

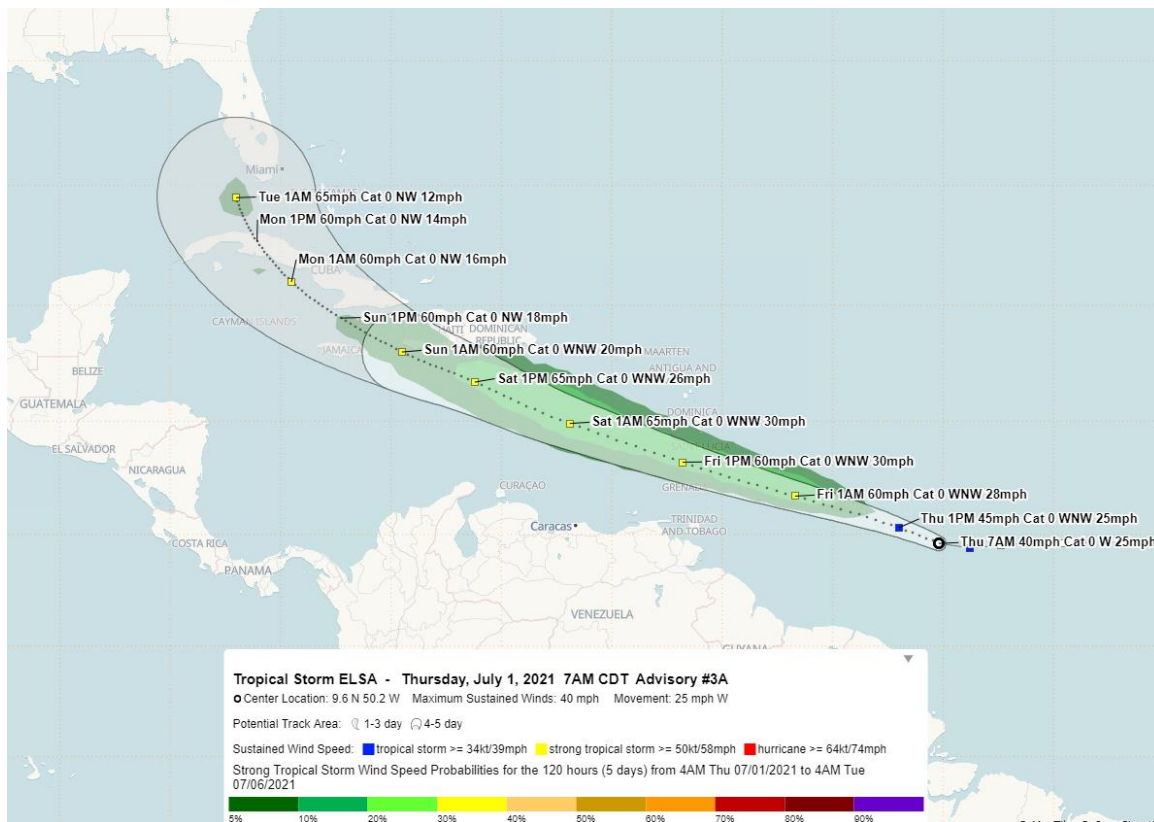


# City of Thibodaux Hurricane Preparation Worksheet



Name	Category- Winds	MB	Storm Surge	Damage Cost	Remarks- 30 Years of Major Storms in La.
<b>Katrina- 2005</b>	4-155 in La.	935	28'	<b>\$185B</b>	US 4 <sup>th</sup> most intense storm/massive Cat 4-150 miles/major search & rescue- 69k rescued
<b>Rita- 2005</b>	3-115 in La.	937	12'	<b>\$18.5B</b>	Landfall 3 weeks after Katrina in Cameron Parish /major wind event/600k without power
<b>Gustav- 2008</b>	2-110 in La.	985	14'	<b>\$8.3B</b>	Landfall in Cocodrie/diagonal path across La/Cat 2-160 miles/1.5M without power
<b>Ike- 2008</b>	2-110 La.	950	8'	<b>\$38.1B</b>	Landfall at the Tx-La line/Large Cat 2- 200 miles/storm surge event/back to back storms
<b>Laura- 2020</b>	4-150 mph in La.	940	11'	<b>\$19.5B</b>	Landfall in Cameron/40 mb drop & 65 mph wind increase in last 24 hours/Cat 4-60 miles
<b>Ida- 2021</b>	4-140 mph in La.	930	10'	<b>\$75B</b>	Landfall in Cocodrie/Sustained wind for 7 hours/Cat 4- 50 miles/800k without power
Current Storm	CAT- Winds	MB	Storm Surge	Storm Size	Worksheet Remarks (Direction, Speed, Summary)
H-120 (5 days)					
H-96 (4 days)					
H-72 (3 days)					
H-48 (2 days)					
H-24 (1 day)					
H-12 hours					
H-6 hours					

**H-Hour is defined as when hurricane force winds reach landfall**



**Mb-** Anything below 940 Mb is devastating, 940-965 Mb is really bad, below 980 requires close monitoring and over 1000 Mb is normal day to day thunderstorms.

**Storm speed-** Most storms move at about 8-10 mph, a storm moving above 10 mph is moving fast and below 5 mph has the potential to stall upon landfall.

**Storm surge-** Anything above 20' is catastrophic and above 10' is a major cause for concern.

**Storm size-** Use the I10 test. I10 is about 50 miles in straight line distance from the coast. So look at a storm size while it is over Cuba or in the Gulf, place the eye at the Louisiana coast and if the hurricane wind bands (not TS bands) pass I10, the storm (over 100 miles in circumference) it is likely to be a major event.

**Wind speed and Category-** Winds are a critical indication of the violence of the storm. The higher the category/wind, the worse the internal storm effects will be.

**Category and Wind Speed Range Information**

**Tropical Depression <39 MPH    Tropical Storm 39-73 MPH**

**CAT1 74-95    CAT2- 96-110    CAT3 111-130**

**CAT4- 131-155    CAT5- >155**