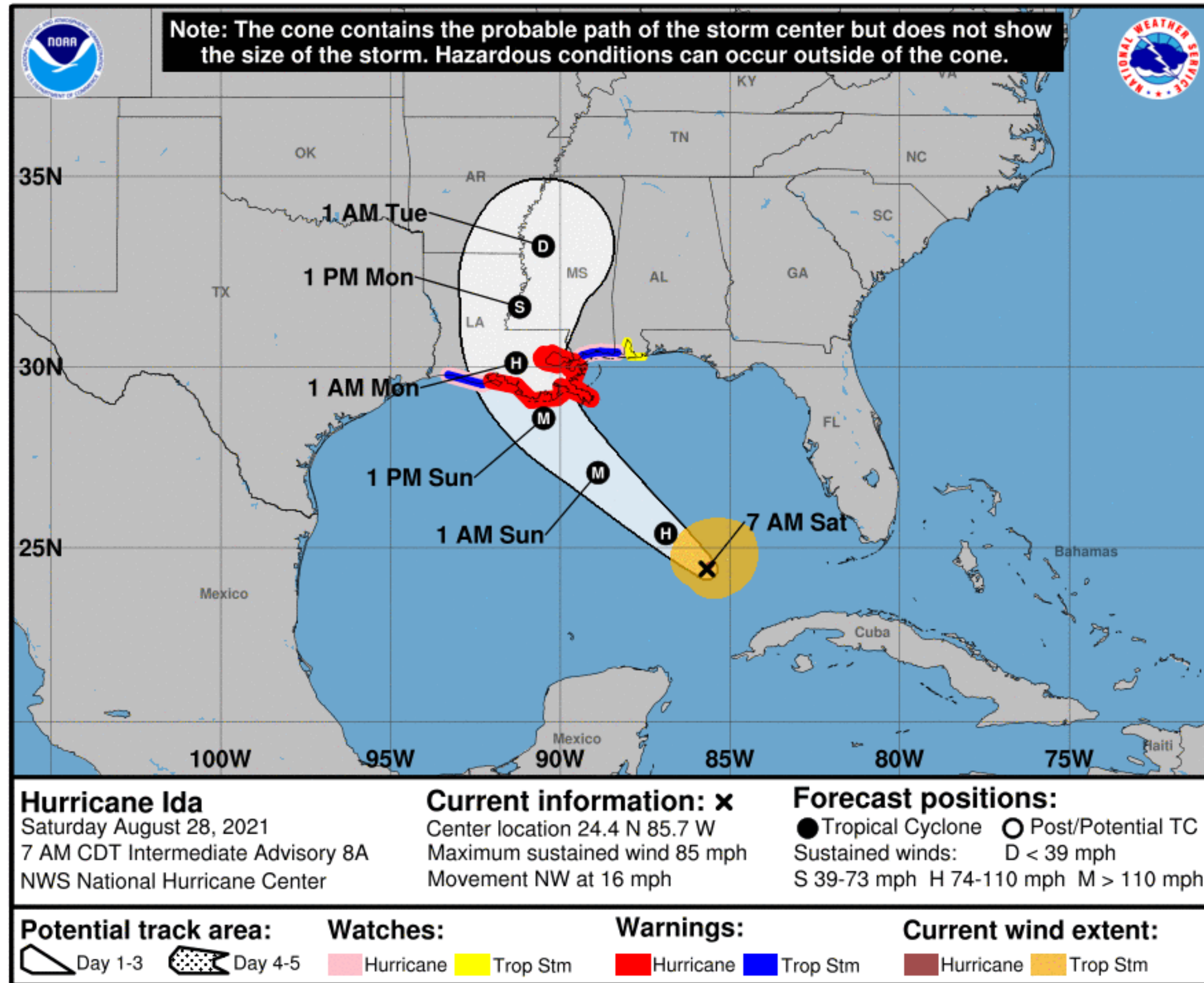
PEAK SEAS: 28 FT
12 FT SEAS..120NE 60SE 60SW 120NW.

Forecast Information

Hurricane Ida



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- The system will continue moving towards the west-northwest through Sunday night
- The system is expected to strengthen into a major hurricane late tonight
- Landfall expected as a major (Category 4) hurricane likely on Sunday into Sunday night along the southeast or central Louisiana coast

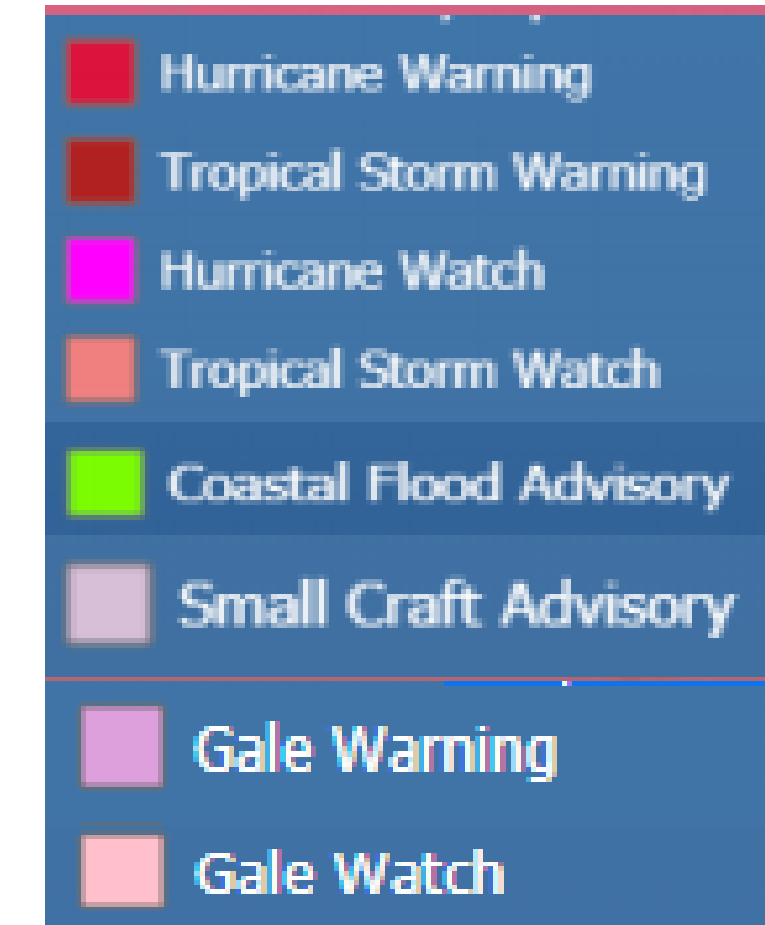
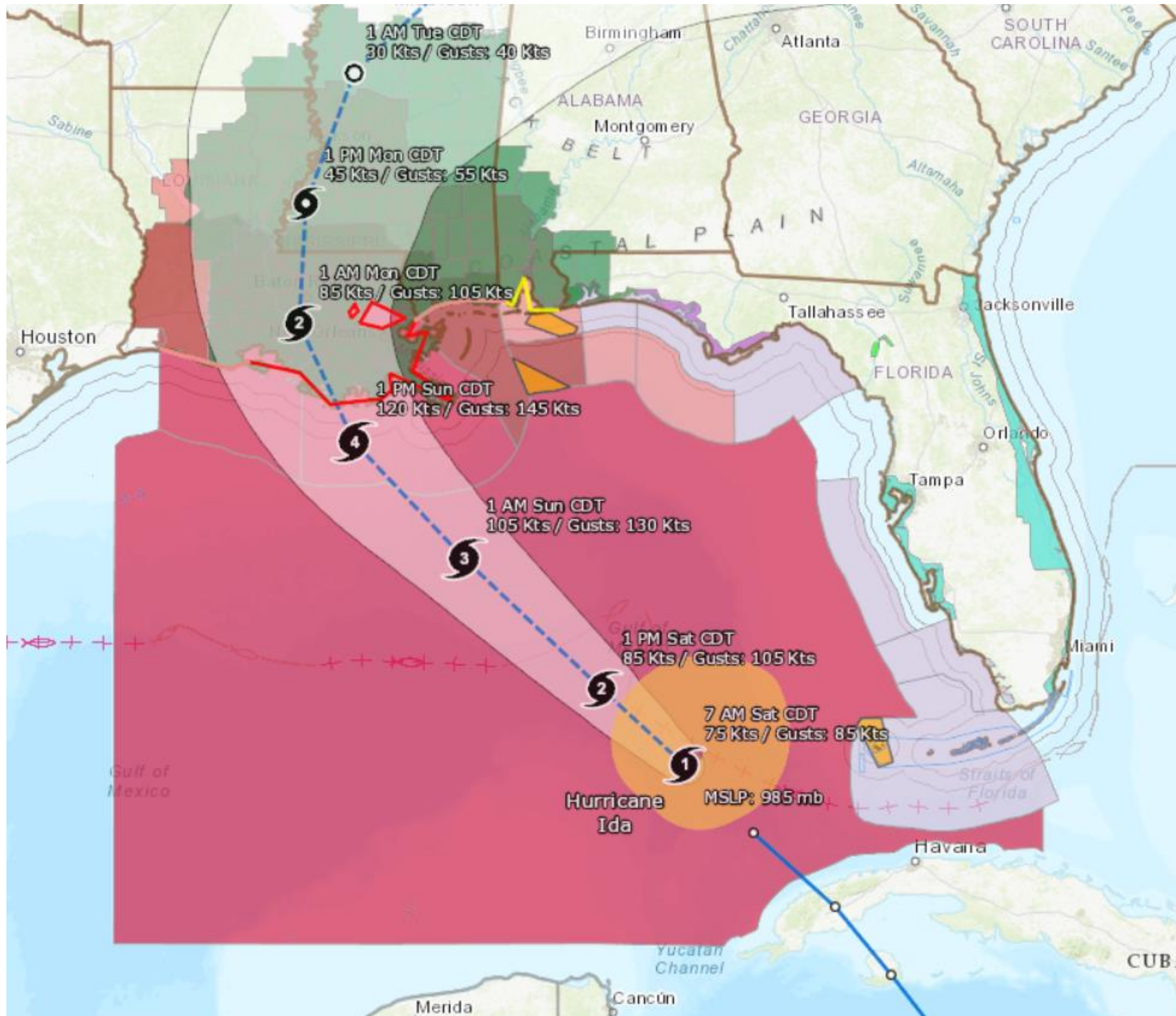
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

Hazards Map

Hurricane Ida



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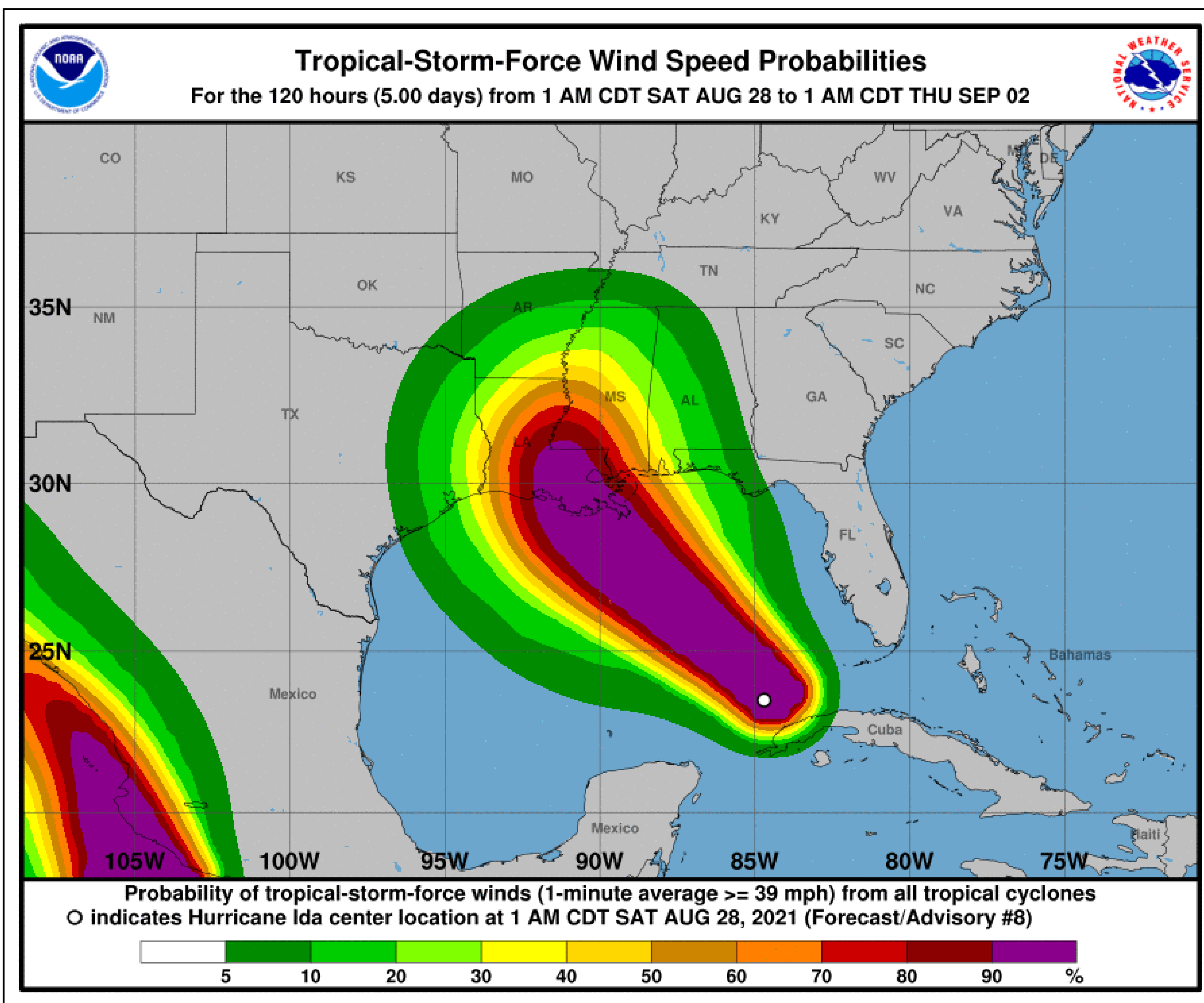


T.S. Wind Speed Probabilities

Hurricane Ida



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- Pensacola – 25%
- Mobile – 45%
- Gulfport – 70%
- Stennis – 80%
- Buras – 90%
- New Orleans – 95%
- Morgan City – 100%
- Lafayette – 90%
- New Iberia – 90%
- Lake Charles – 60%
- Cameron – 60%
- Port Arthur – 35%
- Galveston – 20%
- High Island – 25%

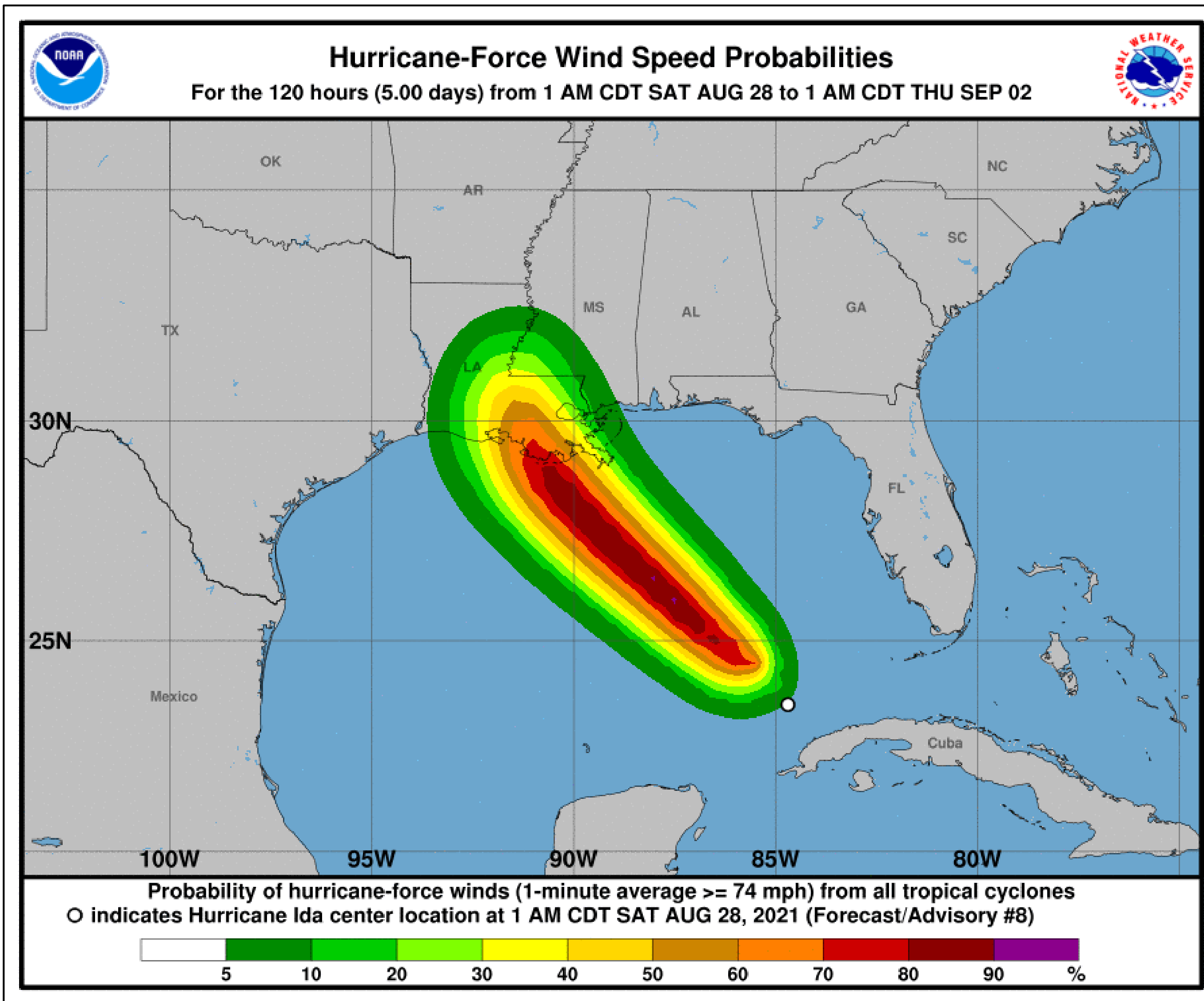
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color bar below the image for more details.

Hurricane Wind Speed Probabilities



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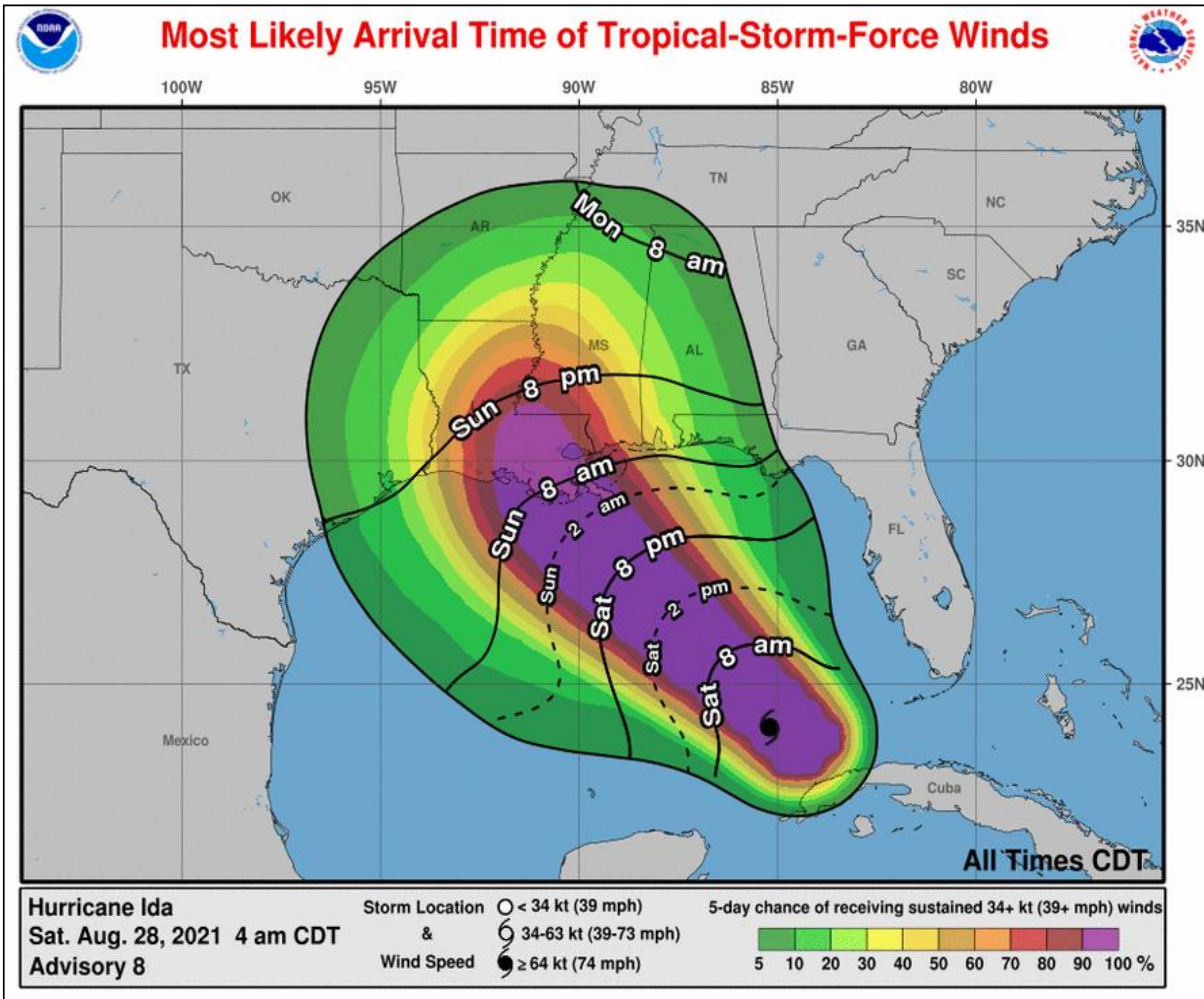
Hurricane Ida



- Stennis – 15%
 - Gulfport – 10%
 - Buras – 30%
 - New Orleans – 40%
 - Morgan City – 55%
 - Lafayette – 35%
 - New Iberia – 40%
 - 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.



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.

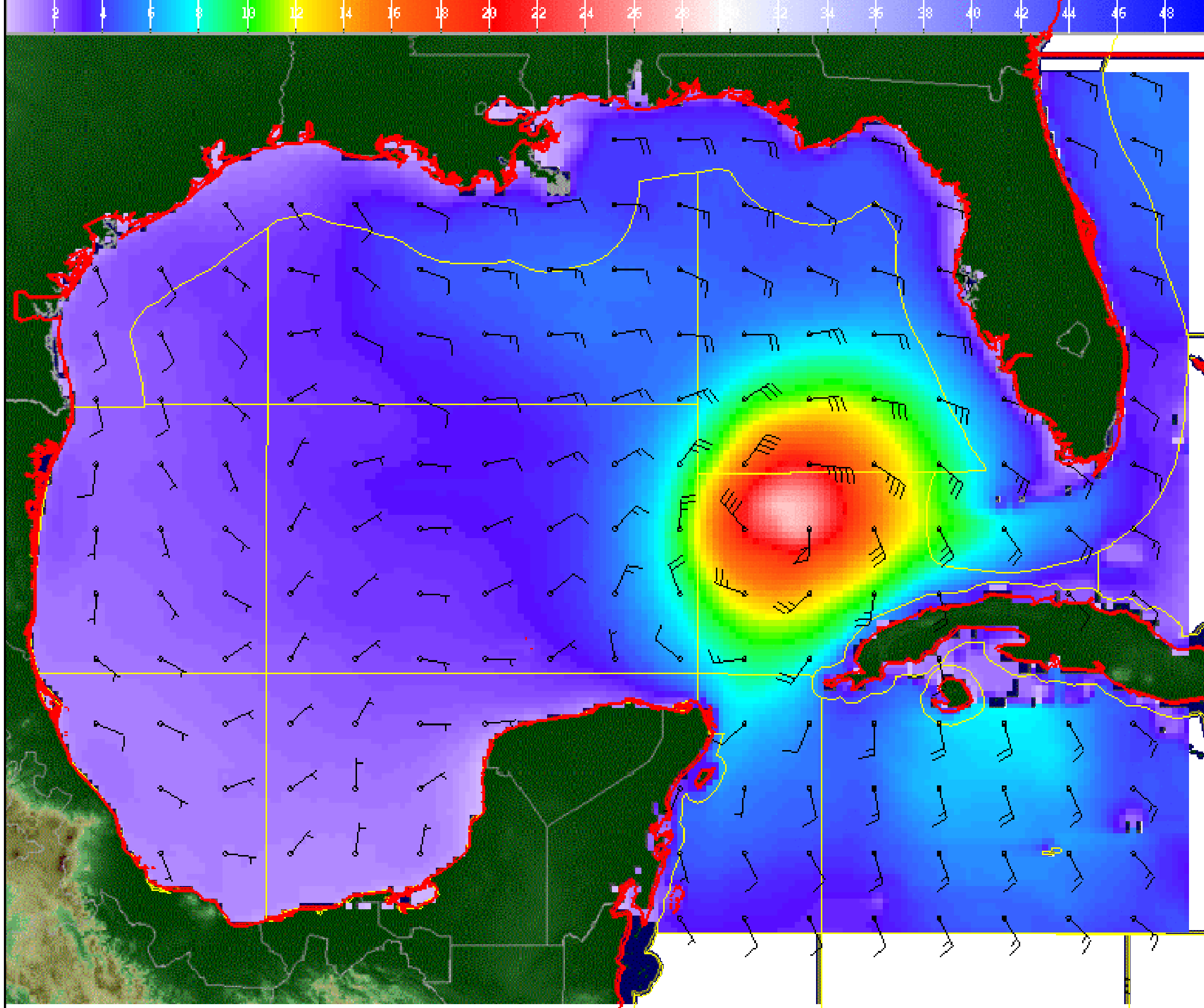
Wind And Waves

Hurricane Ida



Tropical Analysis and Forecast Branch
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Valid 28 Aug 2021 1200 GMT

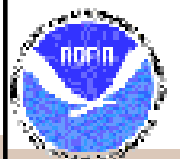
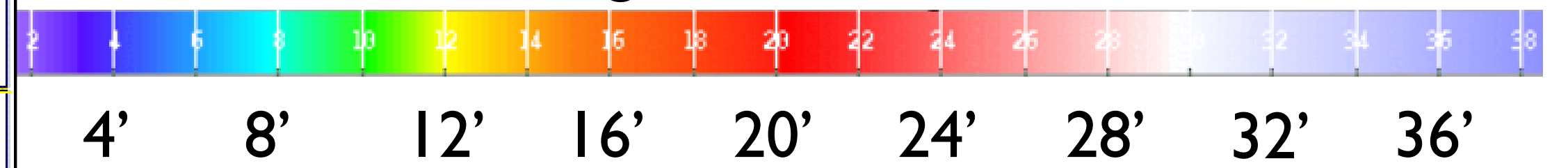


Current Conditions

Peak Winds: 75 kt

Peak Seas: 28 ft

■ Wave heights are in feet



NHC/TAFB Gridded Marine Forecasts



8/28/2021 10:32 AM

www.nhc.noaa.gov

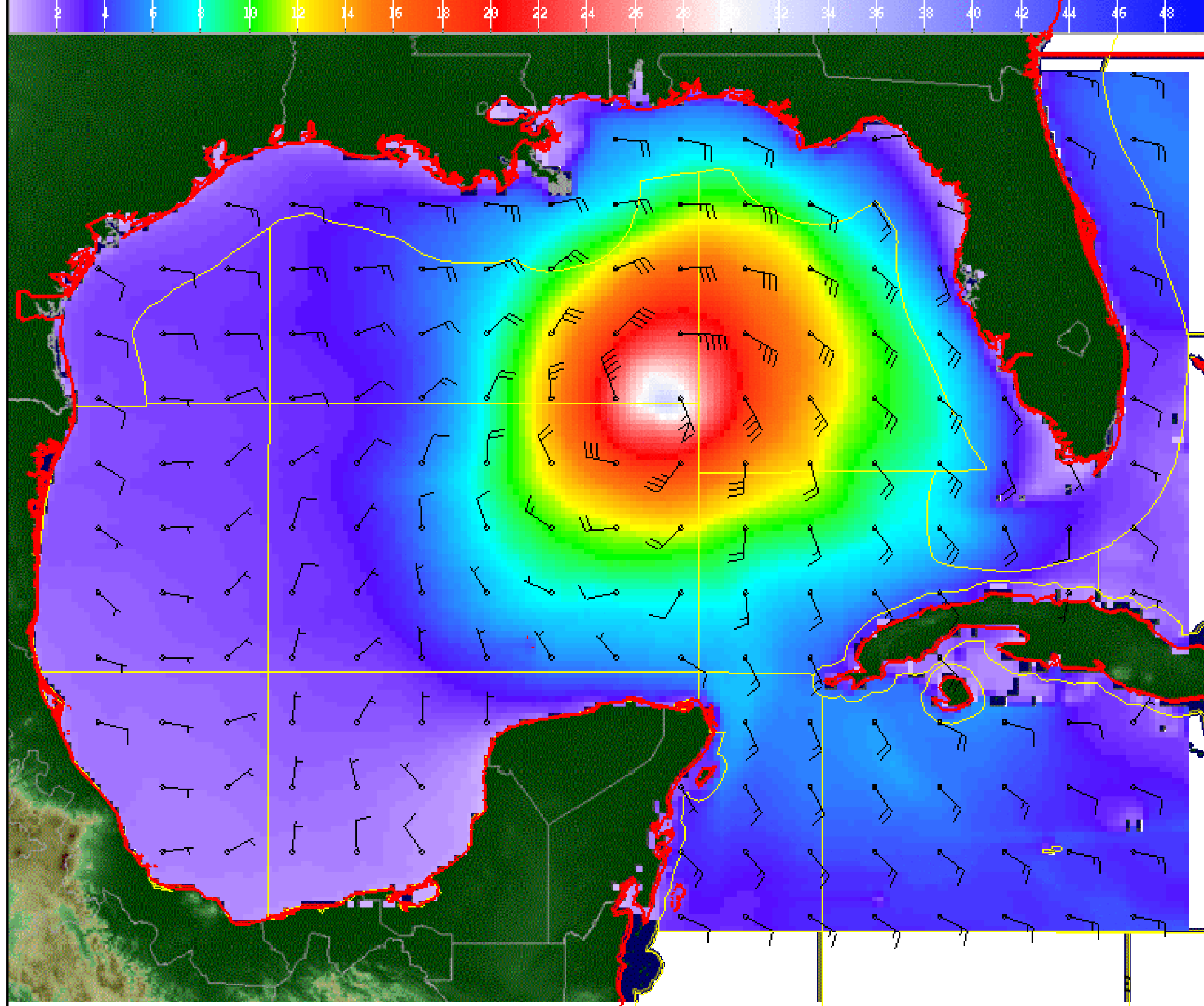
Wind And Waves

Hurricane Ida



Tropical Analysis and Forecast Branch
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Valid 29 Aug 2021 0000 GMT



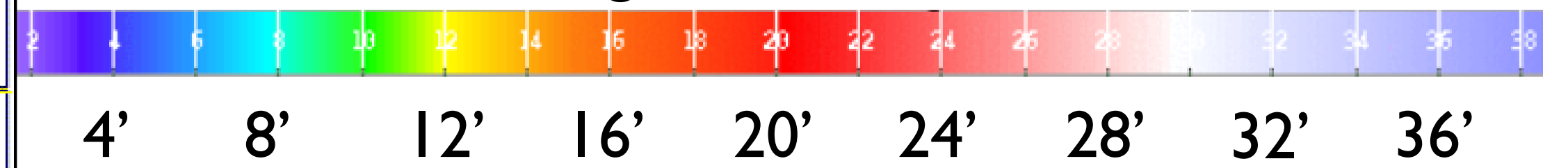
12 Hour Forecast

7 PM CDT Saturday, August 28th

Peak Winds: 95 kt

Peak Seas: 34 ft

■ Wave heights are in feet



NHC/TAFB Gridded Marine Forecasts

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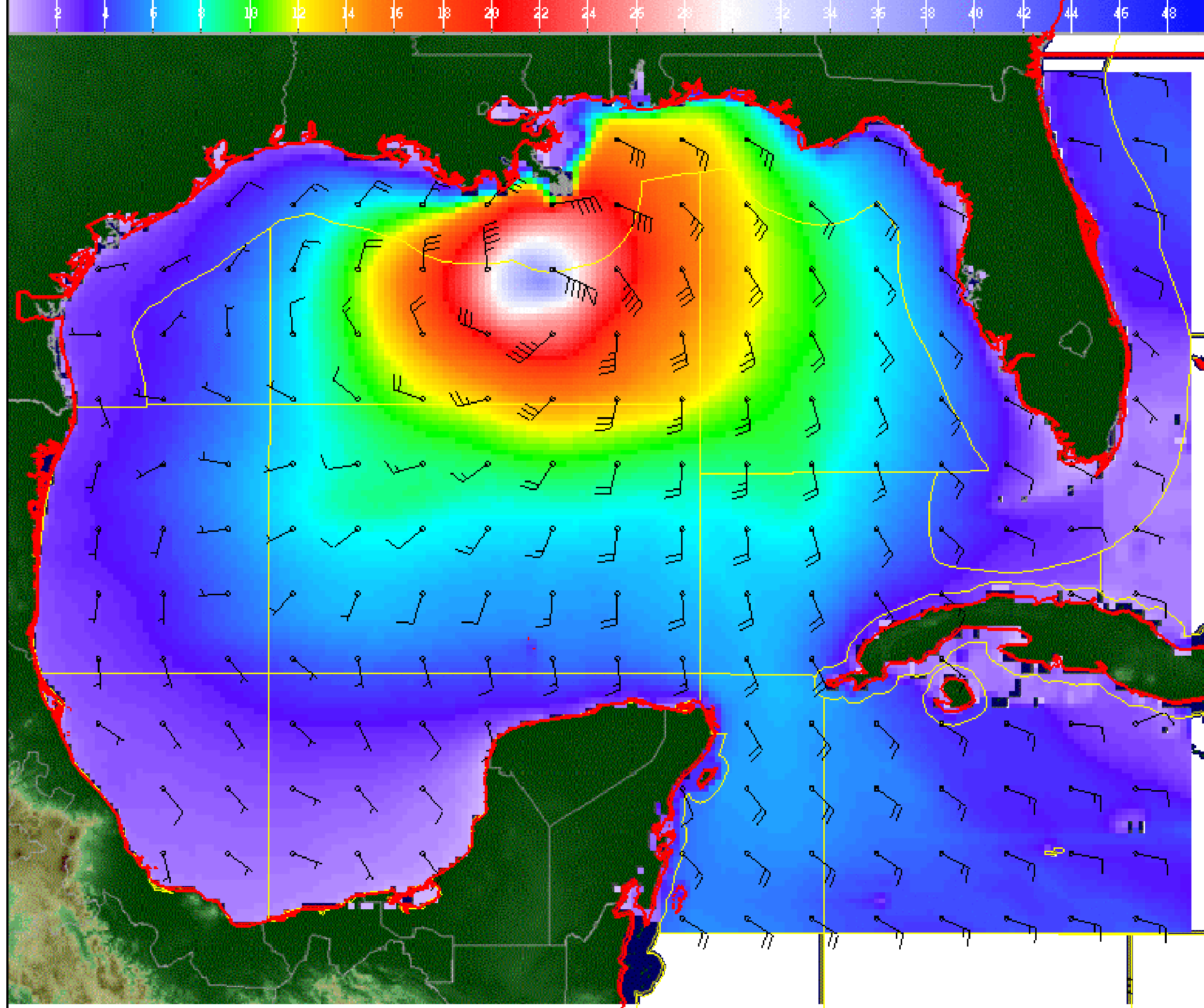
Wind And Waves

Hurricane Ida



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Valid 29 Aug 2021 1200 GMT



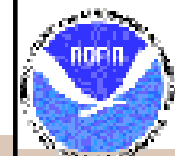
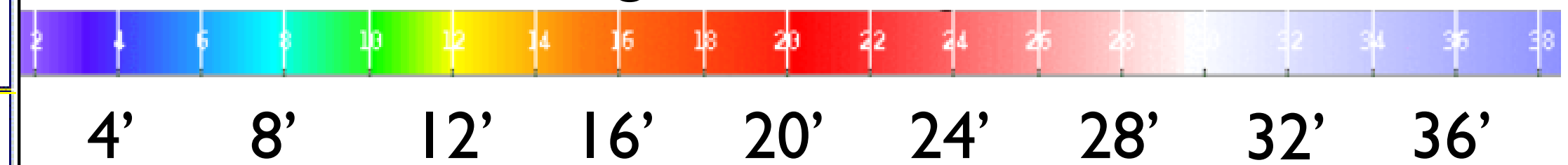
24 Hour Forecast

7 AM CDT Sunday, August 29th

Peak Winds: 115 kt

Peak Seas: 40 ft

■ Wave heights are in feet



NHC/TAFB Gridded Marine Forecasts



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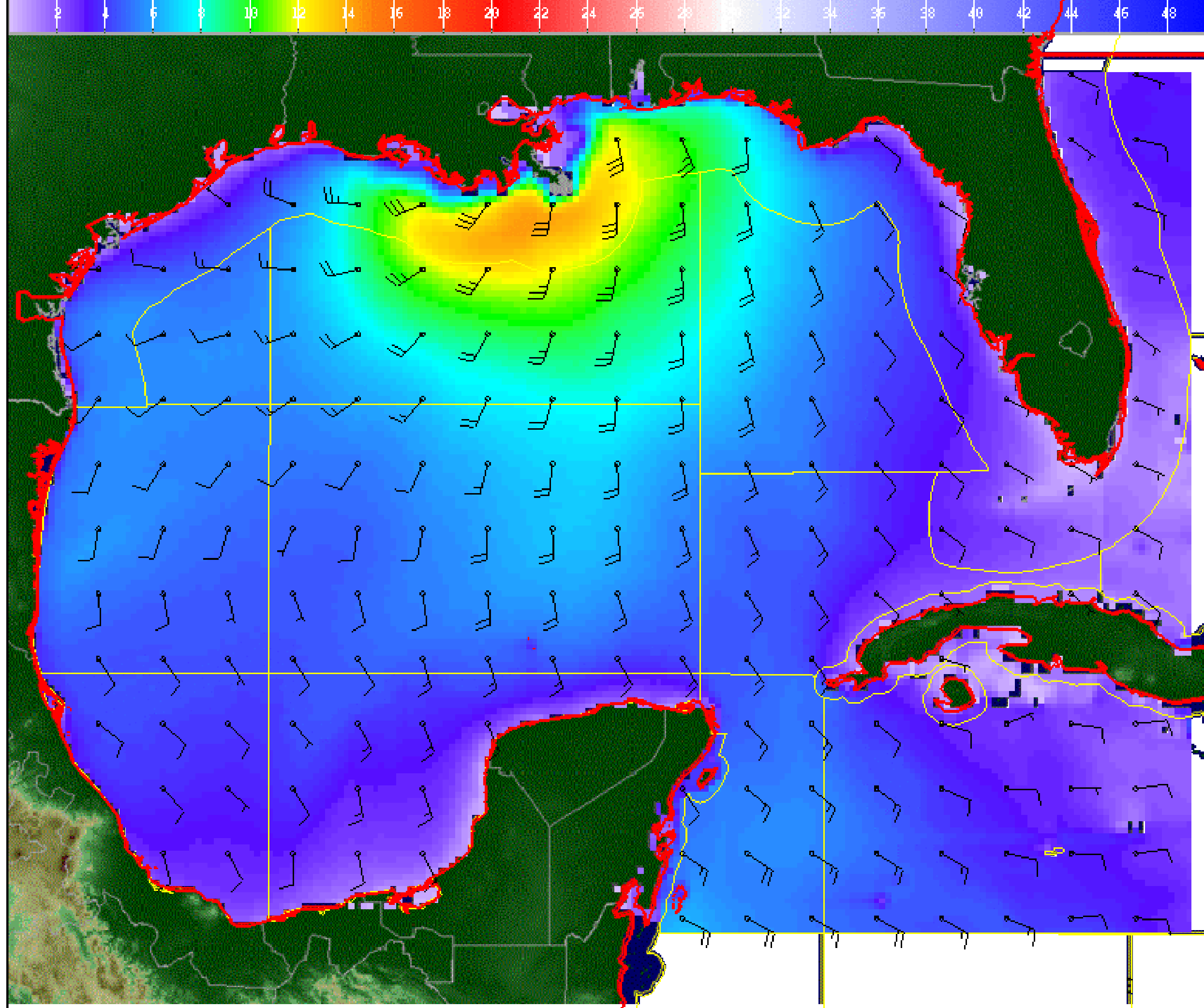
Wind And Waves

Hurricane Ida



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Valid 30 Aug 2021 1200 GMT



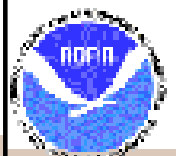
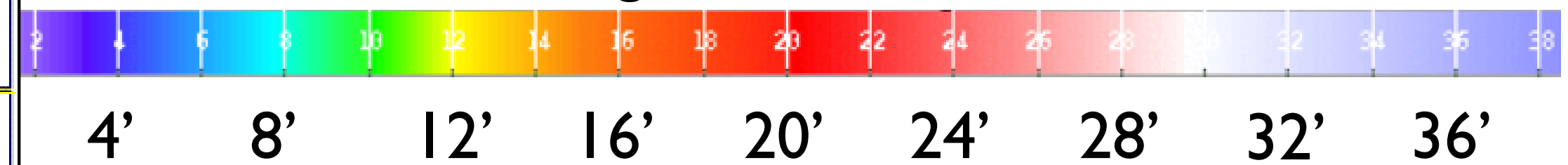
48 Hour Forecast

7 AM CDT Monday, August 30th

Peak Winds: 30 kt

Peak Seas: 14 ft

■ Wave heights are in feet



NHC/TAFB Gridded Marine Forecasts



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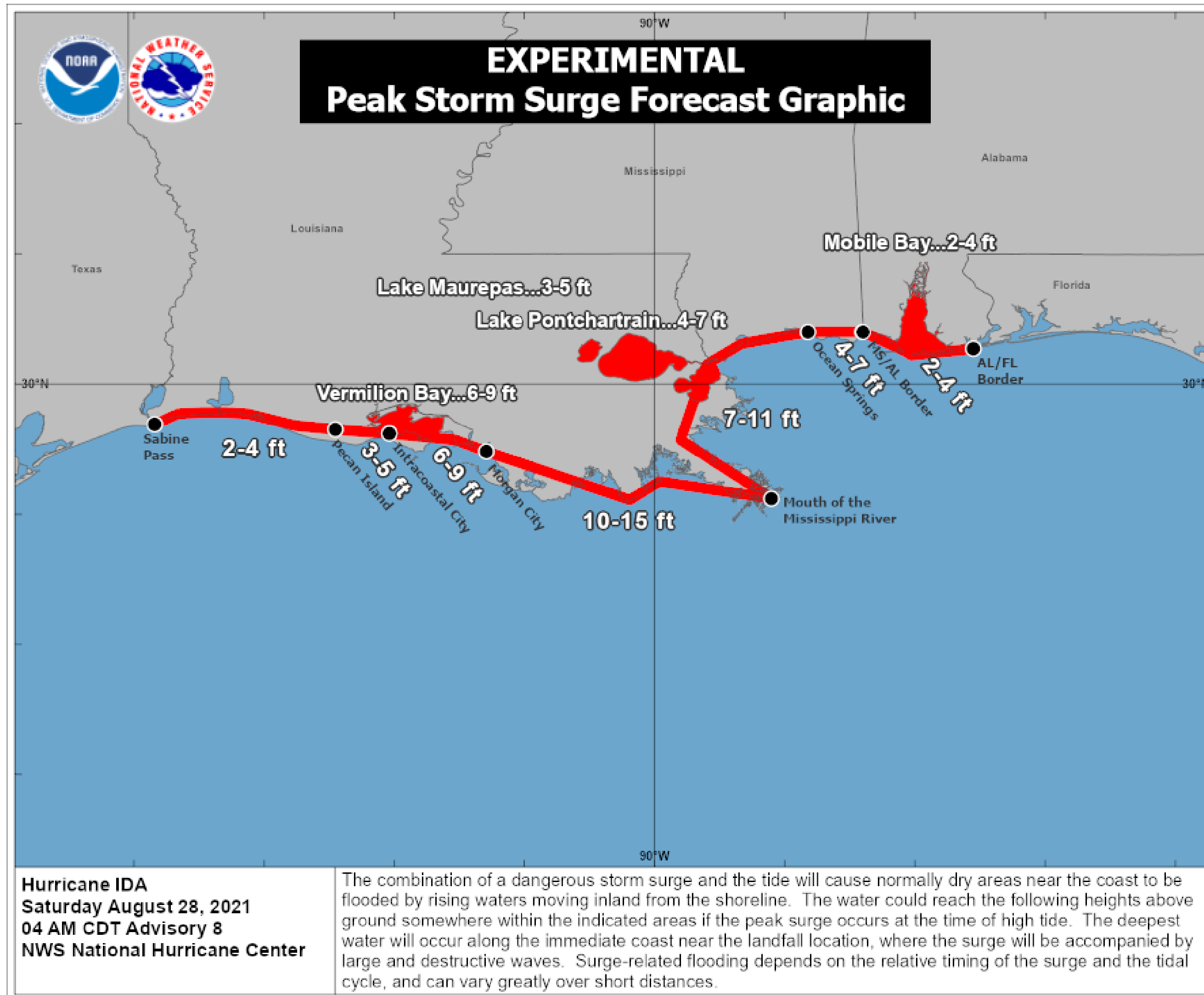
www.nhc.noaa.gov

Potential Peak Storm Surge / Watches and Warnings



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Hurricane Ida



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

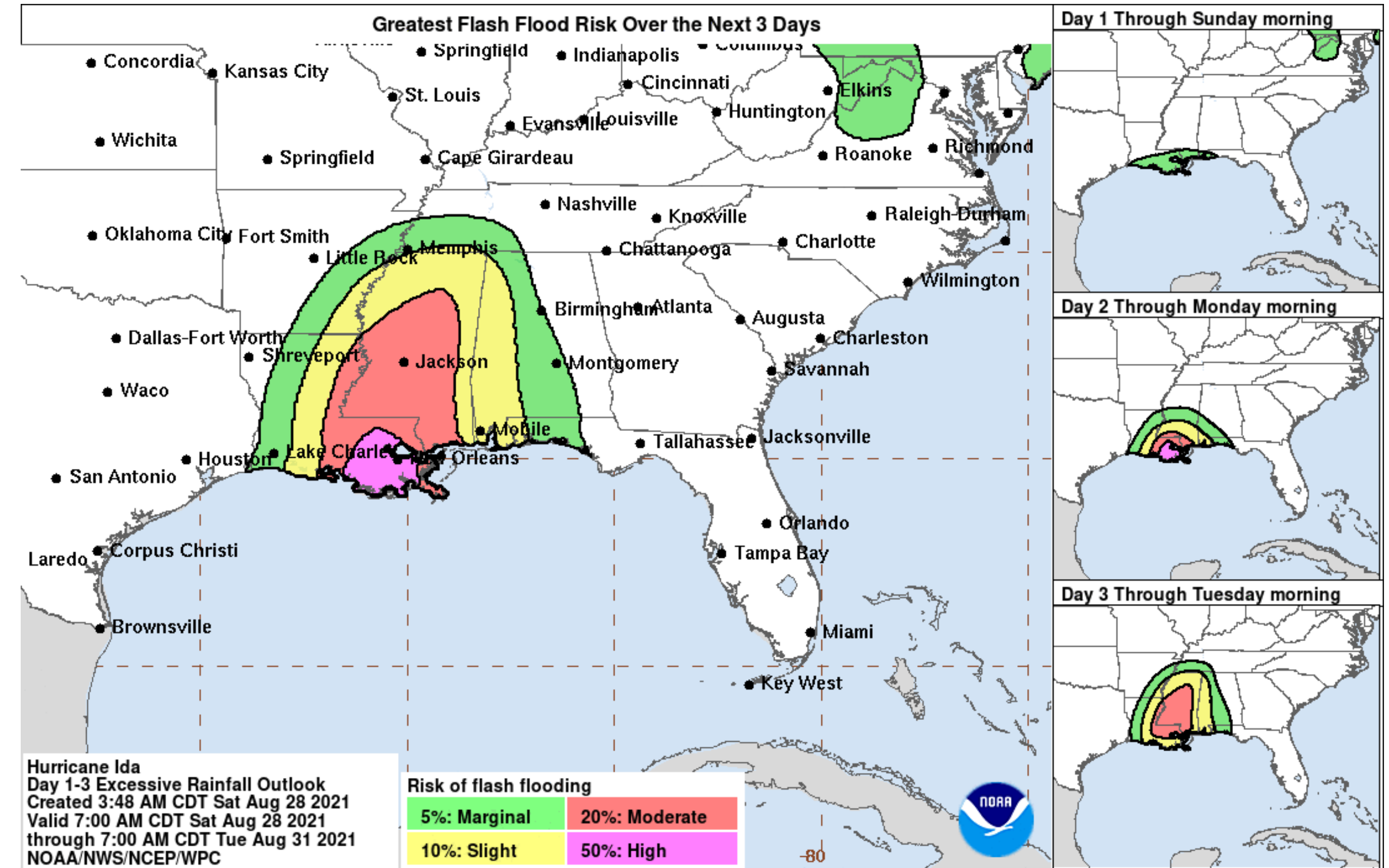
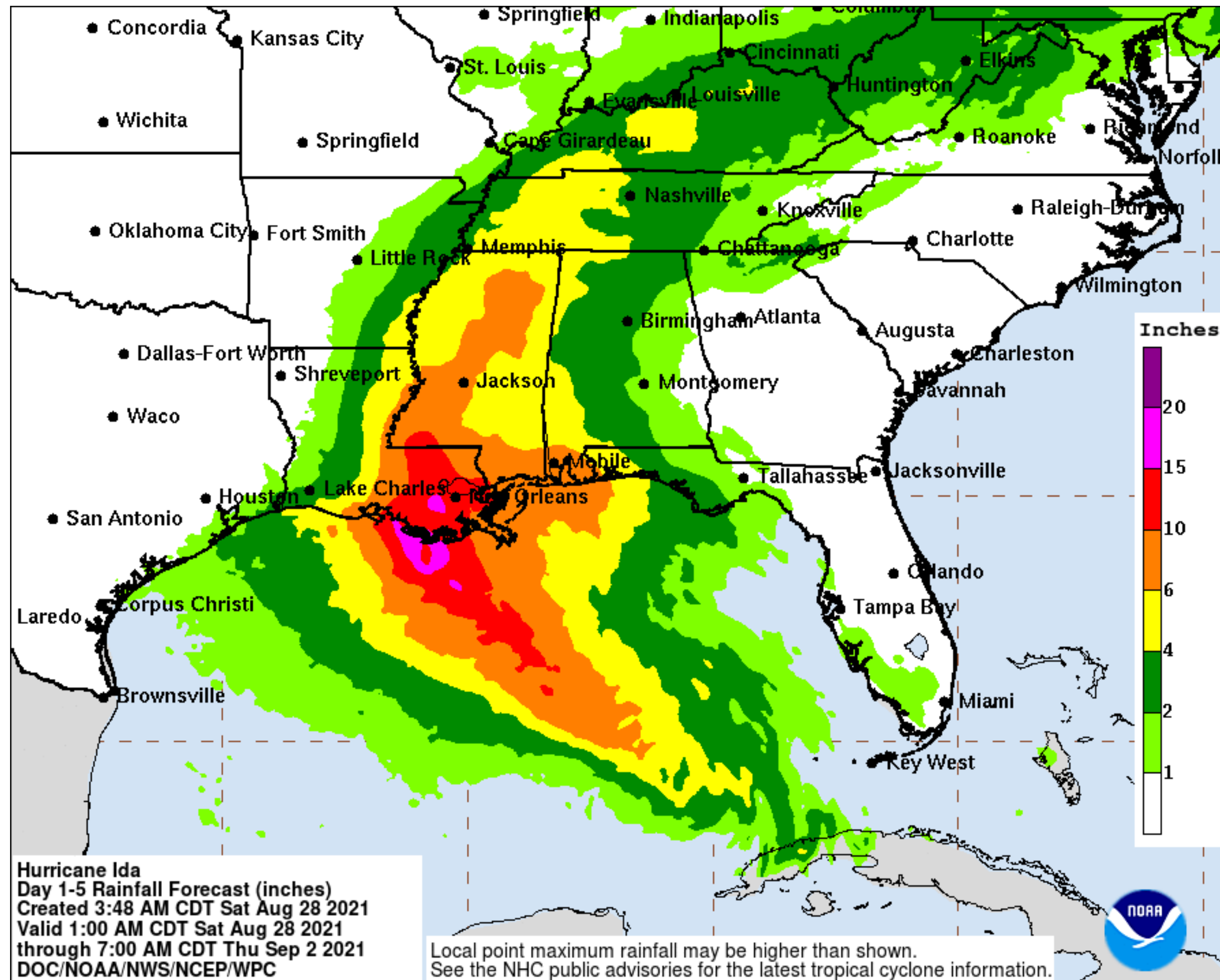
Expected Storm Total Rainfall and Chance of Rainfall Flooding



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Hurricane Ida

Images from NWS Weather Prediction Center



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

Key Messages

Hurricane Ida



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



Key Messages for Hurricane Ida Advisory 8: 4:00 AM CDT Sat Aug 28, 2021



1. Hurricane and tropical storm conditions are ending over Cuba. However, Ida will continue to bring periods of heavy rain across western Cuba through today that may lead to flash flooding and mudslides.

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 resulting in significant flash 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 continue to build to near 40 ft tonight into Sunday morning as Ida nears the Louisiana coast
- As Ida makes landfall, marine conditions will quickly recover with seas dropping below 12 ft by Mon afternoon

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 5:00 PM CDT*

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



NHC_TAFB

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