

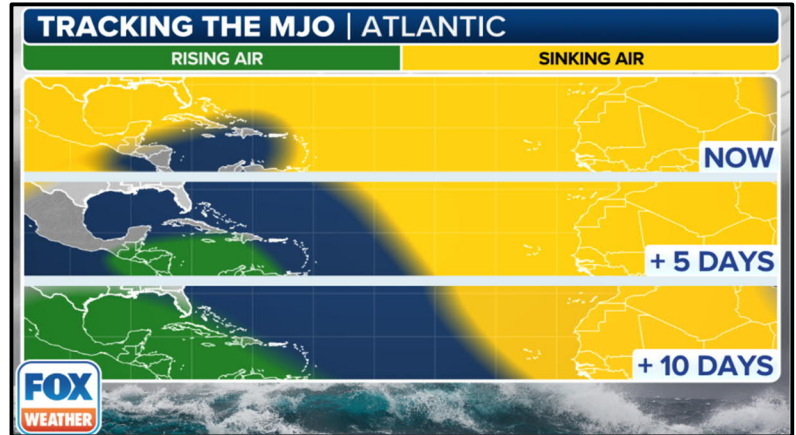
DAILY DART

WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

July 24, 2024

Tropical Update

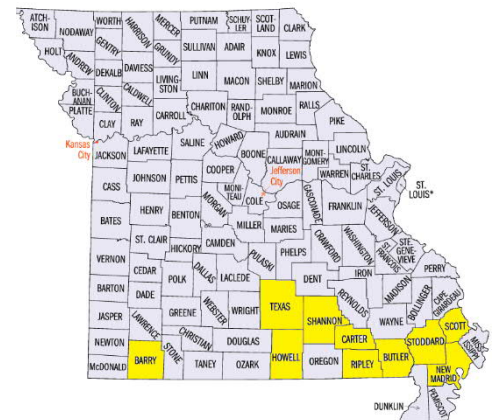
- An outbreak of Saharan dust has kept tropical activity in the Atlantic Basin at bay since Hurricane Beryl lashed Texas more than two weeks ago, but the current lull might not last much longer due to an expected change in weather patterns across the tropics beginning in early August.
- According to NOAA, the air surrounding a Saharan Air Layer (SAL) has about 50% less moisture than the typical atmosphere, which means the presence of the SAL can be detrimental to cloud formation and thunderstorm activity, which are building blocks for tropical cyclones.
- Computer models run by NOAA's Climate Prediction Center are suggesting a recurring climate cycle called the Madden-Julian Oscillation (MJO) will create more favorable atmospheric conditions for tropical storm and hurricane development in the Atlantic during the first half of August. The MJO is an eastward-traveling pulse of waves of enhanced moisture and dry air that impact areas along the equator and the subtropics.
- During the summer and fall, the MJO can lead to an increase in hurricane activity in regions considered to be in enhanced precipitation zones (rising air) and a decrease in tropical cyclone activity in suppressed regions (sinking air).
- Computer forecast models indicate this enhanced precipitation zone with rising air, associated with the MJO, will move over the tropical Atlantic Ocean in early August.
- While there are no guarantees, this pattern would at least make conditions more conducive for tropical development than they have been in recent weeks.



Declaration Activity

DR-4803 Missouri

- President Joseph R. Biden, Jr. declared that a major disaster exists in the State of Missouri and ordered Federal aid to supplement State and local recovery efforts in the areas affected by severe storms, straight-line winds, tornadoes, and flooding from May 19 to May 27, 2024.
- The President's action makes Federal funding available to affected individuals in the counties of Barry, Butler, Carter, Howell, New Madrid, Ripley, Scott, Shannon, Stoddard, and Texas.
- On May 26, multiple rounds of severe storms, flooding, and tornadoes swept across the state, particularly southeast Missouri, leaving thousands without power and causing widespread damage to homes, businesses, and



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Joint Preliminary Damage Assessments

State	Event	Number of Counties for IA		Start-End
		Requested	Completed	
VT	Severe Storms & Flooding Jul 10-11	2	0	TBD
SD	Flooding Jun 16-Jul 8	14	0	7/16-TBD

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	DENIED	4 Counties
LA	Tropical Storm Beryl Jul 8-9	July 11	Pending	3 Parishes
KY*	Severe Storms, Straight-Line Winds, Tornadoes, Landslides/ Mudslides May 21-27	June 14	APPROVED	15 Counties
MO*	Severe Storms, Straight-Line Winds, Tornadoes and Flooding May 19-27	June 12	APPROVED	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	162	5/8/2024
4781 TX	Severe Storms & Flooding	40 Counties	65	8/15/2024
4783 WV	Severe Storms, Straight-Line Winds, Tornadoes, Flooding, Landslides/ Mudslides	8 Counties	60	7/22/2024
4788 AR	Severe Storms, Straight-Line Winds, Tornadoes and Flooding	8 Counties	53	8/28/2024

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WSP USA Inspection Services Active Disasters

Disaster Number and State	Disaster Type	Number of Counties Declared	Days Since Launch	Registration Deadline
4790 MS	Severe Storms, Straight-Line Winds, Tornadoes, and Flooding	6 Counties	42	8/09/2024
4798 TX	Hurricane Beryl	15 Counties	10	9/10/2024

WSP USA INSPECTION SERVICES ACTIVITY

