

DAILY DART

WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

September 9, 2022

Peak of Hurricane Season Arrives This Weekend

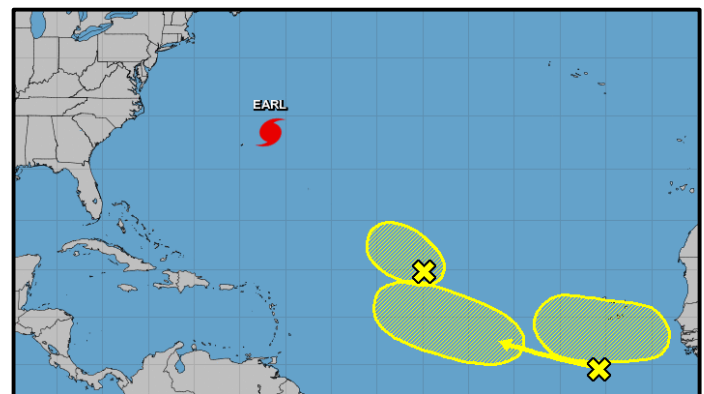
- Saturday marks the statistical peak of the Atlantic hurricane season, as Sept. 10 is when the Atlantic Basin has had the most hurricanes and named storms over the course of history.
- This seasonal peak is also when conditions are most optimal for the development of tropical storms and hurricanes.
- There's an overlap of favorable factors in early to mid-September, including ocean water reaching its highest temperature, the atmosphere's ability to generate thunderstorms hitting its peak, and hostile shearing winds declining to a minimum.
- These overlapping favorable factors occur over a larger area of the Atlantic Basin compared to early and late in the season. So there's more real estate open for tropical development during the seasonal peak.
- Colorado State University tropical scientist Phil Klotzbach said that roughly three-quarters of Atlantic hurricane seasons since 1966 have had at least one active named storm on Sept. 10. Also, half of all seasons have had at least one active hurricane on this date.



Tropical Activity

Hurricane Earl (CAT 2)

- Located 140 miles ENE of Bermuda moving NNE at 17 mph
- Maximum sustained winds 100 mph
- Expected to transition into a powerful hurricane force extratropical low on Saturday and then gradually weaken



Disturbance 1

- Located 1,100 miles E of the Leeward Islands moving WNW at 15-20 mph
- Formation chance – 48-hour: Low (30%); 5-day: Low (30%)

Disturbance 2

- Located several hundred miles S of the Cabo Verde Islands moving WNW at 15-20 mph
- Formation chance – 48-hour: Low (near 0%); 5-day: Low (20%)

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Disturbance 3

- Located off the coast of Africa
- Formation chance – 48-hour: Low (near 0%); 5-day: Low (20%)

Joint Preliminary Damage Assessments

State	Event	Number of Counties for IA		Start-End
		Requested	Completed	
GA	Flooding September 4, 2022	2	1	9/8-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
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	30	11/12/2021

WSP USA INSPECTION SERVICES ACTIVITY

