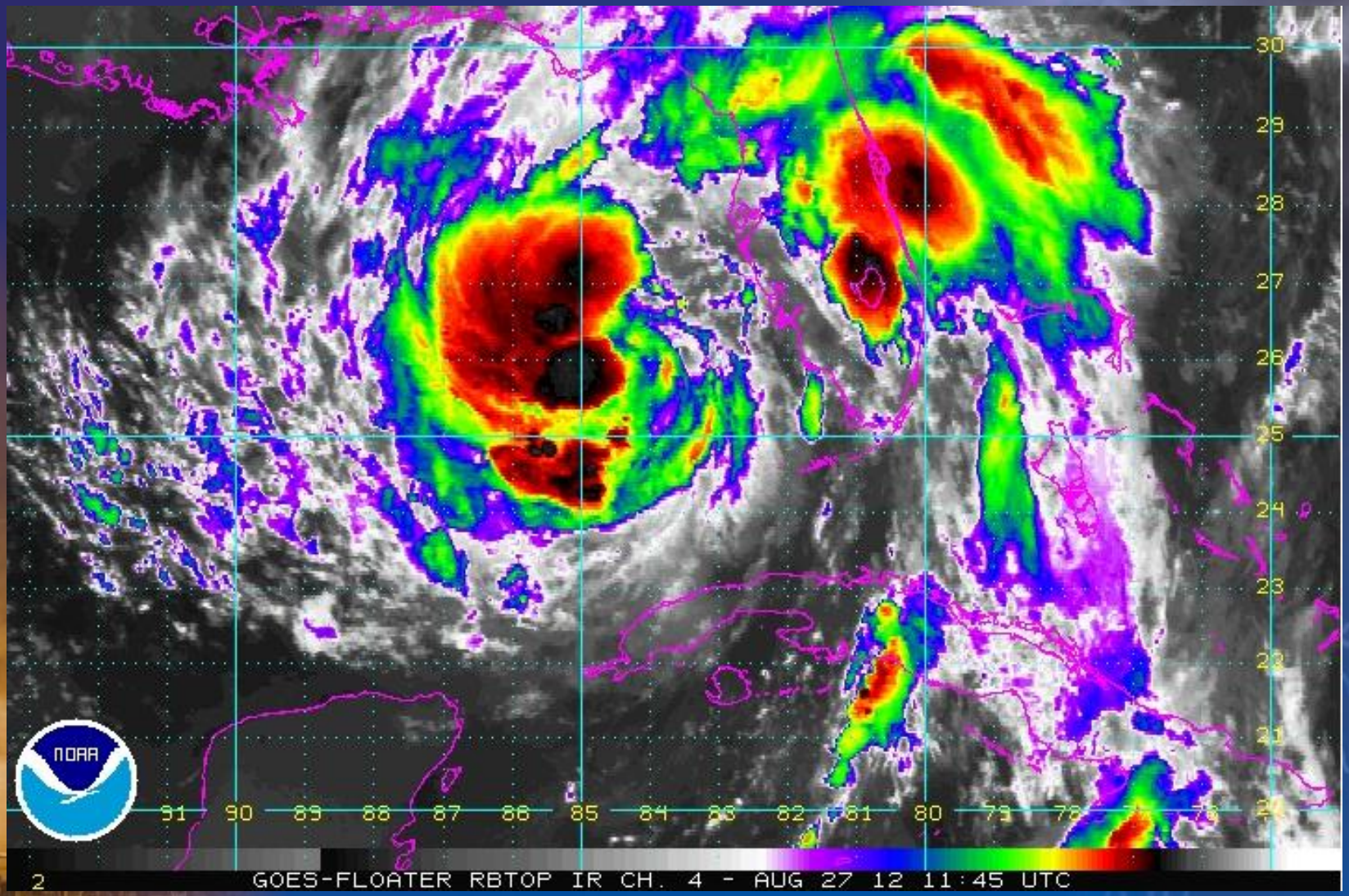
Tropical Weather Briefing

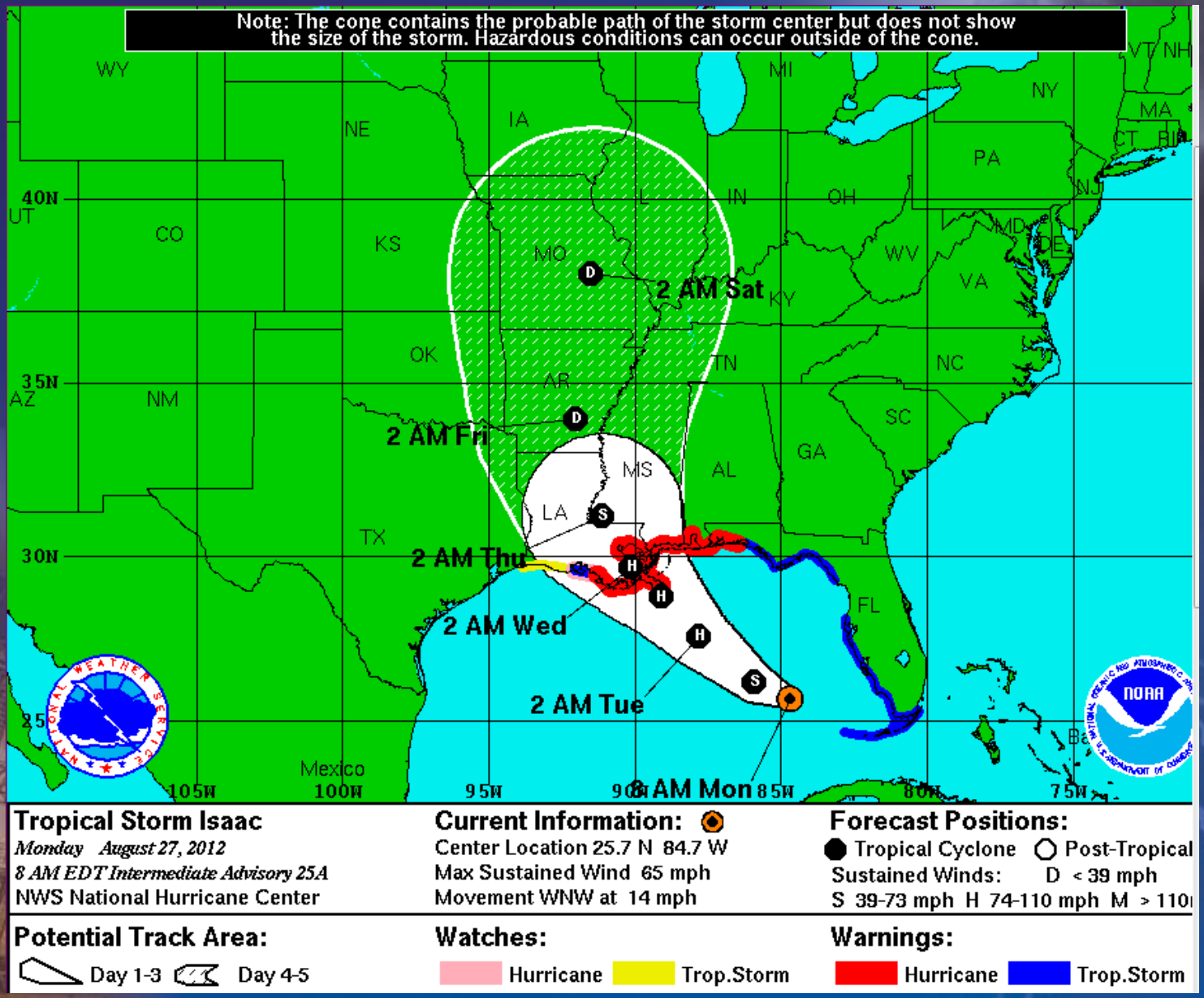
August 27, 2012
700 AM CDT

National Weather Service
Weather Forecast Office
Slidell, LA

Current Satellite



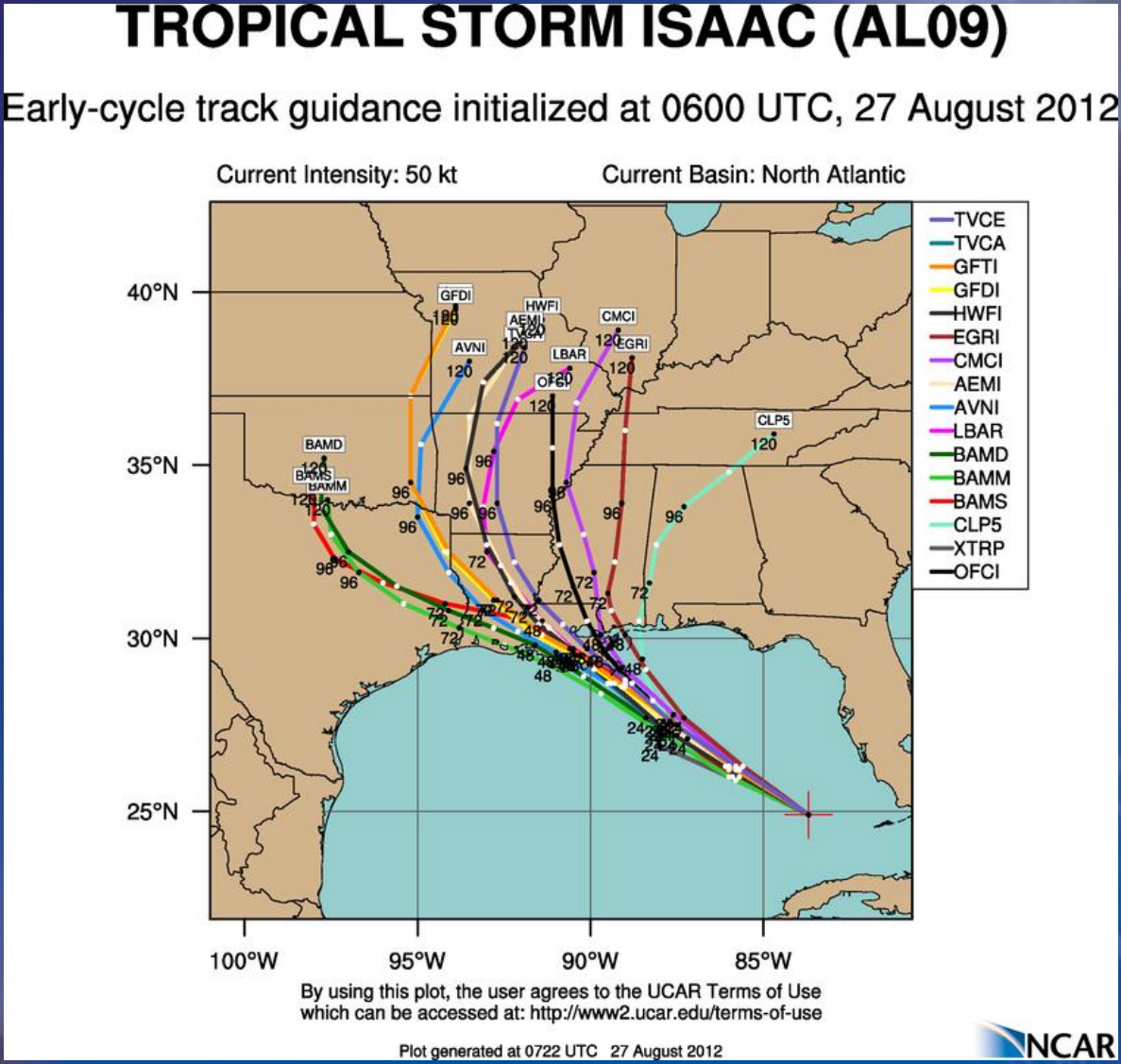
Tropical Storm Isaac



Watches/Warnings

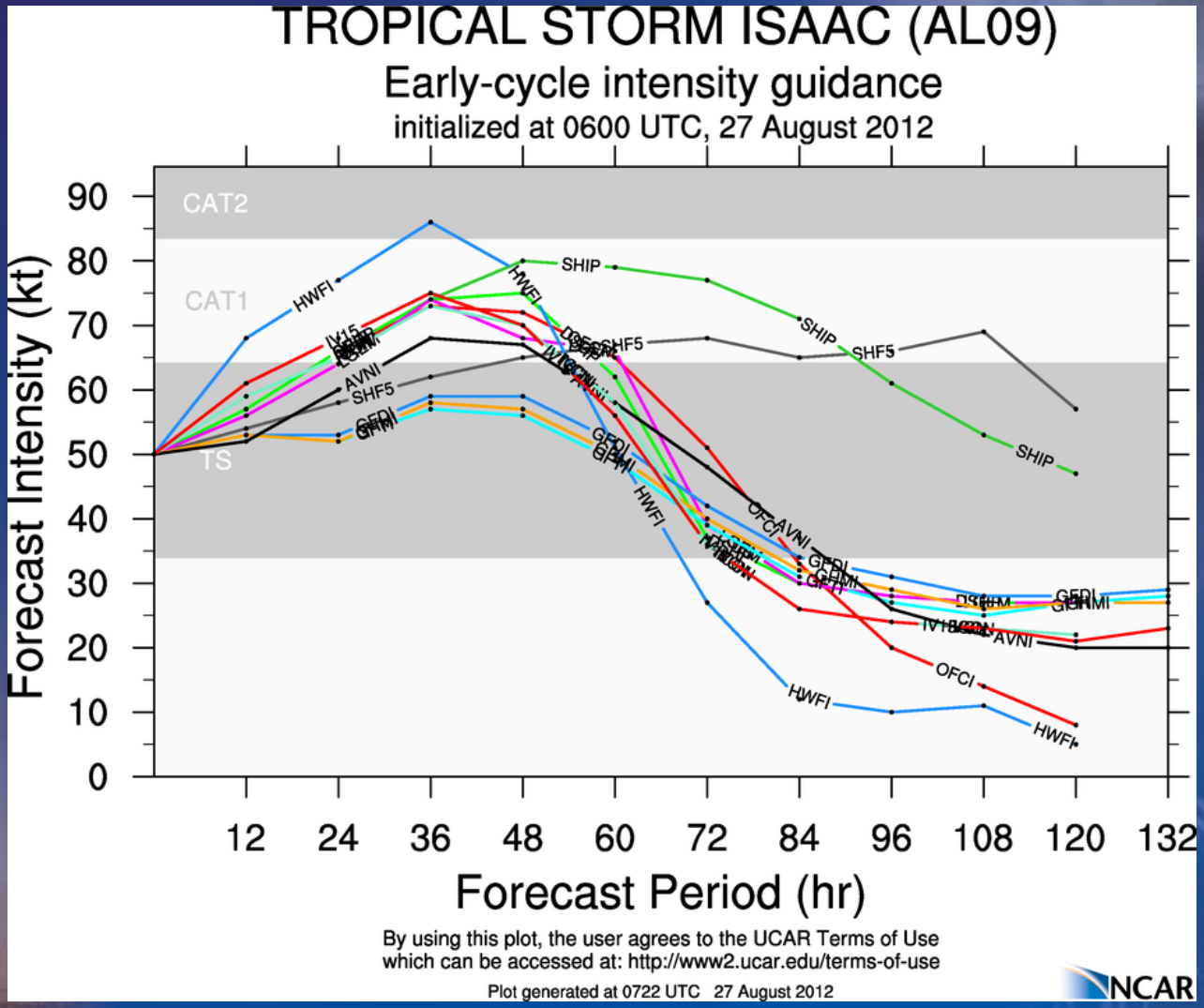
Tropical Storm Isaac

Track Guidance



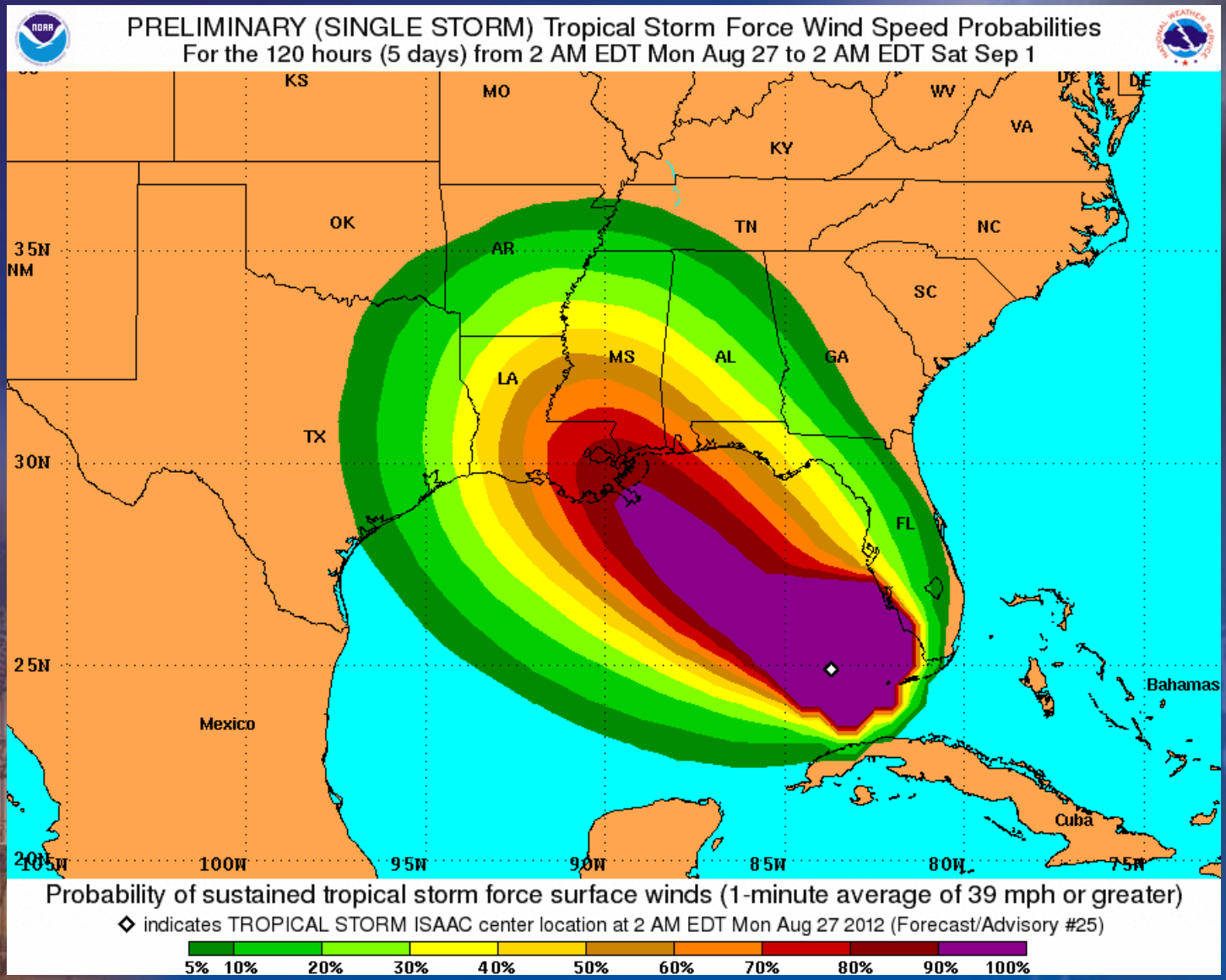
Tropical Storm Isaac

Intensity Forecast



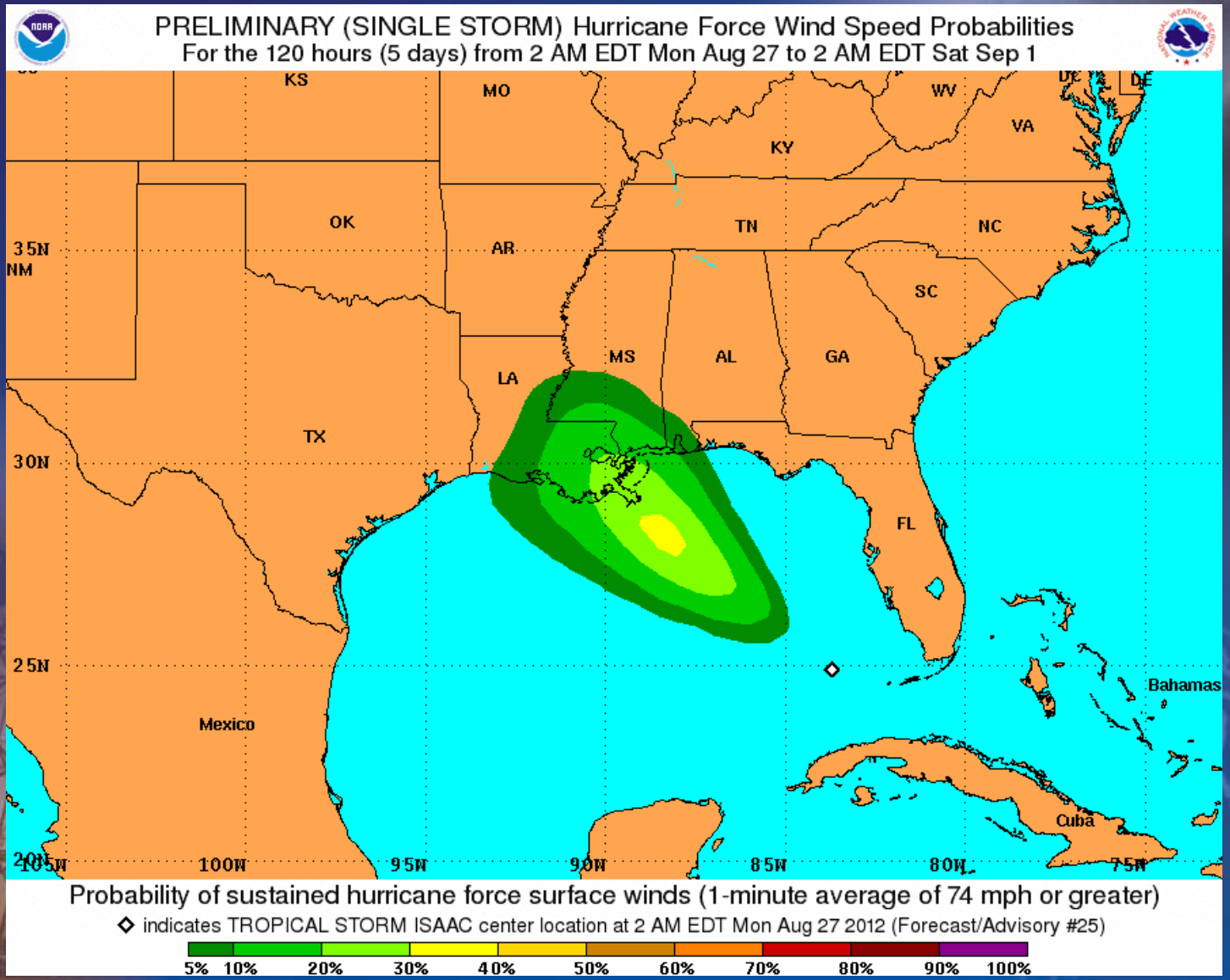
Tropical Storm Isaac

TS Wind Probability Forecast



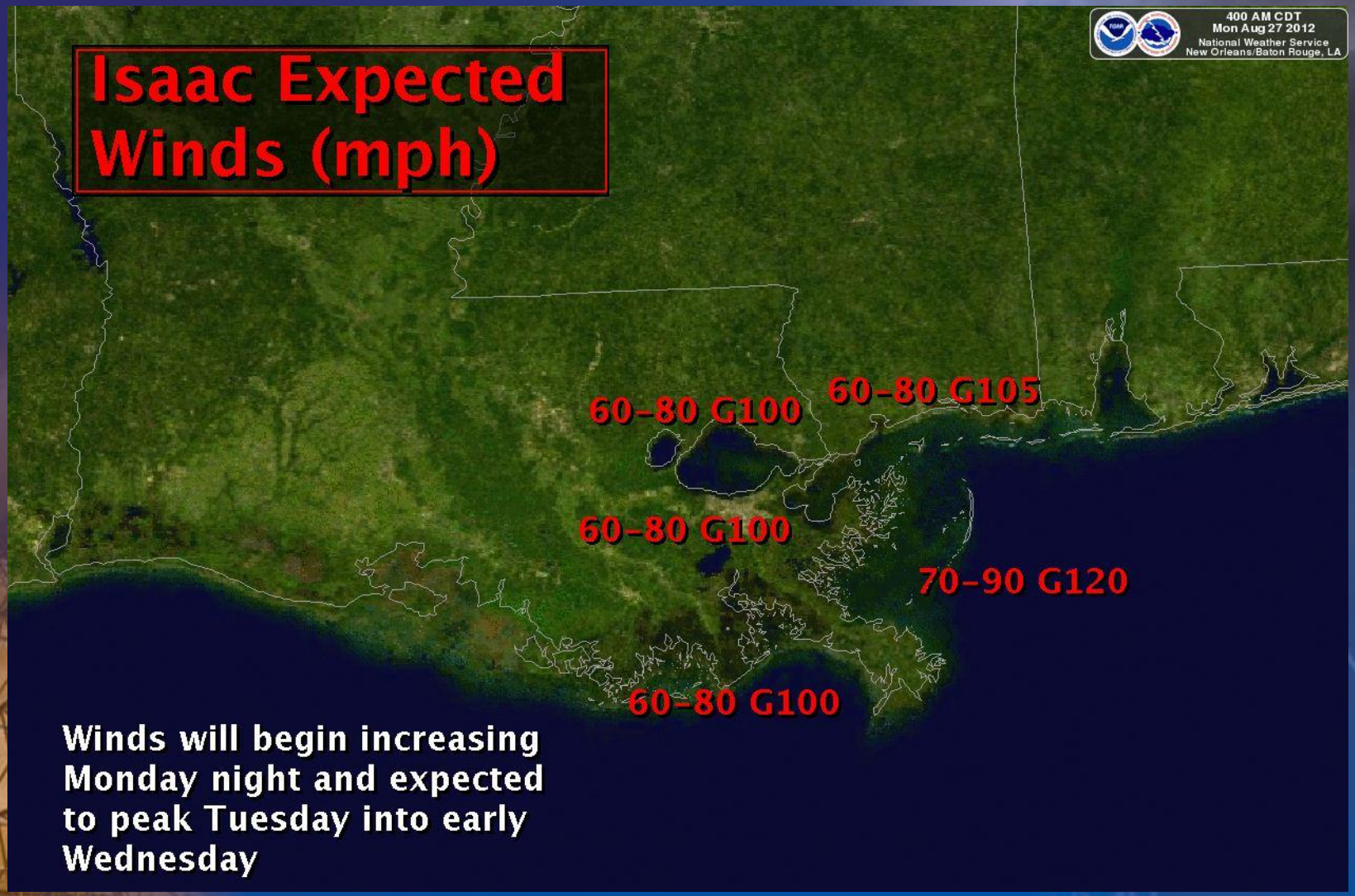
Tropical Storm Isaac

Hurricane Wind Probability Forecast



Tropical Storm Isaac

Wind Forecast



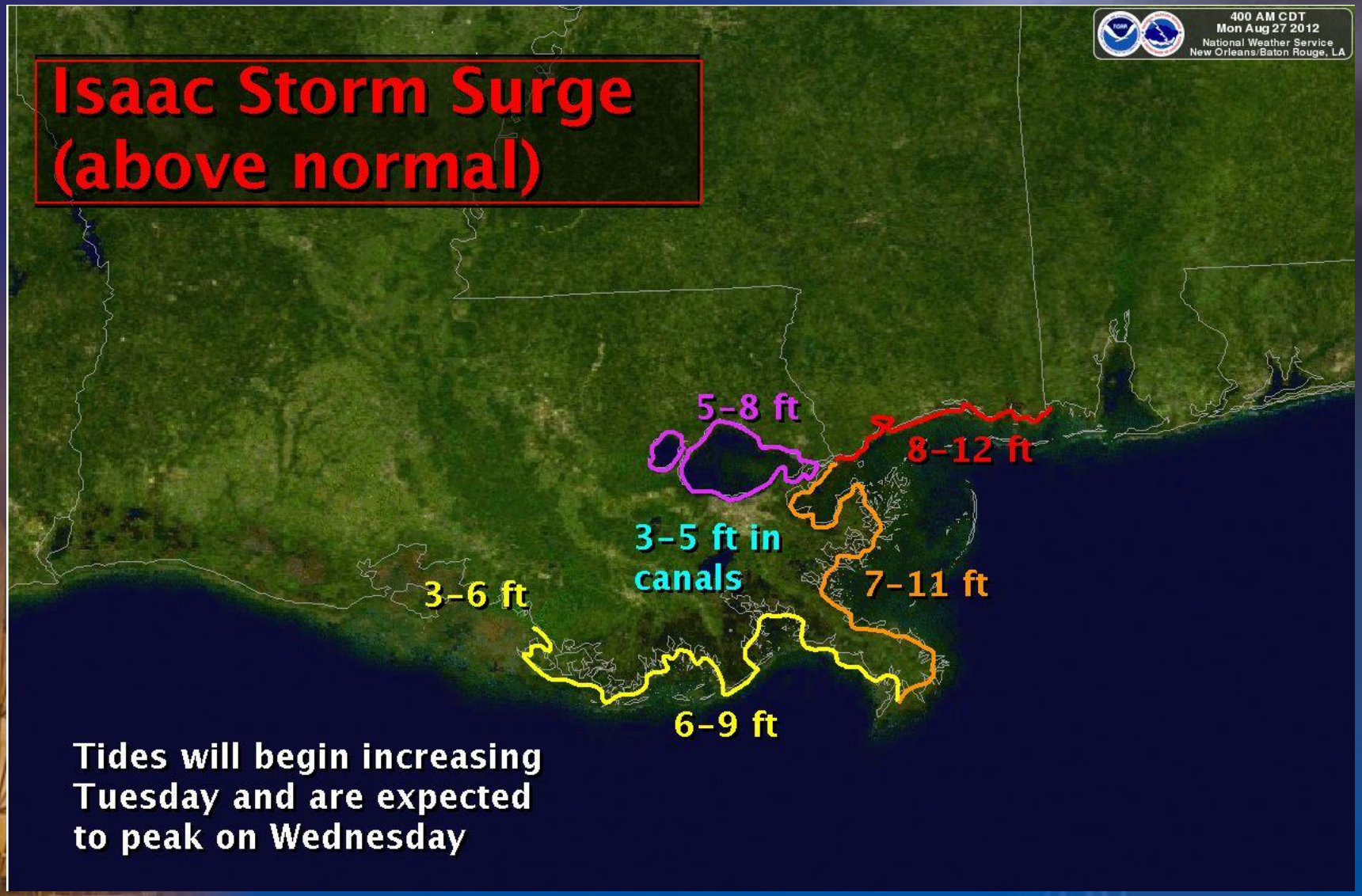
Tide Levels

Currently in Spring Tide

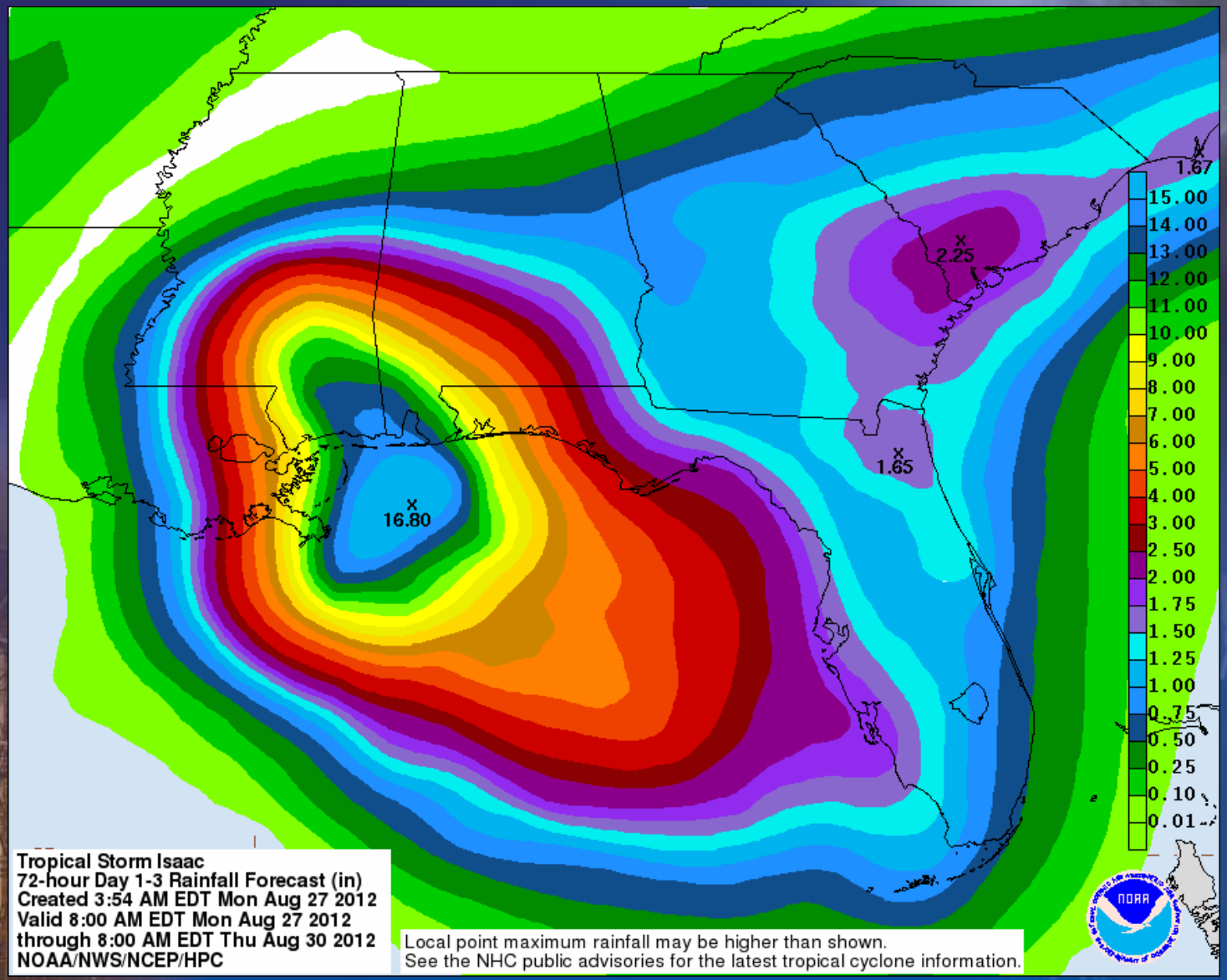
MS Coast: Tide levels increasing to 8 to 12 feet above normal during high tide cycles Tuesday and Wednesday.

SE LA Coast: Tide levels increasing to 5 to 8 feet above normal within Lake Pontchartrain, 6 to 10 feet above normal west of the MS River and 7 to 11 feet above normal east of the MS River through Wednesday high tide cycle.

Tide Levels


400 AM CDT
Mon Aug 27 2012
National Weather Service
New Orleans/Baton Rouge, LA
Isaac Storm Surge
(above normal)
5-8 ft
8-12 ft
3-5 ft in
canals
7-11 ft
3-6 ft
6-9 ft
Tides will begin increasing
Tuesday and are expected
to peak on Wednesday

Rainfall through Wed.



Summary

- Onset of TS winds: late Monday night/early Tuesday morning
- Tropical Storm wind duration: 20 to 24 hours for most locations with a few locations up to 36 hours
- Hurricane force wind duration: 8 to 10 hours in areas within direct path
- Tropical storm force wind probabilities range from 80% for the MS coast and 80-90% for SE LA north and south of Lake Pontchartrain and 70% across River Parishes and areas around BTR.
- Rainfall: 2 to 7 inches across much of SE LA, 8 to 16 inches across coastal MS. Highest threat along and east of track.
- Tornadoes: Threat Tuesday through Wednesday

Summary

- **HURRICANE WARNING** is in effect from Tangipahoa Parish, southward to Morgan City, eastward through coastal MS. This includes the New Orleans metro area.
- **TROPICAL STORM WARNING** is now in effect for SW MS and E-central LA including the Baton Rouge metro area.
- Tropical Storm Isaac current forecast track has adjusted just slightly westward of previous advisory – now from the mouth of the MS River, across Lake Maurepas into the I-55 corridor late Tuesday into early Wednesday. Forecast intensity still calls for a Category 2 hurricane at landfall.
- Hurricane force wind probabilities are now 15-20% for MS coast; 20 to 30% SE LA south of Tidal Lakes; 10-18% north of tidal lakes, River Parishes and Baton Rouge area.

Summary

- While Isaac appears prominent on satellite imagery, reconnaissance data continues to indicate little change in intensity the past several hours. The pressure tendency has leveled off since last advisory.
- A larger part of the outlook area will be affected by this storm. The model spread appears to be less than past runs.