

DAILY DART

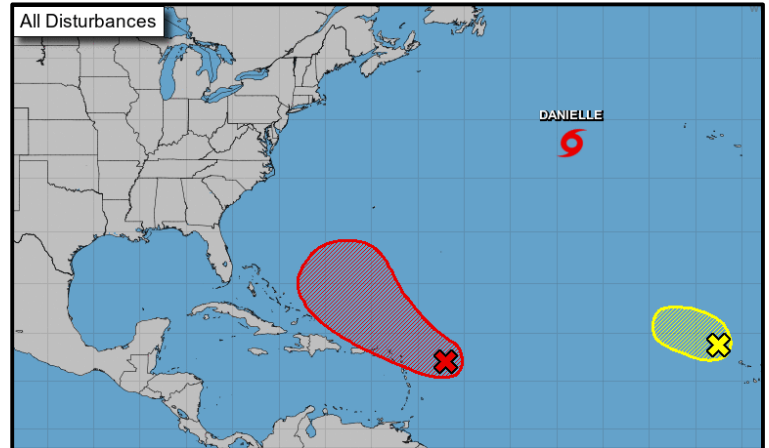
WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

September 2, 2022

Tropical Activity

Tropical Storm Danielle

- Tropical Storm Danielle is meandering in the northern Atlantic Ocean and will soon become the season's first hurricane.
- Danielle is located over the open Atlantic waters about halfway between North America and western Europe.
- The storm is on the cusp of becoming a hurricane and should intensify into one on Friday.
- It is no threat to land as it drifts the next few days, then begins a slow crawl toward the northeast.



Disturbance 1 (91L)

- This system is producing clusters of showers and thunderstorms associated with an area of low pressure several hundred miles east of the Lesser Antilles right now.
- Despite nearing the heart of hurricane season, there are two roadblocks that are slowing the development of this system for now. One factor is dry air and the other is unfavorable upper-level winds.
- Regardless of development, forecast models suggest this area could develop and head slowly west-northwest to an area near or north of the Lesser Antilles by Saturday.
- This system will likely then turn more northward into the western Atlantic with time through a weakness that develops in its high-pressure steering wheel.
- That should allow it to pass well off the Southeast U.S. coast, but we'll be watching closely for any changes to that thinking.
- It's possible high surf and rip currents generated by this system could reach the Southeast U.S. coast after Labor Day.
- Formation chance – 48-hours: Medium (50%); 5-days: High (70%)

Disturbance 2

- This system is a tropical wave that emerged over the Atlantic from Africa earlier this week.
- Currently located just northwest of the Cabo Verde Islands.
- The tropical wave should track toward cooler waters and limit its chance for additional organization over the next day or so.
- Formation chance – 48-hours: Low (10%); 5-days: Low (10%)

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2022 Atlantic Hurricane Season – Zero Named Storms in August

- For the first time in 25 years, August has come and gone without a named tropical storm in the Atlantic Ocean Basin. Since the satellite era began in 1960, there have now been only three years -- 1961, 1997 and 2022 -- that there were no named systems during August.
- According to AccuWeather forecasters, atmospheric conditions were too hostile to support tropical development across the basin during August.
- A scientific parameter that measures the severity of a hurricane season, known as Accumulated Cyclone Energy, or ACE, was zero for the entire month of August.
- ACE tracks the combined strength and duration of all tropical storms and hurricanes. The stronger the tropical system is and the longer it lasts, the more energy it accumulates for the seasonal tally.
- The average date of the seventh named storm falls on Sept. 3, which is just seven days before the climatological peak of the season, Sept. 10.
- About 50% of all Atlantic hurricane seasons since the dawn of the satellite era in 1960 have had at least one hurricane spinning in the basin on Sept. 10, according to Colorado State meteorologist Philip Klotzbach.
- Despite the quieter start to the tropical season, AccuWeather's team of long-range forecasters still expects an active season, with a high chance for there to be 16 named storms, including the three that have already developed.



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Pending Individual Assistance Declaration Request

State	Event	Date Submitted	Approved/Denied/ Pending	Number of Counties/Tribes
AS	Severe Storms, Straight-Line Winds, Flooding and Southern Swells July 12-15, 2022	8/12/2022	Pending	Entire territory
IL	Severe Storms and Flooding July 25-28, 2022	8/30/2022	Pending	1 County

WSP USA Inspection Services Active Disasters

Disaster Number and State	Disaster Type	Number of Counties Declared	Days Since Launch	Registration Deadline
4665 MO	Severe Storms & Flooding	2 Counties/1 City	23	11/12/2021

WSP USA INSPECTION SERVICES ACTIVITY

