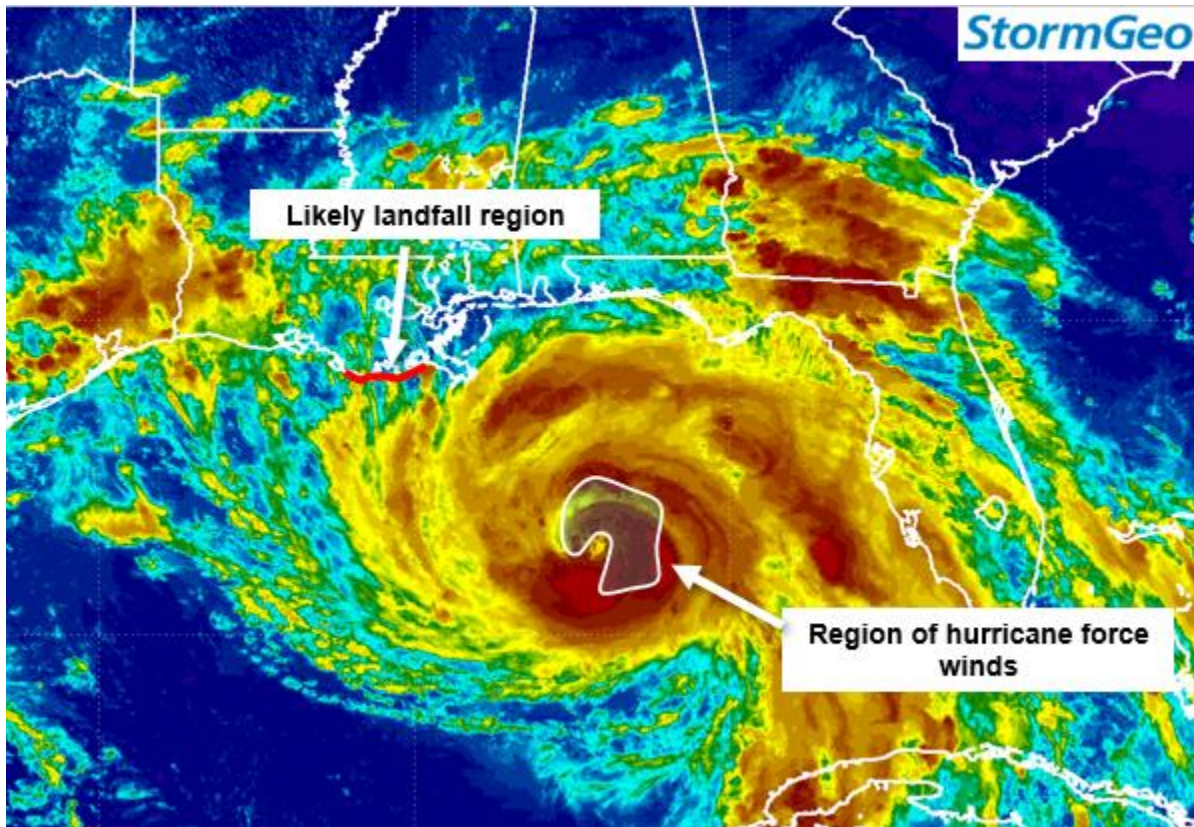


# Hurricane Ida Intermediate Advisory 13a

Issued: 06:00 PM CDT Saturday August 28, 2021



**Current Location:** 26.5N, 87.4W

**Geographic Reference:** 210 miles SE of the Mouth of the Mississippi River

**Movement:** Northwest at 14 mph

**Max Winds:** 105 mph gusting to 125 mph

**Organizational Trend:** Steadily Strengthening

**Forecast Confidence:** High

**Estimated Central Pressure:** 973 mb

Preliminary aircraft data indicate that Ida may not have winds as high as estimated in our previous advisory. We will keep the wind speed at 105 mph as Ida is becoming better organized, and the plane has not sampled the entire storm yet. However, the aircraft has found that Ida is somewhat larger than we previously analyzed it to be. Hurricane force winds now extend about 45 miles northeast of the center with 60 mph winds now extending about 85 miles northeast of the center.

In addition, we may be shifting our forecast track about 10 miles to the east in the evening advisory as Ida is moving slightly to the east of our forecast track. The combination of the likely slight track shift and the larger size means that the risk of hurricane force winds in New Orleans is increasing. The threat of tidal surge is also increasing for coastal Mississippi. Note that the impacts will extend well outside of the area where Ida will make landfall.

Our next full advisory will be issued by 9 PM CDT

Meteorologist: Derek Ortt

Lat.	Lon.	Max Sustained Winds	Category
26.50N	87.40W	105 mph	Category 2

**Trigger Report for Cleco, Eunice Service Area -- Hurricane Ida Adv. #13**

Issued: 03:00 PM CDT Saturday, August 28, 2021

Current Conditions		Forecast Conditions	
<b>Location</b>	25.8N / 87.1W - 458 miles SE	<b>Max Forecast Winds</b>	130 mph gusting 160 mph (Cat 3)
<b>Movement</b>	NW @ 14 mph		
<b>RPA Status</b>	Positive	<b>Max Forecast HSI</b>	23 (8 size / 15 intensity)
<b>Winds</b>	105 mph gusting 130 mph (Cat 2)		
<b>Current HSI</b>	14 (5 size / 9 intensity)	<b>Hours to Next Trigger Point</b>	11
<b>Current Indicated Level</b>	1	<b>Estimated Next Trigger Point Reached</b>	4 (24 hrs) 2AM Sun Aug 29

Predicted Conditions for Your Eunice Service Area facility	
<b>Discussion</b>	Ida's center will be moving inland south of Houma, Louisiana around 6pm tomorrow. However, squalls will reach southeast Louisiana before sunrise tomorrow. Conditions across southeast Louisiana and coastal Mississippi will deteriorate through the day on Sunday. As the center tracks northward across western Mississippi and northward into Tennessee Monday afternoon and Tuesday, the main impact will be heavy rainfall, which may result in flooding-related travel issues. Strong tropical storm force winds with gusts to hurricane force, especially for areas east of Lafayette. These winds could result in widespread and power outages, as well as moderate wind damage.
<b>Rain</b>	Rainfall amounts of 4 to 8 inches possible from Sunday morning through Monday. Some street flooding is expected.
<b>Storm Surge</b>	On our forecast track, tidal surges of 4 to 6 feet could occur into Vermilion Bay Sunday afternoon and evening. Coastal flooding is likely.

*Note: Hours remaining is calculated from the above issue time.*

Wind Field Forecast and Worst-Case Arrival Times at Eunice Service Area							
Wind Field	Forecast ETA			Worst-Case ETA		Probability of Wind Impact	
	Hrs. Until Arrival	Arrival Time/Date	Duration	Hrs. Until Arrival	Arrival Time/Date	Value	Trend

<b>39 mph</b>	35	2AM Mon Aug 30	1	23	2PM Sun Aug 29	50%	-1%
<b>58 mph</b>	N/A	N/A	N/A	32	11PM Sun Aug 29	14%	-1%
<b>74 mph</b>	N/A	N/A	N/A	35	2AM Mon Aug 30	5%	-5%
<b>100 mph</b>	N/A	N/A	N/A	36	3AM Mon Aug 30	1%	-2%

Level	Trigger Parameter	Trigger Reached?	Estimated Hours Remaining and Time
<b>1</b>	<b>RPA+</b>	<b>Yes</b>	<b>--</b>
2 (48 hrs)	FTA39 ≤ 48 hrs and PWI58 ≥ 25%	No	Trigger not fully met
3 (36 hrs)	FTA39 ≤ 36 hrs and PWI58 ≥ 30% and Max forecast HSI ≥ 25 with size component ≥ 13	No	Trigger not fully met
4 (24 hrs)	FTA39 ≤ 24 hrs	No	11 hours - 2AM Sun Aug 29
5	Sustained winds fall below 39mph	No	37 hours - 4AM Mon Aug 30

**Trigger Report for Cleco, Patterson-New Iberia Service Area -- Hurricane Ida Adv. #13**

Issued: 03:00 PM CDT Saturday, August 28, 2021

Current Conditions		Forecast Conditions	
<b>Location</b>	25.8N / 87.1W - 409 miles SE	<b>Max Forecast Winds</b>	130 mph gusting 160 mph (Cat 3)
<b>Movement</b>	NW @ 14 mph	<b>Max Forecast HSI</b>	23 (8 size / 15 intensity)
<b>RPA Status</b>	Positive	<b>Hours to Next Trigger Point</b>	2
<b>Winds</b>	105 mph gusting 130 mph (Cat 2)	<b>Estimated Next Trigger Point Reached</b>	4 (24 hrs) 5PM Sat Aug 28
<b>Current HSI</b>	14 (5 size / 9 intensity)		
<b>Current Indicated Level</b>	2 (48 hrs)		

Predicted Conditions for Your Patterson-New Iberia Service Area facility	
<b>Discussion</b>	Ida's center will be moving inland south of Houma, Louisiana around 6pm tomorrow. However, squalls will reach southeast Louisiana before sunrise tomorrow. Conditions across southeast Louisiana and coastal Mississippi will deteriorate through the day on Sunday. As the center tracks northward across western Mississippi and northward into Tennessee Monday afternoon and Tuesday, the main impact will be heavy rainfall, which may result in flooding-related travel issues. Strong tropical storm force winds with gusts to hurricane force, especially for areas east of Lafayette. These winds could result in widespread and power outages, as well as moderate wind damage.
<b>Rain</b>	Rainfall amounts of 4 to 8 inches possible from Sunday morning through Monday. Some street flooding is expected.

<b>Storm Surge</b>	On our forecast track, tidal surges of 4 to 6 feet could occur into Vermilion Bay Sunday afternoon and evening. Coastal flooding is likely.
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*Note: Hours remaining is calculated from the above issue time.*

Wind Field Forecast and Worst-Case Arrival Times at Patterson-New Iberia Service Area							
Wind Field	Forecast ETA			Worst-Case ETA		Probability of Wind Impact	
	Hrs. Until Arrival	Arrival Time/Date	Duration	Hrs. Until Arrival	Arrival Time/Date	Value	Trend
<b>39 mph</b>	26	5PM Sun Aug 29	12	19	10AM Sun Aug 29	77%	+7%
<b>58 mph</b>	N/A	N/A	N/A	27	6PM Sun Aug 29	28%	-3%
<b>74 mph</b>	N/A	N/A	N/A	30	9PM Sun Aug 29	21%	+0%
<b>100 mph</b>	N/A	N/A	N/A	32	11PM Sun Aug 29	5%	-4%

Level	Trigger Parameter	Trigger Reached?	Estimated Hours Remaining and Time
<b>1</b>	<b>RPA+</b>	<b>Yes</b>	--
<b>2 (48 hrs)</b>	<b>FTA39 ≤ 48 hrs and PWI58 ≥ 25%</b>	<b>Yes</b>	--
3 (36 hrs)	FTA39 ≤ 36 hrs and PWI58 ≥ 30% and Max forecast HSI ≥ 25 with size component ≥ 13	No	Trigger not fully met
<b>4 (24 hrs)</b>	<b>FTA39 ≤ 24 hrs</b>	<b>No</b>	<b>2 hours - 5PM Sat Aug 28</b>
5	Sustained winds fall below 39mph	No	38 hours - 5AM Mon Aug 30