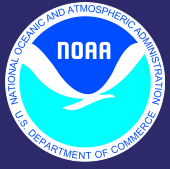


Tropical Weather Briefing

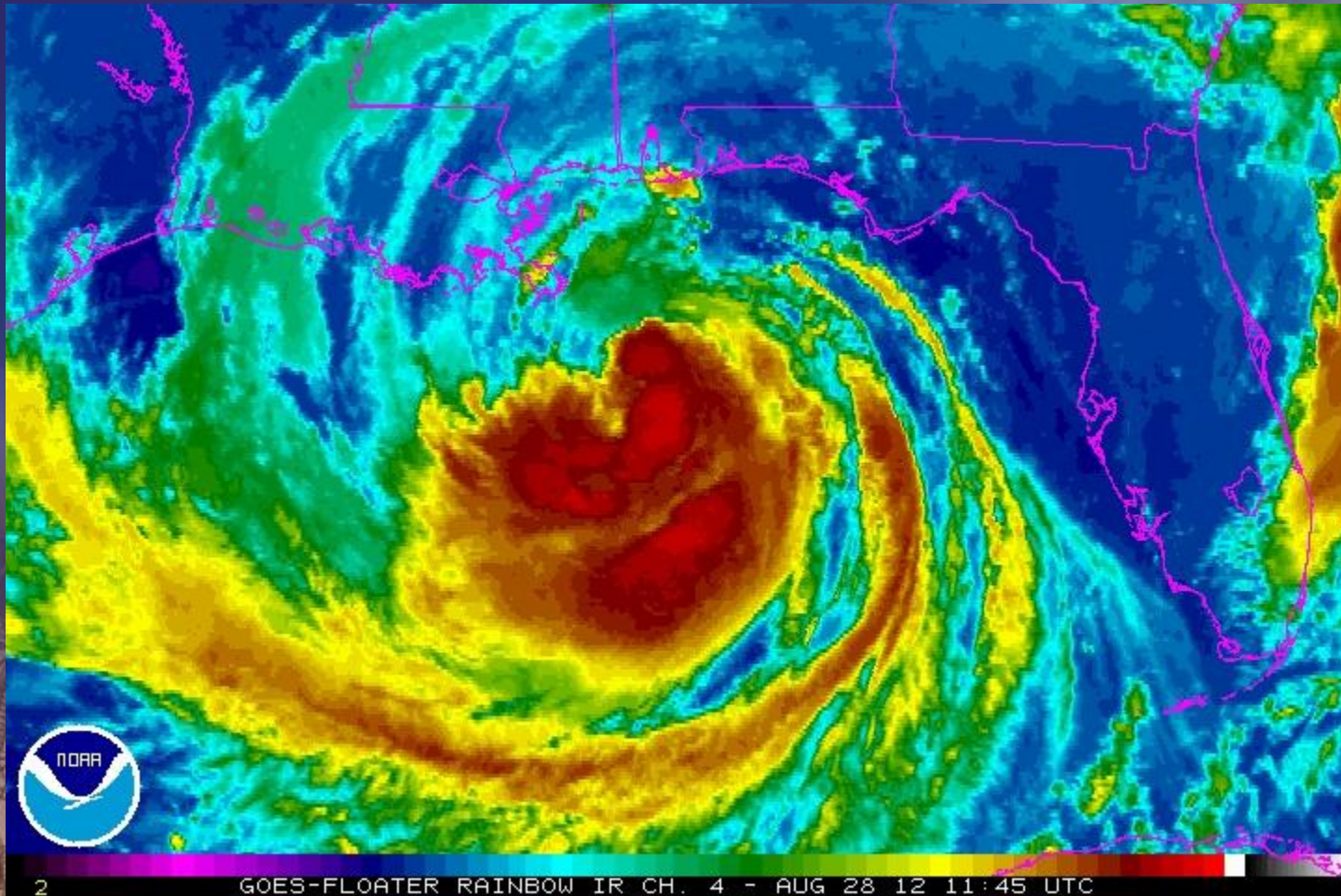
**August 28, 2012
700 AM CDT**

**National Weather Service
Weather Forecast Office
Slidell, LA**



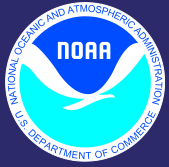


Current Satellite

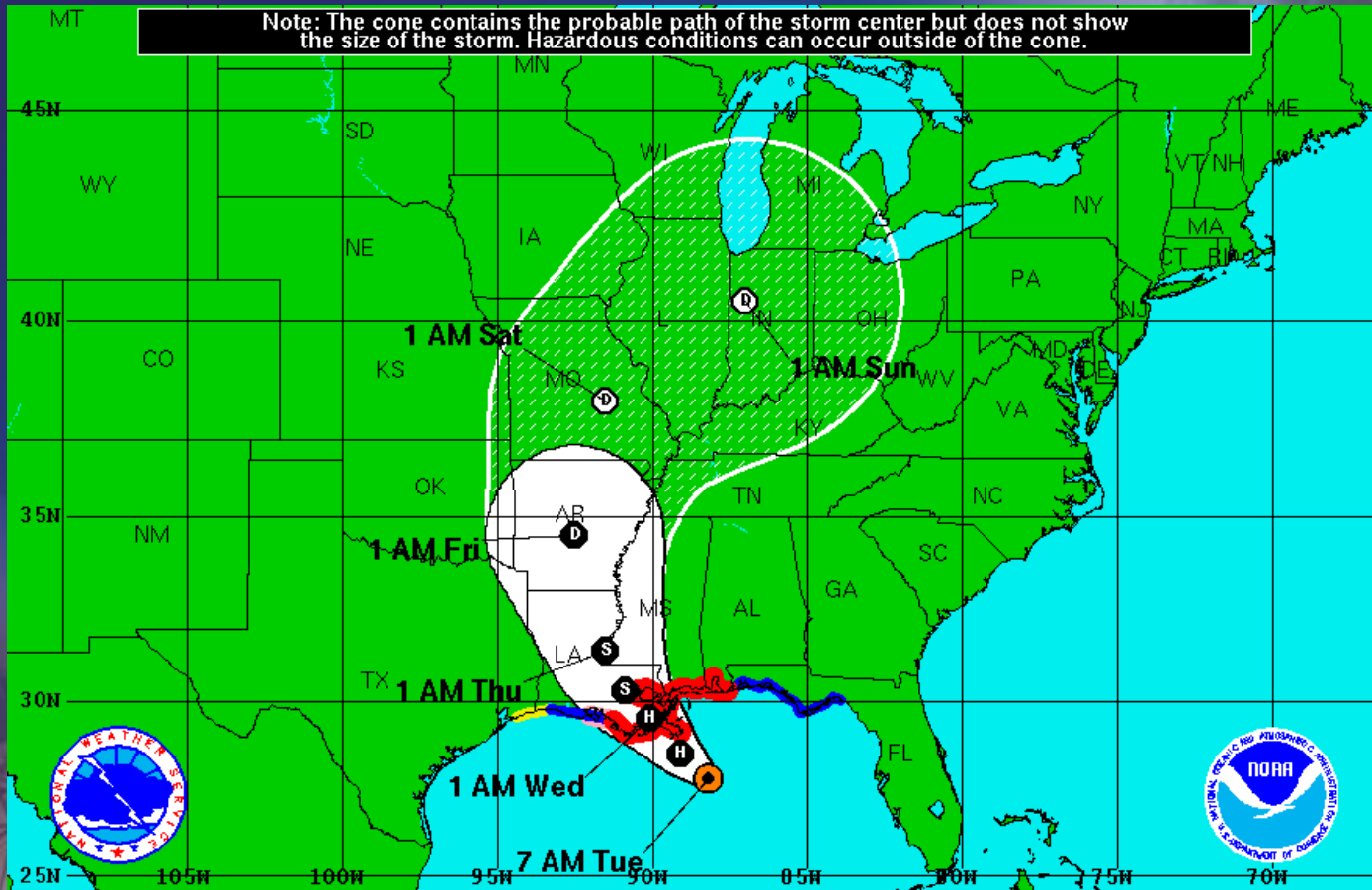


2

GOES-FLOATER RAINBOW IR CH. 4 - AUG 28 12 11:45 UTC



Tropical Storm Isaac



Tropical Storm Isaac

Tuesday August 28, 2012
 7 AM CDT Intermediate Advisory 29A
 NWS National Hurricane Center

Current Information: ●
 Center Location 27.8 N 88.2 W
 Max Sustained Wind 70 mph
 Movement NW at 7 mph

Forecast Positions:

● Tropical Cyclone ○ Post-Tropical
 Sustained Winds: D < 39 mph
 S 39-73 mph H 74-110 mph M > 110mph

Potential Track Area:

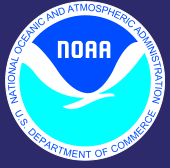
▨ Day 1-3 ▨ Day 4-5

Watches:

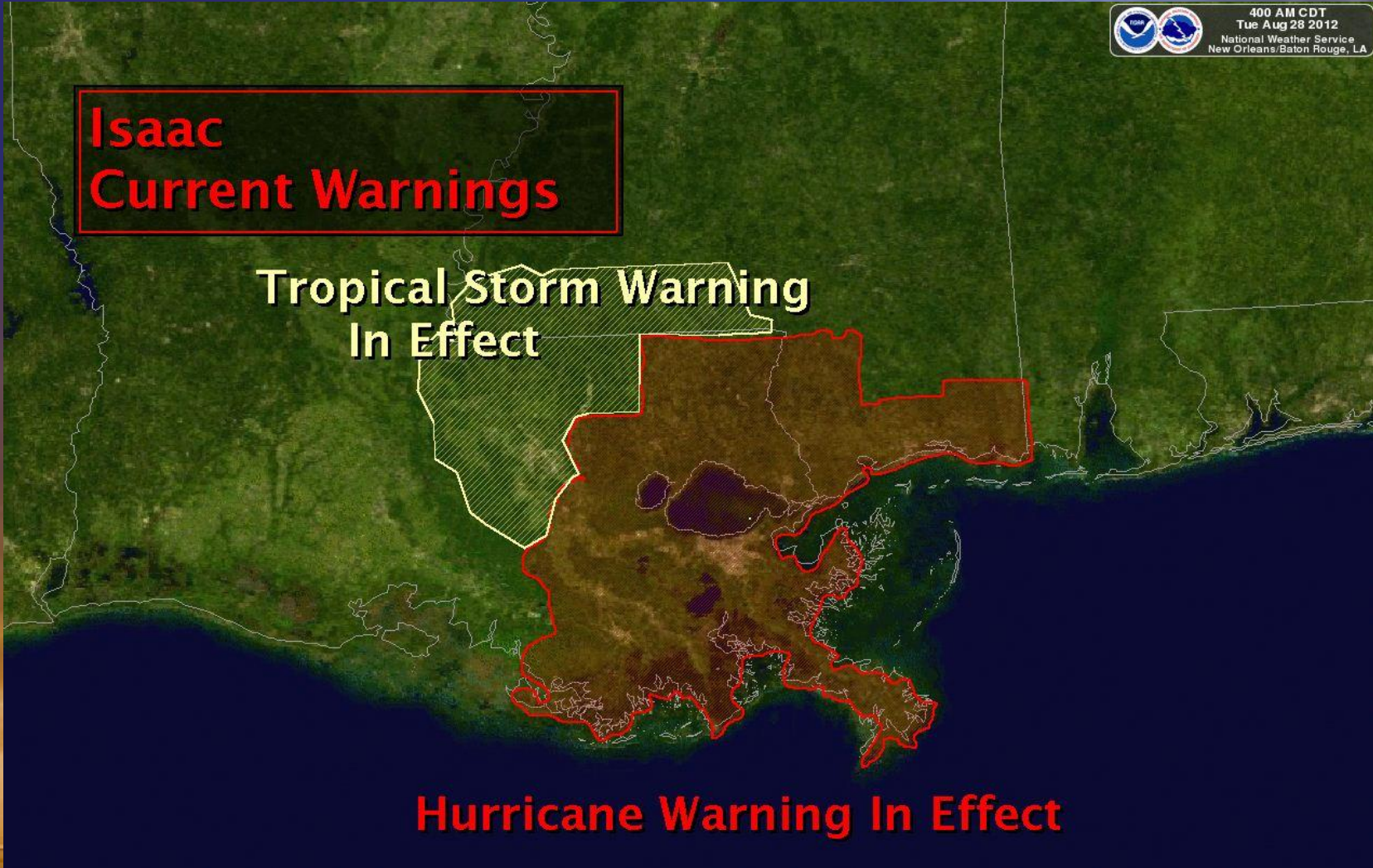
▨ Hurricane ▨ Trop.Storm

Warnings:

▨ Hurricane ▨ Trop.Storm



Watches/Warnings

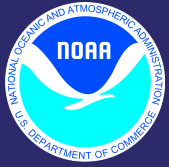


**Isaac
Current Warnings**

**Tropical Storm Warning
In Effect**

Hurricane Warning In Effect

400 AM CDT
Tue Aug 28 2012
National Weather Service
New Orleans/Baton Rouge, LA



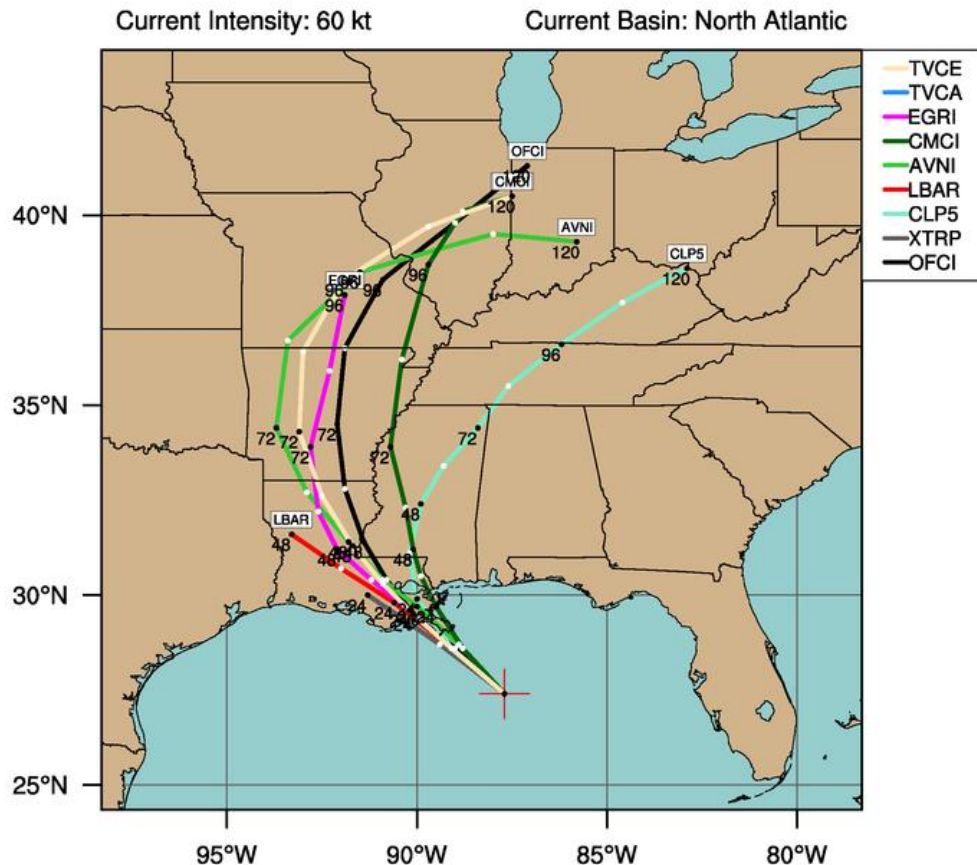
Tropical Storm Isaac

Track Guidance



TROPICAL STORM ISAAC (AL09)

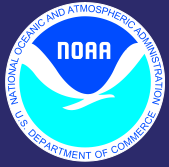
Early-cycle track guidance initialized at 0600 UTC, 28 August 2012



By using this plot, the user agrees to the UCAR Terms of Use which can be accessed at: <http://www2.ucar.edu/terms-of-use>

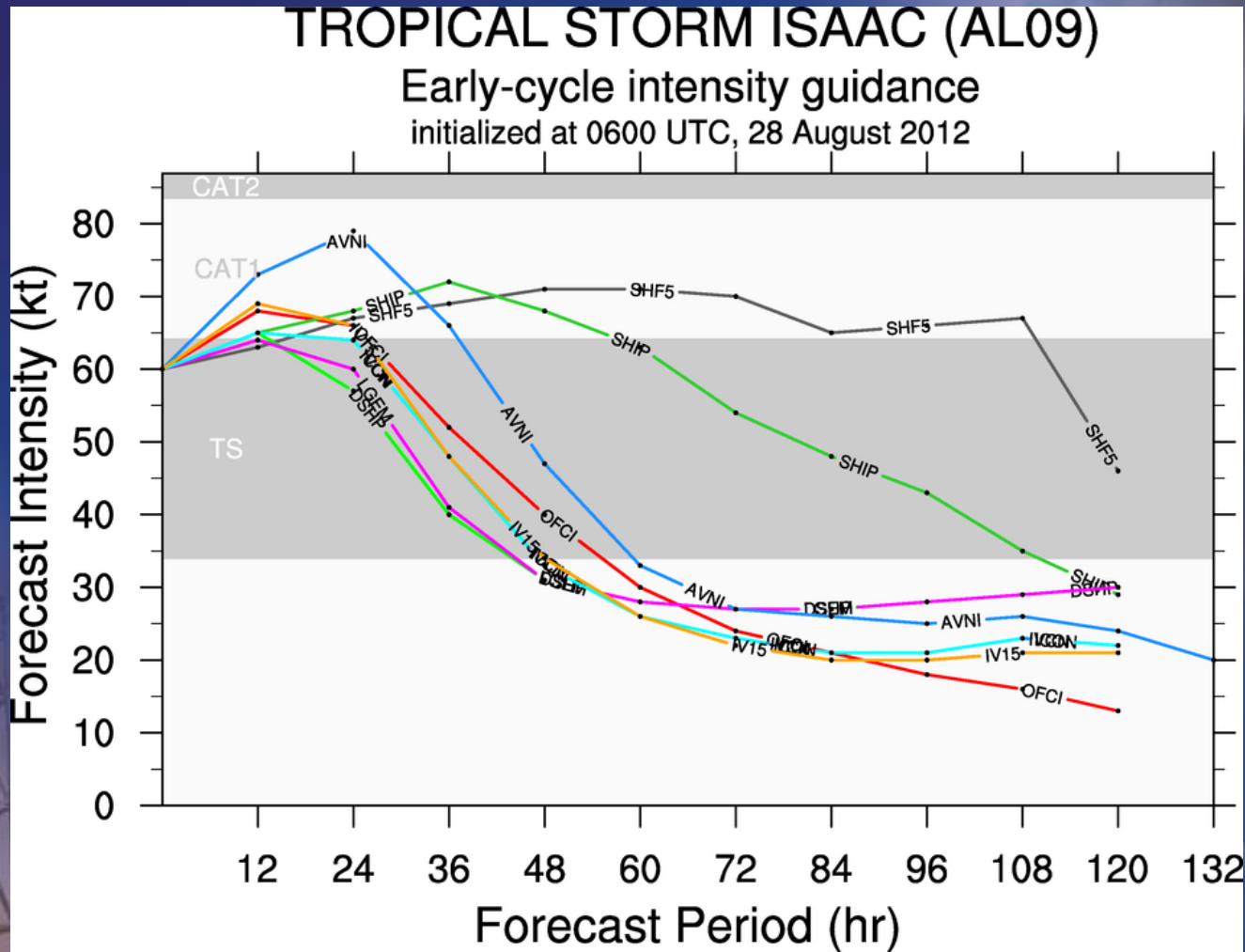
Plot generated at 0722 UTC 28 August 2012





Tropical Storm Isaac

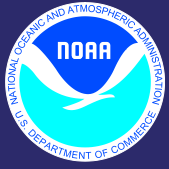
Intensity Forecast



By using this plot, the user agrees to the UCAR Terms of Use
which can be accessed at: <http://www2.ucar.edu/terms-of-use>

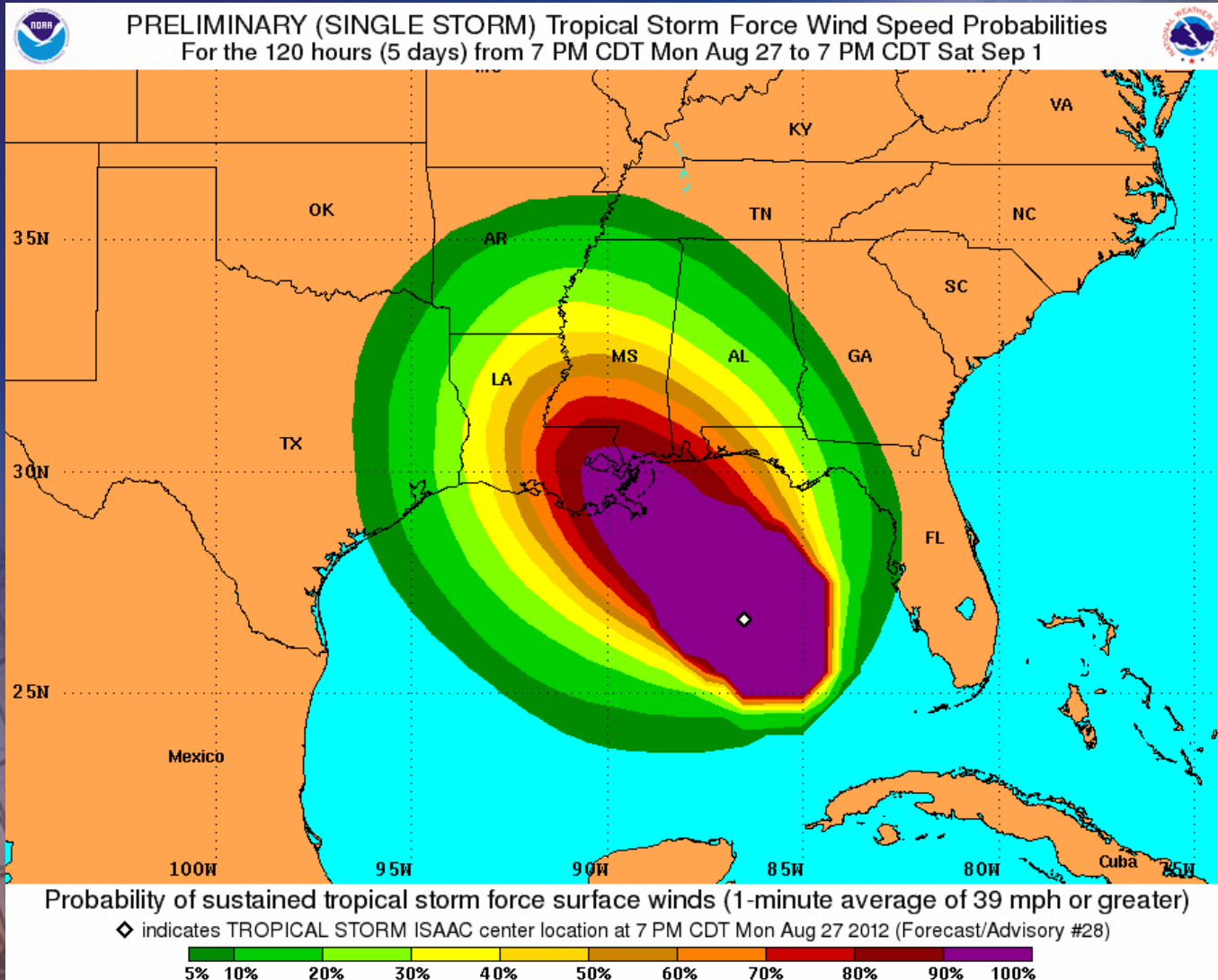
Plot generated at 0722 UTC 28 August 2012

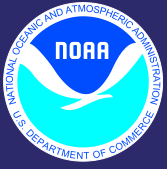




Tropical Storm Isaac

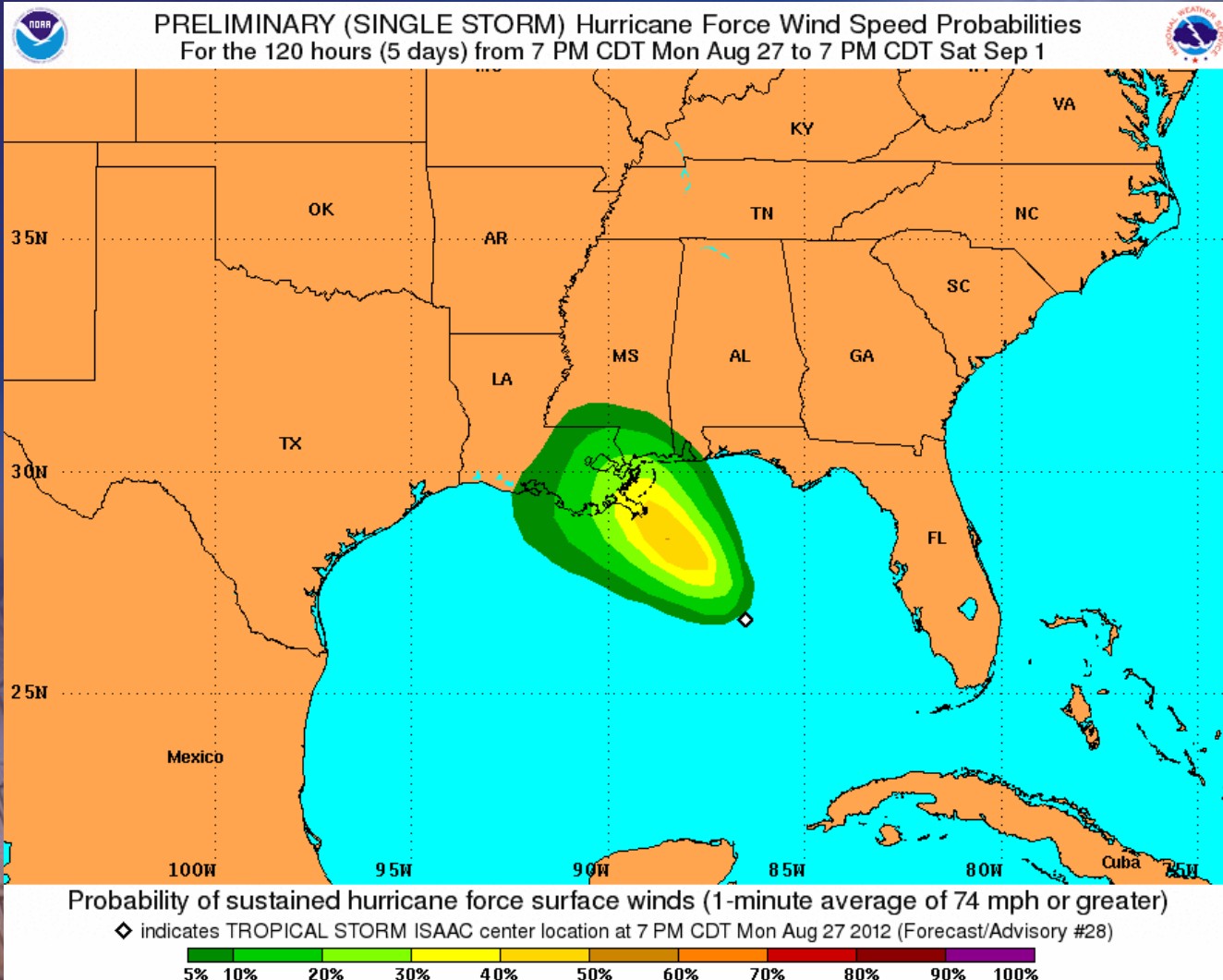
TS Wind Probability Forecast

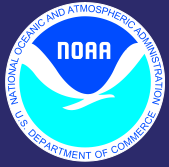




Tropical Storm Isaac

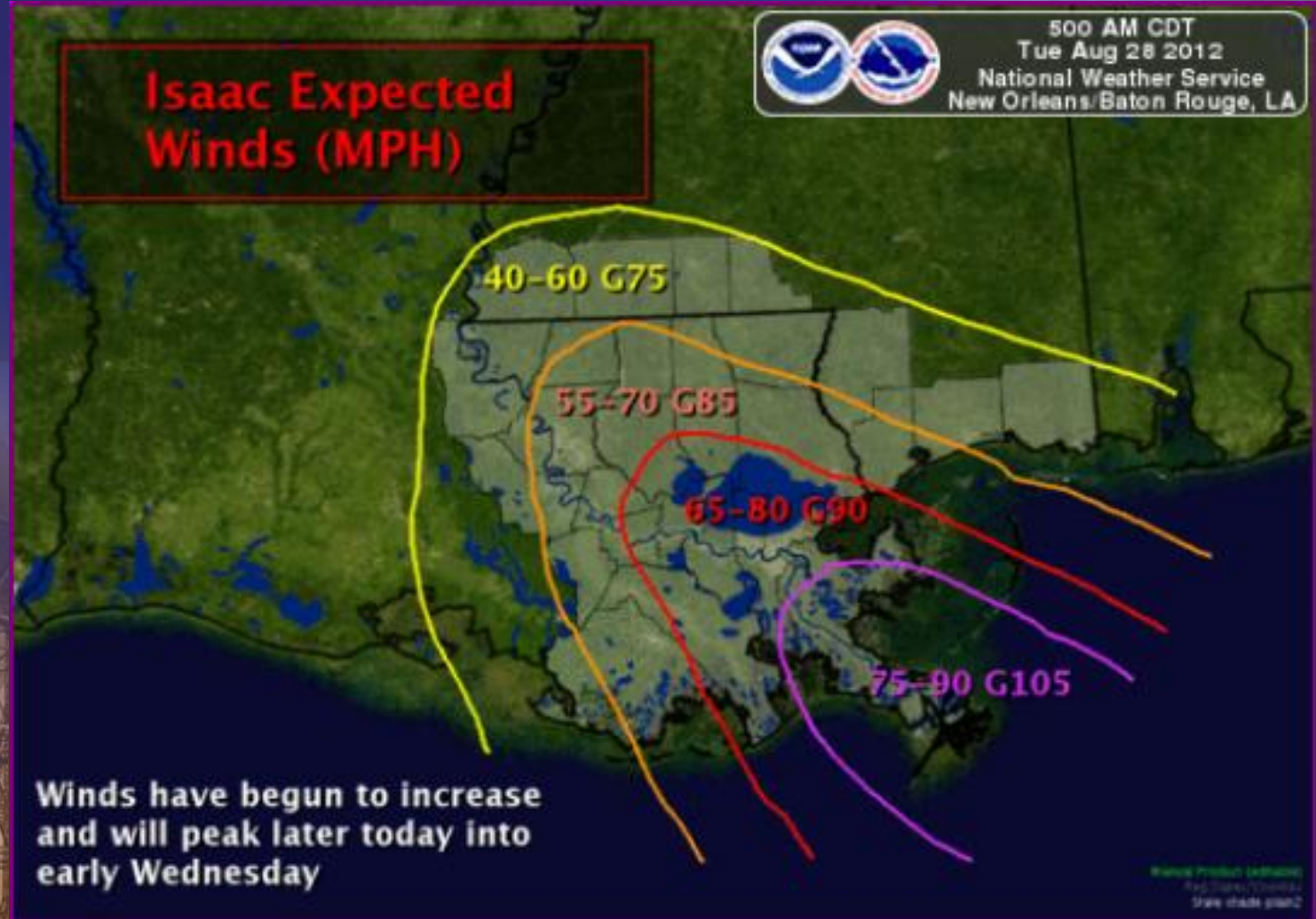
Hurricane Wind Probability Forecast

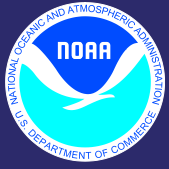




Tropical Storm Isaac

Wind Forecast

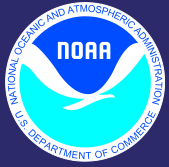




Wind Speed Durations (maximum durations)



Location	Tropical Storm Force Duration (Sustained)	Hurricane Force Duration (Along track and in squalls)
Lower Plaquemines Lower St. Bernard	24-36 hrs	6-10 hrs
South Shore North Shore Hancock County	24-36 hrs	4-8 hrs
LA Florida Parishes LA River Parishes	24-36 hrs	1-3 hrs
Harrison County Jackson County	18-24 hrs	1-3 hrs
SW MS E Central LA	18-30 hrs	0 hrs (a few gusts possible)



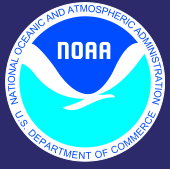
Tide Levels



Currently in Spring Tide

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

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

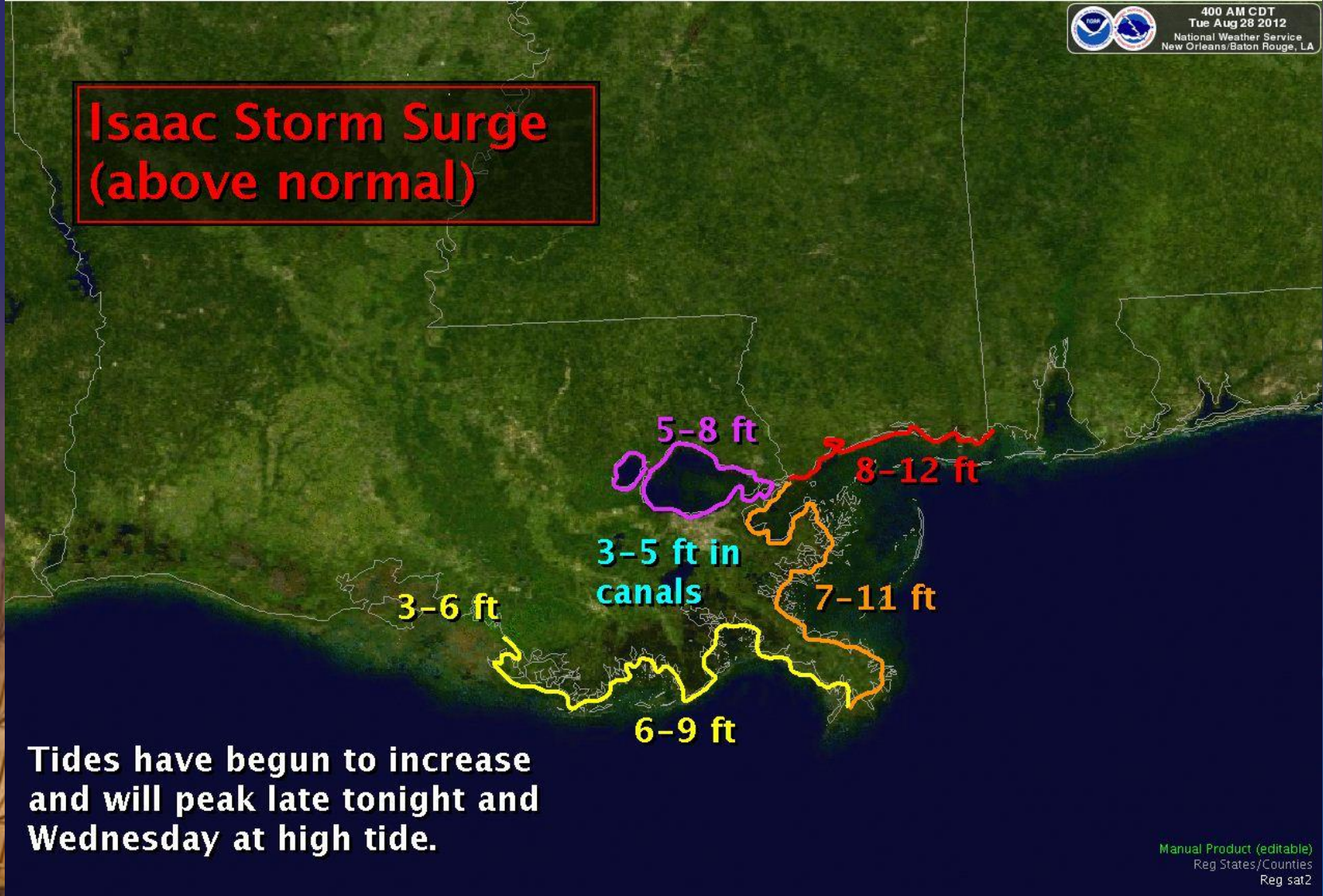


Tide Levels

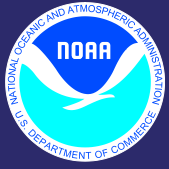


400 AM CDT
Tue Aug 28 2012
National Weather Service
New Orleans/Baton Rouge, LA

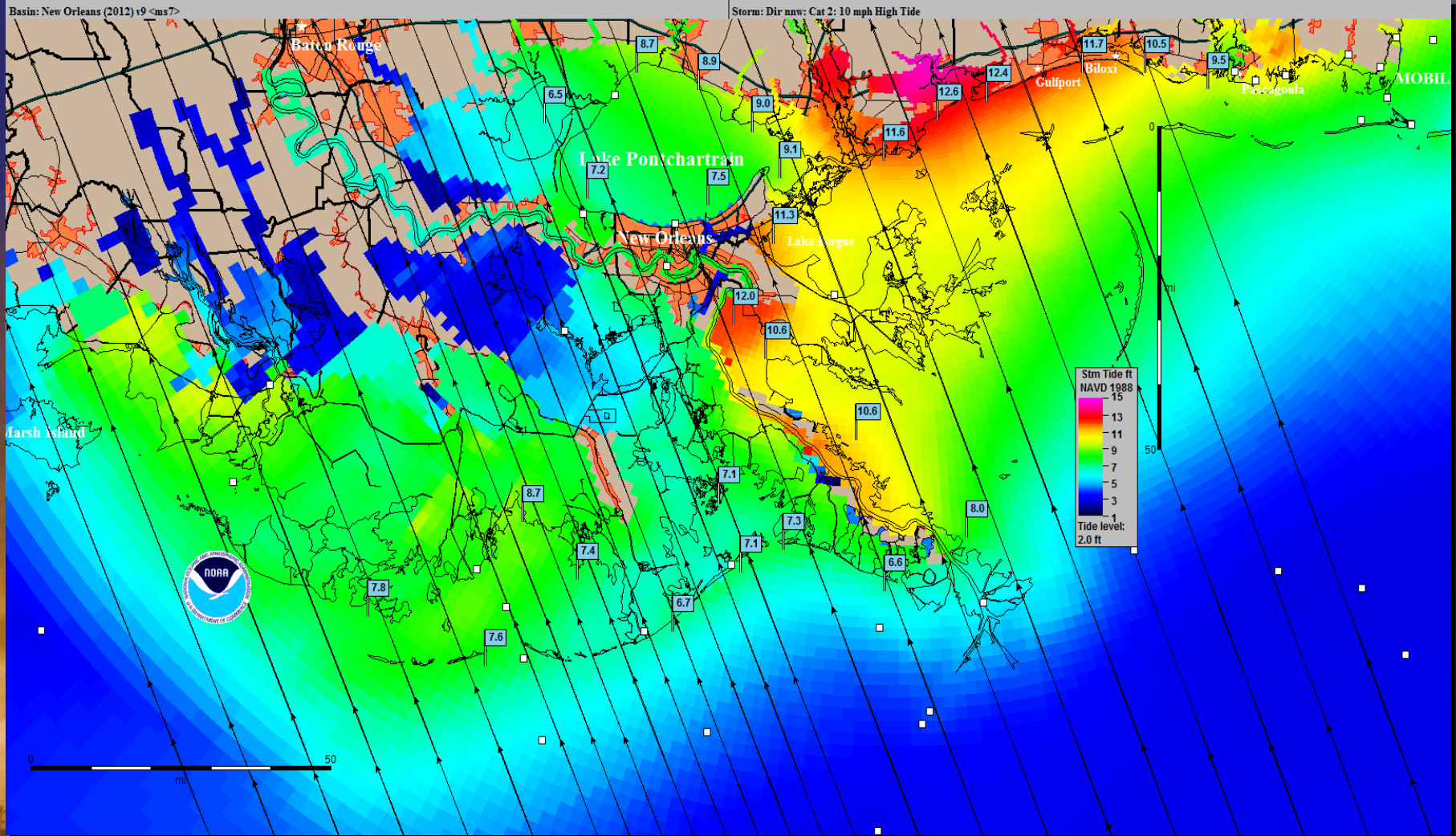
**Isaac Storm Surge
(above normal)**

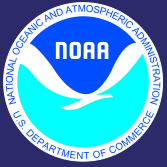


Tides have begun to increase and will peak late tonight and Wednesday at high tide.



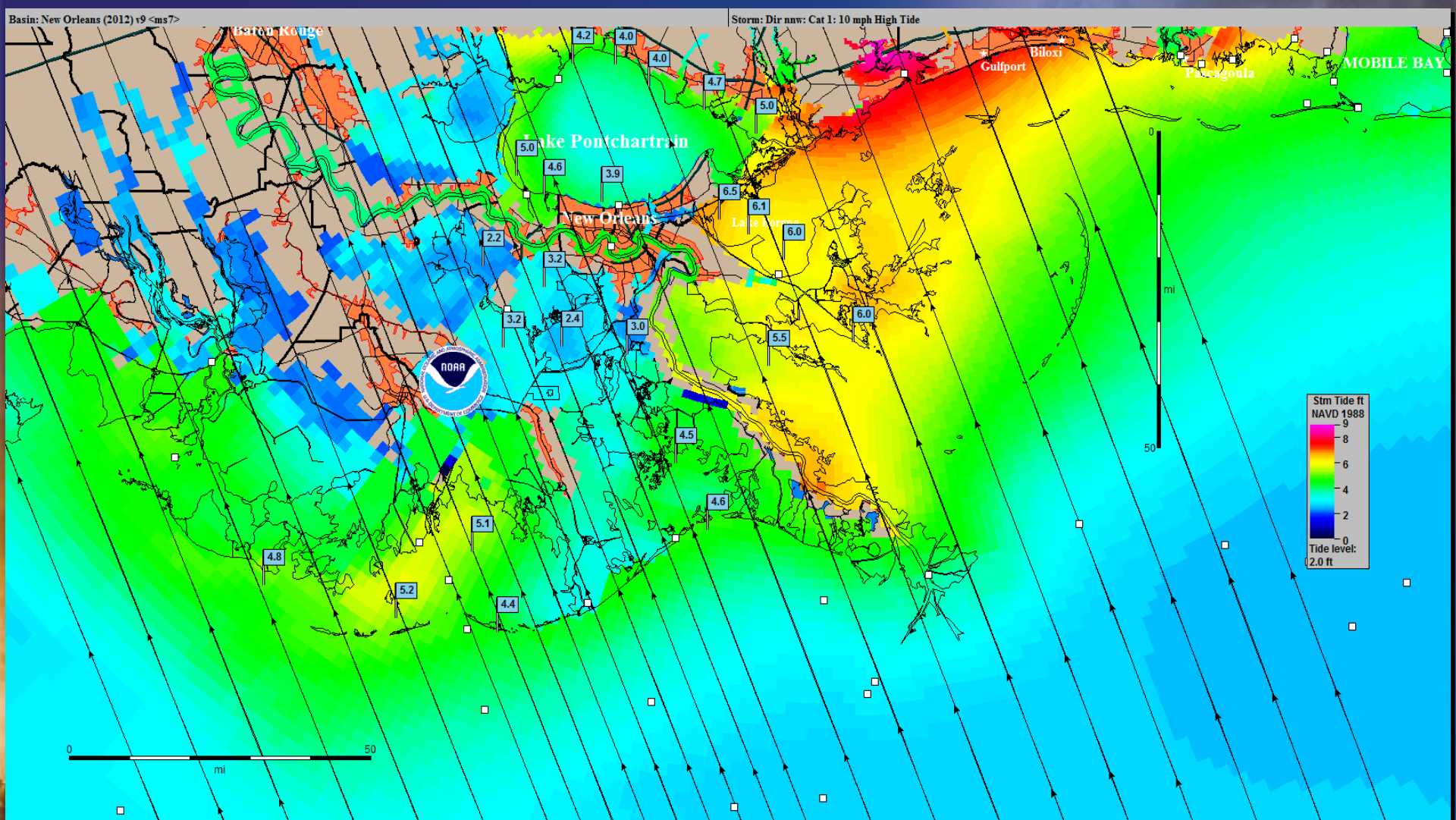
Worst case storm surge potential for all locations Cat 2 Hurricane moving NNW 10 MPH

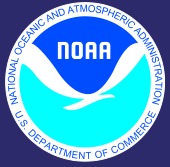




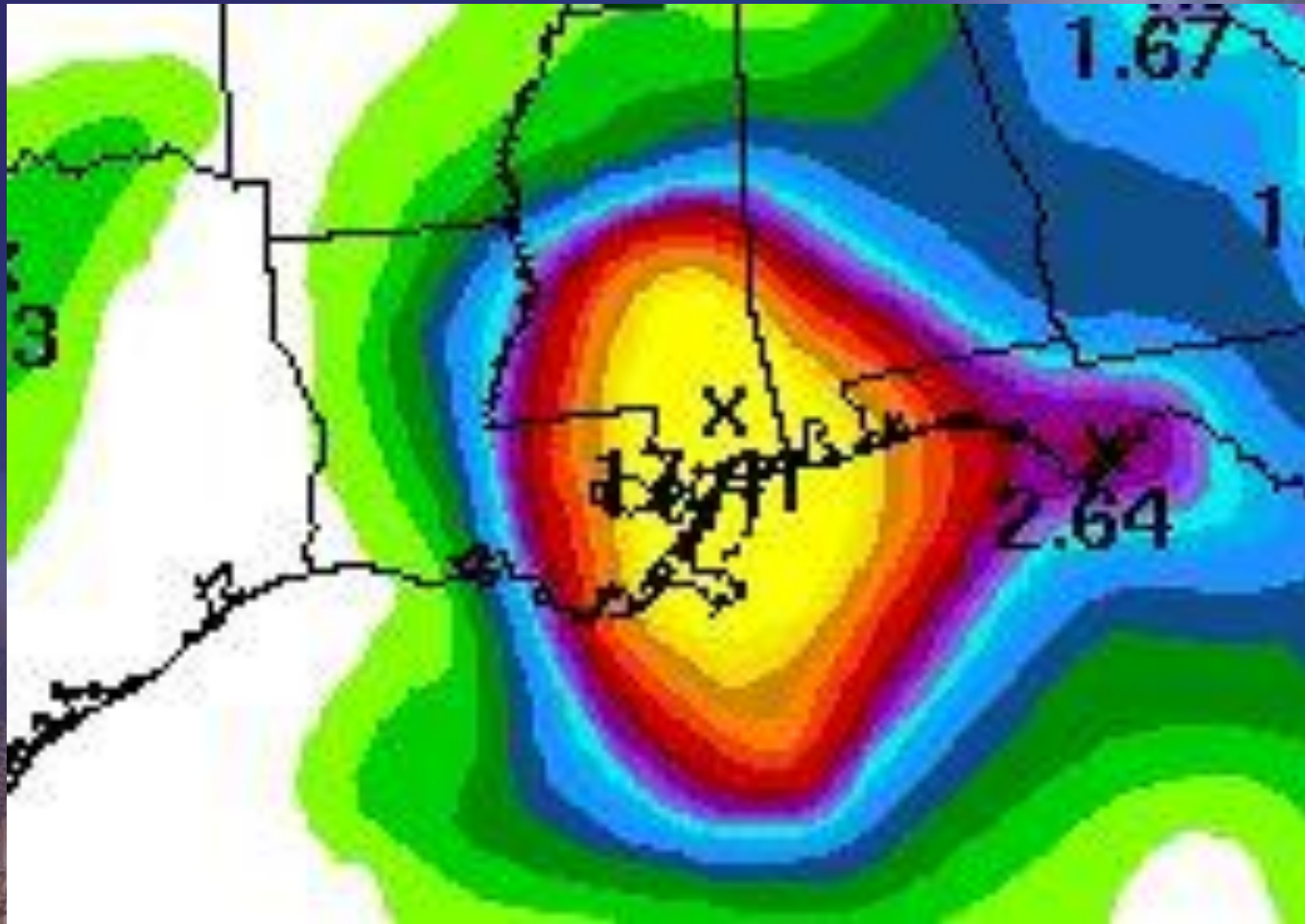
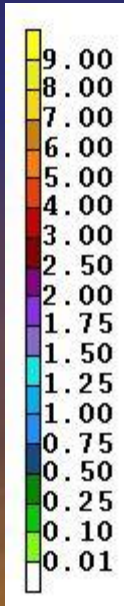
Worst case storm surge potential for all locations

Cat 1 Hurricane moving NNW 10 MPH

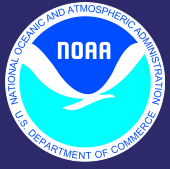




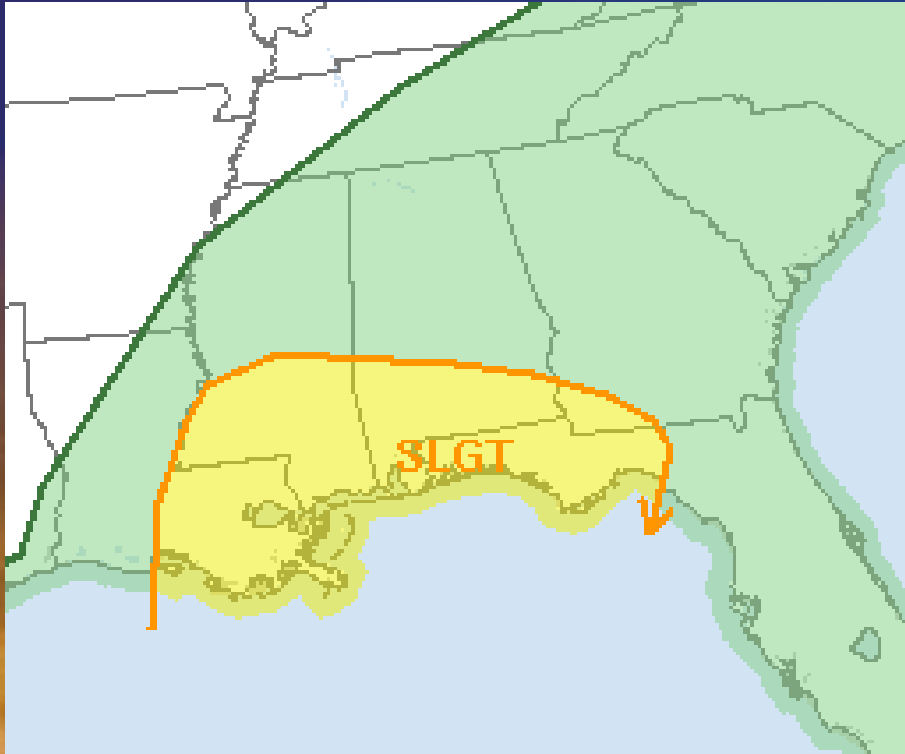
Rainfall through Wed.



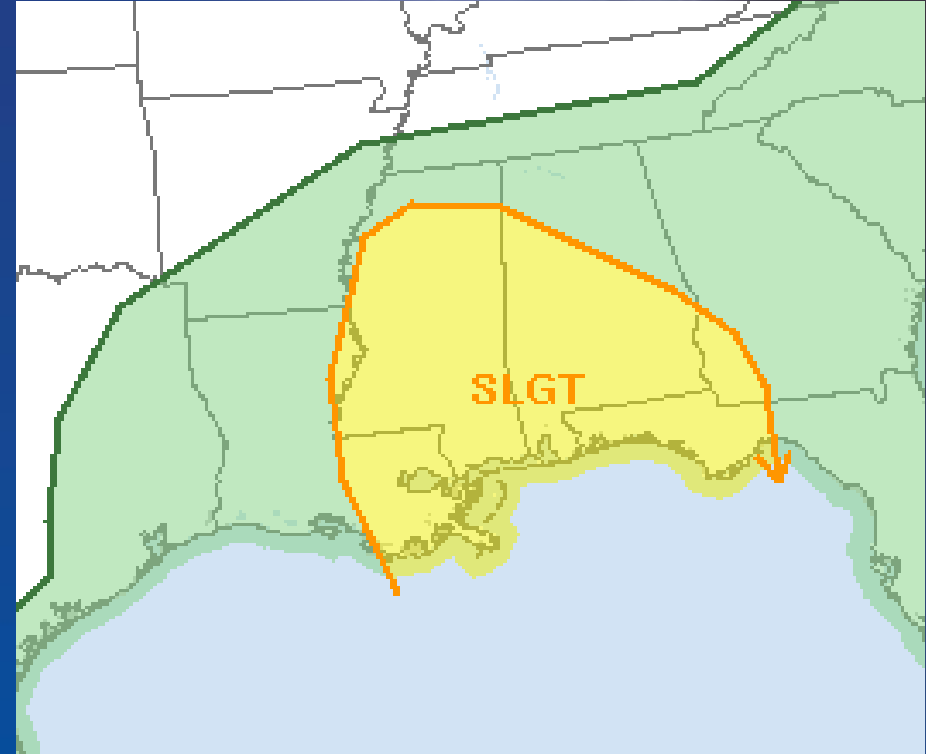
DAY 1-2 QPF
VALID 12Z TUE AUG 28 2012
THRU 12Z THU AUG 30 2012
ISSUED: 0724Z TUE AUG 28 2012
FORECASTER: HPC
NOAA/NWS/NCEP/HPC



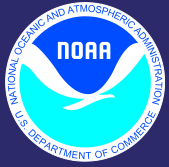
Tornado Threat



Today



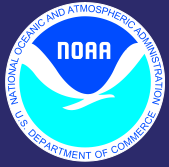
Wednesday



Summary



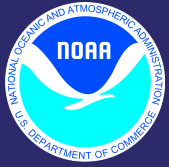
- **HURRICANE WARNING** is in effect from Tangipahoa Parish, southward to Morgan City, eastward through coastal MS. This includes the New Orleans metro area.
- **TROPICAL STORM WARNING** is in effect for SW MS and E-central LA including the Baton Rouge metro area.
- Tropical Storm Isaac appears to be getting better organized near the center as pressure continues to fall and measured winds and gusts have increased slightly.
- Offshore rigs and buoys are now reporting tropical storm force wind and gusts (rigs at elevation 300-400 feet above water surface).
- Almost all of southeast LA and southern/coastal MS will be affected by this storm.



Summary



- **Onset of TS winds: ongoing at the mouth of the river, and spreading northward steadily through the morning.**
- **Tropical Storm wind duration: 20 to 24 hours for most locations with a few locations up to 36 hours**
- **Hurricane force wind duration: 6 to 10 hours in areas within direct path. Hurricane force winds will mainly be experienced in squalls**
- **Rainfall: Storm total of 10 to 16 inches expected, some higher amounts possible. Heaviest rainfall has been occurring on north and west sides with this system so far, but this should wrap around with time.**
- **Slow movement means a greater threat of heavy rain**
- **Flash Flood Watch now in effect for entire area.**
- **Tornadoes: SPC Slight Risk today and Wednesday.**

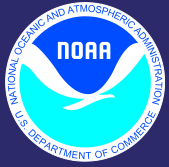


Next Update



- **Emails with updated slides will be sent.**
- **Next webinar will be Tuesday 2 PM CDT.**





Contact Information

- Don't hesitate to call or email us with any questions
- (985) 649-0429, (985) 645-0357
 - *Extension 4 to speak to a forecaster*
- NWS Chat
 - *If you don't use software(i.e. pidgin) please log into NWSCHAT live*
 - <https://nwschat.weather.gov/live/>
 - This helps bypass the third party security issues and runs in your web browser
- E-mail: SR-LIX.Forecasters@noaa.gov
- <http://www.srh.noaa.gov/lix/?n=embrief2>
- <http://www.facebook.com/US.NationalWeatherService.NewOrleans.gov#!/US.NationalWeatherService.NewOrleans.gov>
- Follow us on Twitter: [@NWSNewOrleans](https://twitter.com/NWSNewOrleans)