

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

Saturday, August 28, 2021

Prepared by:

Amanda Reinhart

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

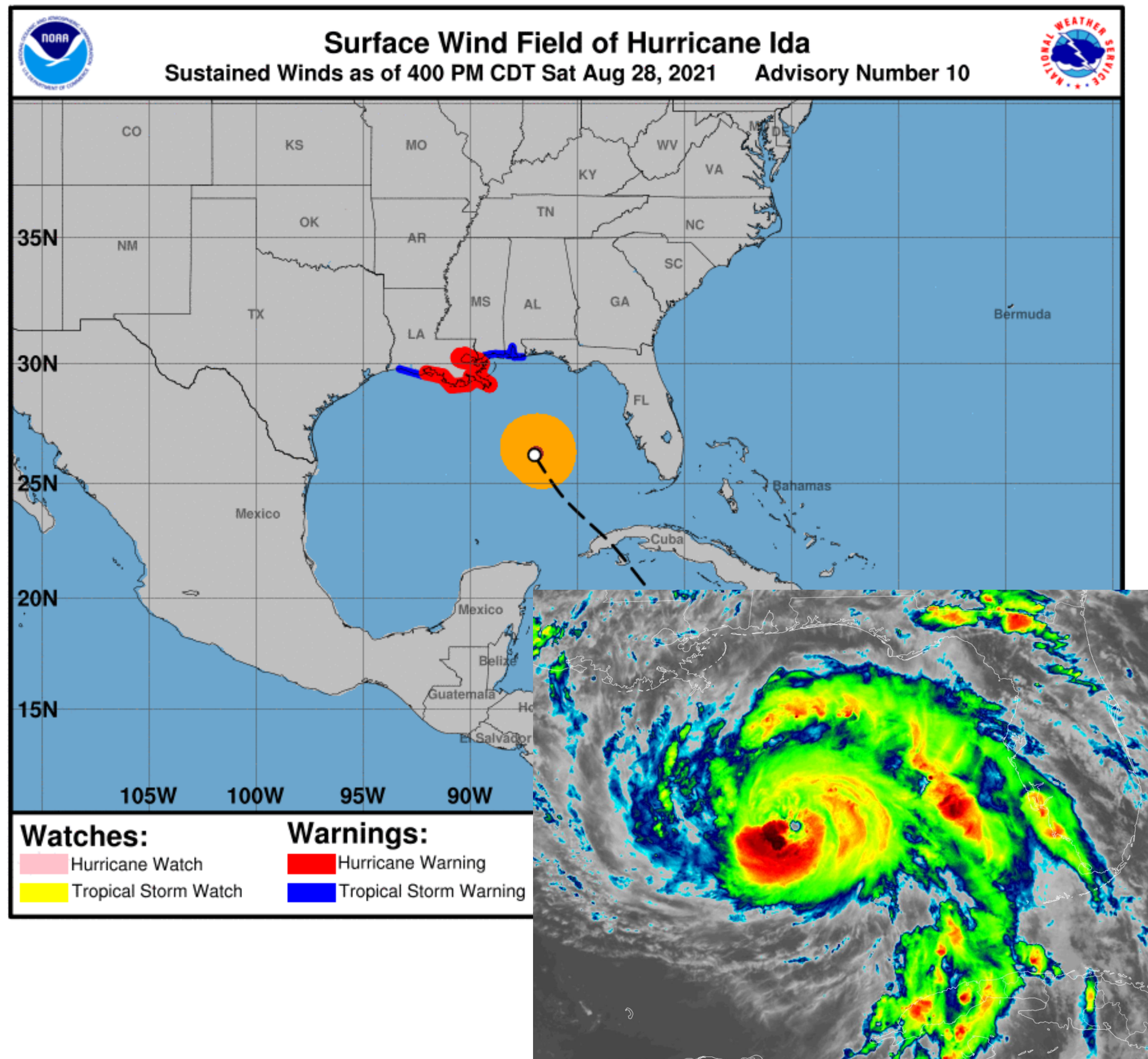


Situation Overview

Hurricane Ida



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**...IDA RAPIDLY STRENGTHENING OVER
THE GULF OF MEXICO...**

**...LIFE-THREATENING HAZARDS
EXPECTED TO IMPACT THE NORTHERN
GULF COAST BEGINNING SUNDAY...**

SUMMARY OF 400 PM CDT INFORMATION:

LOCATION...26.2N 87.0W
ABOUT 200 NM SSE OF THE MOUTH OF THE
MISSISSIPPI RIVER
ABOUT 280 NM SE OF HOUMA LOUISIANA
MAXIMUM SUSTAINED WINDS...90 KT
PRESENT MOVEMENT...NW AT 14 KT

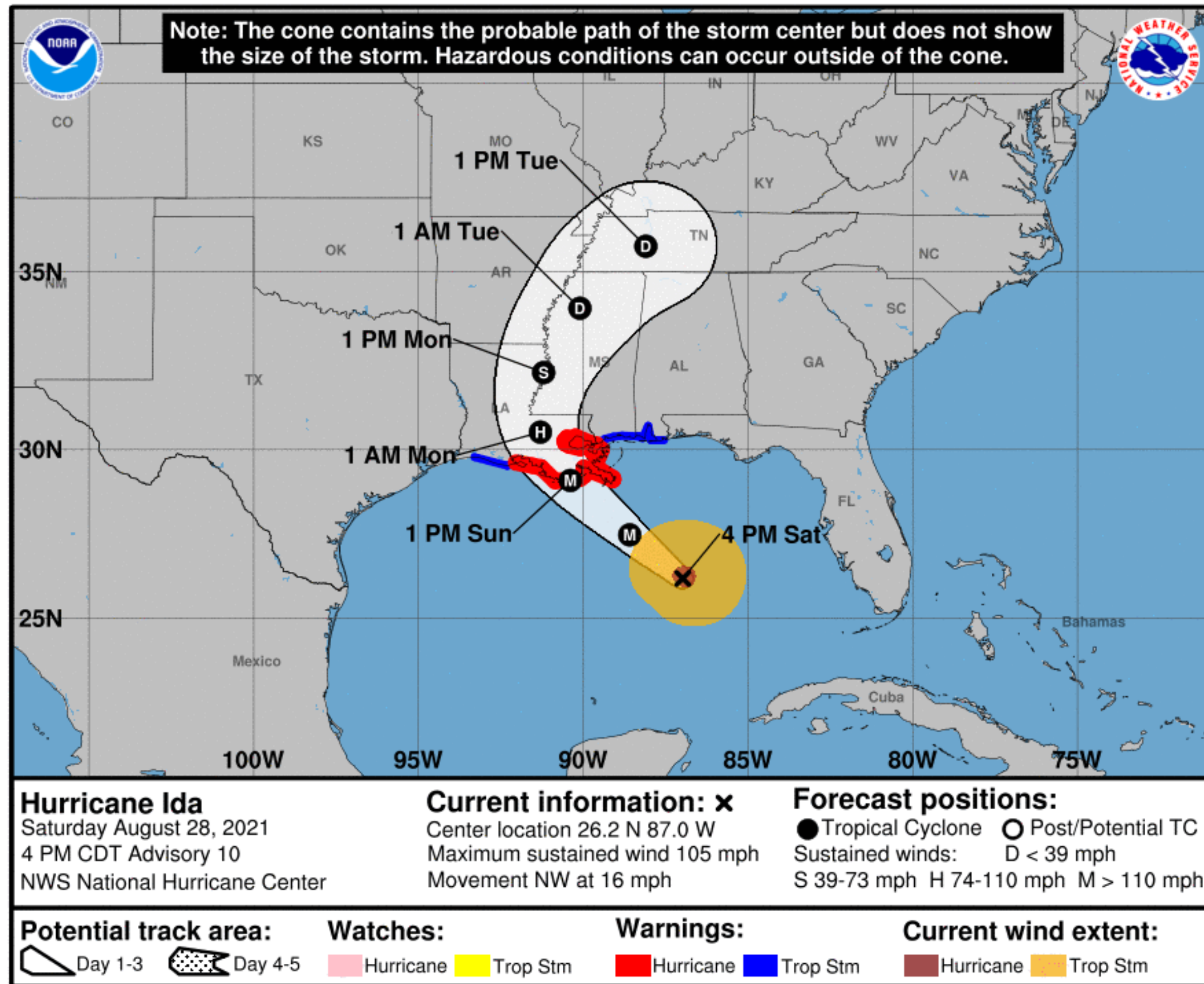
PEAK SEAS: 34 FT
12 FT SEAS...150NE 120SE 120SW 120NW

Forecast Information

Hurricane Ida



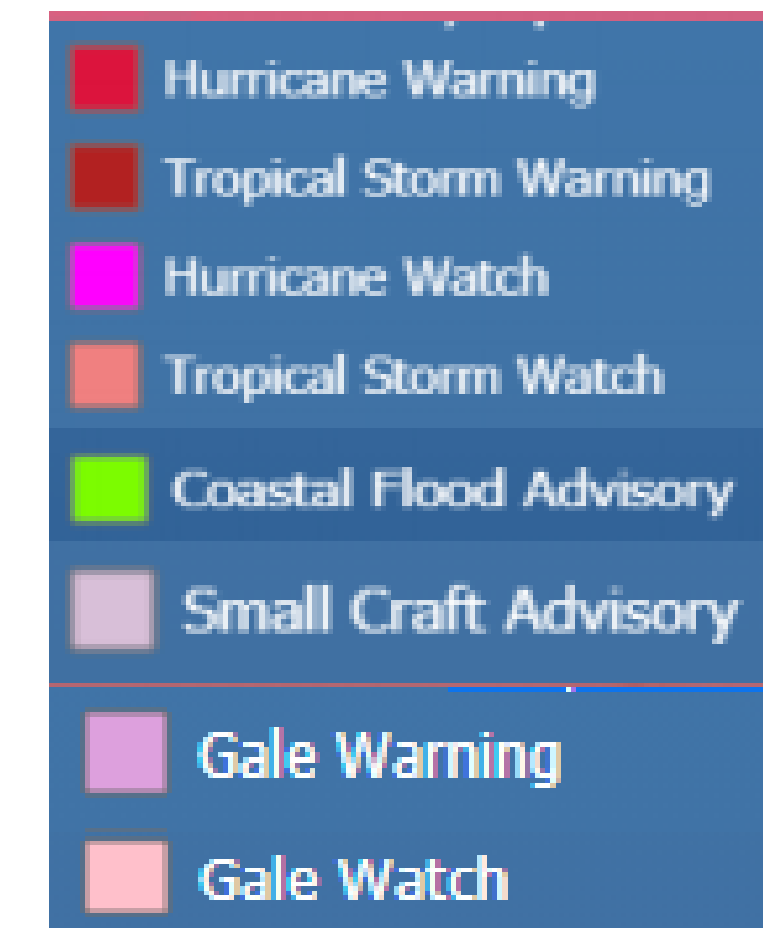
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NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

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

Hurricane Ida

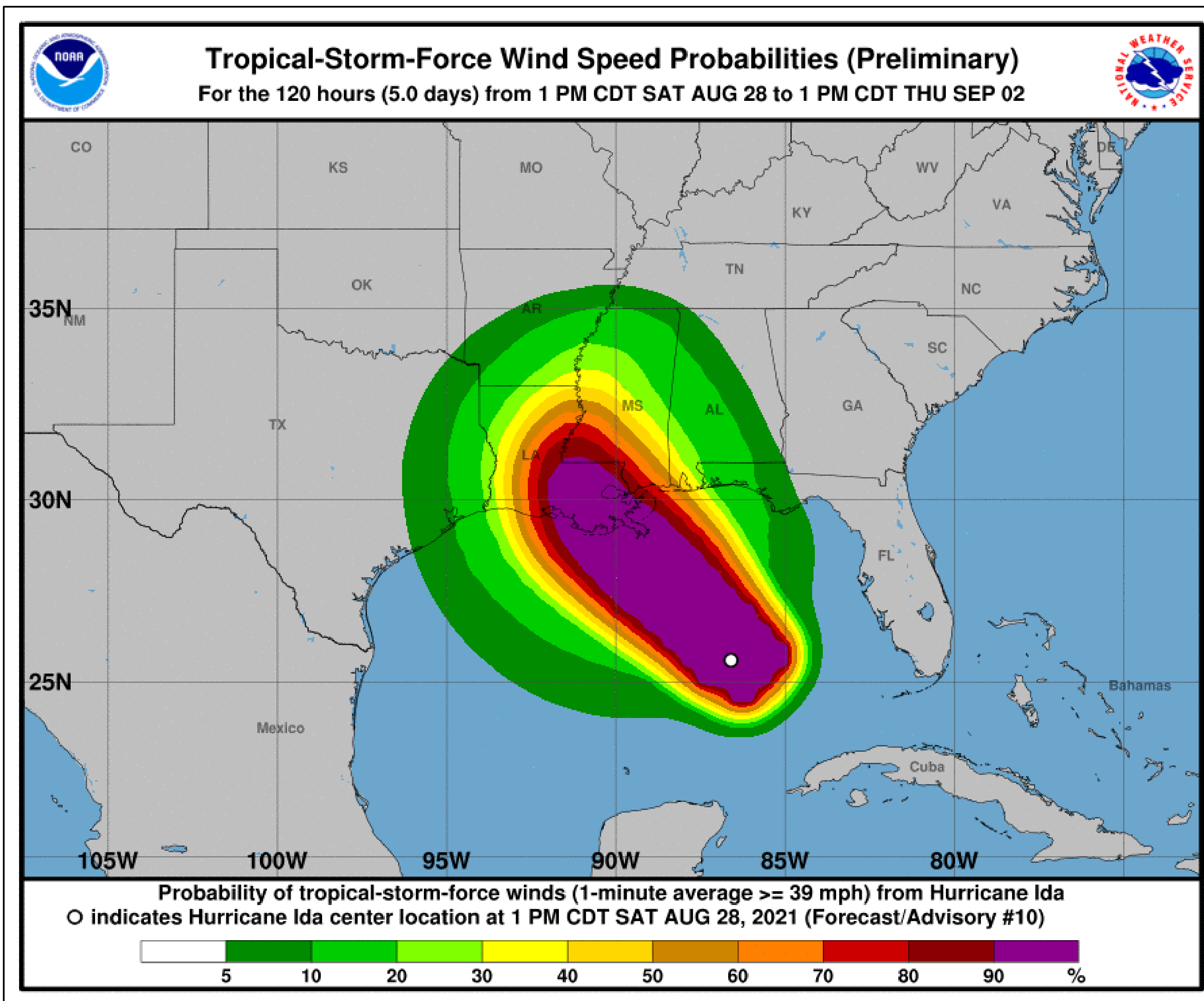


T.S. Wind Speed Probabilities

Hurricane Ida



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- Pensacola – 20%
- Mobile – 45%
- Gulfport – 75%

- **Stennis – 85%**
- **Buras – 100%**
- **New Orleans – 100%**
- **Morgan City – 100%**
- **Lafayette – 85%**
- **New Iberia – 90%**

- Lake Charles – 40%
- Cameron – 40%
- Port Arthur – 20%
- Galveston – 10%
- High Island – 15%

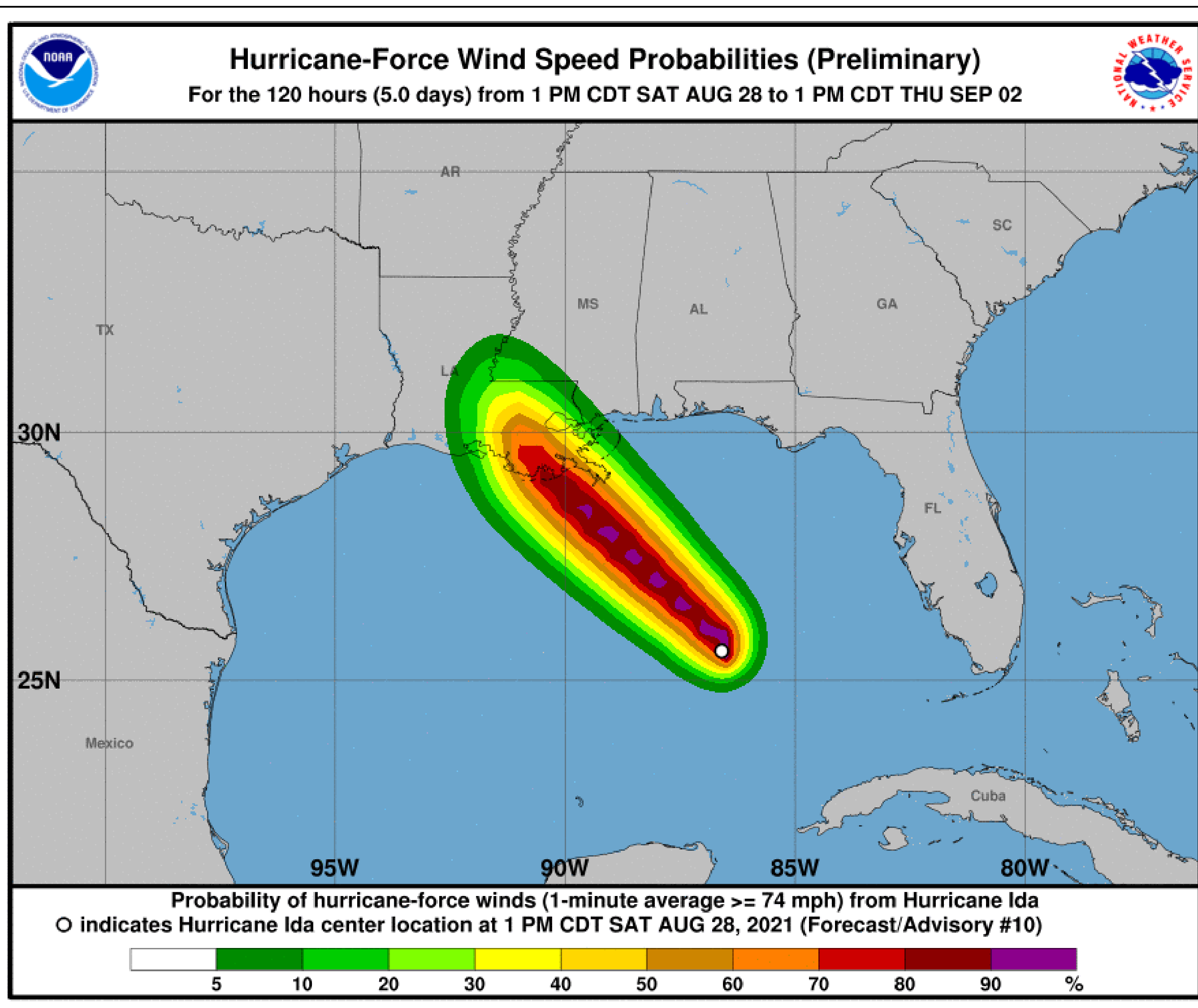
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color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

Hurricane Wind Speed Probabilities

Hurricane Ida



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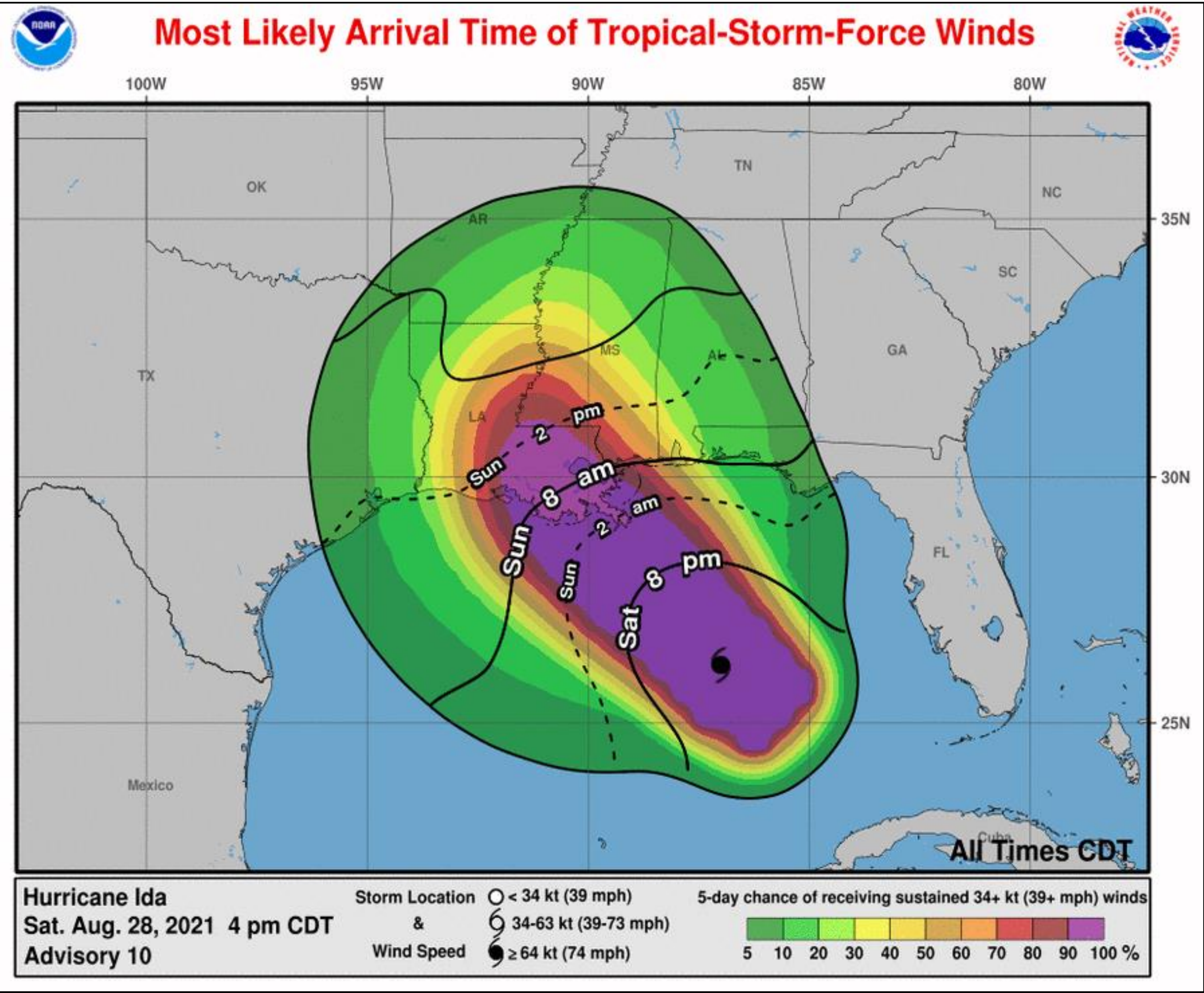
- Stennis – 10%
 - Gulfport – 5%
 - Buras – 35%
 - New Orleans – 45%
 - Morgan City – 50%
 - Lafayette – 20%
 - New Iberia – 20%
 - Lake Charles – 5%
 - Cameron – NONE
-
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.
 - 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.

Most Likely Time of Arrival and Tropical Storm Windspeed Probabilities



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Hurricane Ida



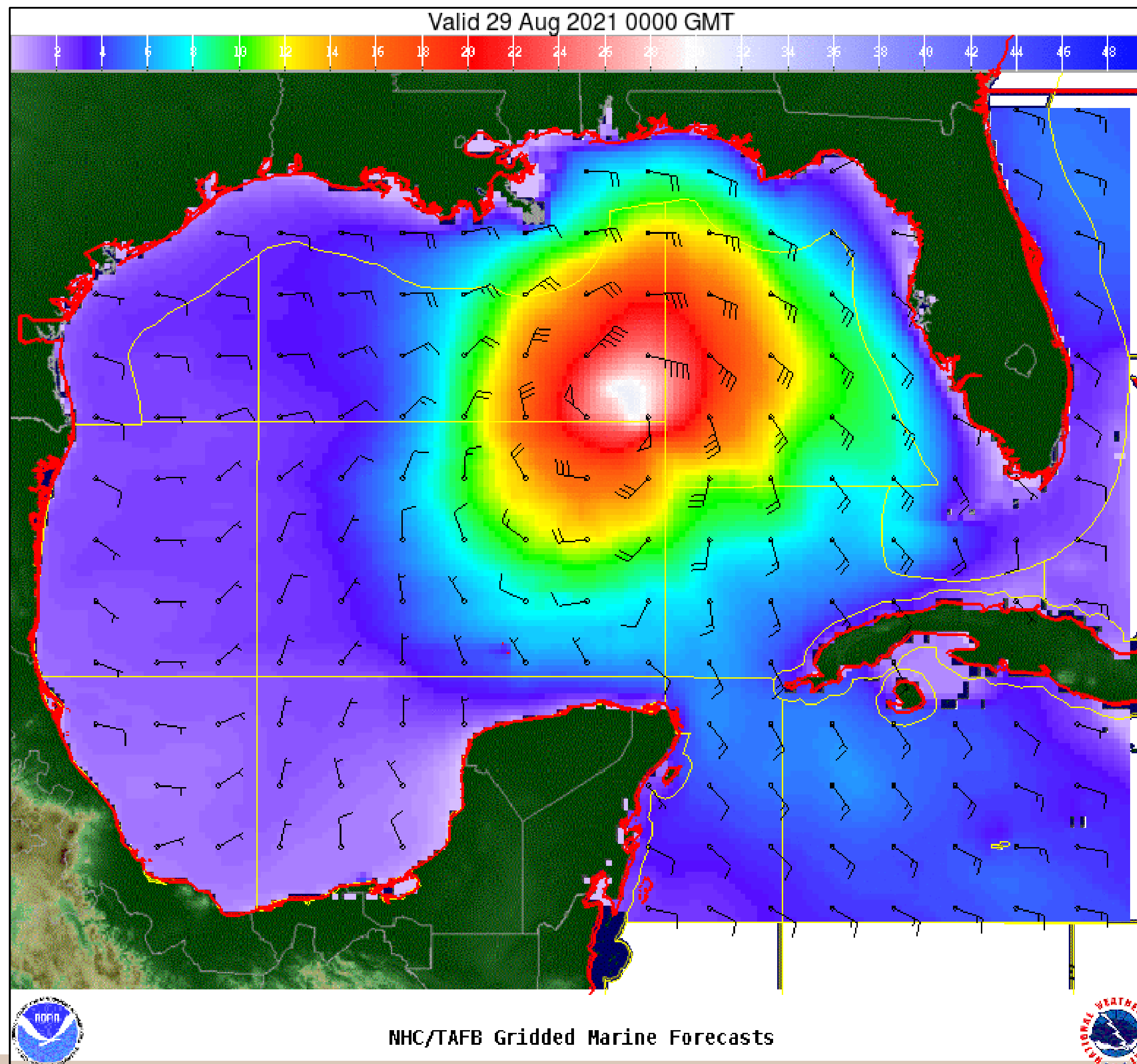
- **NW Florida, Alabama – Sunday morning**
- **Southeast and South-Central Louisiana – Sunday morning**
- **SW Louisiana, Upper Texas Coast – Sunday afternoon**
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.
- 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

Hurricane Ida



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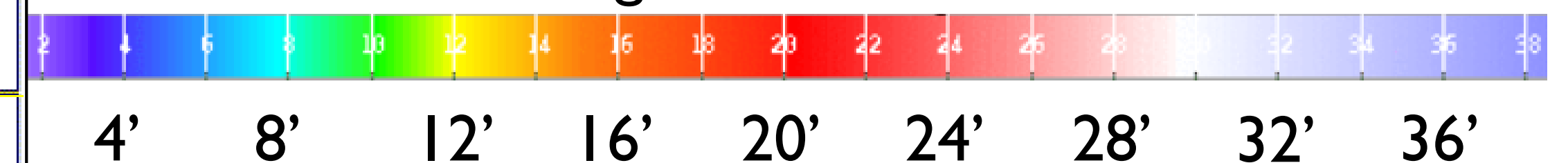
12 Hour Forecast

7 PM CDT Saturday, August 28th

Peak Winds: 100 kt

Peak Seas: 34 ft

■ Wave heights are in feet

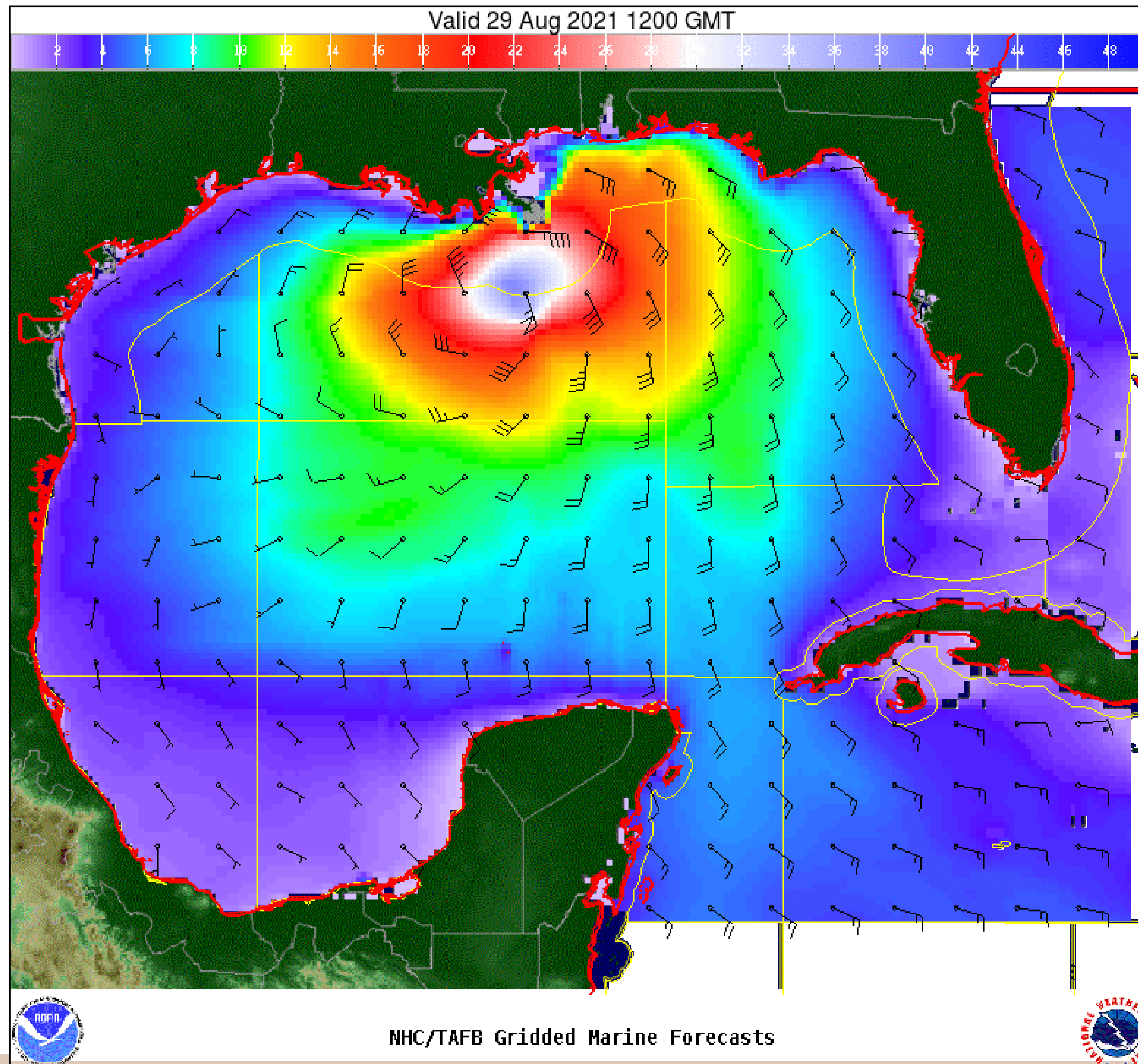


Wind And Waves

Hurricane Ida



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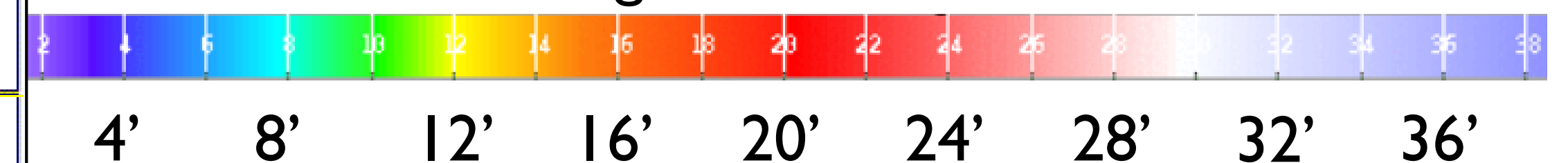
24 Hour Forecast

7 AM CDT Sunday, August 29th

Peak Winds: 115 kt

Peak Seas: 38 ft

■ Wave heights are in feet

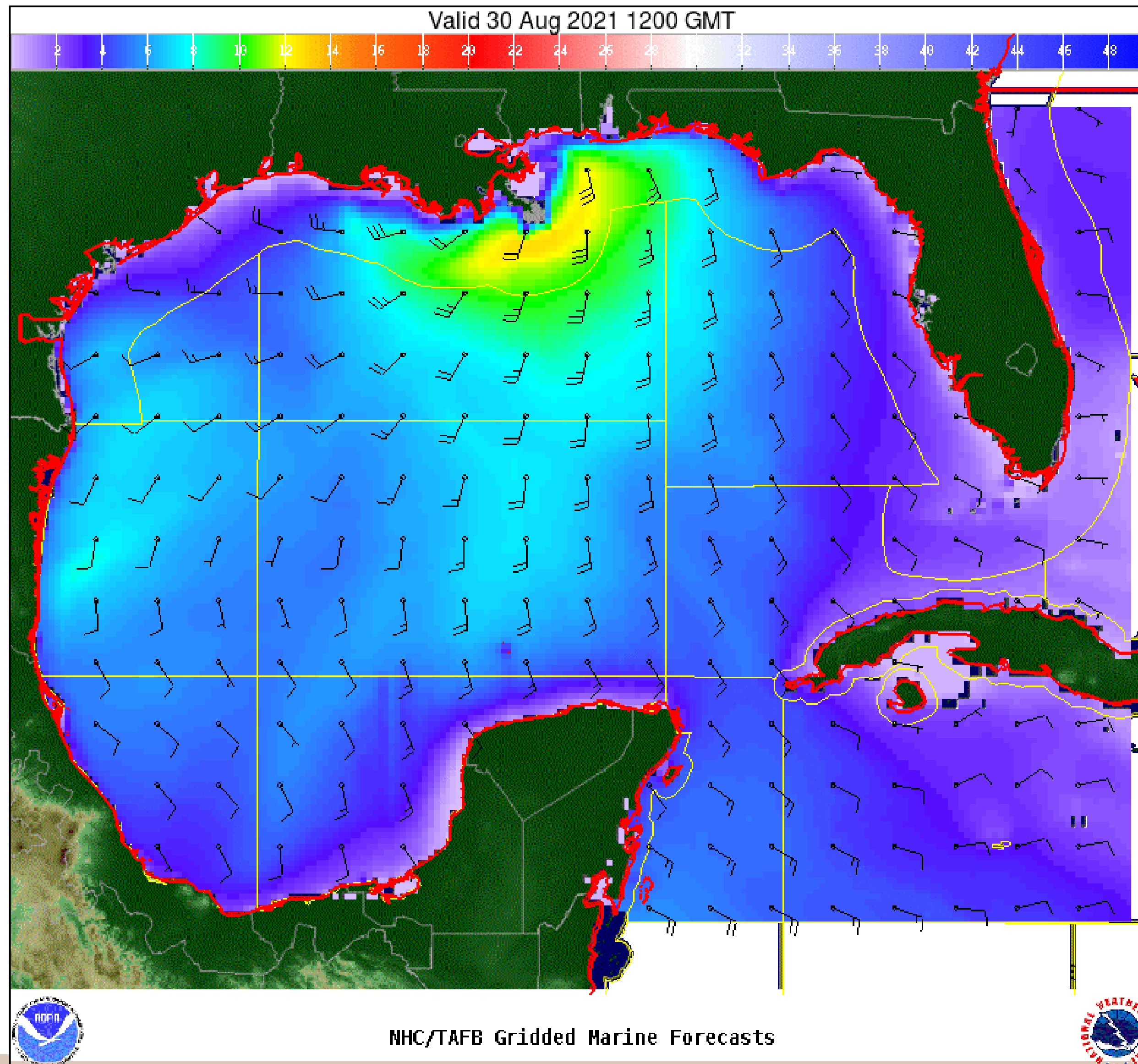


Wind And Waves

Hurricane Ida



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48 Hour Forecast

7 AM CDT Monday, August 30th

Peak Winds: 30 kt

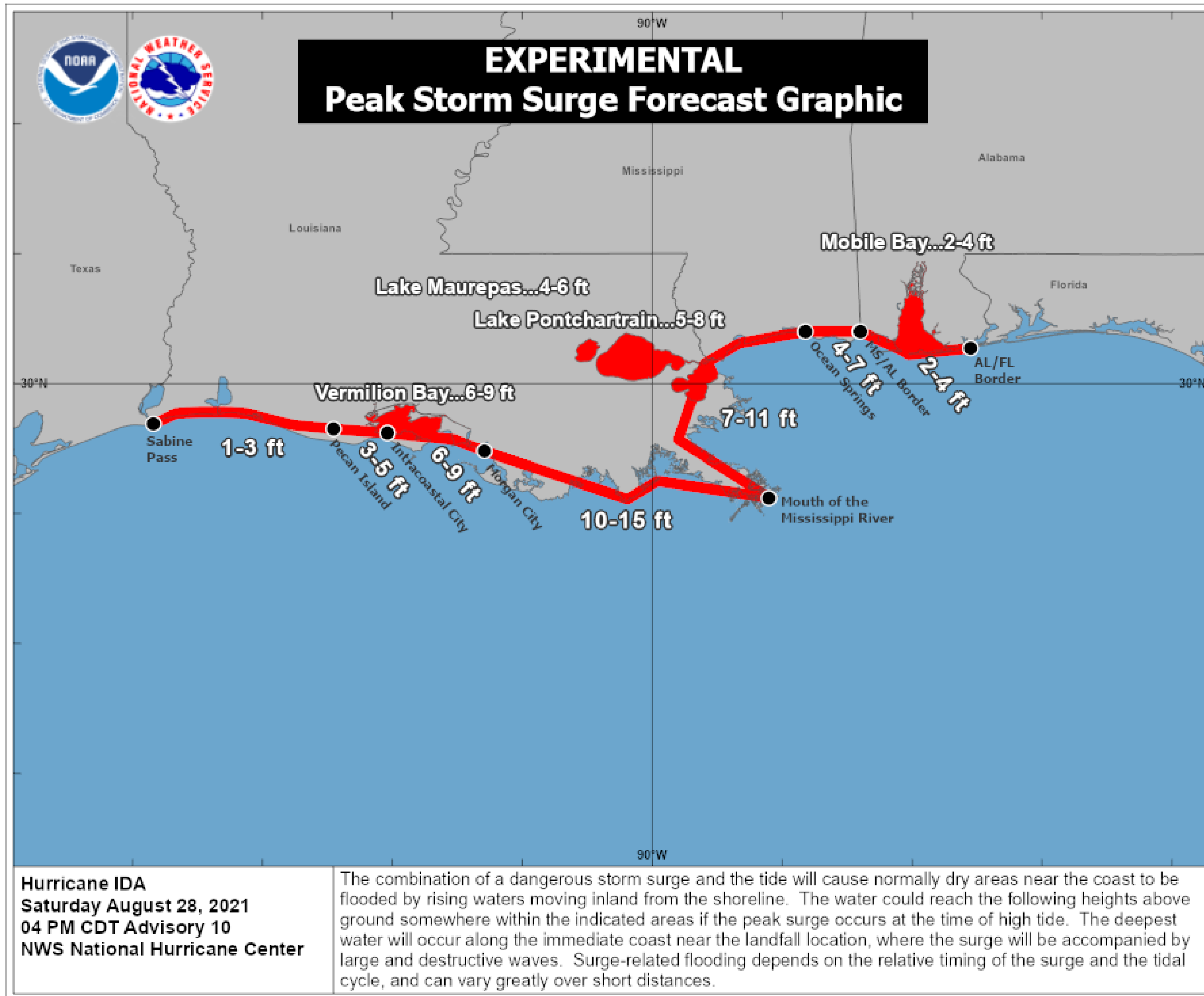
Peak Seas: 13 ft

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.

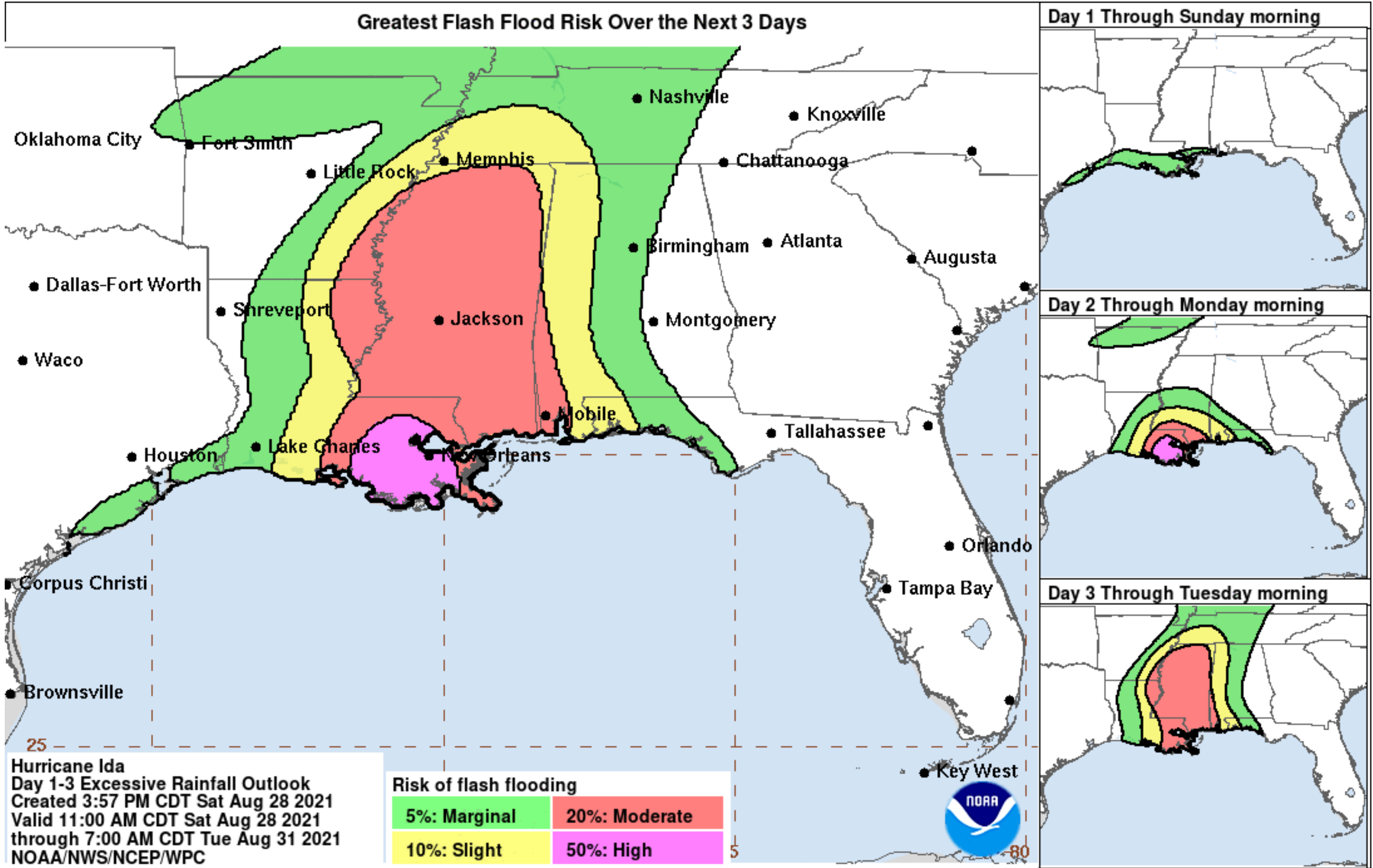
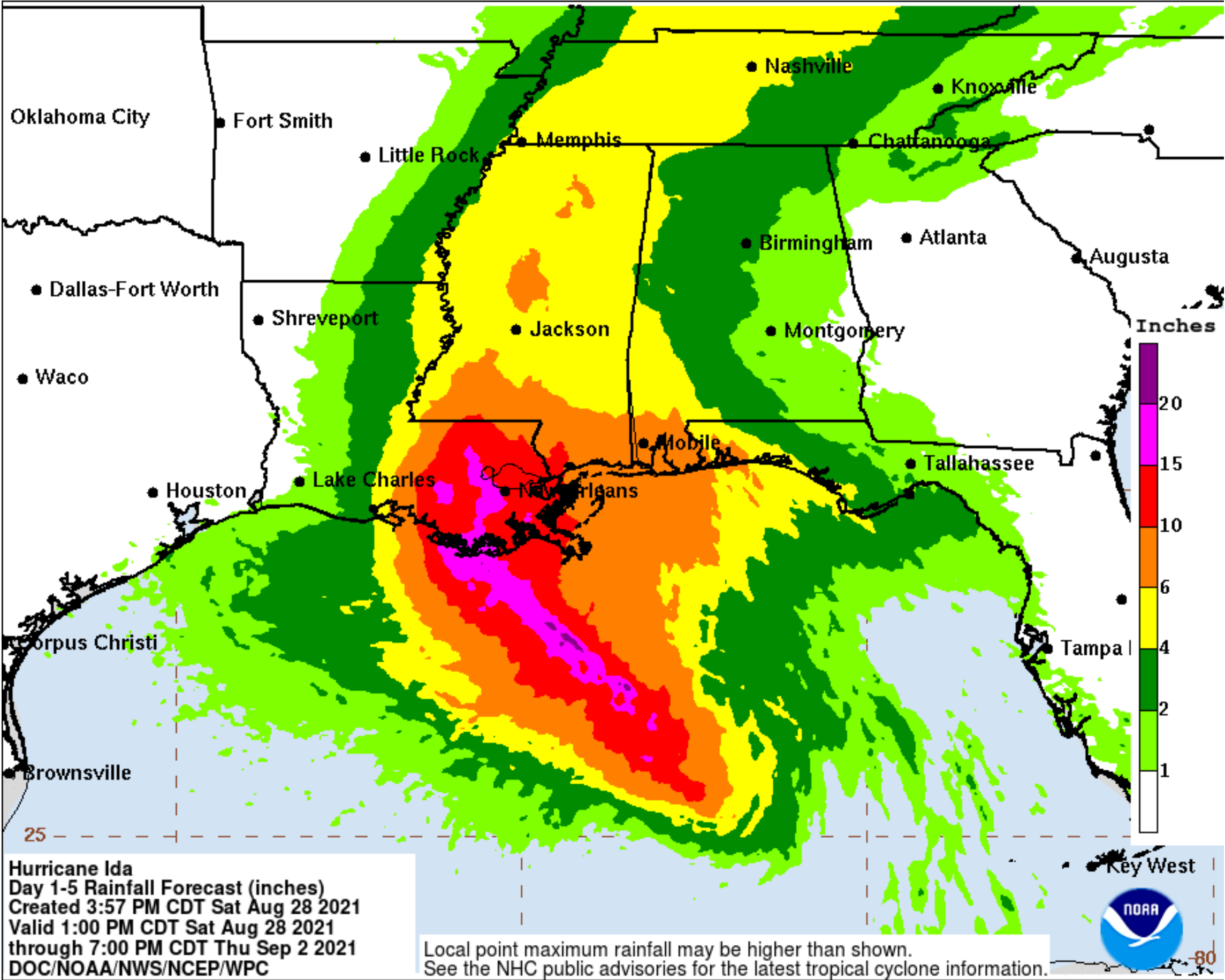
Expected Storm Total Rainfall and Chance of Rainfall Flooding



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NWS National Hurricane Center

Hurricane Ida

Images from NWS Weather Prediction Center



- Total rainfall in inches through Saturday

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

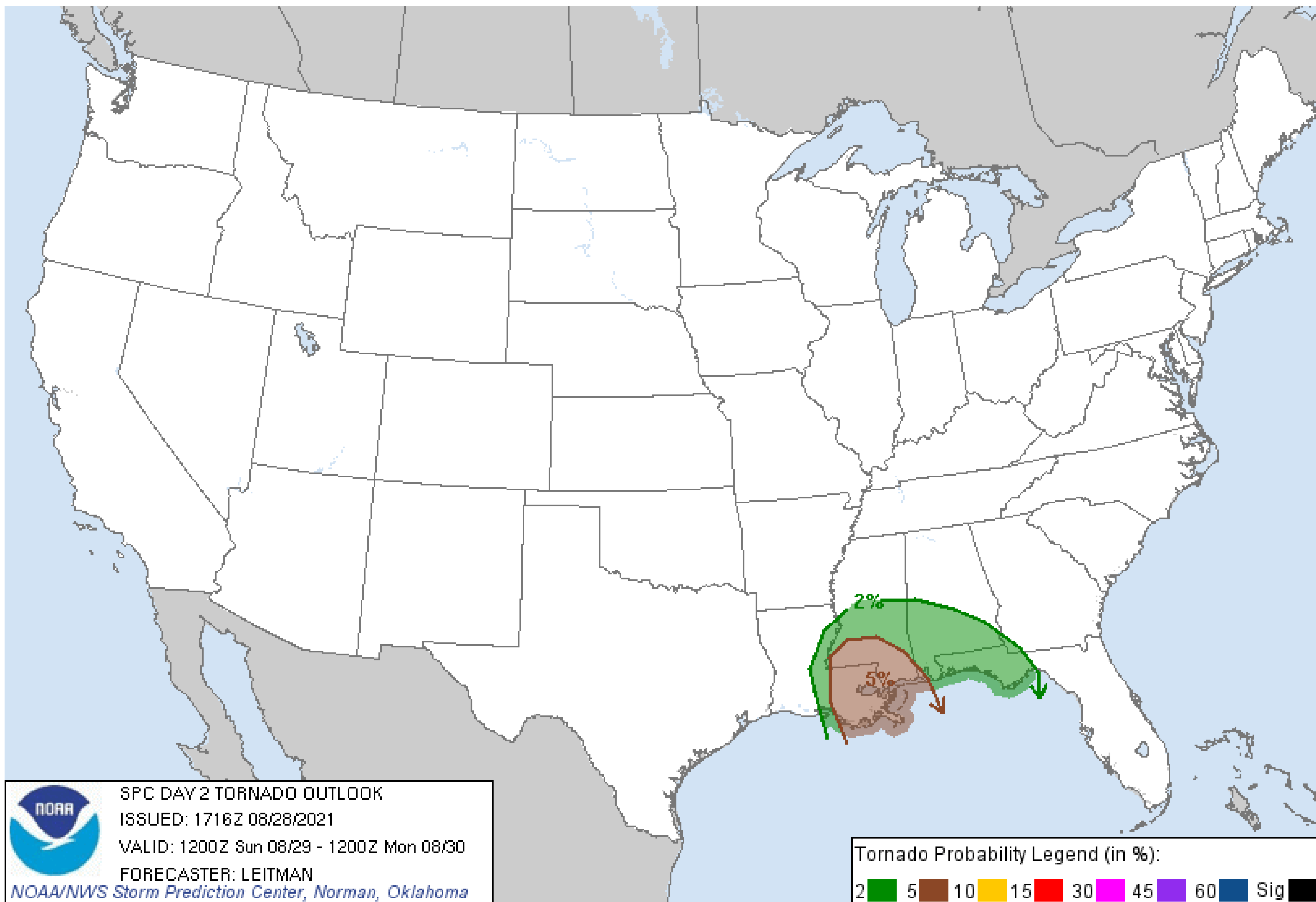
Tornado Outlook – Day 2

Hurricane Ida

Image from NWS Storm Prediction Center



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NWS National Hurricane Center



- Tornadoes will be possible **Sunday into Monday** across the northern Gulf coast states including parts of eastern Louisiana, Mississippi, central and southern Alabama, and the Florida Panhandle.

Key Messages

Hurricane Ida



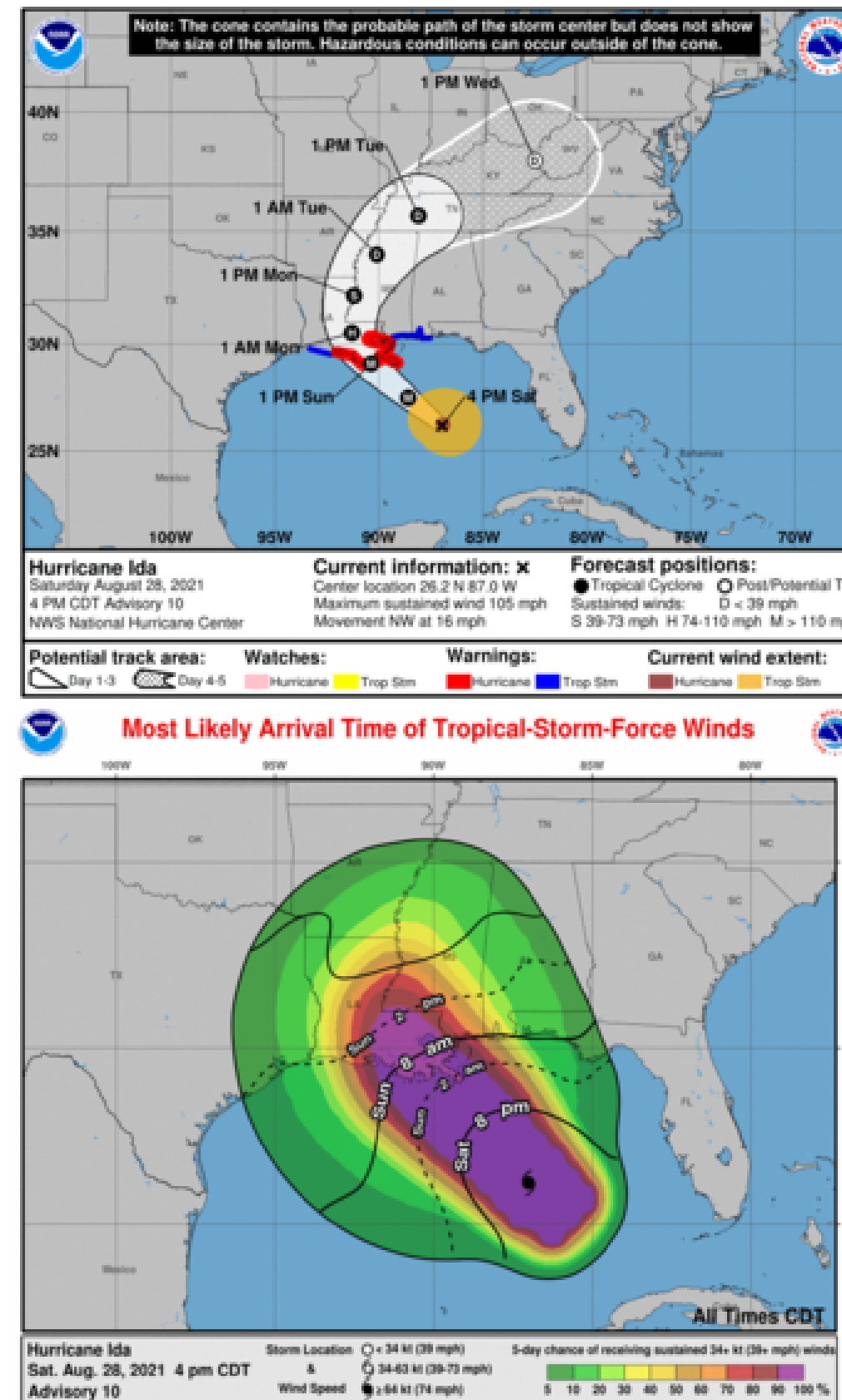
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Key Messages for Hurricane Ida Advisory 10: 4:00 PM CDT Sat Aug 28, 2021

1. There is a danger of life-threatening storm surge inundation Sunday along the coasts of Louisiana, Mississippi, and Alabama within the Storm Surge Warning area. Extremely life-threatening inundation of 9 feet or greater above ground level is possible somewhere within the area from Morgan City, Louisiana, to the coast of Mississippi. Overtopping of local levees outside of the Hurricane and Storm Damage Risk Reduction System is possible where local inundation values may be higher. Interests throughout the warning area should follow any advice given by local officials.
2. 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.
3. Damaging winds, especially in gusts, will spread inland near the track of the center of Ida across portions of southeastern Louisiana and southwestern Mississippi Sunday night and early Monday. These winds will likely lead to widespread tree damage and power outages.
4. Ida is likely to produce heavy rainfall Sunday into Monday across the central Gulf Coast from southeast Louisiana, coastal Mississippi, and far southwestern Alabama, resulting in considerable to life-threatening flash and urban flooding and significant river flooding impacts. As Ida moves inland, significant flooding impacts are possible across portions of the Lower Mississippi, Tennessee, and Ohio Valleys through Wednesday.

For more information go to hurricanes.gov



Marine Key Messages:

- Seas will continue to build to near 40 ft tonight into Sunday as Ida nears the Louisiana coast
- As Ida makes landfall, marine conditions will quickly recover with seas dropping below 12 ft by Mon 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:
Sunday 10:00 AM CDT*

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



NHC_TAFB

www.nhc.noaa.gov