

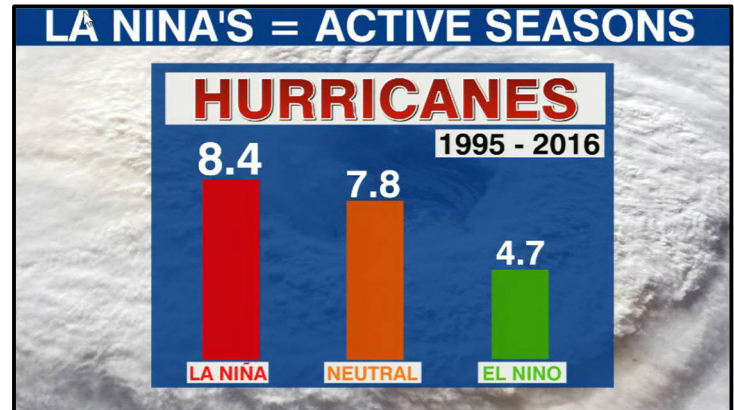
DAILY DART

WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

March 18, 2022

2022 Hurricane Forecast (La Niña)

- A recent report from the National Oceanic and Atmospheric Administration (NOAA) states that there is slightly more than a 50-50 chance that the climatological phenomenon known as La Niña will linger into the summer months.
- Forecasters actively monitor the sea surface temperature trends near the equator in the central and eastern parts of the Pacific Ocean, as these water temperatures have a significant bearing on the weather patterns across the globe.
- It is in these waters that the three-pronged natural climate pattern known as the El Niño-Southern Oscillation (ENSO) occurs. ENSO's three phases are broken down into La Niña, El Niño and neutral.
- A La Niña phase is characterized by lower-than-average sea surface temperatures over the tropical Pacific Ocean. This process is the exact opposite of El Niño, a phase in which sea surface temperatures rise to above-average levels.
- Like an off-balance seesaw, the state of ENSO goes back-and-forth in an uneven pattern, making it tricky to predict what precisely will happen more than a few months down the road.
- La Niña's most pronounced impact in the Atlantic basin is decreasing the amount of disruptive wind shear that is present in the regions where tropical weather develops. Lower wind shear increases the potential for a higher-than-normal amount of tropical systems.
- The exact opposite occurs during El Niño with generally higher wind shear, which can hinder tropical development and even tear apart weaker systems that have already formed.
- As a result of the forecast wind shear pattern for the Atlantic basin, the upcoming season looks active for tropical development, according to Dan Kottlowski, AccuWeather's hurricane expert.
- La Niña was in place for the pair of recent hyperactive Atlantic hurricane seasons in 2020 and 2021. The 2020 season featured more named storms than any other season in history and was the second and final time that forecasters would tap into the Greek alphabet after exhausting the predetermined list of 21 storm names.
- If La Niña persists through September, it would be just the third time since 1950 that the phenomenon was present for three consecutive hurricane seasons.
- There are already indications that a named tropical system could spin up before the official start of the 2022 Atlantic hurricane season, Senior Meteorologist Paul Pastelok said in AccuWeather's annual spring forecast.
- AccuWeather will be releasing its annual in-depth Atlantic hurricane forecast on March 30.



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Pending Individual Assistance Declaration Request

State	Event	Date Submitted	Approved/Denied /Pending	Number of Counties/Tribes
FL	Severe Storms, Straight-Line Winds & Tornadoes Jan 16, 2022	2/24/2022	Pending (Appeal)	2 Counties
PR	Severe Storms, Flooding & Landslides Feb 4-6, 2022	3/8/2022	Pending	7 Municipalities

WSP USA Inspection Services Active Disasters

Disaster Number and State	Disaster Type	Number of Counties Declared	Days Since Launch	Registration Deadline
4607 MI	Severe Storms & Flooding	4 Counties	241	11/12/2021
4611 LA	Hurricane	25 Parishes	199	11/29/2021

WSP USA INSPECTION SERVICES ACTIVITY

