

IMPACTS FOR D8 (through next 5 days)

Winds – Extreme

Storm Surge – Extreme

Rainfall/Flash Flooding – Extreme

Tornadoes – Moderate

Waves - Extreme

HURRICANE IDA BRIEFING

10:00 AM CDT

Sunday, August 29, 2021

Prepared by:

Amanda Reinhart

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*



NHC_TAFB

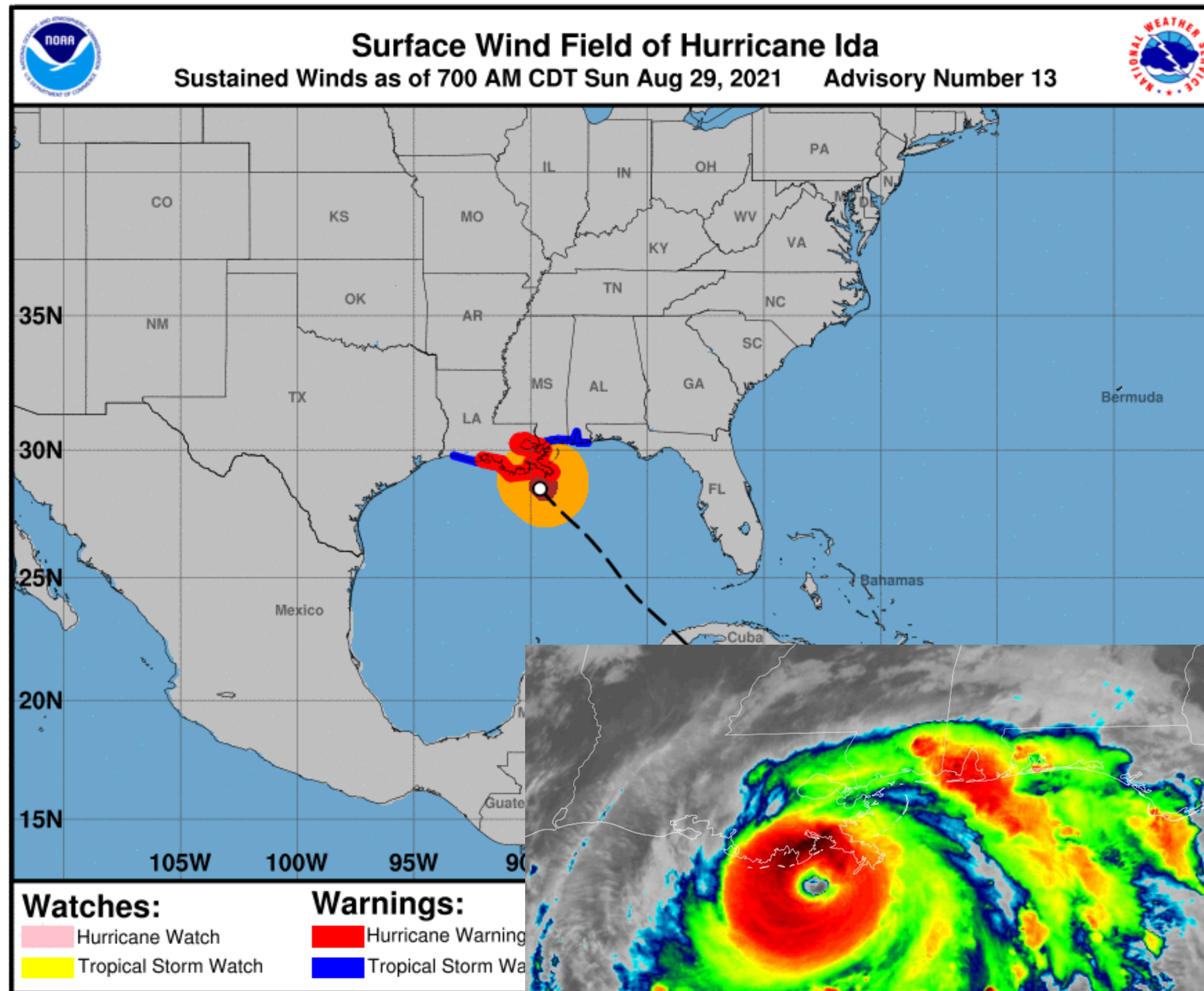
www.nhc.noaa.gov

Situation Overview

Hurricane Ida



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NWS National Hurricane Center



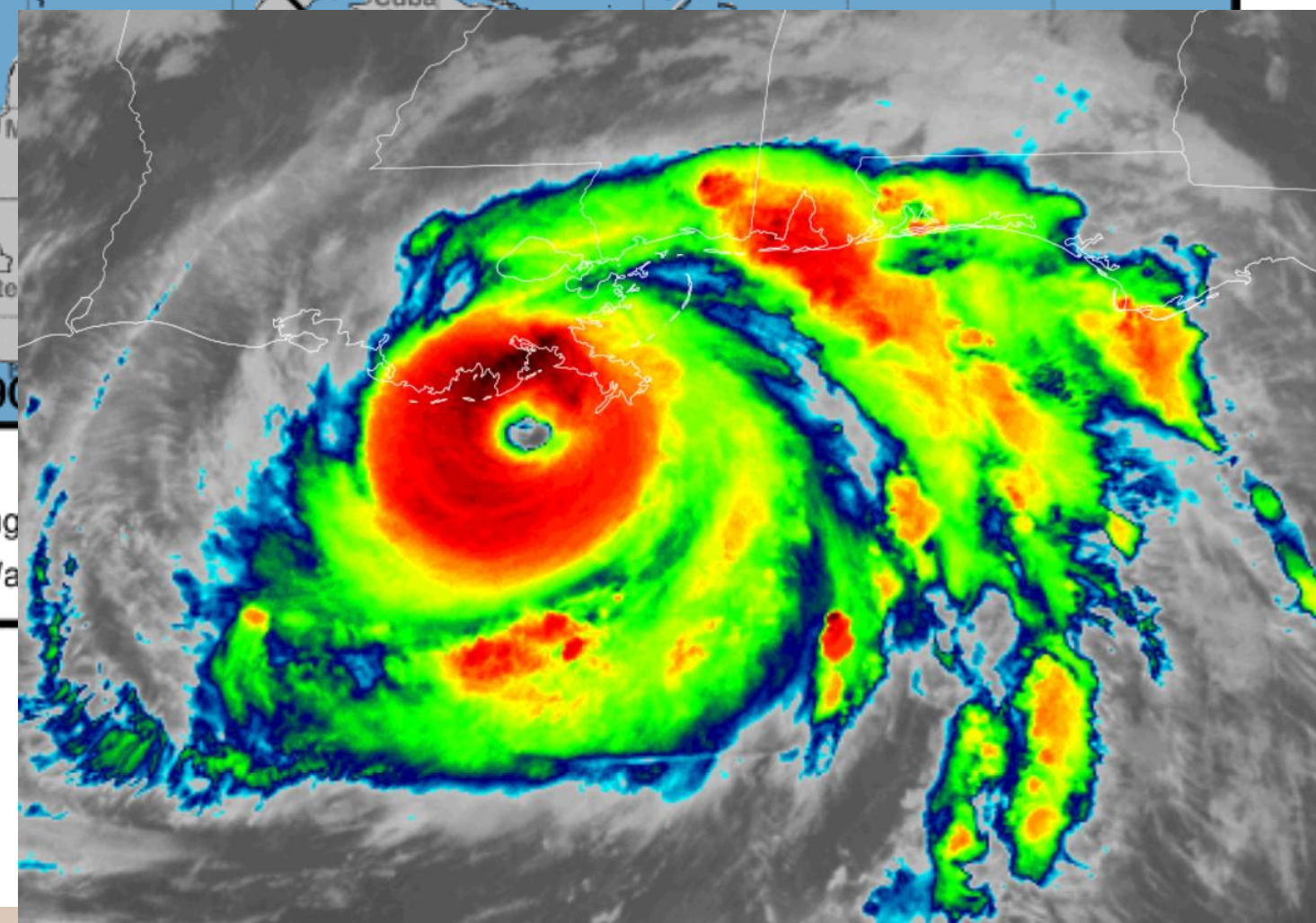
**...EXTREMELY DANGEROUS CATEGORY 4
HURRICANE IDA EXPECTED TO MAKE
LANDFALL IN SE LA IN THE NEXT FEW
HOURS...**

**...LIFE-THREATENING HAZARDS REACHING
THE COAST OF SOUTHEASTERN
LOUISIANA...**

SUMMARY OF 700 AM CDT INFORMATION

LOCATION...28.5N 89.6W
ABOUT 44 NM SW OF THE MOUTH OF THE
MISSISSIPPI RIVER
ABOUT 85 NM OF HOUMA LOUISIANA
MAXIMUM SUSTAINED WINDS...130 KT
PRESENT MOVEMENT...NW 13 KT

PEAK SEAS: 40 FT
12 FT SEAS...180NE 180SE 150SW 120NW

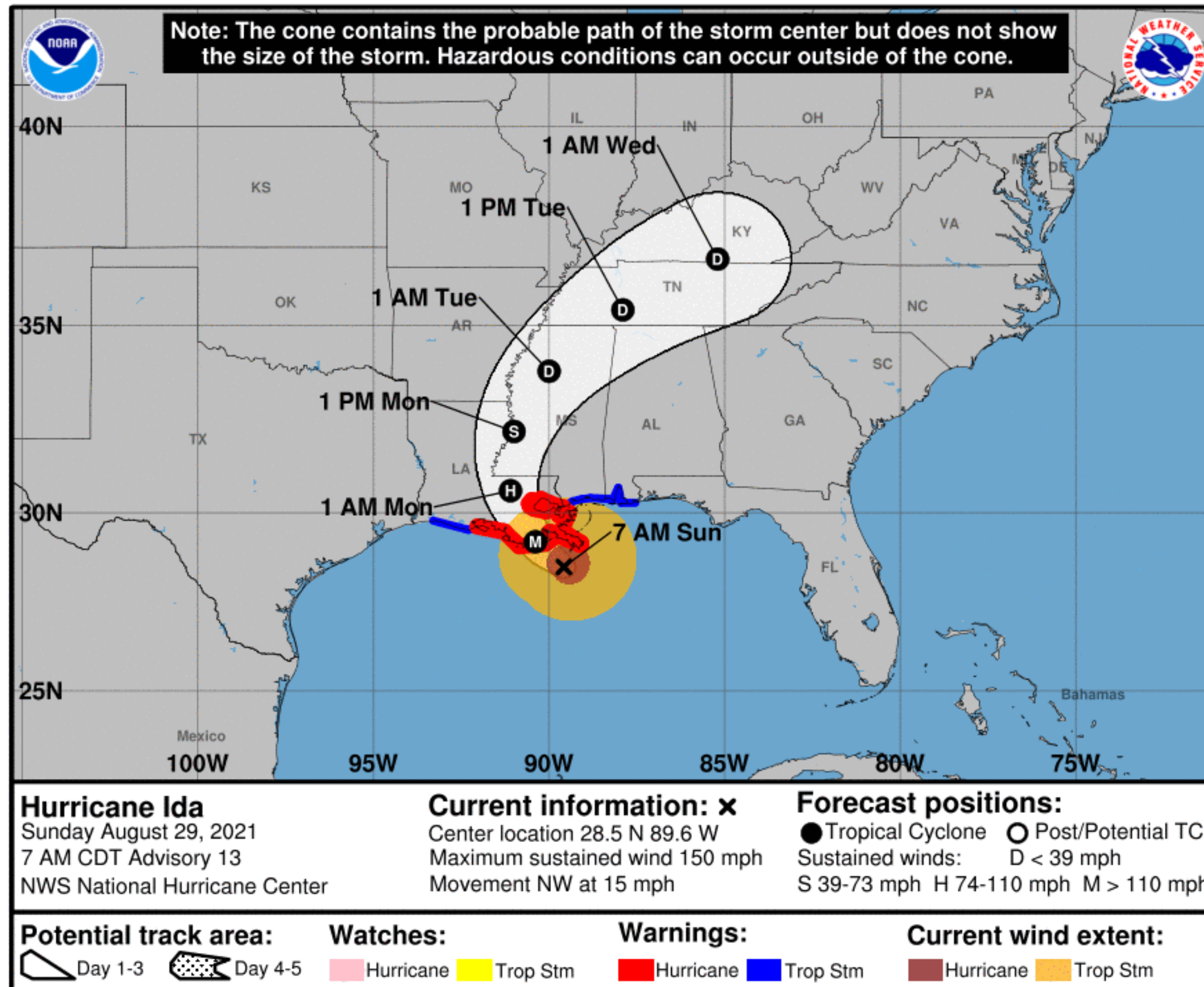


Forecast Information

Hurricane Ida



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- Ida is expected to slow down a bit as it nears the coast of Louisiana and make landfall within the next few hours as a Category 4 hurricane
- Ida expected to still be a Category 2 hurricane within 12 hours and weaken to a tropical storm by Monday

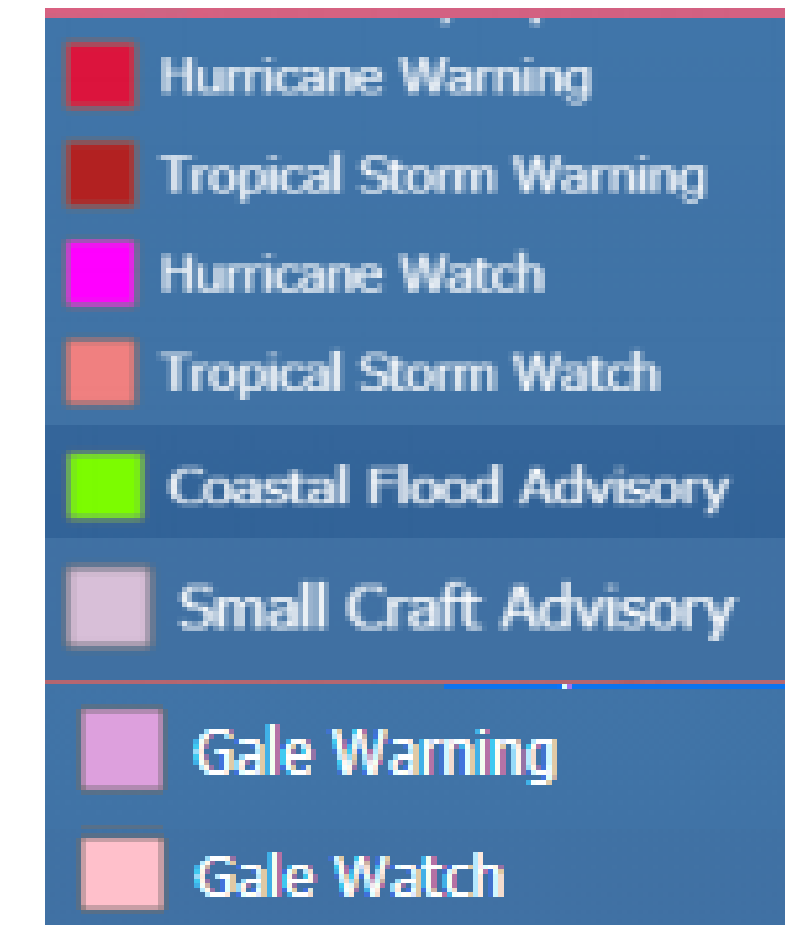
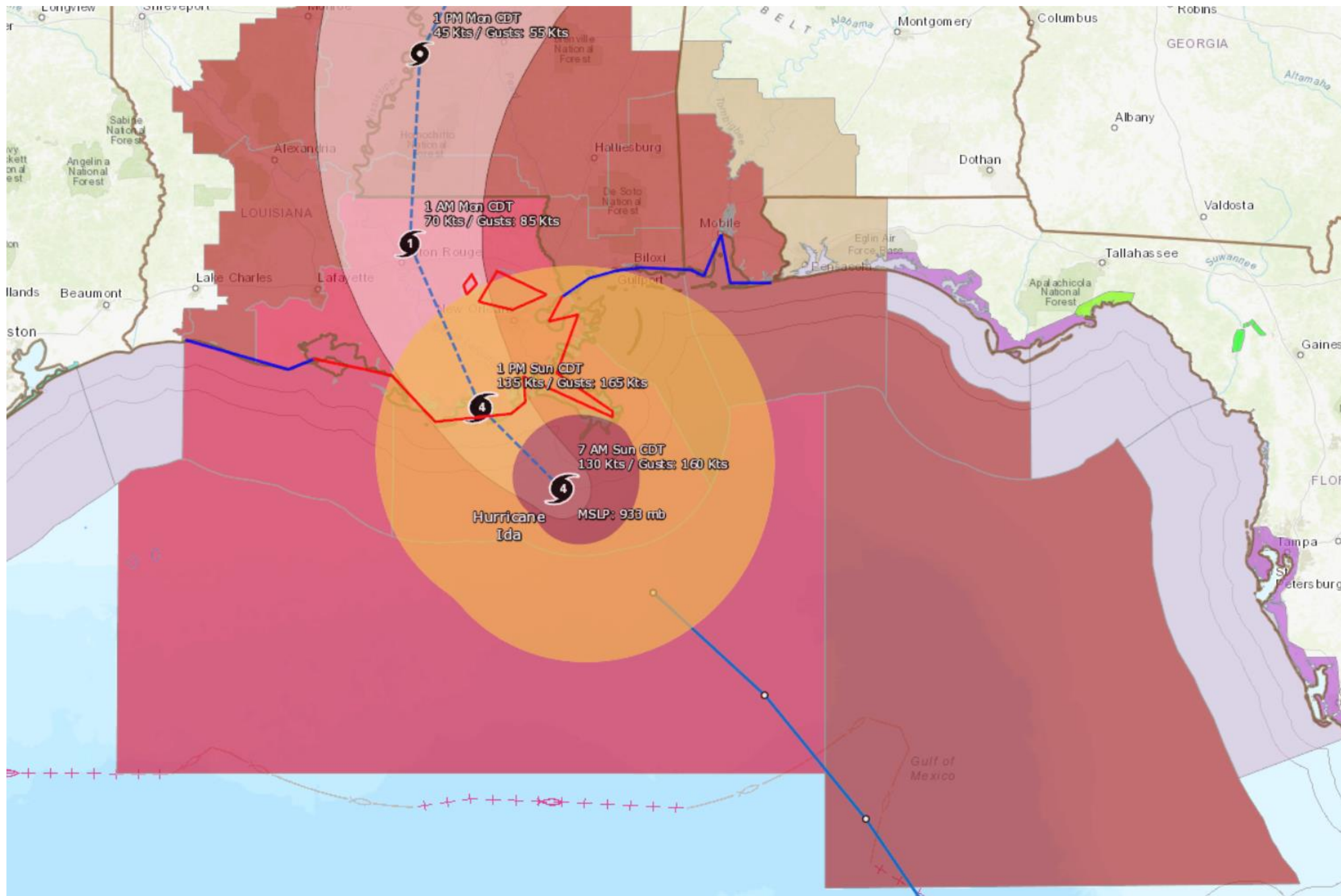
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

Hazards Map

Hurricane Ida



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NWS National Hurricane Center

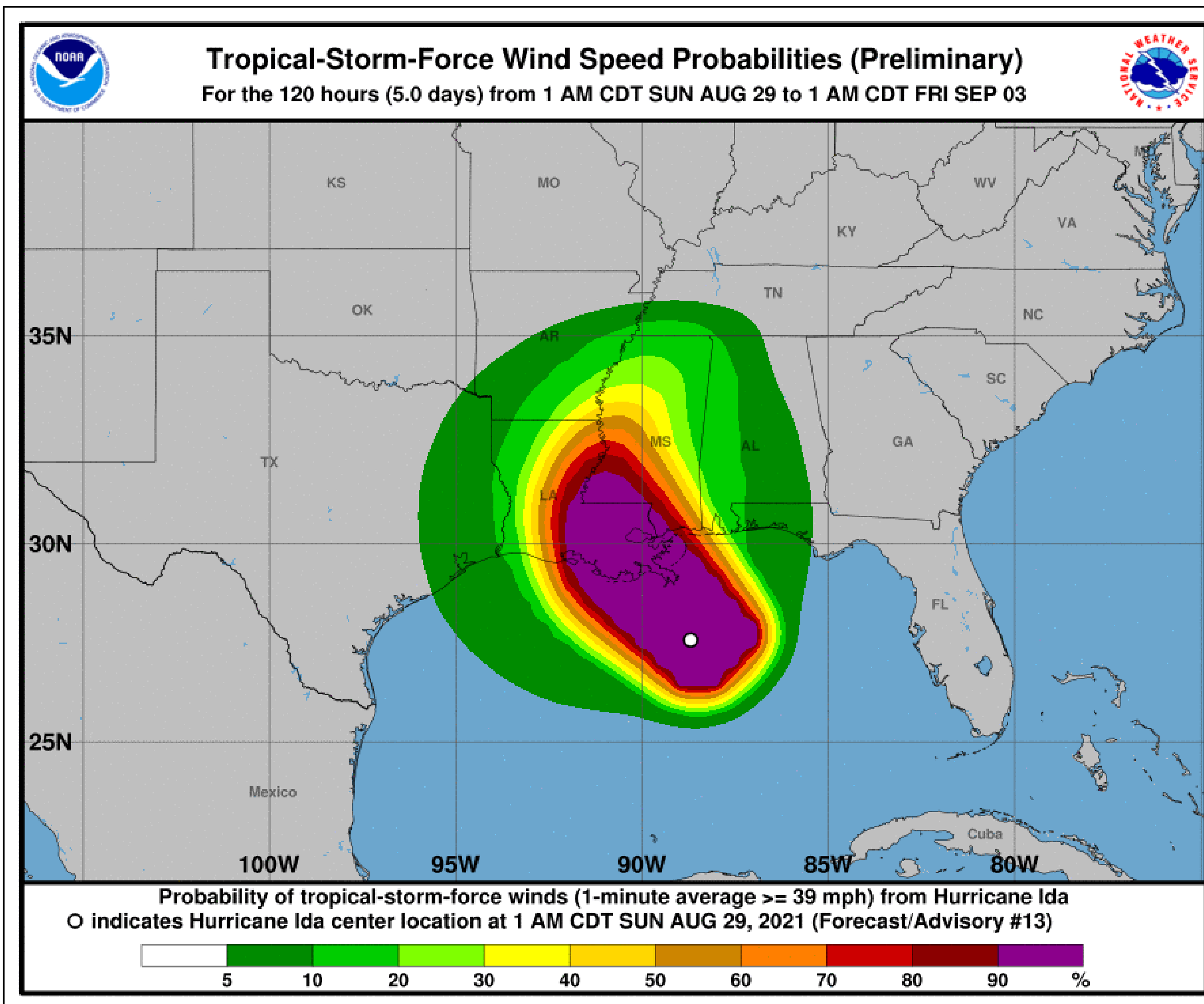


T.S. Wind Speed Probabilities

Hurricane Ida



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NWS National Hurricane Center



- Mobile – 30%
- Gulfport – 85%

- Stennis – 95%
- Buras – 100%
- New Orleans – 100%
- Morgan City – 100%
- Lafayette – 90%
- New Iberia – 90%

- Lake Charles – 25%
- Cameron – 20%

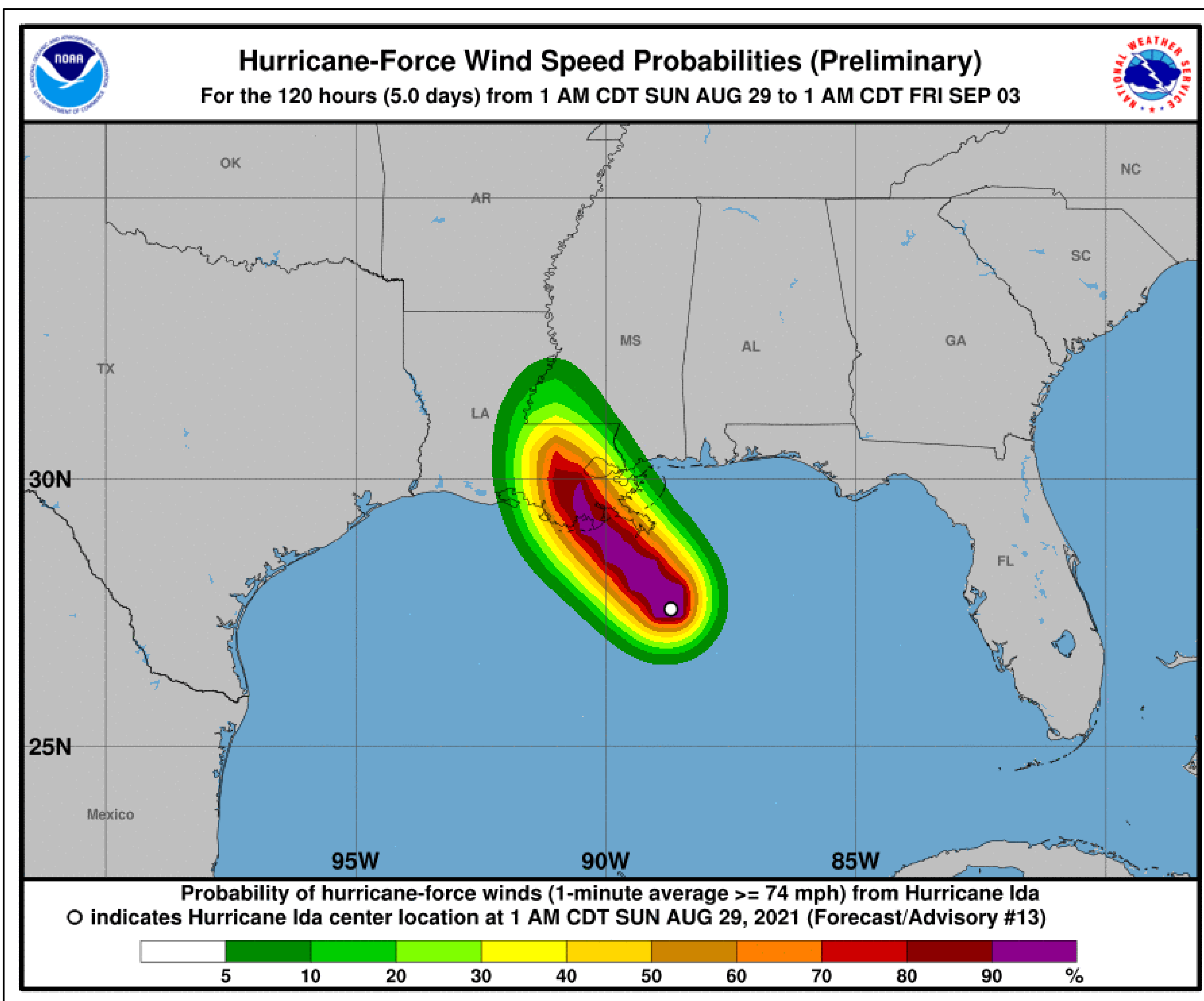
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color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

Hurricane Wind Speed Probabilities

Hurricane Ida



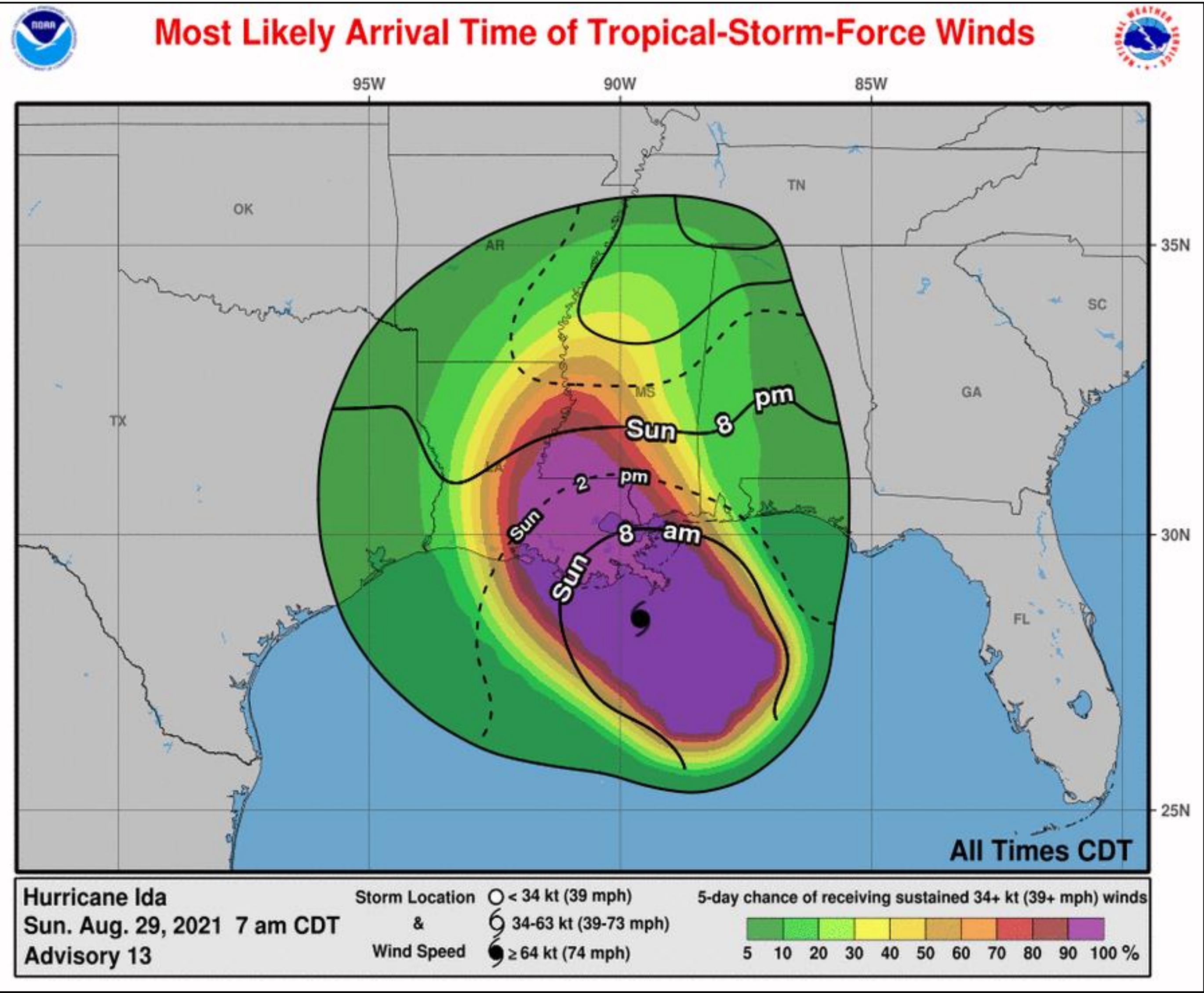
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- **Stennis – 10%**
- **Buras – 30%**
- **New Orleans – 70%**
- **Morgan City – 55%**
- **Lafayette – 10%**
- **New Iberia – 10%**
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii 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%
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Hurricane Ida



■ **Alabama/eastern Mississippi – This afternoon**

■ **Southeast and South-Central Louisiana – Ongoing**

■ **SW Louisiana – This afternoon**

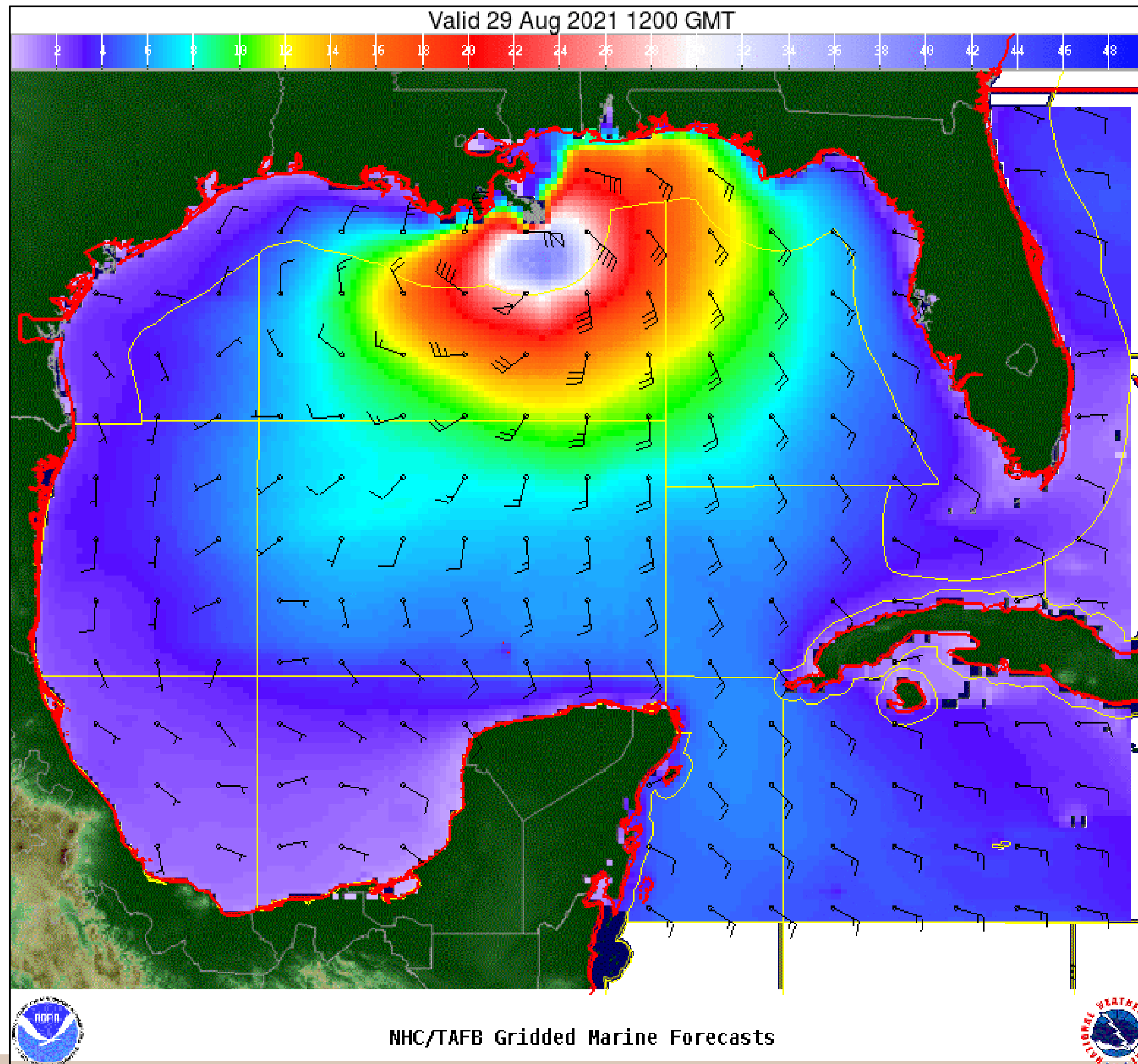
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color bar below the image for more details.

Wind And Waves

Hurricane Ida



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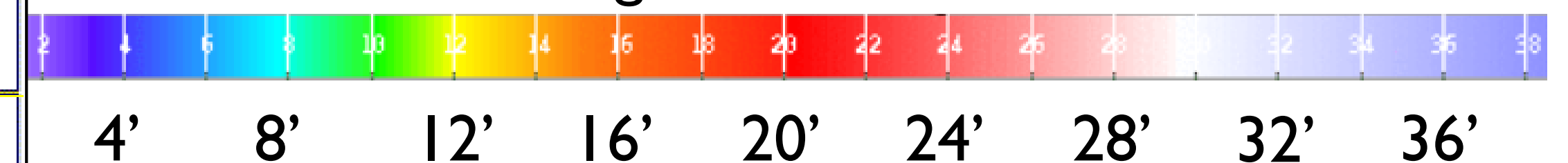


Current Conditions

Peak Winds: 130 kt

Peak Seas: 40 ft

■ Wave heights are in feet

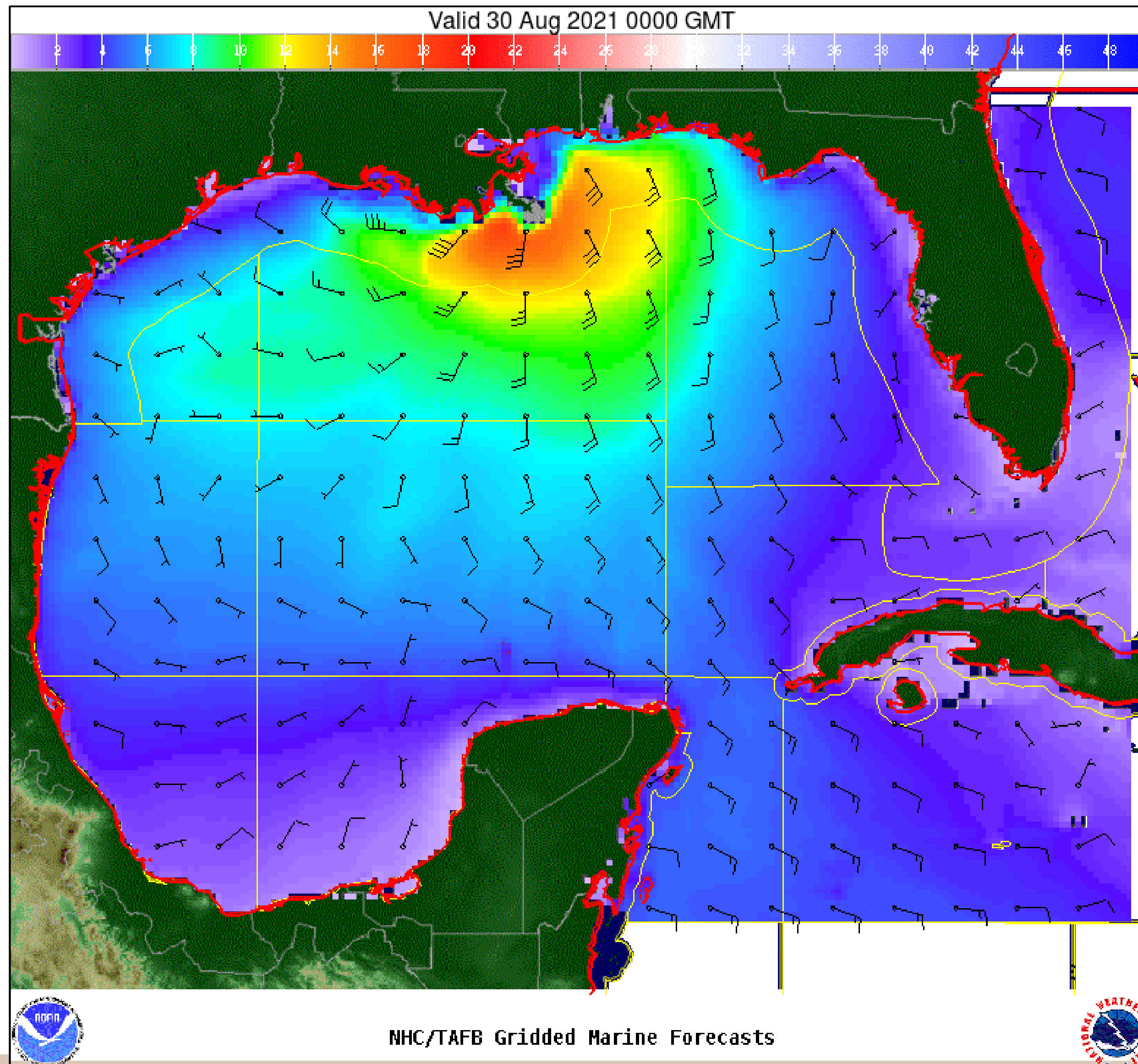


Wind And Waves

Hurricane Ida



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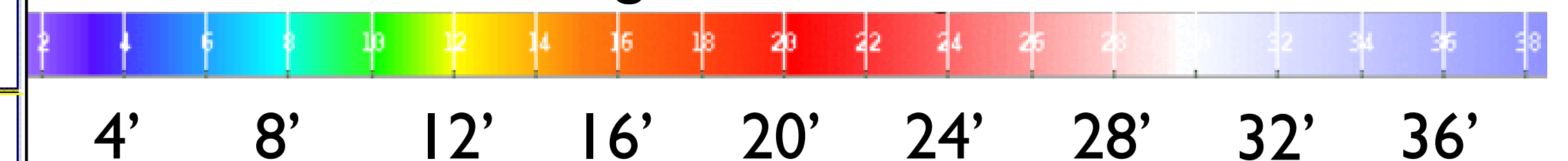
12 Hour Forecast

7 PM CDT Sunday, August 29th

Peak Winds: 40 kt

Peak Seas: 16 ft

■ Wave heights are in feet

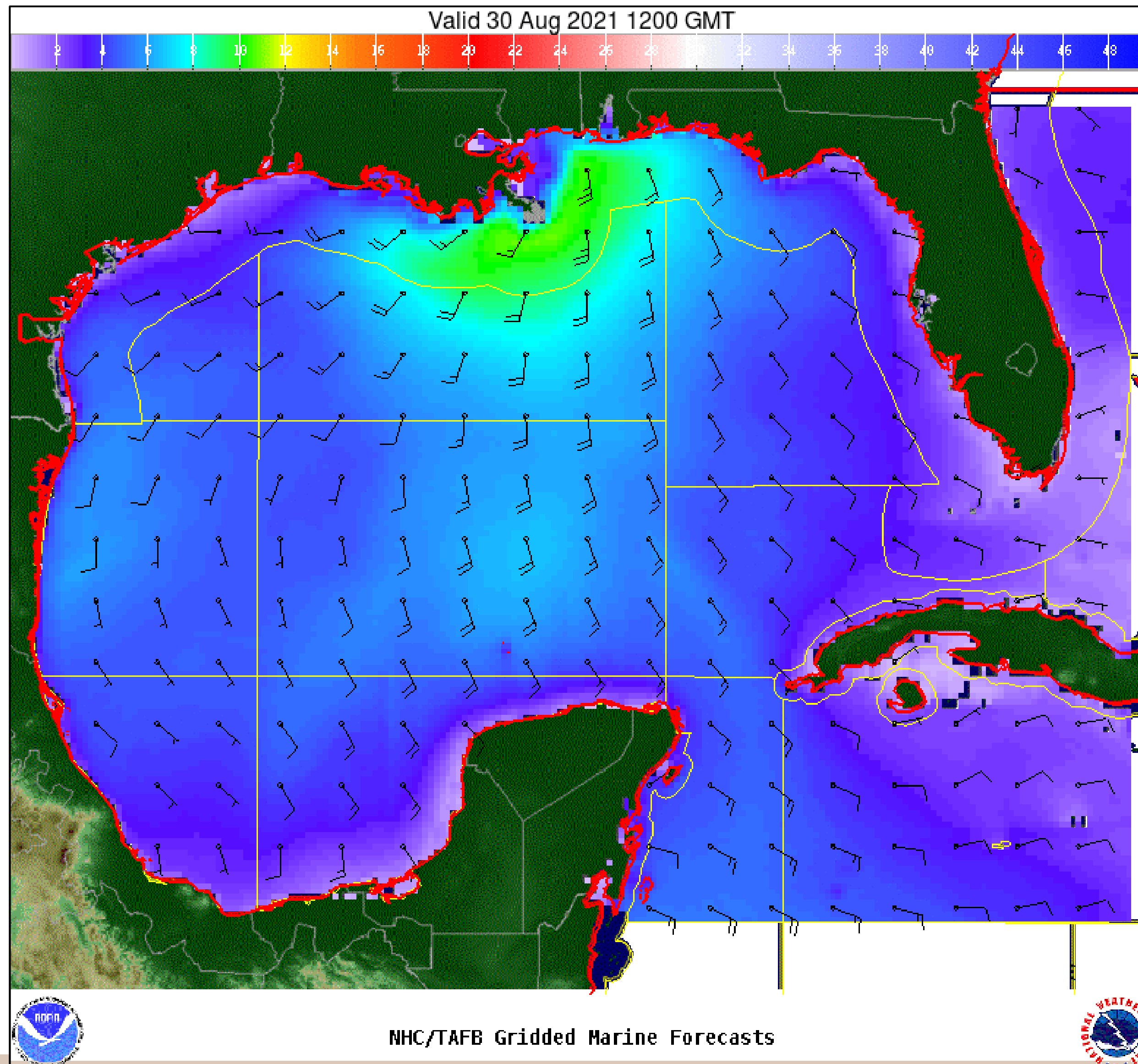


Wind And Waves

Hurricane Ida



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NWS National Hurricane Center



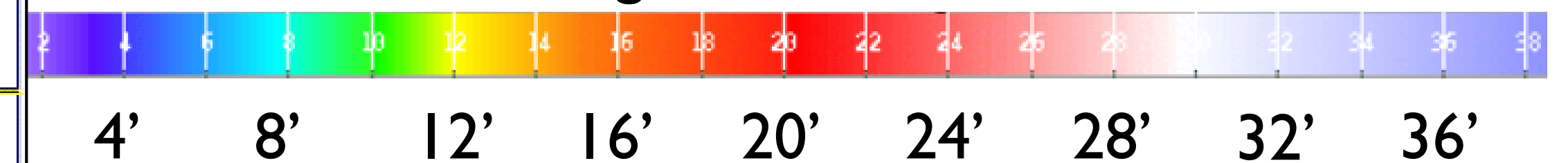
24 Hour Forecast

7 AM CDT Monday, August 30th

Peak Winds: 25 kt

Peak Seas: 10 ft

■ Wave heights are in feet

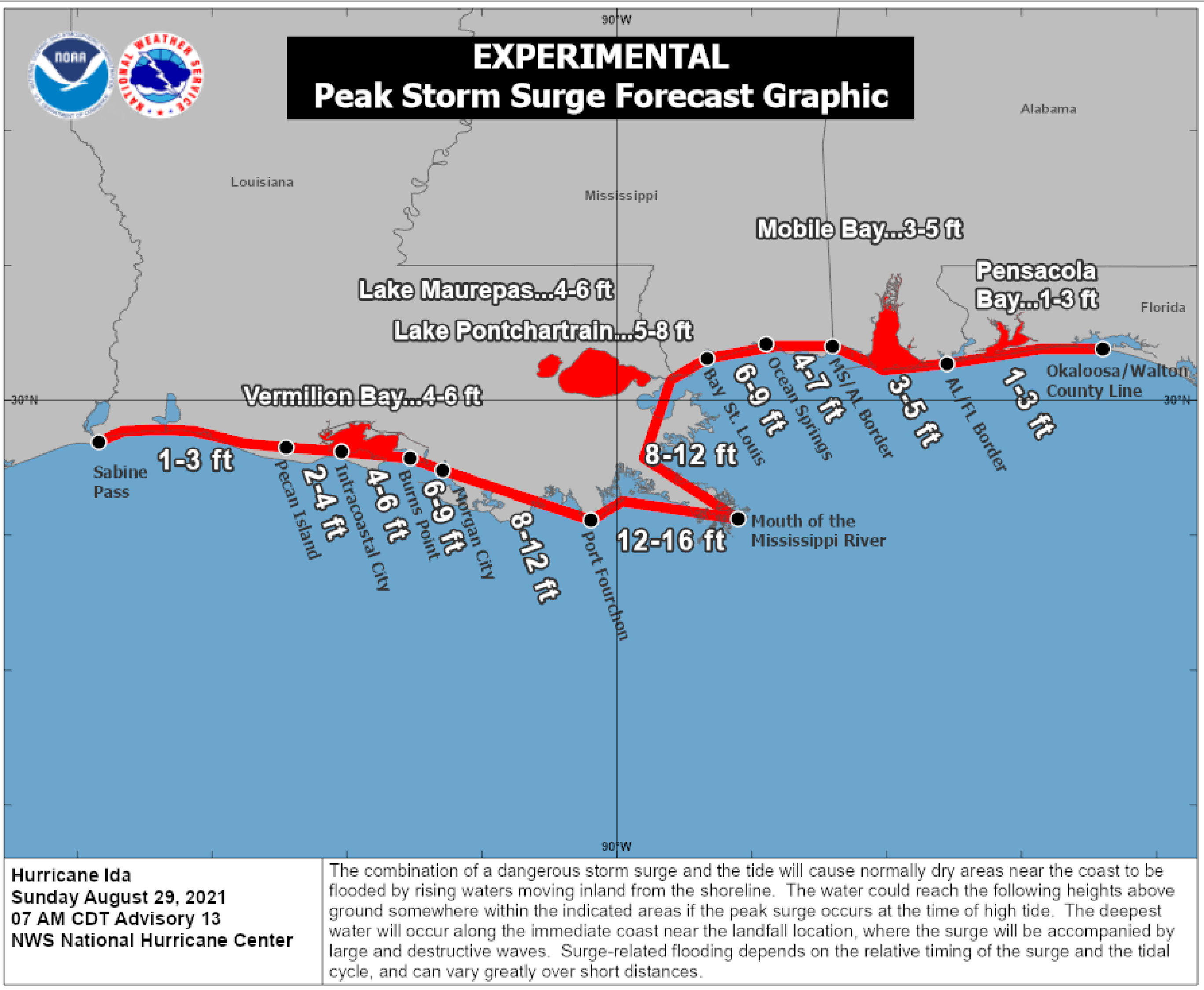


Potential Peak Storm Surge / Watches and Warnings

Hurricane Ida



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NWS National Hurricane Center



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

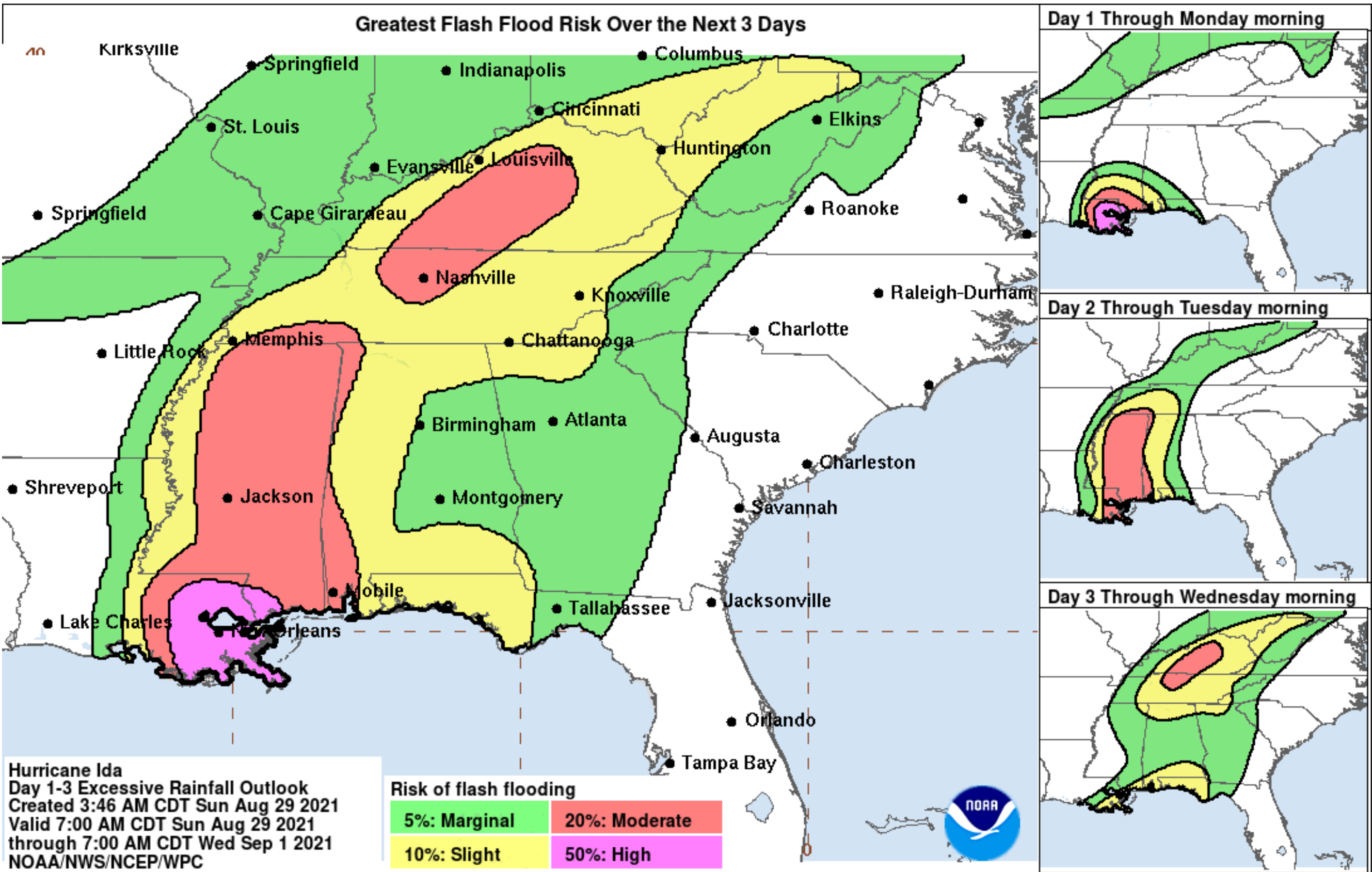
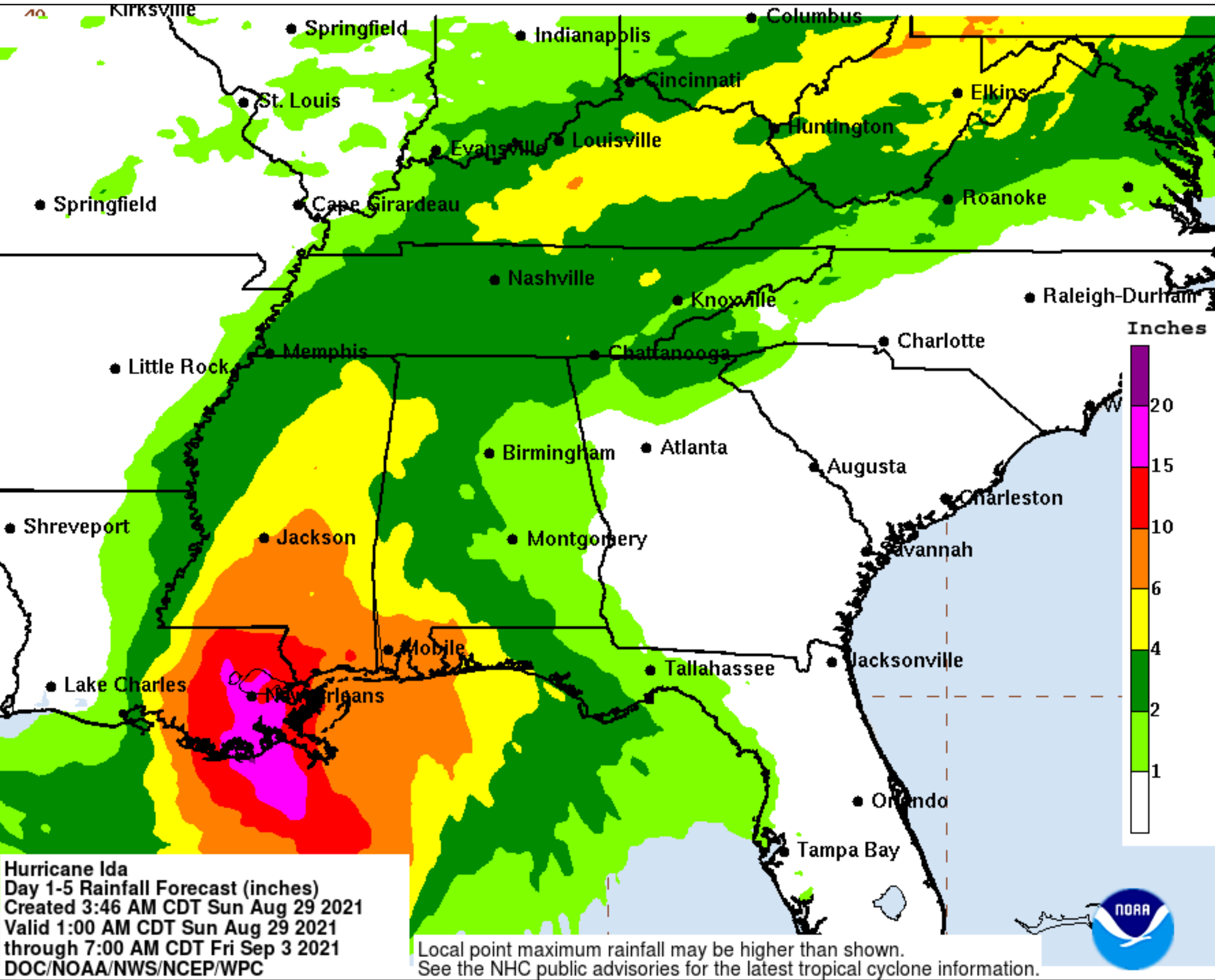
Expected Storm Total Rainfall and Chance of Rainfall Flooding



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NWS National Hurricane Center

Hurricane Ida

Images from NWS Weather Prediction Center



- Total rainfall in inches through Friday

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

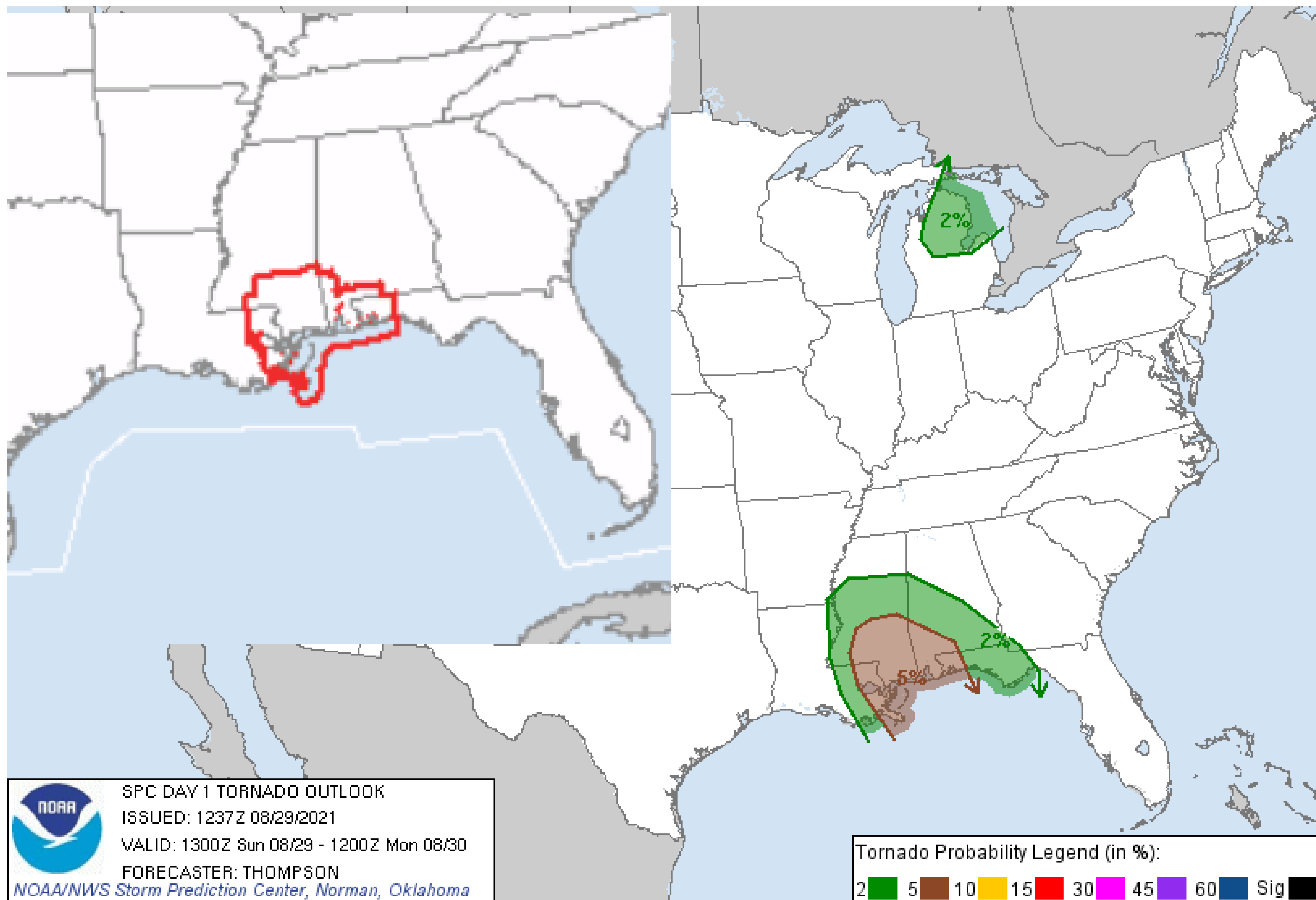
Tornado Outlook – Day 1

Hurricane Ida

Image from NWS Storm Prediction Center



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



- Tornadoes will be possible today into Monday from southeast Louisiana across southeast Mississippi and southwest Alabama to the western Florida Panhandle.

Key Messages

Hurricane Ida



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Marine Key Messages:

- Seas are currently peaking at 40 ft and will begin to recover as Ida makes landfall
- Tropical Storm Force winds will end along the coast early Monday morning*
- Expect seas to drop below 12 ft by Monday morning

Key Messages for Hurricane Ida
Advisory 13: 7:00 AM CDT Sun Aug 29, 2021

1. Extremely life-threatening storm surge inundation of 9 feet or greater above ground level is imminent somewhere within the area from Burns Point, Louisiana, to Ocean Springs, 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 Storm Surge Warning area should follow any advice given by local officials.

2. Catastrophic wind damage is likely where the core of Ida moves onshore along the southeast coast of Louisiana in the next few hours. Hurricane-force winds are expected today within the Hurricane Warning area along the Louisiana coast, including metropolitan New Orleans.

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 today through early Monday. These winds will likely lead to widespread tree damage and power outages.

4. Ida will produce heavy rainfall today through Monday across the central Gulf Coast from southeastern Louisiana, coastal Mississippi, to 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

Hurricane Ida
Sunday August 29, 2021
7 AM CDT Advisory 13
NWS National Hurricane Center

Current information: x
Center location 28.5 N 89.5 W
Maximum sustained wind 150 mph
Movement NW at 15 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

Most Likely Arrival Time of Tropical-Storm-Force Winds

Hurricane Ida
Sun. Aug. 29, 2021 7 am CDT
Advisory 13

Storm Location ○ = 34 kt (39 mph)
○ = 34-43 kt (39-73 mph)
Wind Speed ● = 64 kt (74 mph)

5-day chance of receiving sustained 34+ kt (39+ mph) winds
5 10 20 30 40 50 60 70 80 90 100 %

All Times CDT

IMPACTS FOR D8 (through next 5 days)

Winds – Extreme

Storm Surge – Extreme

Rainfall/Flash Flooding – Extreme

Tornadoes – Moderate

Waves - Extreme



HURRICANE IDA BRIEFING

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

*The Next Briefing Will Be:
Sunday 5:00 PM CDT*

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



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