

Tropical Storm Ida - Estimated Impacts

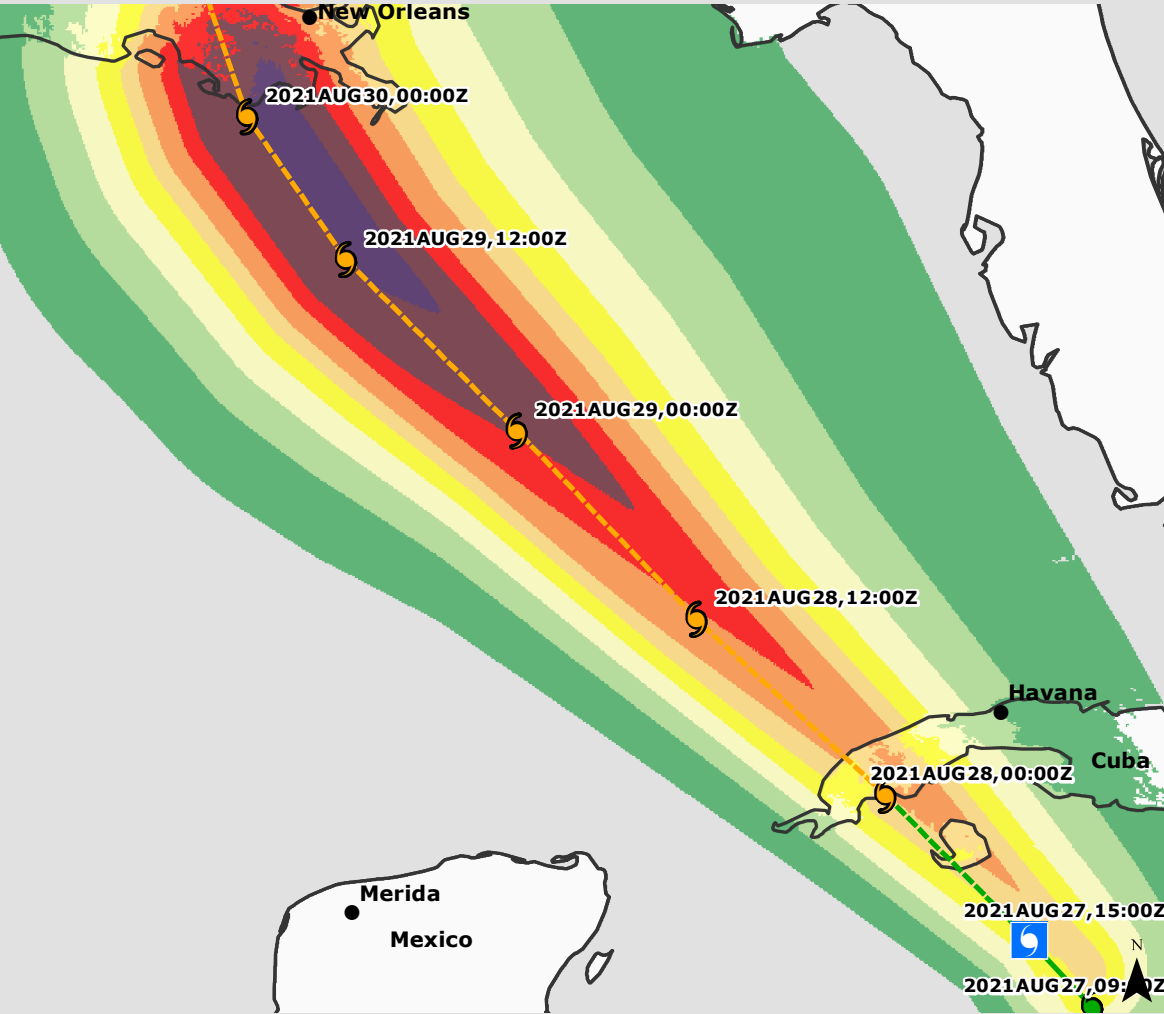
Advisory 5, 27 August 2021 1500 UTC



PDC-9A-5A

NWS Summary: At 1100 AM EDT (1500 UTC), the center of Tropical Storm Ida was located near latitude 20.7 North, longitude 82.1 West. Ida is moving toward the northwest near 15 mph (24 km/h), and this general motion should continue over the next few days. On the forecast track, the center of Ida will pass near or over the Isle of Youth and western Cuba later today, and move over the southeastern and central Gulf of Mexico tonight and Saturday. Ida is forecast to make landfall along the U.S. northern Gulf coast within the hurricane watch area on Sunday. Reports from Air Force and NOAA reconnaissance aircraft indicate that the maximum sustained winds have increased to near 65 mph (100 km/h) with higher gusts. Additional strengthening is forecast today and Ida is expected to be a hurricane when it nears western Cuba later today. Steady to rapid strengthening is expected when Ida moves over the southeastern and central Gulf of Mexico over the weekend, and Ida is expected to be a major hurricane when it approaches the northern Gulf coast. Tropical-storm-force winds extend outward up to 90 miles (150 km) from the center. A wind gust to 45 mph (72 km/h) was recently reported on Cayman Brac and a wind gust to 41 mph (67 km/h) has been observed on Cayo Largo, Cuba, within the past hour or two. The latest minimum central pressure reported by an Air Force Reserve reconnaissance aircraft is 996 mb (29.42 inches).

Estimated Wind Impacts

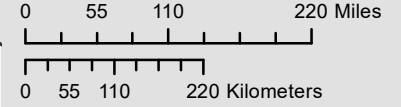


Tropical Cyclone Positions

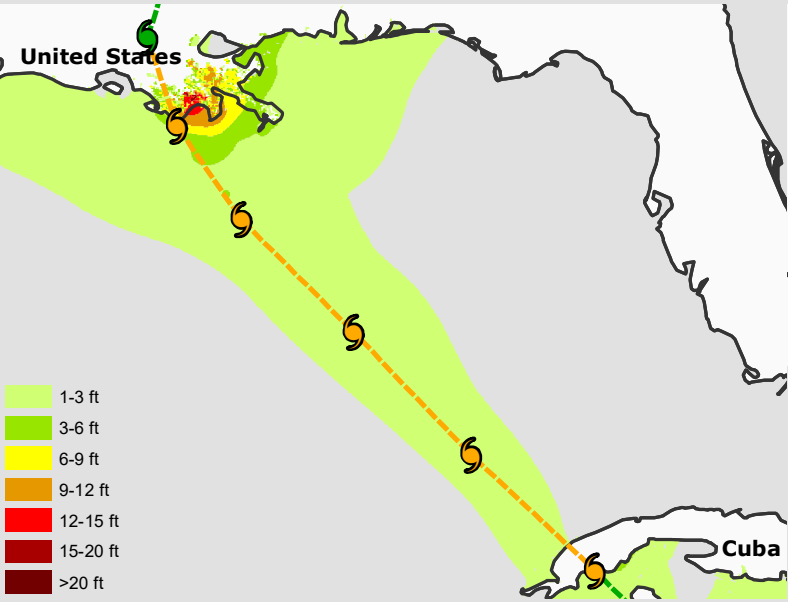
- Hurricane/Typhoon >150 mph
- Hurricane/Typhoon > 74 mph
- Tropical Storm: 39-73 mph
- Tropical Depression: <39 mph
- Current Cyclone Position

Est Wind Impacts (TAOS)

- Small Trees Sway
- Large Trees Sway
- Branches Breaking
- Trees Down; some power loss
- Minor Damage; power out
- Moderate Damage 5% of value
- Widespread Damage
- Severe Damage
- Catastrophic Damage

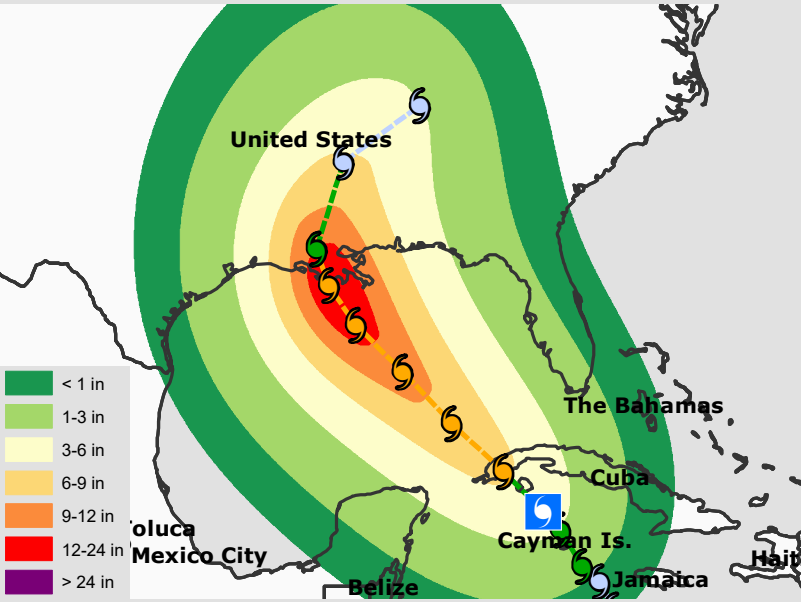


Estimated Still Water Storm Surge



- 1-3 ft
- 3-6 ft
- 6-9 ft
- 9-12 ft
- 12-15 ft
- 15-20 ft
- >20 ft

Estimated Tropical Cyclone Rainfall



- < 1 in
- 1-3 in
- 3-6 in
- 6-9 in
- 9-12 in
- 12-24 in
- > 24 in