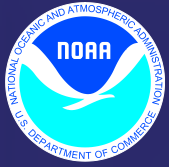


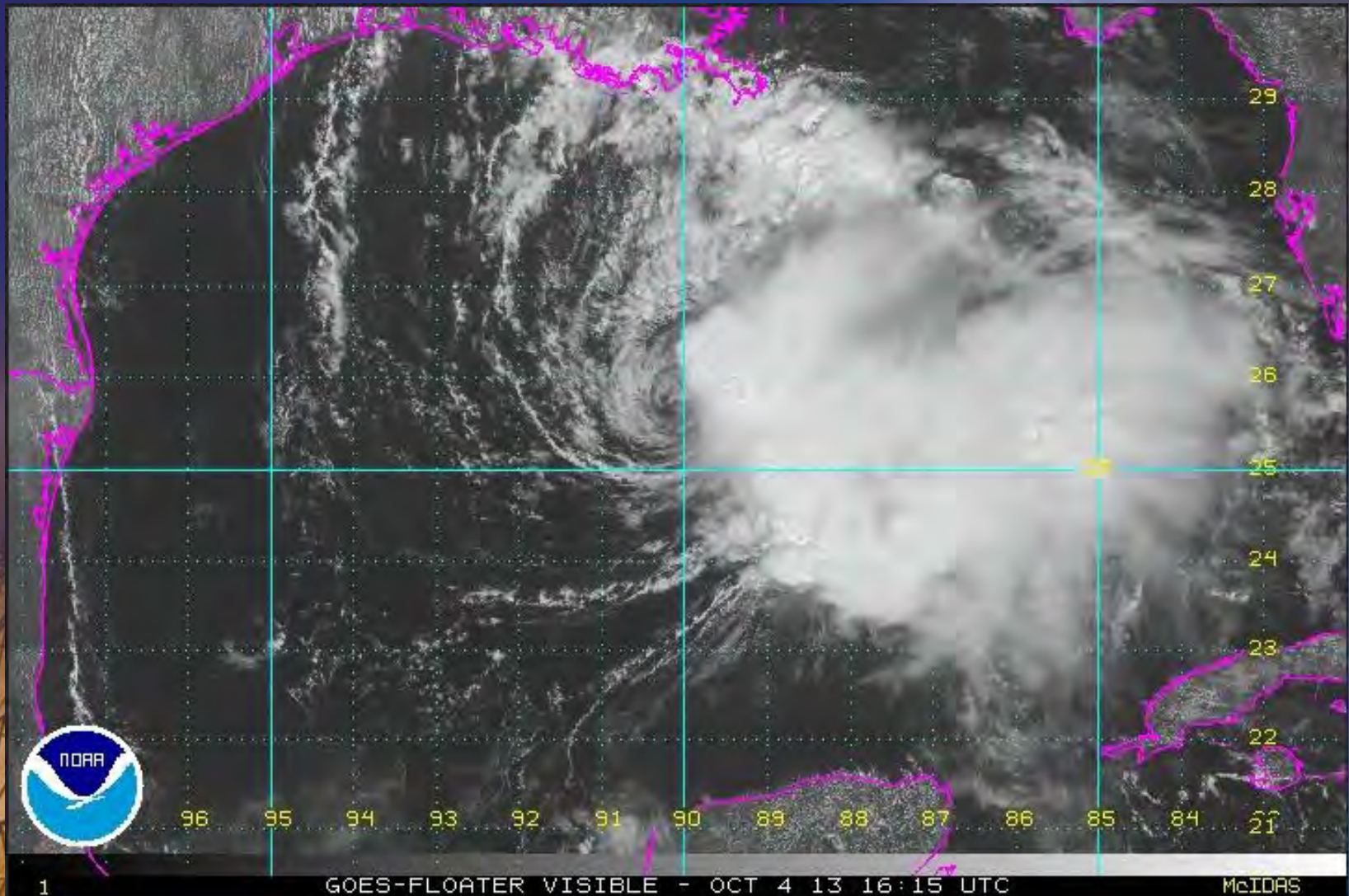
# **Tropical Storm Karen Briefing**

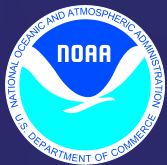
**October 4, 2013  
1200 PM CDT**

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

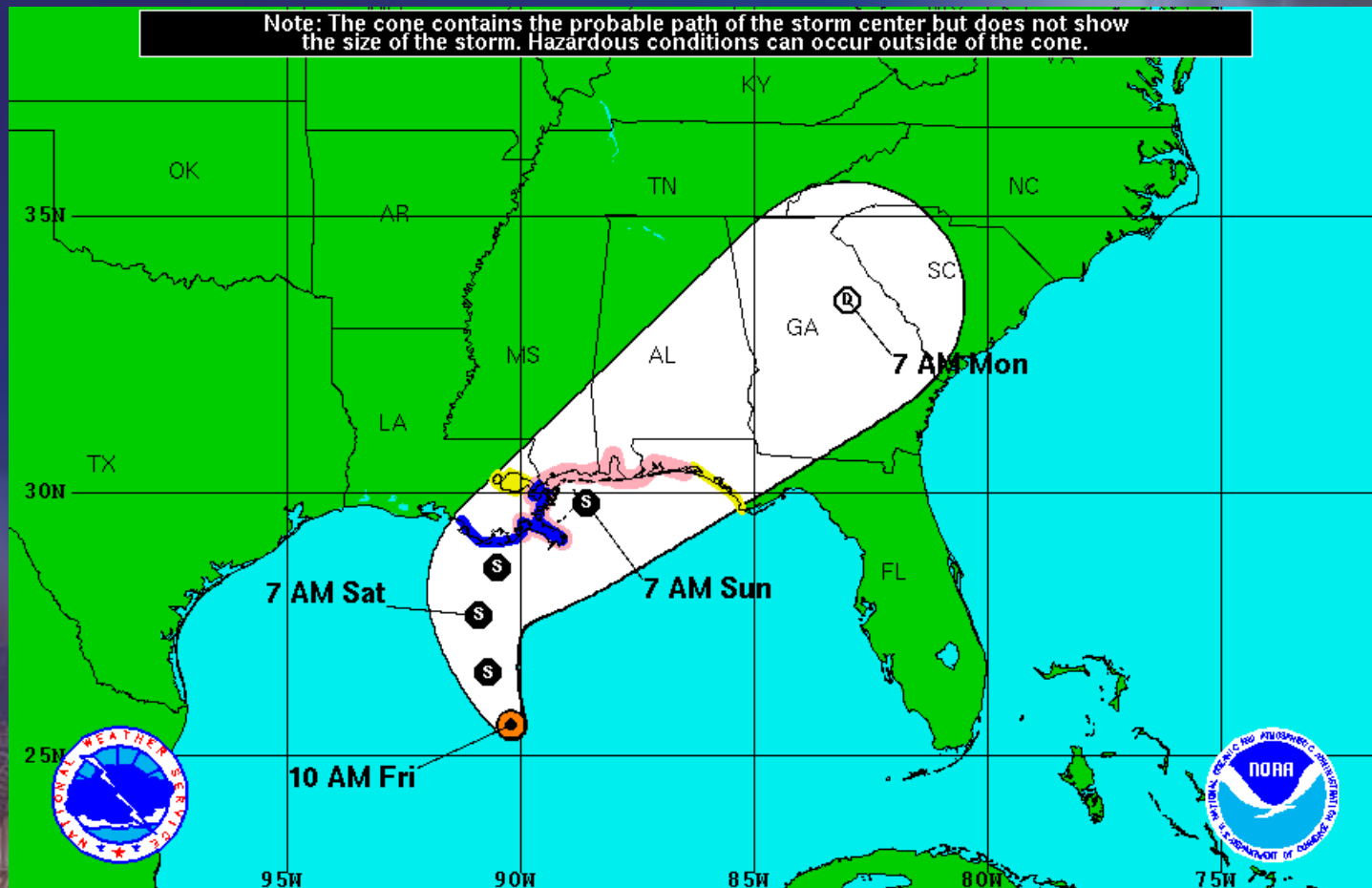


# Current Satellite





# Official Forecast



## Tropical Storm Karen

Friday October 4, 2013

10 AM CDT Advisory 6

NWS National Hurricane Center

**Current Information:**  
Center Location 25.6 N 90.2 W  
Max Sustained Wind 50 mph  
Movement NNW at 10 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

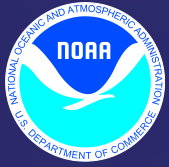
## Watches:

Hurricane Trop.Storm

## Warnings:

Hurricane Trop.Storm





# Watches/Warnings



## Tropical Storm Warning:

East of Morgan City to Mouth of the Pearl River

## Hurricane Watch:

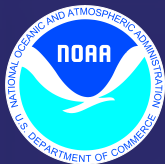
Mississippi Coast

Grand Isle to Mouth of the Pearl River

## Tropical Storm Watch:

Metro New Orleans

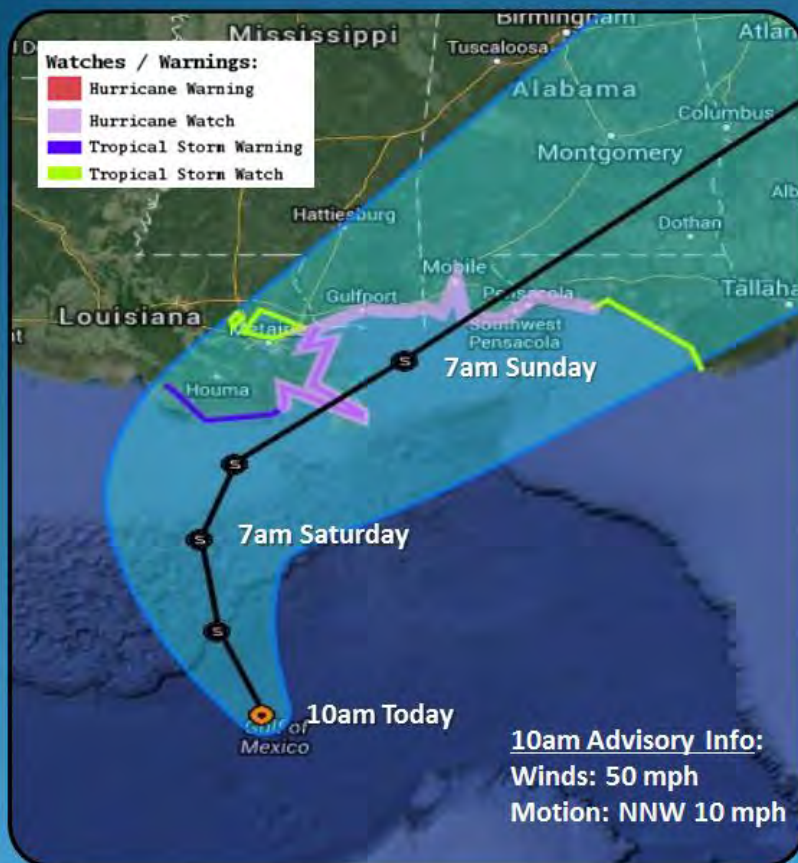
Lake Pontchartrain/Lake Maurepas



# 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



@NWSNewOrleans



US National Weather Service New Orleans

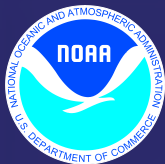


NWSNewOrleans

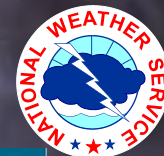


www.weather.gov/neworleans

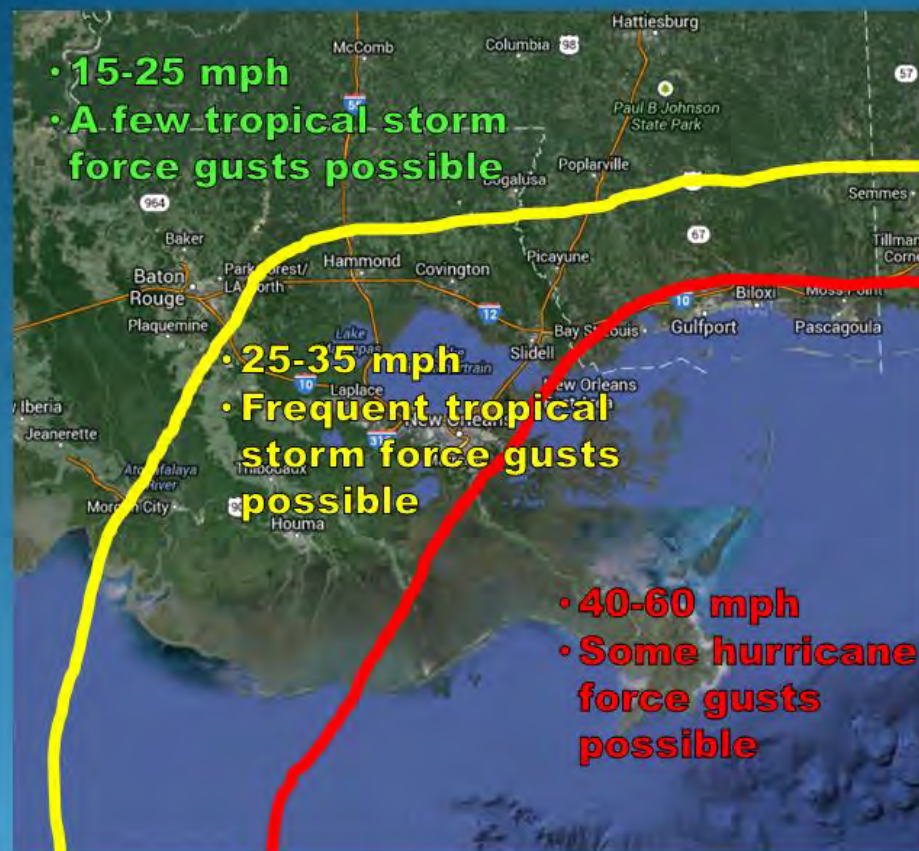




# Wind Impact



## 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.



@NWSNewOrleans



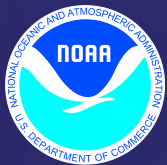
US National Weather Service New Orleans



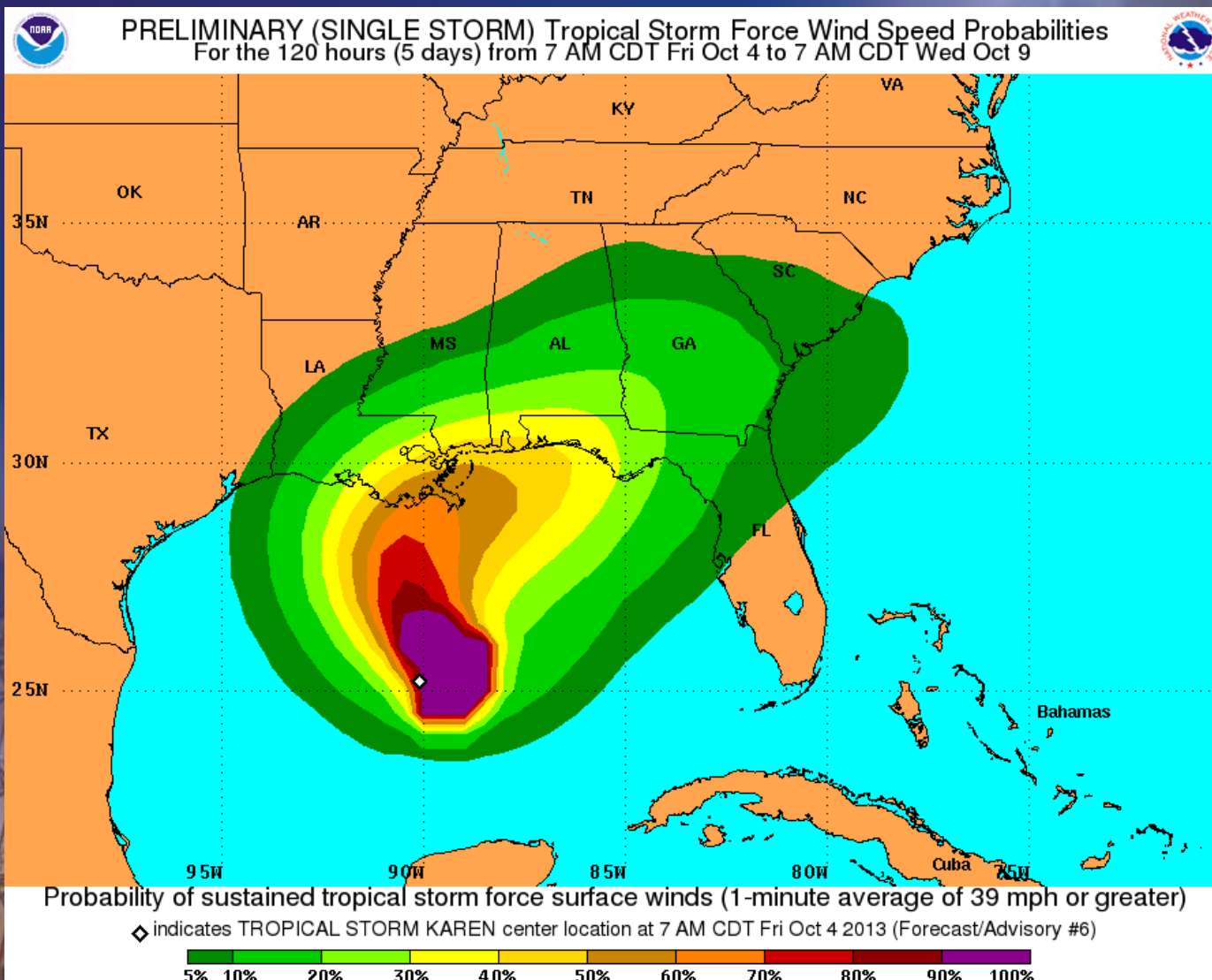
NWSNewOrleans

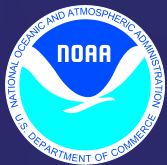


[www.weather.gov/neworleans](http://www.weather.gov/neworleans)

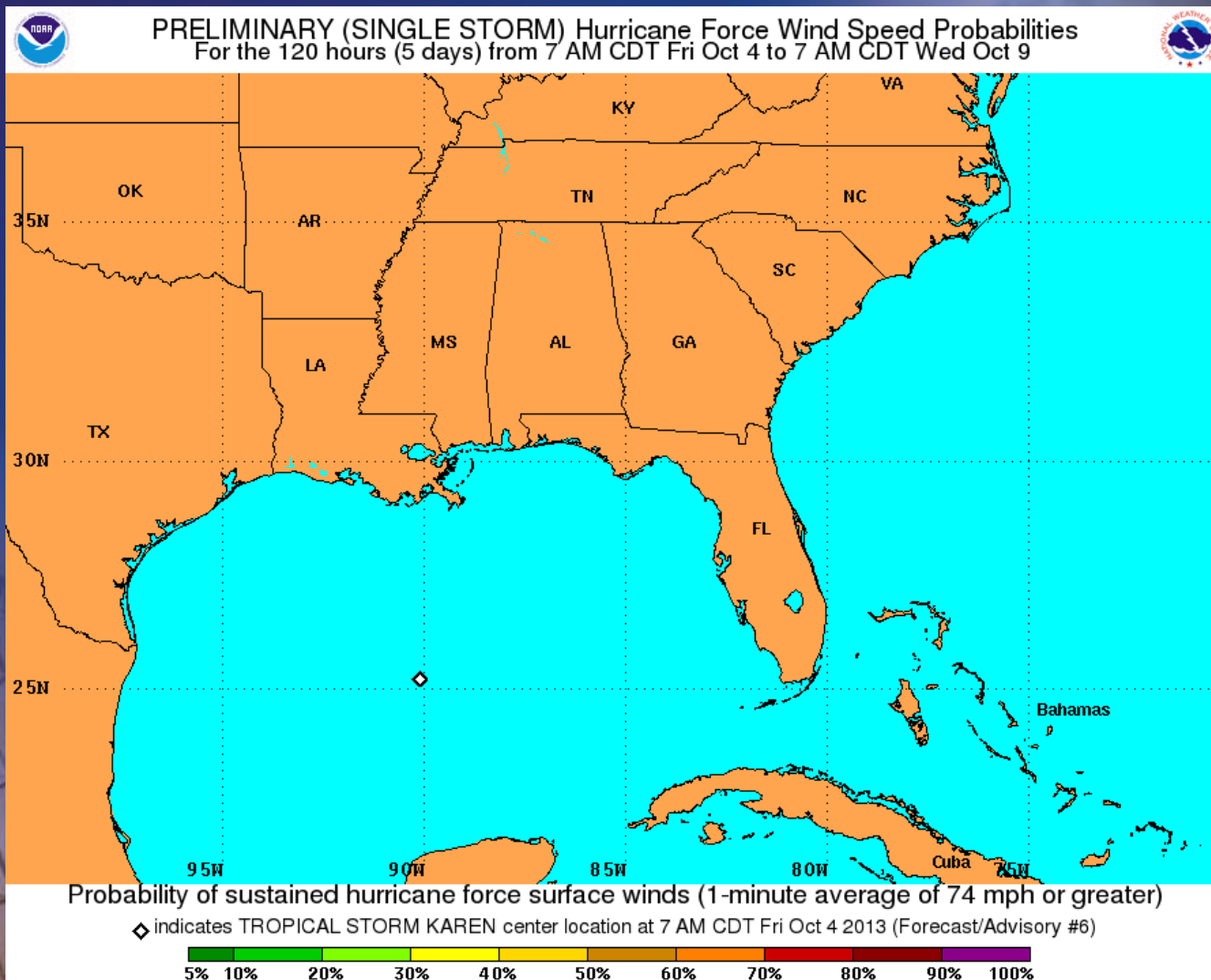


# Tropical Storm Wind Probabilities

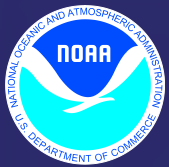




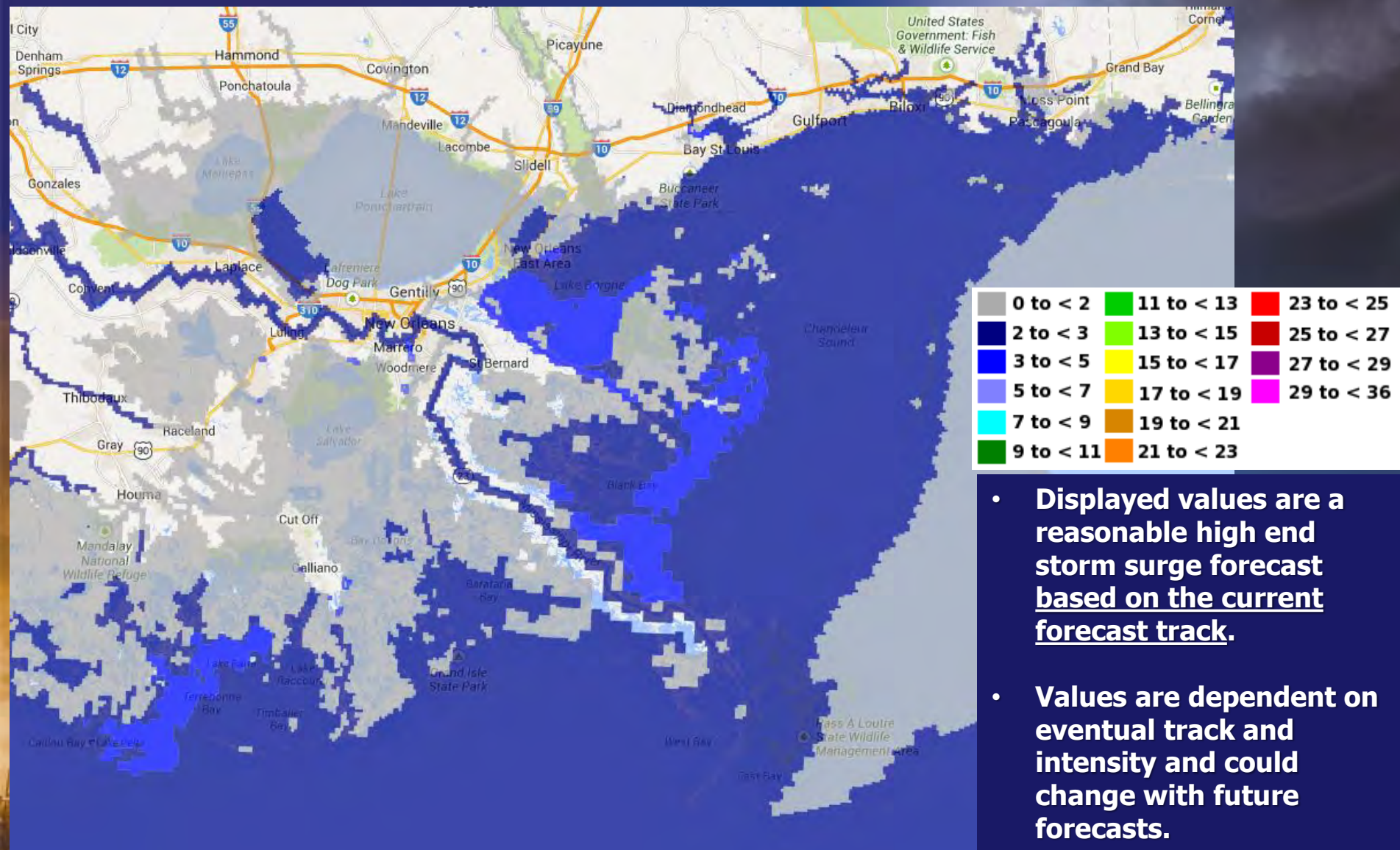
# Hurricane Wind Speed Probabilities



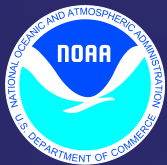




# Storm Surge Impact



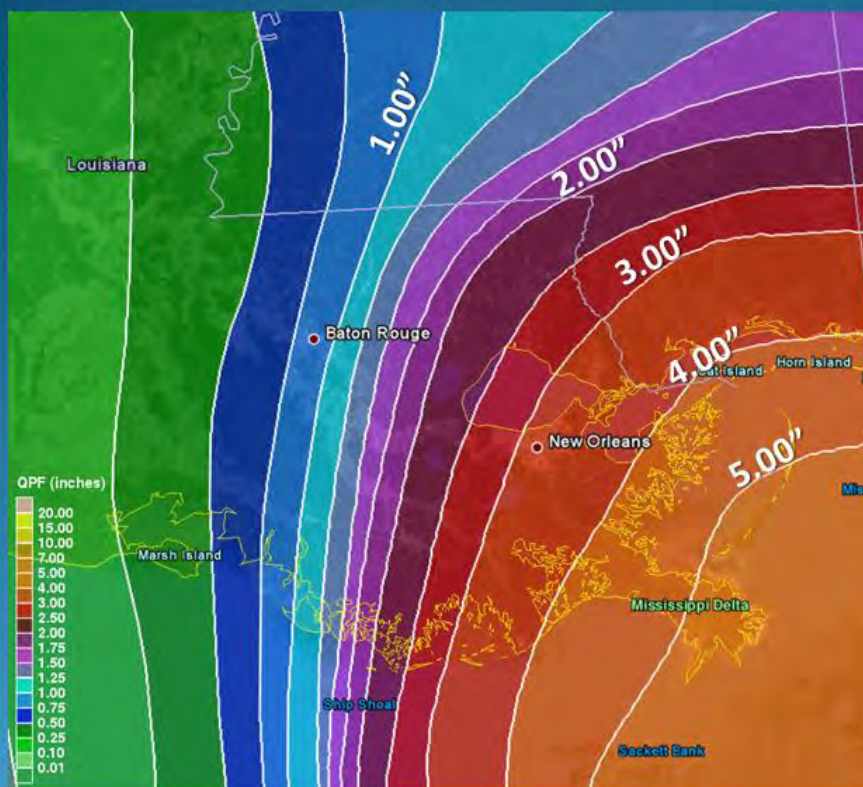




# Rainfall Impact



## 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.



@NWSNewOrleans



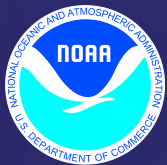
US National Weather  
Service New Orleans



NWSNewOrleans



[www.weather.gov/neworleans](http://www.weather.gov/neworleans)

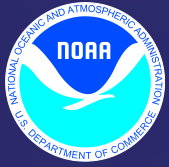


# Outlook for TS Karen



- **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**



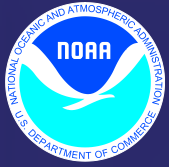


# Onset of Tropical Storm Winds



- **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**



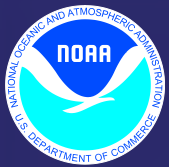


# **Duration of Tropical Storm Winds**



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



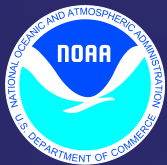


# Expected Marine Impacts



- **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 today. Seas peaking at 15 to 20 feet on Saturday.
- **Improving conditions on Sunday.**



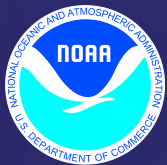


# **Tropical Cyclone County/Parish Impacts Table**

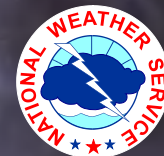


**<http://www.srh.noaa.gov/lix/?n=embrief#>**





# 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](http://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

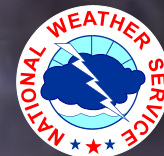
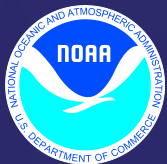
**Quick Forecast**  
2:17 pm CST Dec 5  
Periods 1-3 of 13

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](mailto: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