



City of Thibodaux Hurricane Preparation Worksheet



Name	Category- Winds	MB	Storm Surge	Damage Cost	Remarks- 30 Years of Major Storms in La.
Andrew- 1992	2-115 in La.	990	8'	\$27.3B	Landfall in Morgan City/only 6" rain/major wind damage
Katrina- 2005	4-155 in La.	935	28'	\$125B	4 th most intense US storm/storm surge + 16 ft in last 48 hours/major SAR efforts
Rita- 2005	3-115 in La.	937	12'	\$18.5B	Landfall 3 weeks after Katrina in Cameron/major wind damage/back to back storms
Gustav- 2008	2-110 in La.	985	14'	\$8.3B	Landfall in Cocodrie/diagonal path across La/storm size 160 miles/1.5M without power
Ike- 2008	2-110 La.	950	8'	\$38.1B	Landfall Tx-La line /storm size 200 miles/major wind damage/back to back storms
Isaac- 2012	1-80 mph in La.	975	11'	\$3.1B	Slow moving/storm size 100 miles/landfall twice-mouth of river & Port Fourchon
Laura- 2020	4-150 mph in La.	940	11'		Landfall in Cameron/mb -40 & speed + 65 mph in last 24 hours/only 60 miles deep
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