

DAILY DART

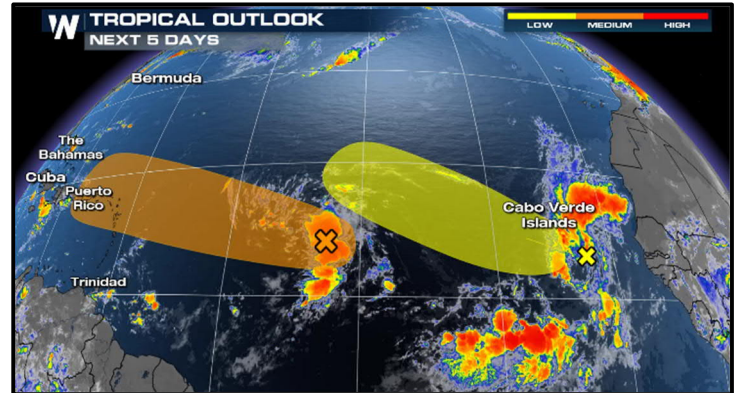
WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

September 13, 2022

Tropical Activity

Disturbance 1

- Located midway between the west coast of Africa and the Windward Islands
- Some additional development is possible over the next several days
- May impact Puerto Rico and the U.S. Virgin Islands in the coming days
- Formation chance – 48-hour Low (30%); 5-day: Medium (40%)



Disturbance 2

- Located a couple of hundred miles SE of the easternmost Cabo Verde Islands
- Any development should be slow to occur
- Formation chance – 48-hour Low (near 0%); 5-day: Low (20%)

2022 Atlantic Hurricane Season

- The Atlantic hurricane season's slow pace so far in 2022 has also led to a startling disparity in the number of mainland U.S. landfalls through mid-September compared to the last two years.
- This week marks the anniversary of the eighth and seventh U.S. named storm landfalls in the 2021 and 2020 seasons, respectively.
- Hurricane Nicholas became the final storm to strike in the season last year when it pushed into the Texas coast as a Category 1 on Sept. 14. Two years ago, Hurricane Sally hammered southern Alabama and the Florida Panhandle as a Category 2 on Sept. 16.
- Put another way, more storms had struck the U.S. by mid-September in the last two years than the number of named storms that have formed in the Atlantic so far in 2022 (five as of Sept. 12).
- The most destructive hurricanes of the past two years had also already hit the United States by mid-September. Laura and Ida both struck Louisiana at Category 4 strength in late August, with the latter hurricane's remnants also contributing to a flood disaster in the Northeast.
- However, the U.S. has a long history of pummeling hurricane strikes well into October. Zeta's Category 3 strike in late October 2020 is one such recent example.
- An average hurricane season after Sept. 12 has historically produced another six named storms, including four hurricanes, two of which would reach at least Category 3 intensity.
- The most important statistic is how many of these named storms and hurricanes strike land as we head through the final months.
- Development later in the season can happen closer to land in the western Caribbean Sea, southwestern Atlantic Ocean and Gulf of Mexico.
- There's still a long way to go. In the past 10 years, the season's last storm fizzled as soon as Oct. 25 and as late as Dec. 7.

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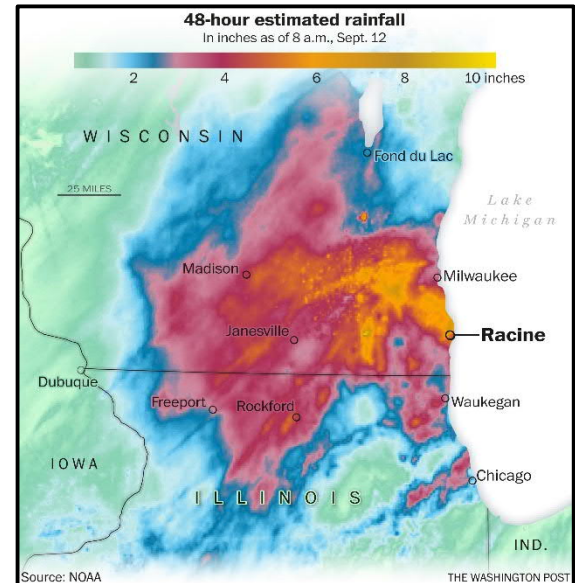
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Flood Activity

Illinois

- Widespread rain in Chicago caused dangerous flash flooding across the city on Sunday, September 11.
- While heavy rains and flooded basements may go together for a lot of Chicago residents, Sunday's steady rains were unusual, at least in one respect, according to the National Weather Service.
- The rainfall rates were more akin to those that can occur in tropical weather conditions or even during hurricanes, said Todd Kluber, a National Weather Service meteorologist.
- "We were seeing total rain rates [that] were about 6 to 8 inches per hour," Kluber said Monday. "Typical rainstorms are about 3 to 5 inches."
- Mary May, spokeswoman with the Chicago Office of Emergency Management, said as of Monday evening, there were 1,912 service requests related to Sunday's flooding. A total of seven viaducts were reported flooded, 1,578 reports of water in basements and 327 reports of water in the streets.
- A flood watch issued by the weather service was to be in effect through 10 p.m. Tuesday.



Wisconsin

- A stubborn, slow-moving storm system dumped a month's worth — or more — of rain on the Milwaukee metro area and southeast Wisconsin on Sunday and early Monday, leading to flooding and wet basements across the region.
- "Racine was hit the hardest," said Rebecca Hansen, a meteorologist at the National Weather Service in Sullivan. A weather observer in Racine near John Batten Airport recorded 9.76 inches of rain in the 24 hours ending at 5 a.m. Monday, Hansen said.
- Some parts of Racine County likely tallied 10 inches of rain, Hansen added. Normal September precipitation at the Racine airport is 3.23 inches.
- Flood warnings were in effect for the Fox River in Waukesha, the Root River in Franklin and Oak Creek in South Milwaukee.
- The American Red Cross says a shelter is now open in Waukesha County for anyone displaced by the heavy rain and flooding Sunday.
- A Red Cross spokesman noted one affected area they directly reached out to was an apartment building at 510 Glenwood Drive in Waukesha, where at least eight people were evacuated from four units of the building.
- He said elsewhere, Red Cross teams provided emergency assistance to a handful of residents in Racine and South Milwaukee whose homes were substantially affected by flood damage.

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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
VA	Flooding and Mudslides July 13-14, 2022	9/9/2022	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	34	10/7/2022

WSP USA INSPECTION SERVICES ACTIVITY

