

# DAILY DART

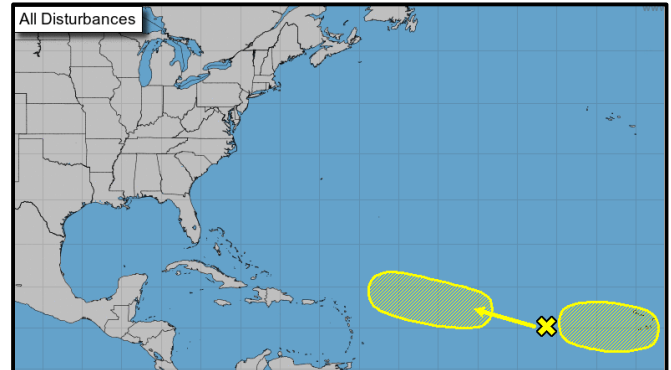
WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

August 23, 2022

## Tropical Activity

### Atlantic – Disturbance 1

- Located several hundred miles W of the Cabo Verde Islands.
- Moving W to WNW at 10-15 mph
- Some slow development possible over the next several days.
- Formation chance – 48-hour: Low (near 0%)
- Formation chance - 5-day: Low (10%)



### Atlantic – Disturbance 2

- Forecast to move off the coast of Africa.
- Moving W at 10-15 mph
- Some slow development possible over the next several days.
- Formation chance – 48-hour: Low (near 0%)
- Formation chance - 5-day: Low (20%)

## 2022 Atlantic Hurricane Season

- The 2022 Atlantic hurricane season is off to its quietest start in 30 years, but history suggests it won't end up that way.
- After a pair of western Gulf tropical disturbances failed to develop the past two weekends, we remain stuck on three named storms so far this season: Alex, Bonnie and Colin.
- While the number of storms isn't pacing far below the season-to-date average, Colorado State University tropical scientist Phil Klotzbach pointed out it was the first time in 40 years that no named storms formed from July 3 - August 22 in the Atlantic Basin.
- Another metric meteorologists use to gauge a season's activity has also flatlined.
- As of Aug. 20, the 2022 hurricane season's ACE index is pacing the lowest of any year since 1992, according to Kim Wood, associate professor at Mississippi State University.
- Short for Accumulated Cyclone Energy, the ACE index sums up how long storms last and how intense they become, instead of just raw counts of storms. Each of the Atlantic Basin's three storms was relatively weak and short-lived, though Bonnie went on to become a hurricane in the Eastern Pacific Basin.
- Sinking, dry, dust-laden air from Africa's Sahara Desert – a typical suppressing factor early in the hurricane season – has pushed westward across the Atlantic Basin through July. But that dry air has also persisted well into August.
- Klotzbach also noted a stubborn TUTT, short for tropical upper tropospheric trough, has been in place over the central Atlantic, providing dry air and wind shear that are both hostile for tropical development.

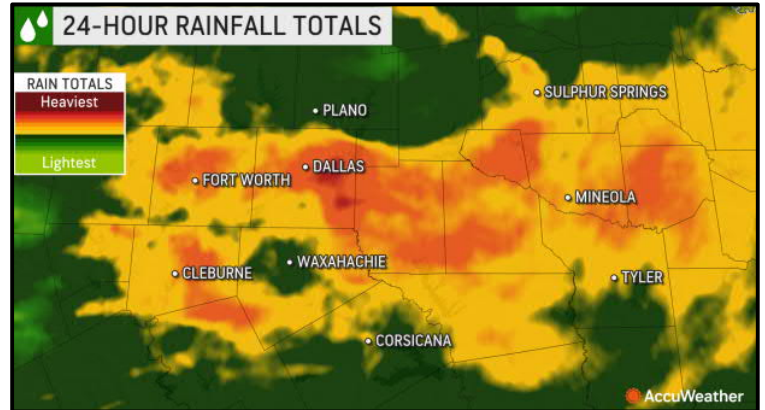
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## Severe Weather & Flood Activity Texas

- The Dallas/Fort Worth metroplex was overtaken by a slow-moving thunderstorm late Sunday night into Monday, resulting in a rain event that established the area's highest 24-hour precipitation total in nearly 90 years, leaving one dead and prompting a barrage of flash flooding and subsequent water rescues.
- Throughout the day on Monday, the city was all but brought to a standstill as officials urged motorists to stay off the roads and carried out rescues of those whose vehicles were caught in the floodwaters. Meanwhile, tens of thousands were without power for a time on Monday and air travel at local airports was disrupted.
- The heavy rain began under the dark of night on Sunday. Flash flood warnings issued in parts of Dallas late Sunday quickly gave way to nearly 10 inches of rain in a short period near the downtown area, creating submerged roadways and forcing water rescues throughout the area.
- Rainfall continued well into Monday, with the total 24-hour rainfall of 9.19 inches as of 2 p.m. local time noted as the second-highest total ever and the most since September 1932, according to the National Weather Service (NWS).
- From Sunday afternoon to 7 a.m. local time Monday, Dallas-Fort Worth International Airport measured 7.03 inches of rain. This is more rainfall than the combined period from May 1 through Aug. 20, which produced just 6.53 inches of rain.
- Based on preliminary damage assessments in the area, Jenkins declared a state of disaster in Dallas County Monday evening, requesting state and federal assistance for those affected.
- Over 36,000 customers were without power as of Monday afternoon, according to PowerOutage.US. Most power outages were across the northeastern corner of Texas, including over 6,000 outages in Dallas County.



### Joint Preliminary Damage Assessments

State	Event	Number of Counties for IA		Start-End
		Requested	Completed	
	N/A			

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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

## 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	13	11/12/2021

## WSP USA INSPECTION SERVICES ACTIVITY

