

DAILY DART

WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

July 10, 2024

Severe Weather Outlook

- Across parts of central New York, the tornado threat is its highest in nearly 20 years as Beryl's remnants move into an area ripe with wind shear and atmospheric instability Monday afternoon.
- "That should say something that should grab your attention," FOX Weather Meteorologist Craig Herrera said. "Watch for those supercells to develop this afternoon. You want to make sure that you've got a safe spot to go to."
- "The greatest tornado threat will likely be within an east-to-west corridor from just southeast of Buffalo to just west of Albany," SPC forecasters wrote Wednesday morning.
- The worst weather is expected from mid-afternoon into the evening.
- Thunderstorms across the Northeast will also carry a threat of damaging wind gusts of 60 mph or greater.
- Much of the Northeast and New England is at risk of heavy rains and flooding.
- "The energy is derived from the southwest. It impacted the Ohio Valley region overnight, went through the Great Lakes, and gained lake enhancement as it sweeps through (Wednesday) afternoon...It could reach two to potentially three inches per hour," FOX Weather Meteorologist Steve Bender said.
- NOAA's Weather Prediction Center has highlighted parts of New York, Vermont and New Hampshire as being at least at moderate risk for flooding.



2024 Hurricane Season Update

- Hurricane Beryl is likely just the start of a budding "hyperactive" hurricane season, according to the updated hurricane season forecast from experts at Colorado State University released Tuesday.
- Their already aggressive forecast for the number of hurricanes and tropical storms this season has increased even further, extending a record number of predicted storms.
- Dr. Phil Klotzbach, a senior research scientist at CSU, and his team are now calling for 25 named storms, of which 12 would reach hurricane strength and six that would become major hurricanes.

2024 HURRICANE SEASON FORECAST				
	CSU (JUL)	CSU (JUN)	AVG	2023
▶ NAMED STORMS	25	23	14	20
▶ HURRICANES	12	11	7	7
▶ CAT 3+	6	5	3	3

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- That's an increase from their previous updated forecast from early June that called for 23 named storms, of which 11 would become hurricane-strength and five would become major hurricanes.
- The Atlantic basin is still primed and ready for a busy season once the dust layers abate later in the season.
- "Sea surface temperatures averaged across the hurricane Main Development Region of the tropical Atlantic and Caribbean remain near record warm levels," the CSU team wrote, adding those warm waters are an ample source of fuel for tropical development.
- In addition, El Niño is gone, and the ensuing neutral or budding La Niña pattern that is likely to be in place for the peak of the hurricane season later this summer will reduce wind shear that would also typically inhibit tropical storm development.

Tropical Activity

Atlantic – Disturbance #1

- Just when it seemed the tropics might take a break, the National Hurricane Center says it is now tracking a new tropical disturbance off the Southeast coast that is currently producing disorganized showers and thunderstorms.
- "This is where you would expect to see maybe some June and July mischief," FOX Weather Meteorologist Stephen Morgan said. "It's a low chance of development, but the signals are there that we could be dealing with it."
- The NHC said environmental conditions appear only marginally favorable for some additional development of this system over the next couple of days before it moves inland over the southeastern U.S. by this weekend.
- Currently, the storm has just a 10% chance of development.



Joint Preliminary Damage Assessments

State	Event	Number of Counties for IA		Start-End
		Requested	Completed	
MN	Flooding Jun 16	42	0	7/9-TBD

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Pending Individual Assistance Declaration Request

State	Event	Date Submitted	Approved/Denied/ Pending	Number of Counties/Tribes
MI*	Severe Storms and Tornadoes May 7	June 6	Pending	4 Counties
PR	Severe Storms, Flooding, Landslides and Mudslides Apr 29-May 10	June 11	Pending	34 Municipalities
MO*	Severe Storms, Straight-Line Winds, Tornadoes and Flooding May 19-27	June 12	Pending	10 Counties
MN*	Severe Storms and Flooding June 16 and continuing	June 27	Pending	42 Counties

*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
4757 MI	Flooding	9 Counties	148	5/8/2024
4781 TX	Severe Storms & Flooding	40 Counties	51	7/16/2024
4783 WV	Severe Storms, Straight-Line Winds, Tornadoes, Flooding, Landslides/ Mudslides	8 Counties	46	7/22/2024
4788 AR	Severe Storms, Straight-Line Winds, Tornadoes and Flooding	8 Counties	39	7/30/2024
4790 MS	Severe Storms, Straight-Line Winds, Tornadoes, and Flooding	6 Counties	28	8/09/2024

WSP USA INSPECTION SERVICES ACTIVITY

