

DAILY DART

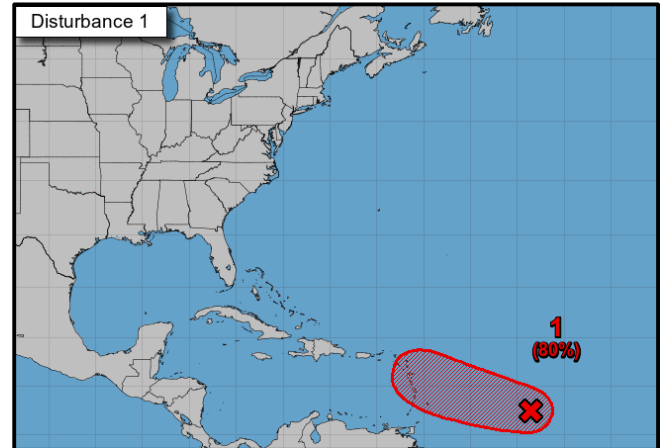
WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

October 18, 2023

Tropical Activity

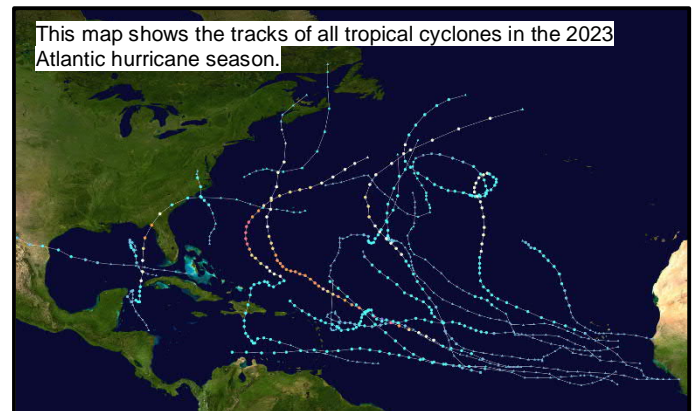
Atlantic – Disturbance 1 (AL94)

- The NHC said the system is about 850 miles east of the Windward Islands and producing a large area of showers and thunderstorms.
- Environmental conditions are expected to remain conducive for additional development, the NHC said.
- A tropical depression will likely form during the next day or two while the system moves westward to west-northwestward into the western tropical Atlantic toward the northeastern Caribbean islands.
- Tropical Storm Watches may be required for some of the northeastern Caribbean islands later Wednesday, the NHC noted. Heavy rain and gusty winds could reach the islands by Friday.
- Formation chance – 48-hour: High (80%); 7-day: High (80%)



Mid-October Atlantic Hurricane Season Update

- The 2023 Atlantic hurricane season has taken a breather — mostly. There hasn't been a single hurricane since Nigel weakened on Sept. 22, and if October ends without any storms reaching hurricane strength, it would be the first such month to pass hurricane-free since 2013.
- The season to date has been right on the money for average, assuming no more storms form.
- If nothing else changes, this season will go in the books as within the realm of typical, though officially we have another six weeks to go.
- Since Oct. 1, the Atlantic has mostly flatlined. Neither Philippe nor Rina, which formed in September but dissipated within the first week of October, made it above tropical storm strength. Then Sean formed on Oct. 11, but never strengthened above minimal tropical storm status.
- The sudden drop is due to increasing shear over the open Atlantic. Shear, or a disruptive change of wind speed and/or direction with height, knocks tropical cyclones off-kilter and prevents their strengthening.
- Philip Klotzbach, a hurricane researcher at Colorado State University, projects majority odds of above-average activity for the second half of October. His forecast of Invest 94L to intensify and burn through ACE is the main reason.



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- That said, he also foresees favorable upper-level winds over the Atlantic through the end of October, and notes that there will be enhanced rising motion too. Both could make it easier for a tropical storm or hurricane to form.
- While the Gulf and Caribbean both look mostly dormant, predictability wanes this time of year.
- Many late October storms are “homegrown,” and result when lobes of vorticity, or spin, pinch off from cold fronts rather than when preexisting tropical waves roll west. That’s why, though both the Gulf and Caribbean look quiet, it’s no reason to fully relax yet.

Joint Preliminary Damage Assessments

State	Event	Number of Counties for IA		Start-End
		Requested	Completed	
MA	Flooding Sep 11-13	2	0	10/10-TBD

Pending Individual Assistance Declaration Request

State	Event	Date Submitted	Approved/Denied/ Pending	Number of Counties
OH	Train Derailment Feb 3-8, 2023	7/3/2023	Pending	1 County
AR*	Severe Storms, Straight-Line Winds & Tornadoes June 25, 2023	8/23/2023	Pending	7 Counties
WA	Wildfires	10/4/2023	Pending	1 County

*Award of task order to contractor pending

WSP USA Inspection Services Active Disasters

Disaster Number and State	Disaster Type	Number of Counties Declared	Days Since Launch	Registration Deadline
4724 HI	Wildfires	1 County	65	11/9/2023
4734 FL	Hurricane Idalia	18 Counties	47	11/29/2023
4738 GA	Hurricane Idalia	5 Counties	38	11/6/2023

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WSP USA INSPECTION SERVICES ACTIVITY

