

DAILY DART

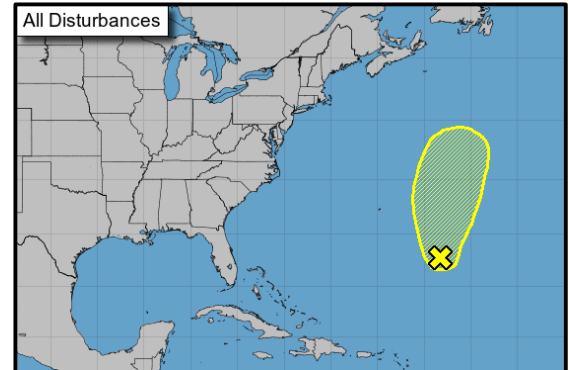
WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

August 2, 2023

Tropical Activity

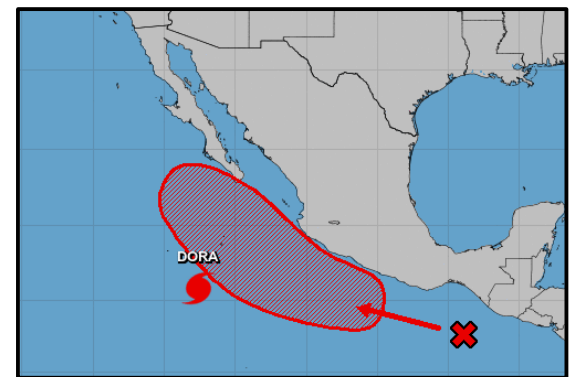
Atlantic – Disturbance 1

- Located 475 miles southeast of Bermuda.
- Conditions are becoming increasingly less favorable for tropical cyclone formation.
- The low is expected to move northward and merge with a frontal system over the north-central Atlantic in a couple of days.
- Formation chance – 48 hour: Low (10%); 7-day: Low (10%)



Eastern Pacific – Hurricane Dora (CAT 1)

- Located 520 miles SSW of southern tip of Baja California, Mexico moving W at 16 mph.
- Maximum sustained winds 90 mph.
- Rapid intensification is forecast; could become a major hurricane later today.
- Hurricane force winds extend 10 miles; tropical storm force winds extend 45 miles.



Eastern Pacific – Disturbance 1

- A tropical wave located south of the Gulf of Tehuantepec is associated with a broad area of disorganized showers and thunderstorms.
- This feature is soon expected to lead to the development of an area of low pressure, where environmental conditions appear favorable for further development.
- A tropical depression is now likely to form by this weekend.
- This system is forecast to move west-northwestward or northwestward, moving parallel to but not far off the southwestern coast of Mexico.
- Formation chance – 48 hour: Low (20%); 7-day: High (70%)

Atlantic Hurricane Season Update

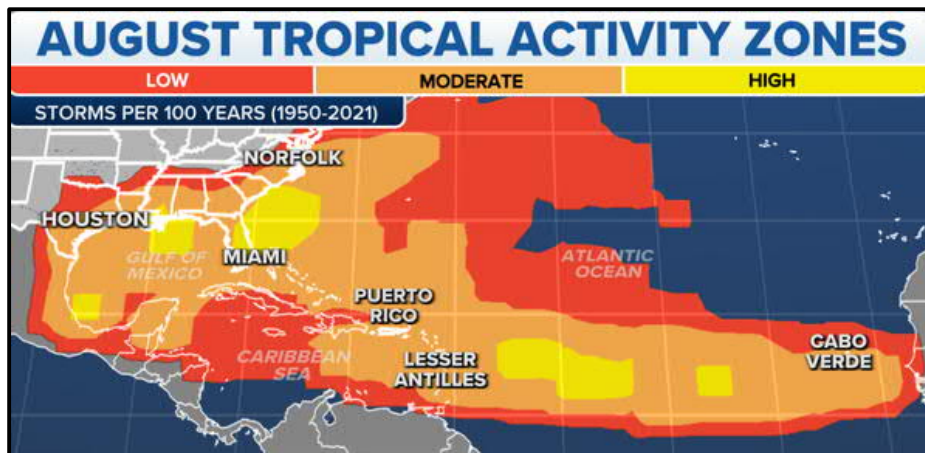
- The Atlantic hurricane season is entering its third month after an unusual start to the year, with five cyclones in the basin and what forecasters said could be a busy peak.
- August, September and October are considered to be the peak months, with over 85% of tropical cyclone formations during the three-month period.
- Unlike during the first months of the season, the hotbed formation zones cover much of the Atlantic due to warming water temperatures and an increase in moisture associated with tropical disturbances.
- "The odds of an active tropical storm or hurricane increase quickly and dramatically through August as Saharan dust season ends, the upper winds become less hostile, and the ocean heats up," said FOX Weather hurricane specialist Bryan Norcross.

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- The FOX Forecast Center said there are mixed signals about whether the month will be known for its activity or if it'll fail to meet expectations.
- Sea surface temperatures in large parts of the Gulf of Mexico, Caribbean Sea and Atlantic Ocean are above average but dry air remains plentiful, which is expected during the first half of the month.
- Plumes of the Saharan Air Layer, or what is commonly known as SAL, have recently reached the Gulf Coast, enhancing sunrise and sunset colors and impacting air quality.
- The wide-ranging effects of El Niño have generally not been witnessed yet across the basin, which tends to reduce tropical cyclone activity.
- Usually, during El Niño events, upper-level winds are stronger, leading to increased shear across parts of the Caribbean and Atlantic.
- The hostile conditions are known to be detrimental to cyclones that need calmer conditions aloft for vertical thunderstorm development.
- Not all EL Niño patterns produce similar effects, and some hurricane years, such as 2012 and 2004, have defied expectations and were record-breaking.



Joint Preliminary Damage Assessments

State	Event	Number of Counties for IA		Start-End
		Requested	Completed	
PA	Flash Flooding	2	0	TBD
AR	Straight-Line Winds	7	1	7/31-TBD
NJ	Severe Storms & Flooding	1	0	TBD

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Pending Individual Assistance Declaration Request

State	Event	Date Submitted	Approved/Denied/ Pending	Number of Counties/Tribes
OH	Train Derailment Feb 3-8, 2023	7/3/2023	Pending	1 County
TN	Severe Storms & Straight-line winds June 25-26	7/20/2023	Pending	1 County
MS	Severe Storms, Straight-line winds & Tornadoes June 14-19, 2023	7/24/2023	Pending	2 Counties

WSP USA Inspection Services Active Disasters

Disaster Number and State	Disaster Type	Number of Counties Declared	Days Since Launch	Registration Deadline
4709 FL	Flood	1 County	89	6/27/2023

WSP USA INSPECTION SERVICES ACTIVITY

