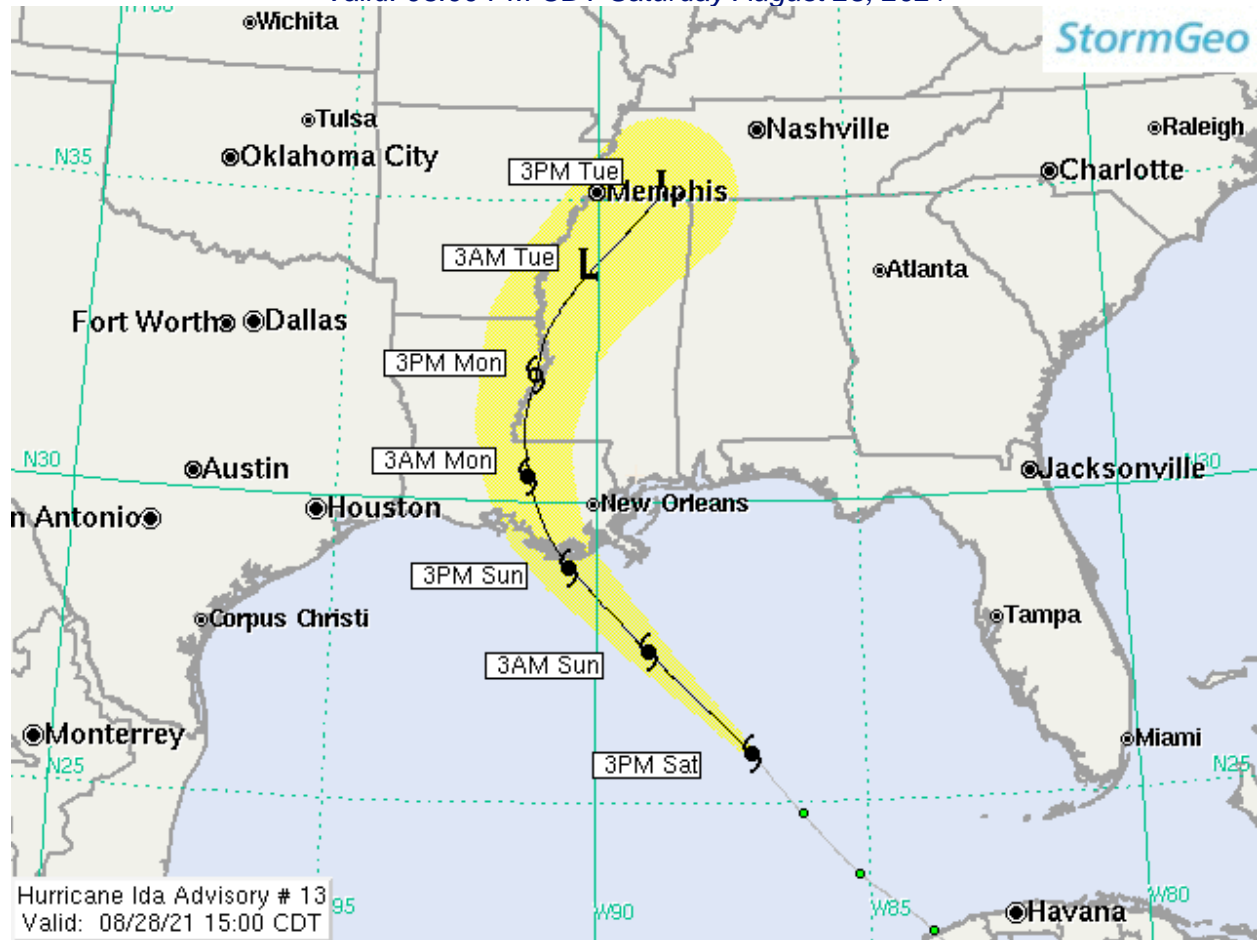


Hurricane Ida Advisory 13

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



Current Location: 25.8N, 87.1W

Geographic Reference: 260 miles SE of the Mouth of the Mississippi River

Movement: Northwest at 14 mph

Max Winds: 105 mph gusting to 130 mph

Current Hurricane Severity Index: 14 out of a possible 50 points (5 size, 9 intensity)

Max Predicted Hurricane Severity Index: 23 out of a possible 50 points (8 size, 15 intensity)

Current Radius of Tropical Storm-Force Winds: 125 miles

Max Predicted Radius of Tropical Storm-Force Winds: 155 miles

Organizational Trend: Steadily Strengthening

Forecast Confidence: High

Estimated Central Pressure: 978 mb

Key Points

1. We have adjusted the point of landfall about 15 miles to the east in this advisory.
2. Severe damage from both wind and tidal surge is expected for southeast Louisiana.
3. Hurricane force sustained winds are possible as far inland as Baton Rouge.
4. Forecast confidence has increased to high.

Our Forecast

Ida remains generally on-track, though it is slightly to the north of the forecast track. Because of this, we have nudged the track about 15 miles to the right as it moves into the Louisiana coast tomorrow evening. There is no reconnaissance scheduled until after this advisory is issued, but Ida's satellite presentation indicates it has reached Category 2 strength with winds near 105 mph. Continued steady strengthening is expected up until Ida makes landfall south of Houma around 6pm tomorrow. Maximum sustained winds at landfall are still predicted to be 130 mph, but it is quite possible that Ida could become stronger than that, perhaps up to 140 mph.

Given the marshy terrain of south Louisiana, Ida may still have sustained winds to hurricane strength as it passes just west of Baton Rouge early Monday morning. Gusts there may top 100 mph. Ida may still contain some tropical storm force winds as it tracks up the Louisiana/Mississippi border into Monday afternoon.

Ida is predicted to be an average-sized hurricane at landfall. It will be much smaller than Katrina of 2005, but close in size to Gustav of 2008. As such, its high storm surge will be confined to a smaller area along the coast between Morgan City and Grand Isle. Locations outside of levees will likely be inundated by Ida's surge tomorrow afternoon/evening.

Expected Impacts on Land

Southeast Louisiana: Severe to catastrophic wind and tidal surge damage is expected near where the eye makes landfall. Locations within the eyewall inland may experience power outages that last for weeks, along with major structural damage. Flooding rains will create widespread street flooding and areas of flood damage.

Coastal Mississippi: Tropical storm conditions in squalls may lead to scattered power outages. Heavy rain and strong onshore flow will result in travel issues, particularly along Highway 90.

Inland Mississippi to Western Tennessee: Heavy rain along Ida's path may cause flooding-related travel issues as far north as western Tennessee on Monday and Tuesday.

Expected Impacts Offshore

Northwest Gulf of Mexico: Squalls are now moving into the southern deepwater lease areas offshore southeast and south-central Louisiana. Squalls may continue across southeast Louisiana blocks through Monday afternoon when Ida is well inland into Mississippi.

We will begin issuing intermediate advisories at 6 PM CDT. Our next full advisory will be issued by 9 PM CDT

Meteorologist: Chris Hebert

Forecast Confidence: High							Hurricane Severity Index		
Fcst Hour	Valid	Lat.	Lon.	Max Sustained Winds	Max Gusts	Category	Size	Intensity	Total
0	3PM CDT Sat Aug 28	25.80N	87.10W	105 mph	130 mph	Category 2	5	9	14

12	3AM CDT Sun Aug 29	27.50N	89.00W	125 mph	155 mph	Category 3	8	13	21
24	3PM CDT Sun Aug 29	28.90N	90.50W	130 mph	160 mph	Category 4	8	15	23
30	9PM CDT Sun Aug 29	29.60N	91.00W	115 mph	145 mph	Category 3	7	11	18
36	3AM CDT Mon Aug 30	30.40N	91.30W	80 mph	105 mph	Category 1	3	5	8
42	9AM CDT Mon Aug 30	31.30N	91.40W	60 mph	75 mph	Tropical Storm	2	3	5
48	3PM CDT Mon Aug 30	32.10N	91.20W	40 mph	50 mph	Tropical Storm	1	1	2
54	9PM CDT Mon Aug 30	32.80N	91.00W	35 mph	45 mph	Tropical Depression	0	1	1
60	3AM CDT Tue Aug 31	33.70N	90.30W	30 mph	40 mph	Tropical Depression	0	0	0
72	3PM CDT Tue Aug 31	35.10N	88.70W	30 mph	40 mph	Remnant Low	0	0	0

The yellow cone is based upon the 75th percentile of the track error from the previous five years scaled by the current forecast confidence level. It does not indicate where the potential impacts may be. Strong winds, very high tides, large waves, and heavy rainfall can often extend well outside the yellow cone.