

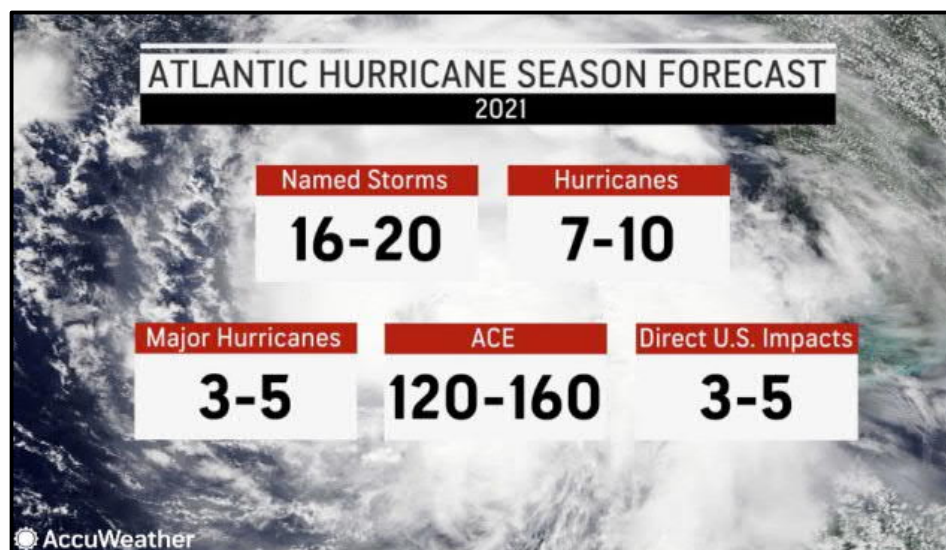
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WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

April 2, 2021

2021 Atlantic Hurricane Season Forecast

- AccuWeather is predicting an above-average Atlantic hurricane season for 2021.
- AccuWeather's team of tropical weather experts, led by veteran meteorologist Dan Kottlowski, predicts that the 2021 Atlantic hurricane season will result in 16-20 named storms, including seven to 10 hurricanes.
- Of the storms projected to reach hurricane strength, three to five are predicted to become major hurricanes (Category 3 or higher storms that have maximum sustained winds of 111 mph or greater).
- A normal season is considered to have 14 storms, seven hurricanes and three major hurricanes.
- To come up with the forecast, Kottlowski and his team examined current weather patterns then studied long-range climate models to make a determination about what will happen during the heart of the season in August, September and early October.
- One of the determinants for how the season will shape up is the El Niño Southern Oscillation (ENSO).
- Current forecasts are calling for the existing La Niña pattern to shift to an ENSO-neutral phase by the late spring or early summer which means water temperatures in this zone of the Pacific will be closer to average.
- The big question at this time is whether or not the pattern shifts back to a La Niña by the latter part of the hurricane season, according to Kottlowski.
- "If that happens, that could certainly increase the chance that we could see more than 20 storms," he said.
- Troubling signs are already emerging in the western Atlantic. According to Kottlowski, sea-surface temperatures (SSTs) are above normal in the northern and central Gulf of Mexico.
- Waters in much of the Caribbean and tropical Atlantic are also warmer than normal or around normal.



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2020 Atlantic Hurricane Season – Landfall Update

- The U.S. had one fewer named storm landfall than previously thought in the hyperactive 2020 Atlantic hurricane season, according to a post-season reanalysis.
- Meteorologists at the National Hurricane Center (NHC) completed a review of data for Marco and found that it did not officially make landfall as a tropical storm at the mouth of the Mississippi River in extreme southeast Louisiana on Aug. 24, 2020.
- In a report released Wednesday, the NHC said, "data from stations at the Southwest Pass of the Mississippi River suggest that the actual wind and pressure center stayed just south of those stations and that landfall did not occur."
- Marco was originally determined to have made landfall based on satellite imagery showing its low-level cloud swirl over land, the NHC said.
- The NHC reanalyzes every named storm in the Atlantic and eastern Pacific each year. This sometimes results in changes to a storm's track and/or intensity based on a full review of all available data.
- The U.S. still had a record-breaking 11 named storm landfalls in 2020.
- At least one named storm made a U.S. landfall each month from May through November, beginning with Bertha in South Carolina and ending with Eta in Florida.
- Six of the U.S. landfalls were from hurricanes: Hanna, Isaias, Laura, Sally, Delta and Zeta. That's well above the average of one to two hurricane landfalls per year, according to NOAA's Hurricane Research Division.



Joint Preliminary Damage Assessments

State	Event	Number of Counties for IA		Start-End
		Requested	Completed	
GA	Severe Storms & Tornadoes March 25-26	1	0	4/6-TBD

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WSP USA Inspection Services Active Disasters

Disaster Number and State	Disaster Type	Number of Counties Declared	Days Since Launch	Registration Deadline
4586 TX	Severe Ice Storm	126 Counties	39	4/20/2021

WSP USA INSPECTION SERVICES ACTIVITY

