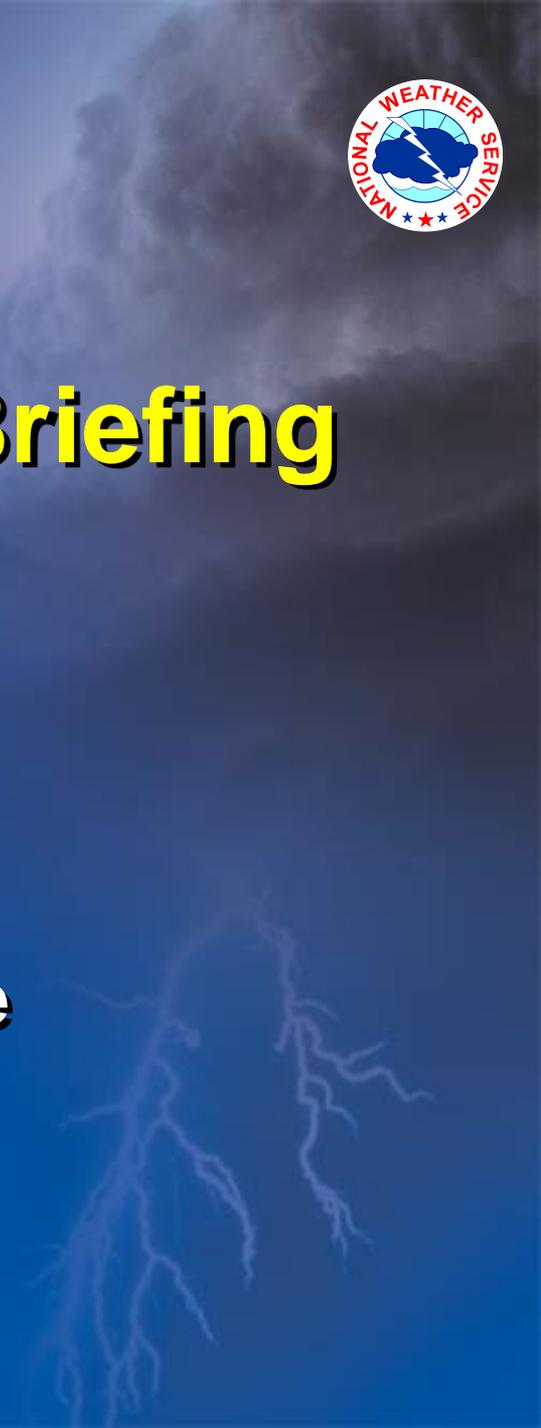




Tropical Storm Karen Briefing

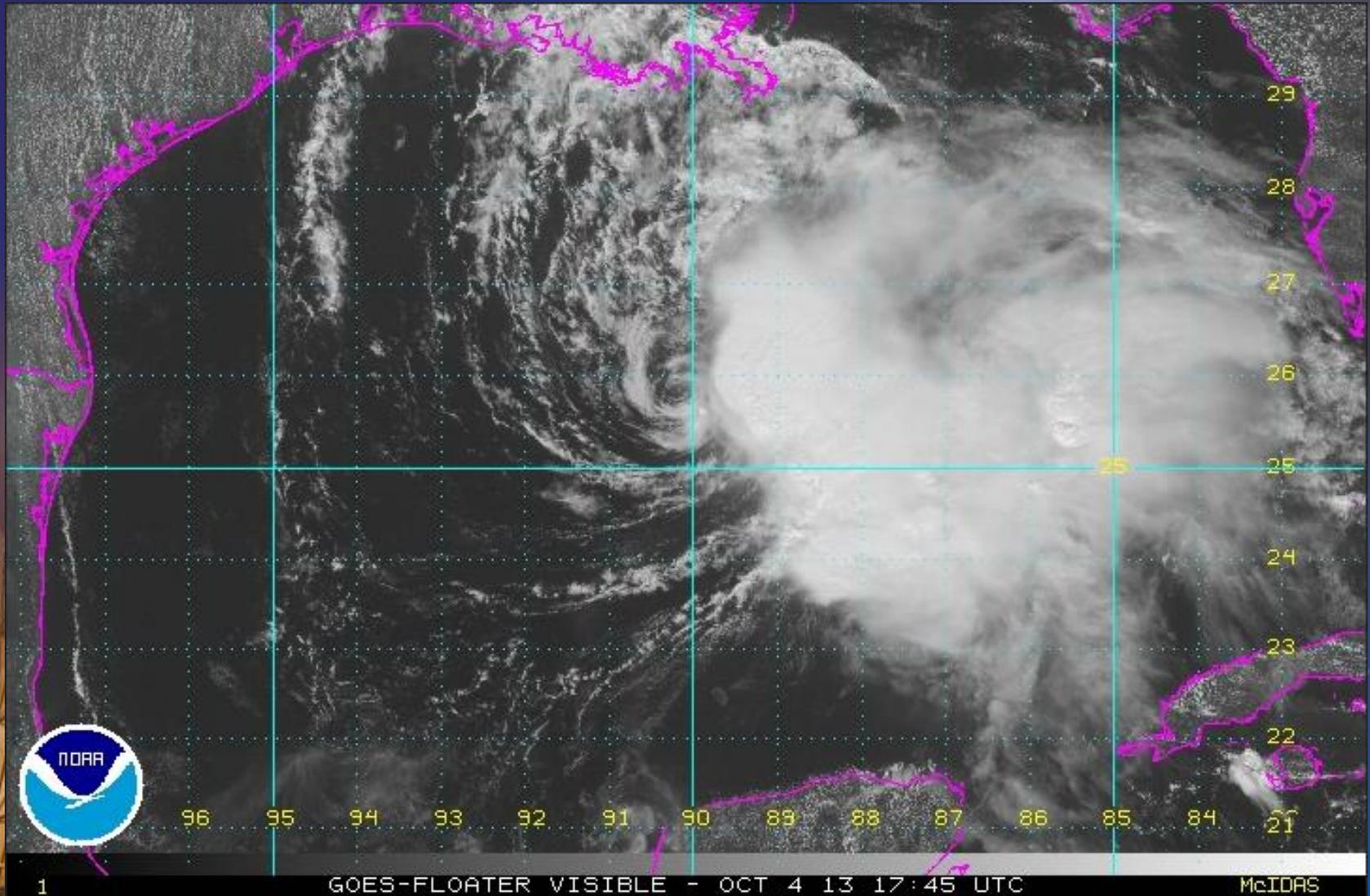
**October 4, 2013
200 PM CDT**

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





Current Satellite



1

GOES-FLOATER VISIBLE - OCT 4 13 17:45 UTC

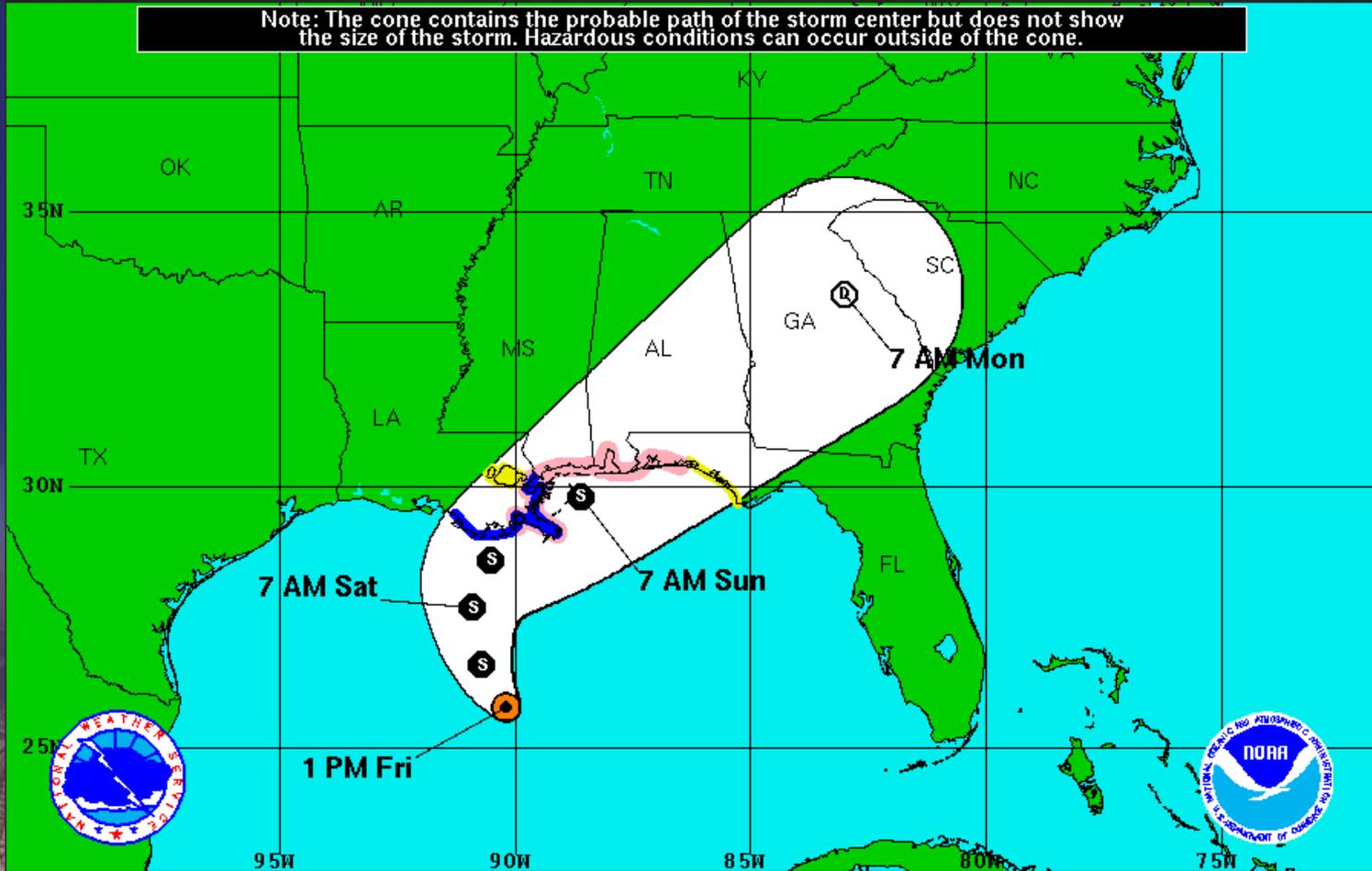
McIDAS



Official Forecast



Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



Tropical Storm Karen
 Friday October 4, 2013
 1 PM CDT Intermediate Advisory 6A
 NWS National Hurricane Center

Current Information: ●
 Center Location 25.8 N 90.2 W
 Max Sustained Wind 50 mph
 Movement NNW at 9 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:
 [White Cone] Day 1-3 [Pink Area] Day 4-5

Watches:
 [Pink Area] Hurricane [Yellow Area] Trop.Storm

Warnings:
 [Red Area] Hurricane [Blue Area] Trop.Storm



Watches/Warnings



Tropical Storm Warning:

Morgan City to Mouth of the Pearl River

Hurricane Watch:

Grand Isle eastward through Mississippi Coast

Tropical Storm Watch:

Metro New Orleans

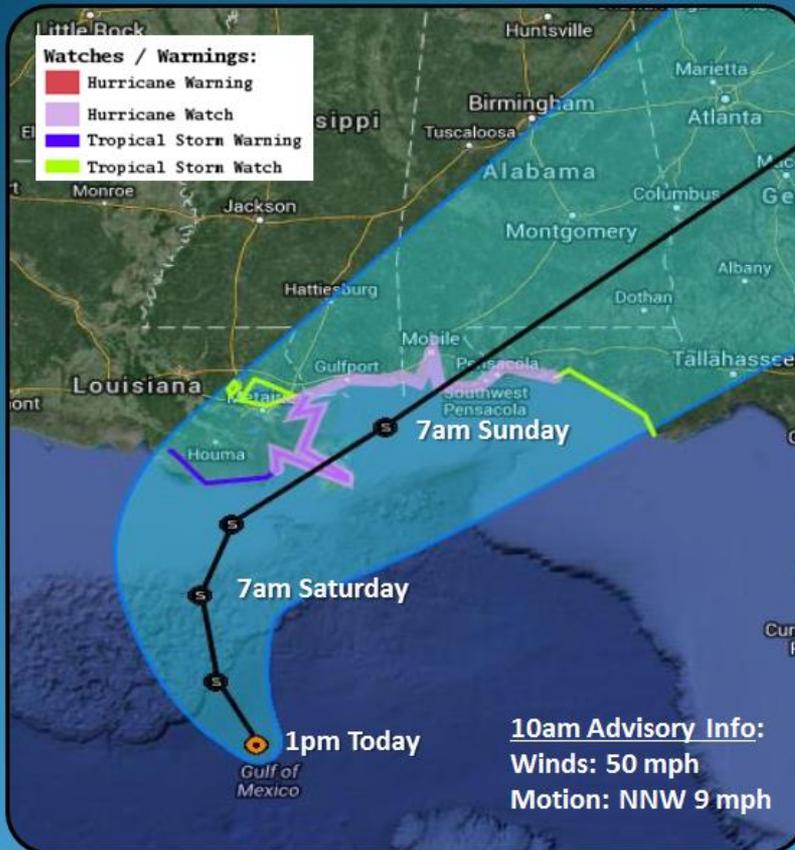
Lake Pontchartrain/Lake Maurepas



Current Outlook



Tropical Storm Karen



Expected impacts to SE LA/ S MS:

- **Winds:**
25-35 mph over land and Lake Pontchartrain...40-60 mph near immediate coast and offshore. Hurricane force gusts possible in hurricane watch area.
- **Seas:**
Could rise to 15-20 ft – mainly east of MS River
- **Rain:**
2-4" with locally higher (mainly across extreme SE LA and coastal MS)
- **Storm Surge:**
1-3 ft West of MS River and Lake
3-5 ft East of River and MS coast
Highest on East and Southeast facing shores



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Wind Impact



TS Karen Wind Impact



- Maximum forecast winds are displayed in MPH
- Highest gusts are expected over marsh and marine areas
- Values are **HIGHLY** dependent on eventual track and intensity and could change with future forecasts.



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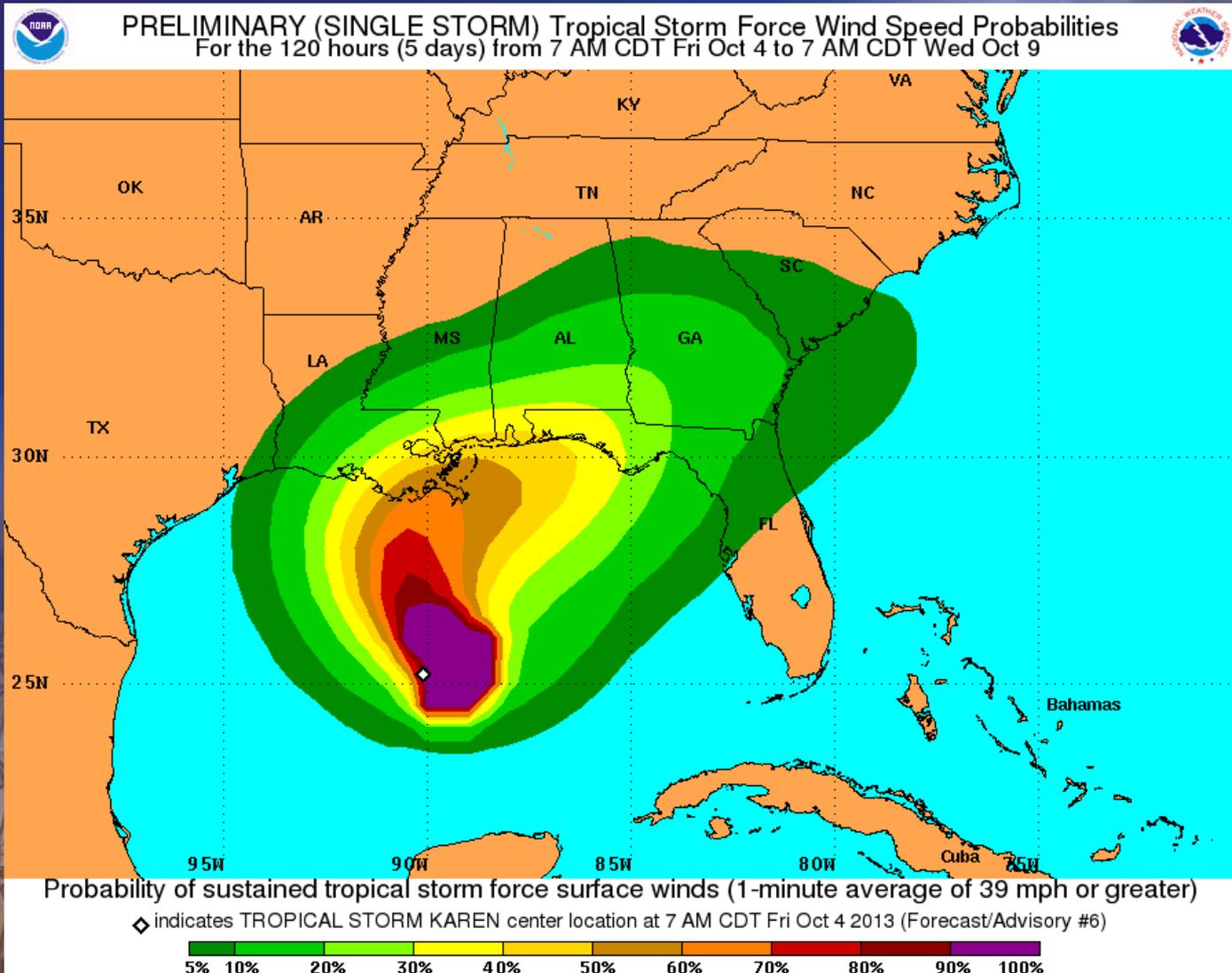
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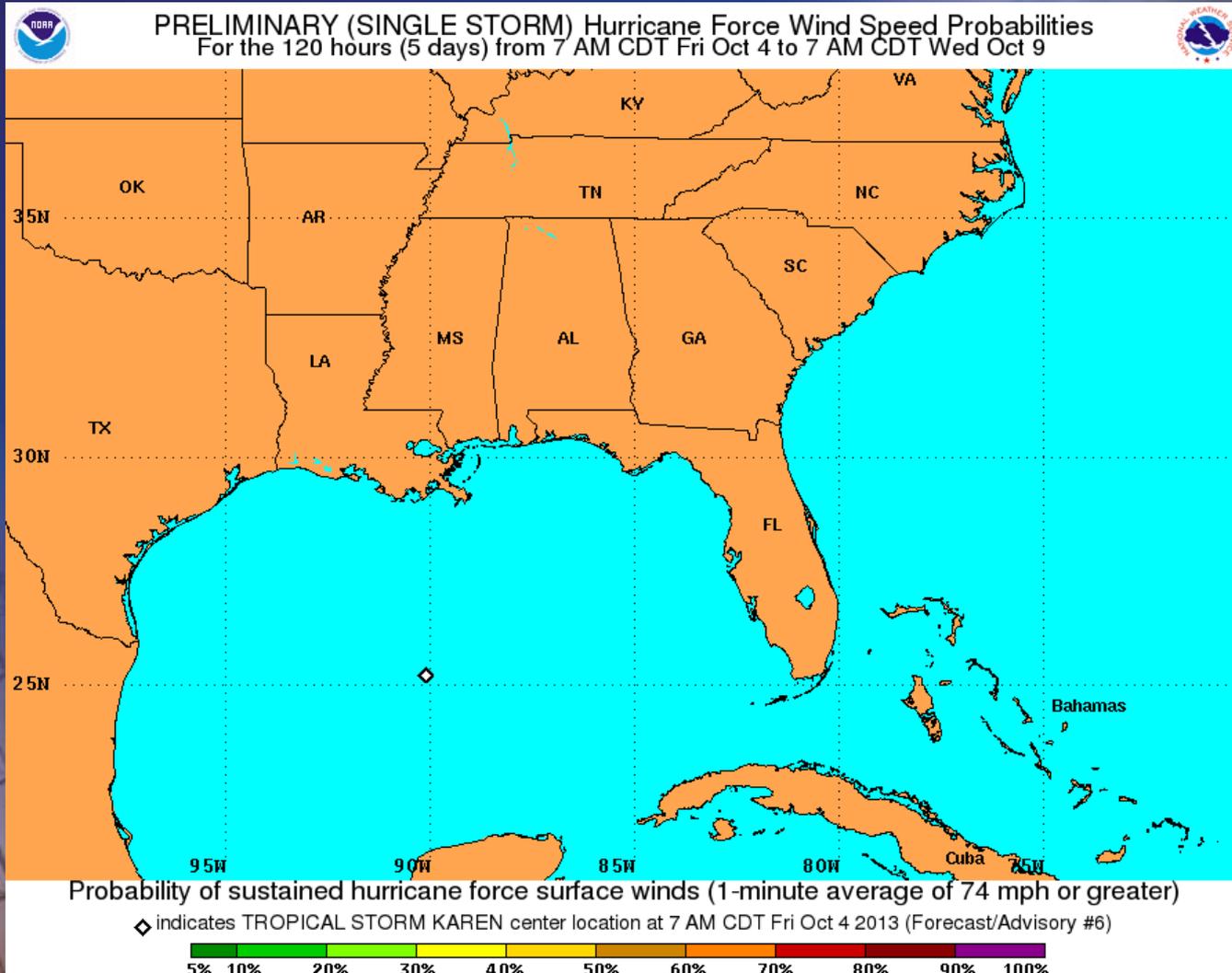


Tropical Storm Wind Probabilities



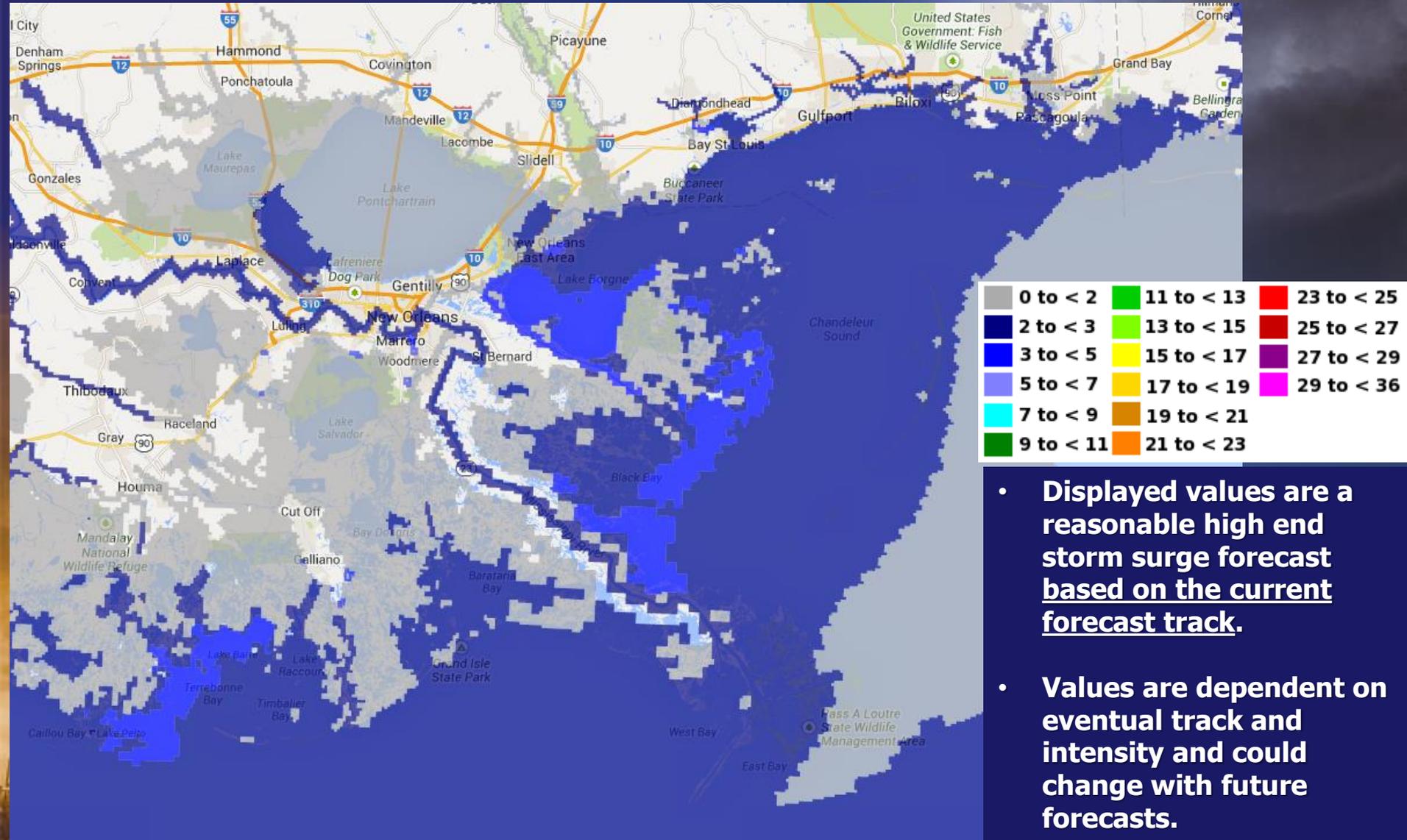


Hurricane Wind Speed Probabilities





Storm Surge Impact



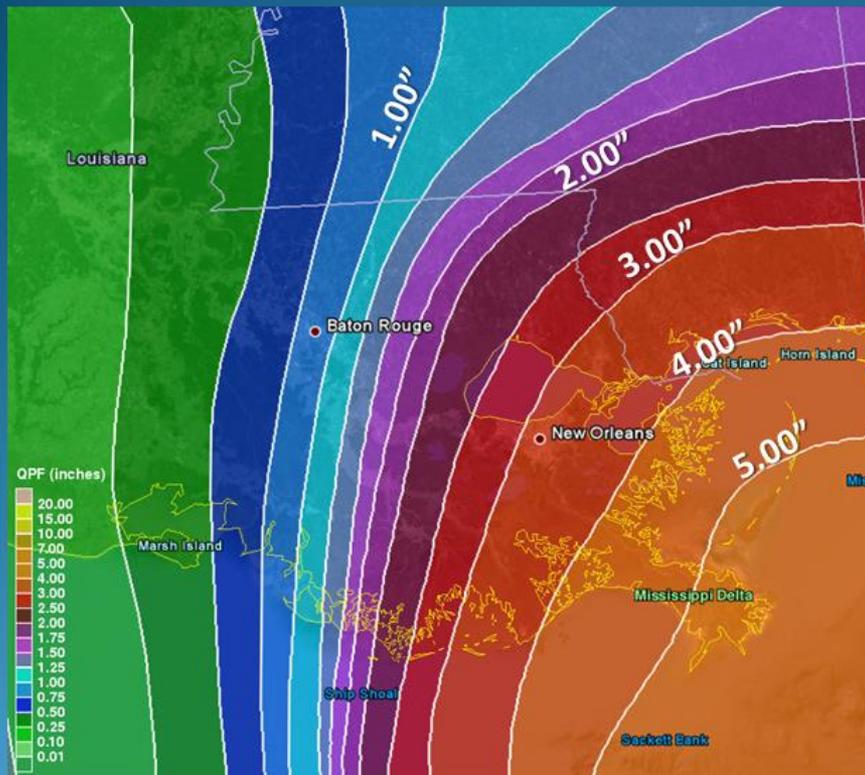
- **Displayed values are a reasonable high end storm surge forecast based on the current forecast track.**
- **Values are dependent on eventual track and intensity and could change with future forecasts.**



Rainfall Impact



TS Karen Rain Impact



- Heaviest rain will be across extreme SE LA and coastal MS. Rainfall is generally forecast in the 2 to 4 inch range with higher amounts possible.
- Most rain will fall tonight and Saturday
- Values are dependent on eventual track and could change with future forecasts.



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Onset of Tropical Storm Winds



- **SE Louisiana coast (lower Terrebonne/lower Lafourche): late Tonight**
- **Plaquemines Parish: early Saturday morning**
- **Orleans Parish and inland portions of Coastal Parishes: midday Saturday**
- **Mississippi Coast: Saturday afternoon**





Duration of Tropical Storm Winds



- **SE Louisiana coast: 18-24 hours**
- **New Orleans + inland areas of coastal parishes: 18-24 hours**
- **Mississippi Coast: 18-24 hours**



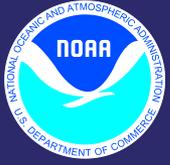


Outlook for TS Karen



- **Important not to focus on exact forecast track of center as this is a large, disorganized system with a diffuse center. Strongest impacts will be east of the center.**
- **Track forecast: The forecast has trended slower. Tropical Storm Karen is expected to cross southeast Louisiana Saturday night.**
- **Intensity forecast: The potential exists for Karen to become a hurricane before landfall**

Expected Marine Impacts



- **Winds**: 25 to 40 knots with higher gusts over Lake Pontchartrain and Lake Borgne. 40 to 60 knots over the coastal waters. Gusts to hurricane force possible over the Hurricane Watch area.
- **Seas**: Seas building to 8 to 12 feet by late today. Seas peaking at 15 to 20 feet on Saturday.
- Improving conditions on Sunday.



Tropical Cyclone County/Parish Impacts Table



<http://www.srh.noaa.gov/lix/?n=embrief#>





Emergency Response Mobile Tool



Decision Support Servi x

www.srh.noaa.gov/media/lix/ertool/

Emergency Response Tool:

- First Responders
- EMA
- Weather
- Radars
- Rivers/Tides

National Weather Service - New Orleans/Baton Rouge
www.srh.noaa.gov/lix

NWS Mobile Weather x

mobile.weather.gov/index.php?lat=30.336881299

National Weather Service

Slidell Airport LA

Outlook/Statement In Effect
Updated 2:31 PM CST

Current Conditions

Slidell Airport
Lat: 30.35 N Lon: -89.82 W Elev: 26 ft
Last Updated: Dec 5 2012 13:53:00

Overcast
70°F

Wind Speed
SE 3 MPH

Quick Forecast
2:17 pm CST Dec 5
Periods 1-3 of 13

This Afternoon	Tonight	Thursday
40% Scattered Showers Hi 70°F	20% Slight Chc Showers Lo 57°F	20% Slight Chc Showers Hi 75°F

Full Forecast

- Radar
- Satellite
- Forecast Discussion
- Forecast Graphics
- Rivers/Lakes

<http://innovation.srh.noaa.gov/ertool/>



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>
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