

# DAILY DART

WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

August 19, 2022

## Tropical Activity

### Atlantic – Disturbance 1

- A robust tropical disturbance located over Central America could still become the Atlantic basin's next tropical depression, AccuWeather forecasters say, but time is running out.
- Low pressure associated with the disturbance, also known as a tropical wave, was fairly broad and extended from the northwestern Caribbean to southeastern Mexico with the center of the system located over southeastern Mexico on Thursday afternoon.
- Despite the center of the system being over land, thunderstorms with torrential rain continued to erupt in the region, including in part of the southwestern Gulf of Mexico, a sign that forecasters said indicated some strength.
- It is very unlikely that this disturbance will rapidly strengthen to a hurricane or high-end tropical storm, but there is a low to medium chance of the system becoming a tropical depression prior to moving over land in the coming days.
- At this time, AccuWeather meteorologists believe the main impact from the system is likely to be locally heavy rain from northeastern Mexico to part of South Texas from Saturday to Sunday.
- Seas are also likely to build over the southwestern Gulf from Mexico to South Texas into this weekend.
- "It is possible that most of the shower and thunderstorm activity associated with the system passes to the south of the Texas border and moves into Mexico this weekend," AccuWeather Meteorologist Brandon Buckingham said. If the system tracks more to the northwest, then it could bring heavy, flooding rain to South Texas.
- Much of South Texas and the lower Rio Grande Valley was recently hit by a tropical rainstorm that brought 2-10 inches of rain.
- This system brought some needed drought relief but also some unwelcome flooding.
- While the region could handle a moderate amount of rain following several days of dry weather this week, torrential downpours could bring renewed flooding.



# DAILY DART

WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

August 19, 2022

## 2022 Atlantic Hurricane Season – The Weather Company Update

- The 2022 Atlantic hurricane season is still expected to be busier than average, despite three just-released lowered forecasts.
- A total of 17 storms, seven of which become hurricanes and three attain major hurricane status (Category 3 or higher) are now expected for the season, according to an outlook released Thursday by The Weather Company, an IBM Business, and Atmospheric G2.
- That's a reduction of four storms and two hurricanes from their previous outlook in mid-July.
- Earlier in August, outlooks from Colorado State University and NOAA also reduced their expected storm and hurricane tallies for the season.
- Each of these outlooks include the three named storms – Alex, Bonnie and Colin – that have already formed this season, as of Aug. 18.
- Despite the downtick, each forecast remains at or above the 1991-2020 average of 14 storms, seven hurricanes and three major hurricanes.
- While three named storms through mid-August is only one storm shy of the pace of an average season, it's been over six weeks since the last named storm, Colin.
- Atmospheric G2 vice president of meteorology Todd Crawford examined the number of storms through mid-August of the past 20 hurricane seasons. He found only 2 of the last 13 seasons with five or fewer storms through mid-August ended up being very active seasons.
- Sinking, dry, dust-laden air from Africa's Sahara Desert has pushed westward across the Atlantic Basin through July, a typical suppressing factor early in the hurricane season. But that dry air has also persisted into the first two weeks of August.
- Another reason for the downward adjustment involves the distribution of warmer- and cooler-than-average Atlantic Ocean water.
- CSU tropical scientist Phil Klotzbach noted a strip of the ocean from northwest Africa extending westward to north of the Leeward Islands had become cooler than average in recent weeks.
- Klotzbach said this pattern, if it persists, might lead to increased shearing winds that could rip apart systems trying to become tropical storms.

2022 Hurricane Season Forecast		Atlantic Basin		
	1991-2020 Average	NOAA	Colorado State University	The Weather Company
■ Total Named	14	14-20	18	17
■ Hurricanes	7	6-10	8	7
■ Cat 3 or Higher	3	3-5	4	3

# DAILY DART

WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

August 19, 2022

## Joint Preliminary Damage Assessments

State	Event	Number of Counties for IA		Start-End
		Requested	Completed	
IL	Heavy Rain and Flash Flooding July 25-28, 2022	1	0	8/16-TBD

## 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	9	11/12/2021

## WSP USA INSPECTION SERVICES ACTIVITY

