

IMPACTS FOR District 8 (through next 5 days)

Winds – Extreme

Storm Surge – Extreme

Rainfall/Flash Flooding – Extreme

Tornadoes – Low

Waves - Extreme

HURRICANE KRIS BRIEFING

9:00 AM CDT

Thursday, May 1, 2025

Prepared by:

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Tropical Analysis and Forecast Branch

NWS National Hurricane Center





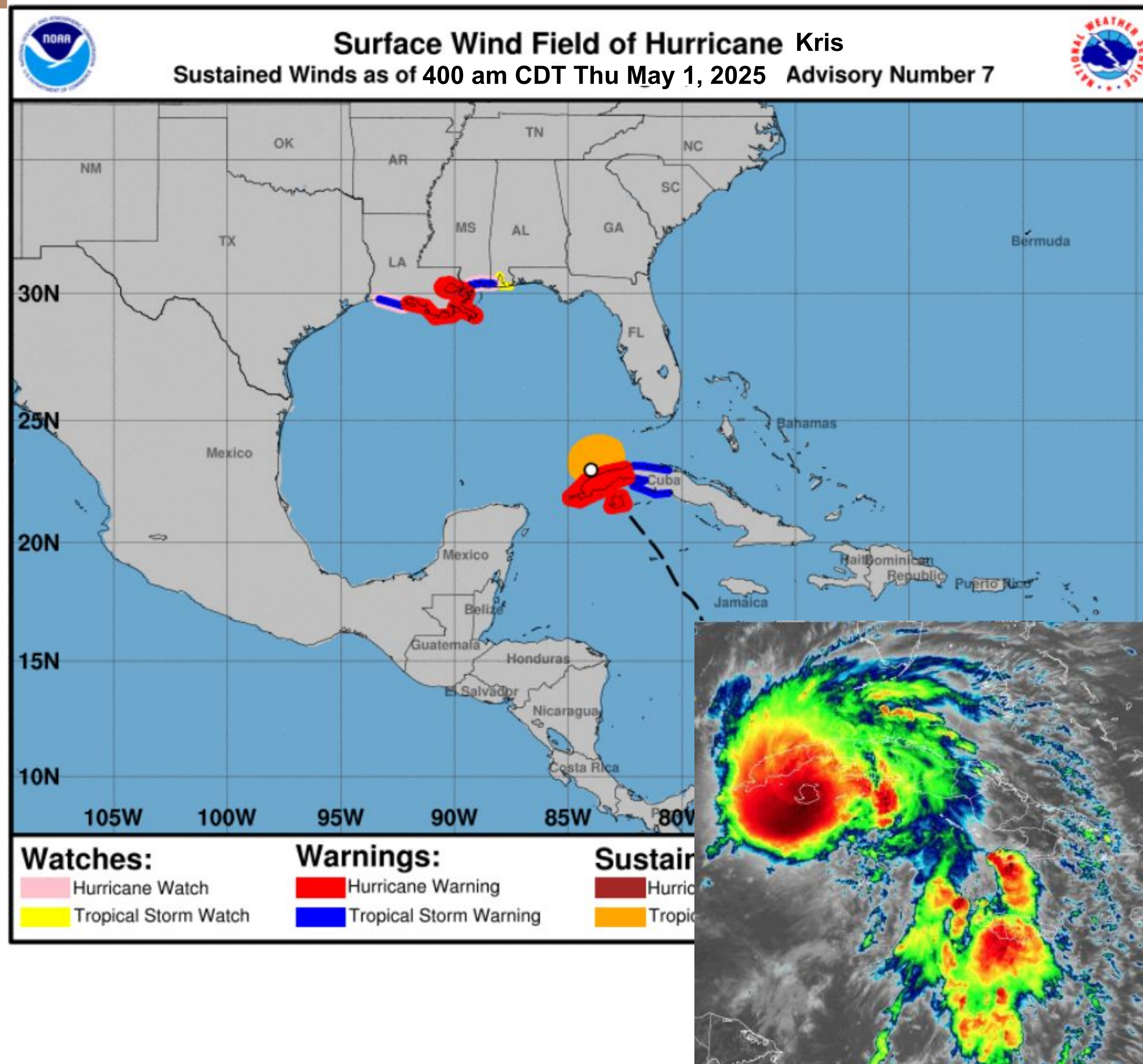
- **Storm Surge** – There is a danger of life-threatening storm surge inundation Friday night along the coasts of Louisiana, Mississippi, Alabama, and the Florida Panhandle. Extremely life-threatening inundation of 9 ft or greater above ground level is possible somewhere between Morgan City, LA and Mobile Bay, AL.
- **Wind** –Hurricane conditions are expected in the hurricane warning area along the northern Gulf coast beginning Friday night with tropical storm conditions expected to begin by late Fri afternoon.
- **Rainfall Flooding** – As Kris approaches the central Gulf Coast Friday night into Saturday, very heavy rainfall is possible across SE Louisiana through southern Alabama through the weekend. This is likely to result in life-threatening flash and urban flooding.

Situation Overview

Hurricane Kris



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NWS National Hurricane Center



...KRIS NOW ENTERING THE GULF OF MEXICO...

...FORECAST TO RAPIDLY INTENSIFY BEFORE REACHING THE NORTHERN GULF COAST...

Summary of 400 AM CDT Information

Location...23.0N 84.0W

About 91 nm W of Havana, Cuba

About 535 nm SE of New Orleans, Louisiana

Maximum Sustained Winds...70 kt

Movement...NW at 13 kt

Maximum Seas: 20 ft

12 Ft Seas: 105NE 0SE 0SW 105NW

Forecast Information

Hurricane Kris



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- The system will continue moving towards the west-northwest during the next few days
- The system is expected to strengthen into a major hurricane tonight or Fri
- Landfall expected as a major (Category 4) hurricane likely on Fri night into Sat along the Louisiana coast

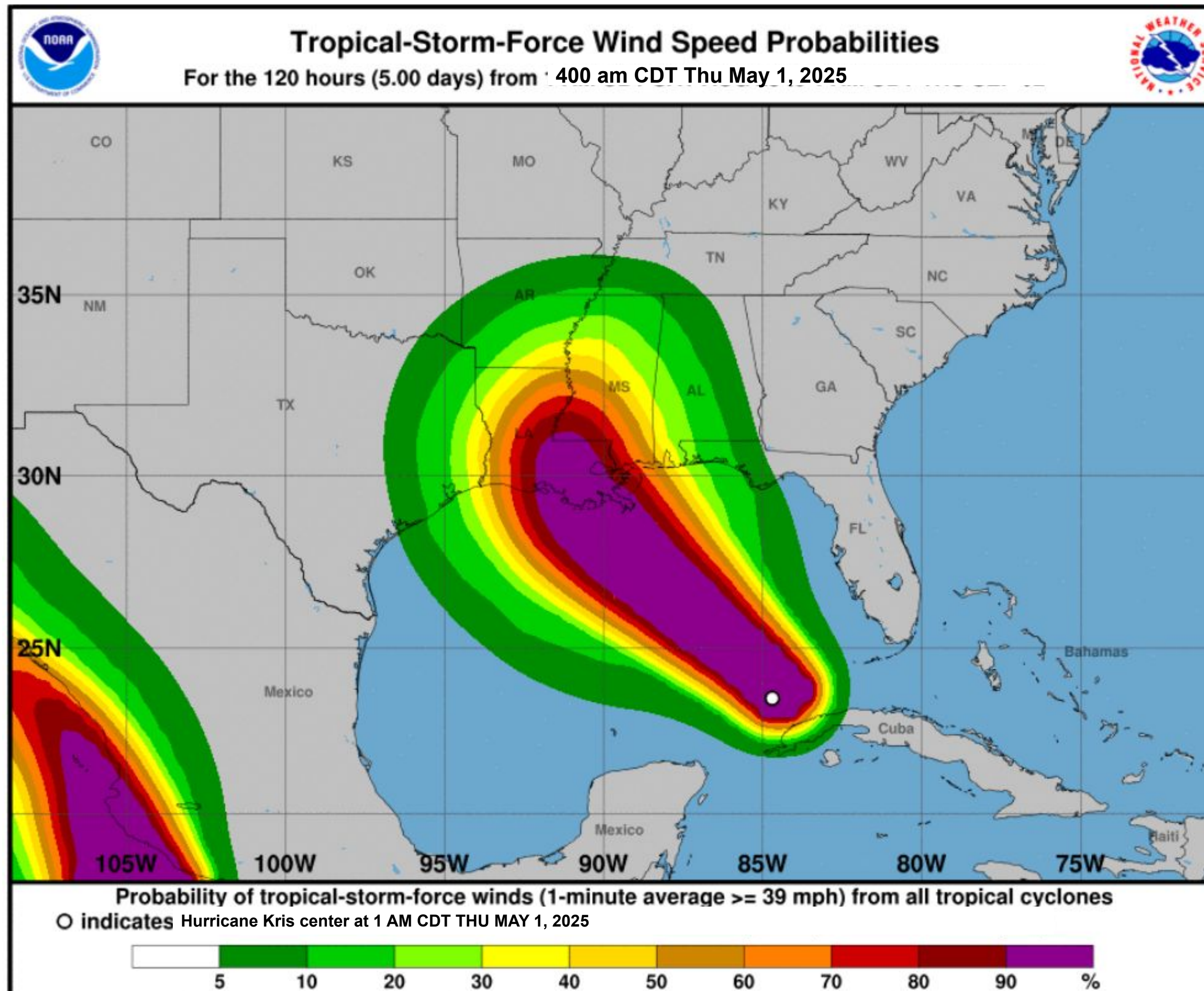
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

T.S. Wind Speed Probabilities

Hurricane Kris



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Red indicates **INCREASING** chances

Green indicates **DECREASING** chances

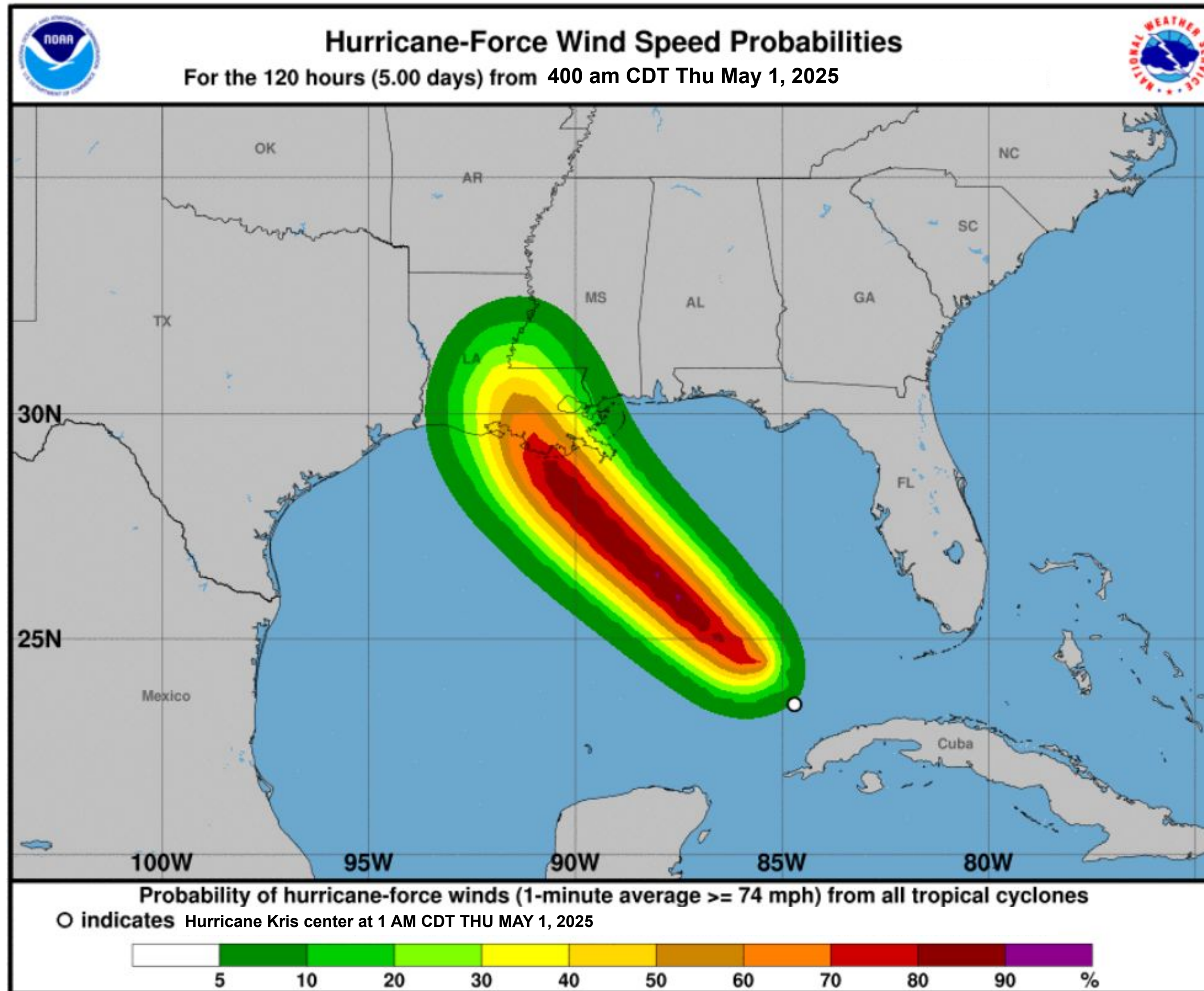
- Pensacola – 25%
- Mobile – 45%
- **Gulfport – 60%**
- **Buras – 85%**
- **New Orleans – 90%**
- **Morgan City – 95%**
- **Lafayette – 85%**
- **New Iberia – 85%**
- **Lake Charles – 55%**
- **Cameron – 60%**
- Port Arthur – 40%
- Galveston – 25%
- High Island – 30%

Hurricane Wind Speed Probabilities

Hurricane Kris



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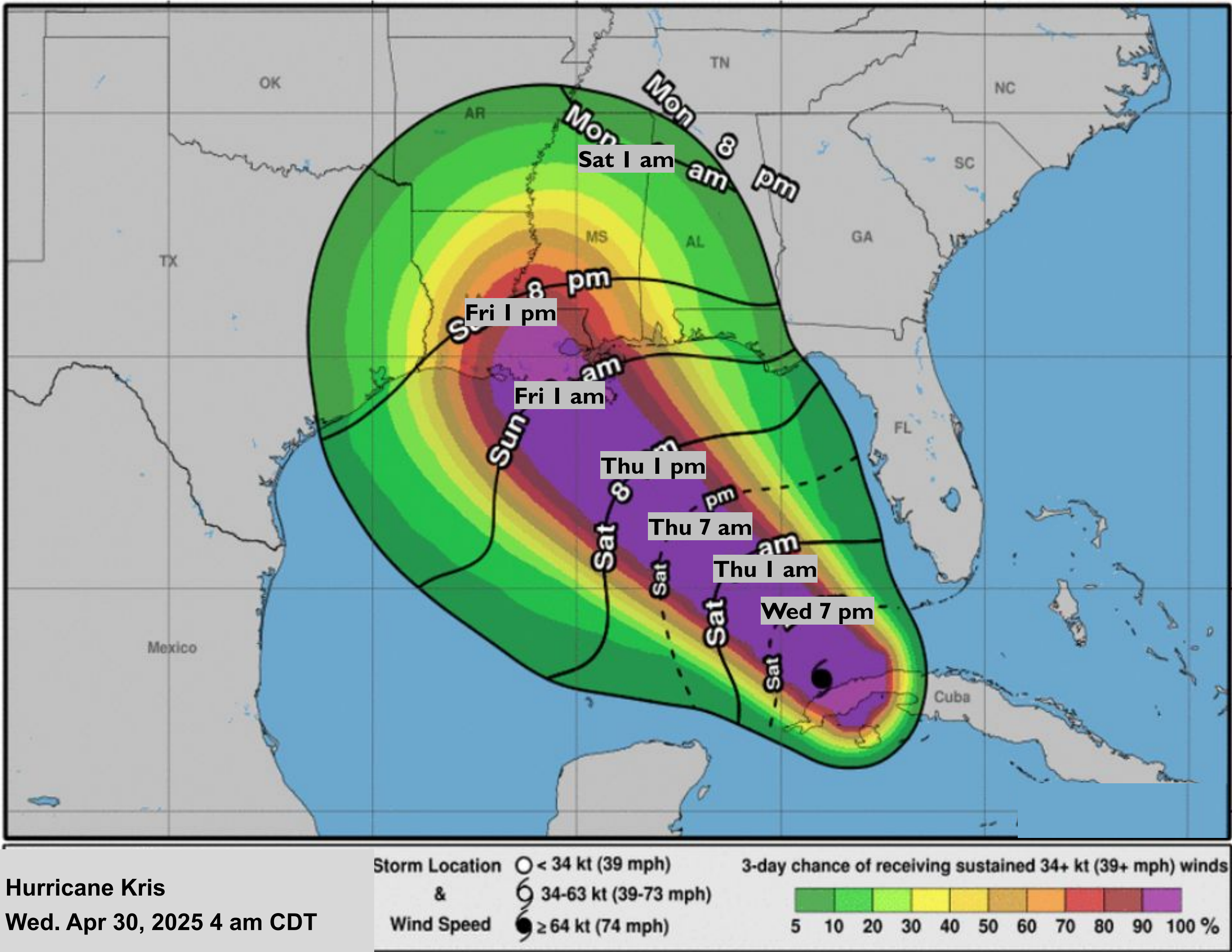
Red indicates **INCREASING** chances

Green indicates **DECREASING** chances

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



Hurricane Kris



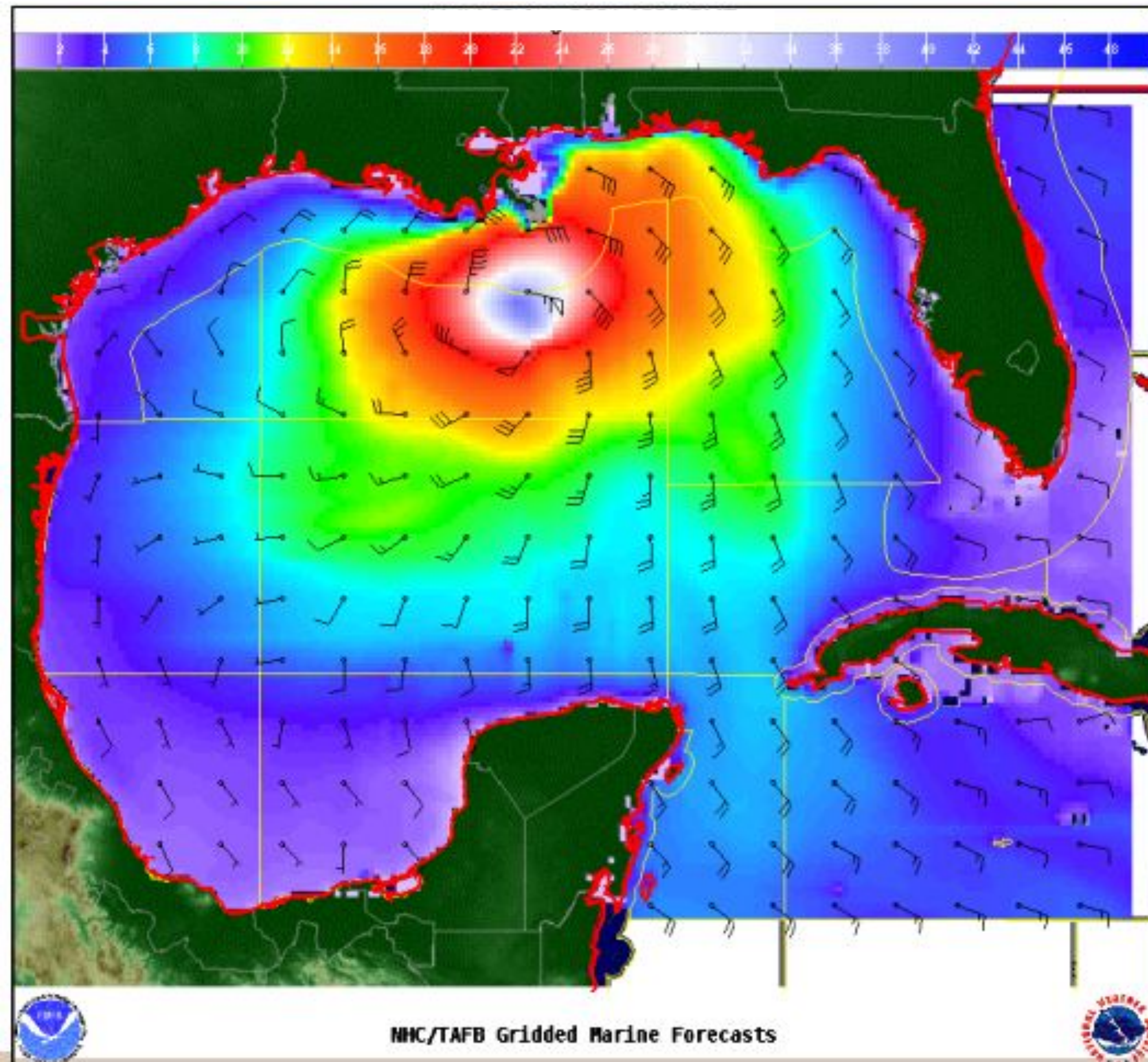
- NW Florida, Alabama: Thursday night
 - 36-48 hours
- Southeast/South-Central Louisiana: Thursday night
 - 36-48 hours
- SW Louisiana/Upper Texas Coast: Friday morning
 - 48-60 hours
- Tropical Storm Conditions will end Friday evening
 - 60-72 hours

Wind And Waves

Hurricane Kris



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36 Hour Forecast

Fri, May 2, 2025

Peak Winds: 120 kt

Peak Seas: 40 ft

- Wave heights are in feet



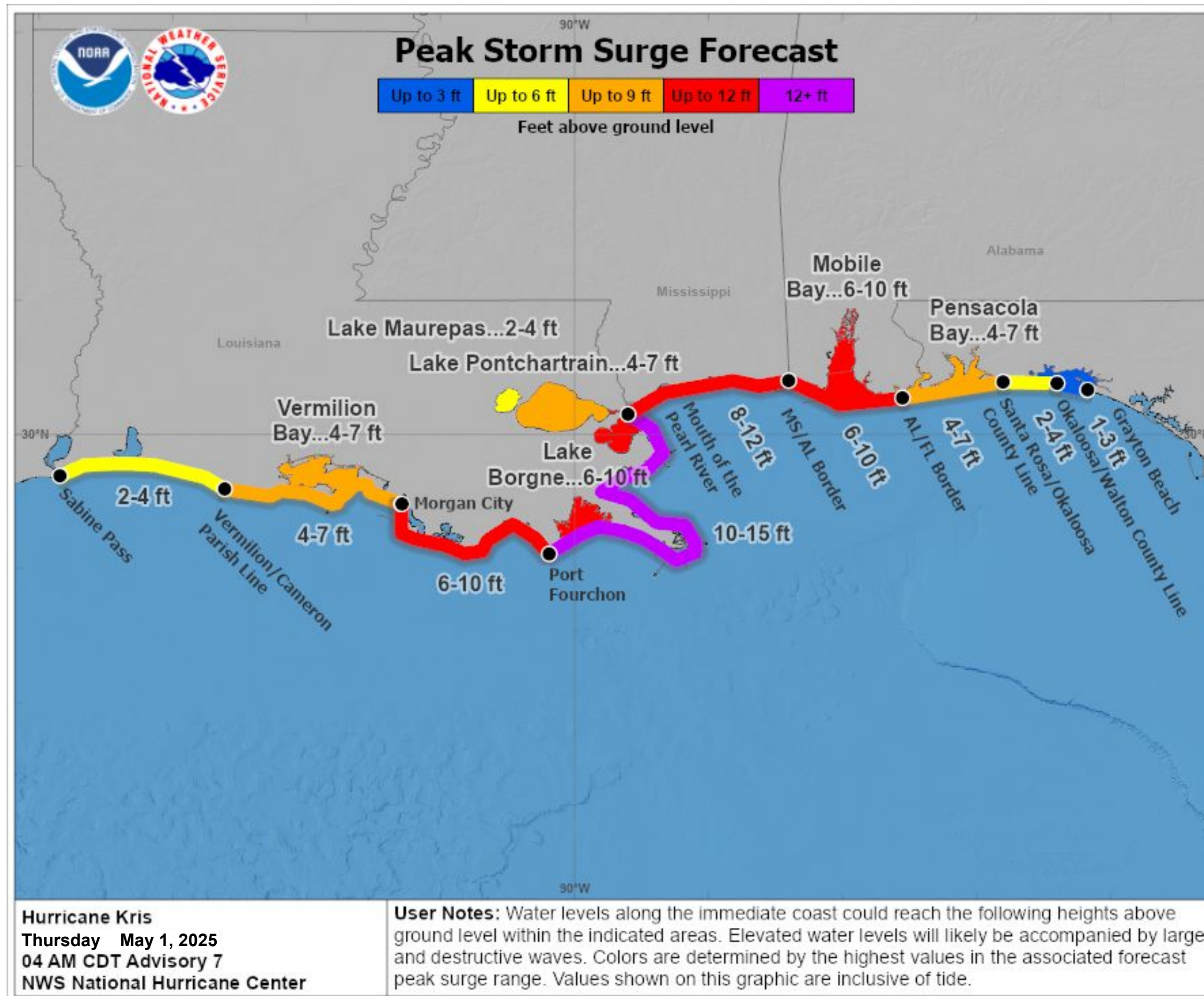
Significant Wave Height (ft)

Potential Peak Storm Surge

Hurricane Kris



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

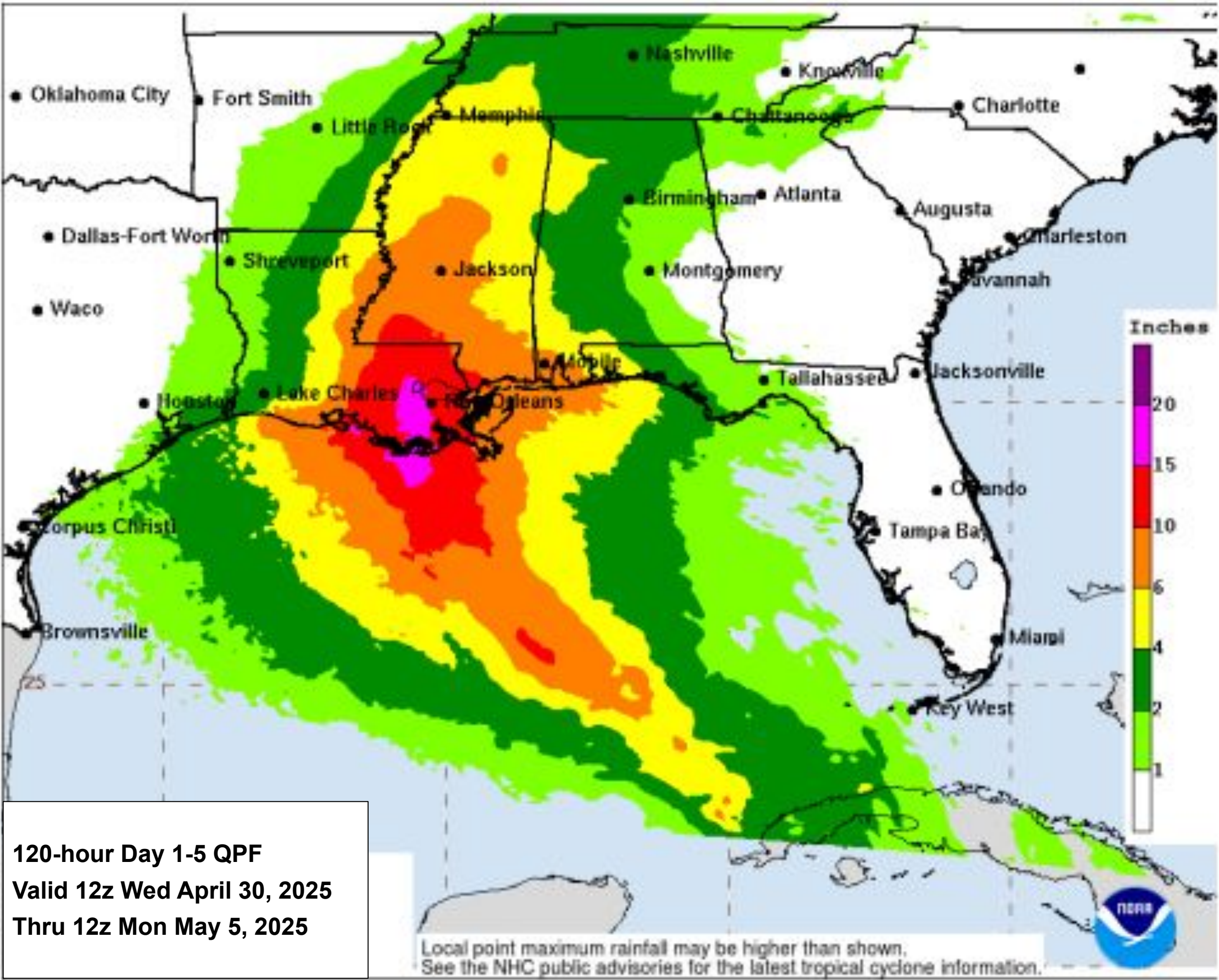
Expected Storm Total Rainfall and Chance of Rainfall Flooding



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Hurricane Kris

Images from NWS Weather Prediction Center





Marine Key Messages

- Hurricane/Tropical Storm/Storm Surge Warning: coastal LA, MS
- Hurricane/Tropical Storm Watch: western LA, Alabama
- Seas building as high as 40 ft in the northern Gulf of America Thursday through Saturday

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