

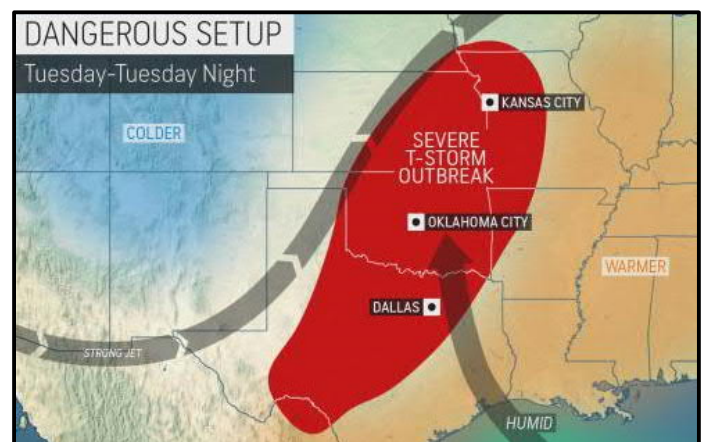
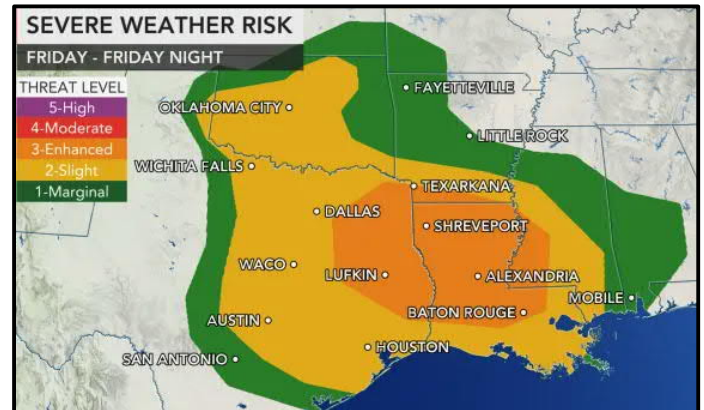
DAILY DART

WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

April 23, 2021

Severe Weather Outlook

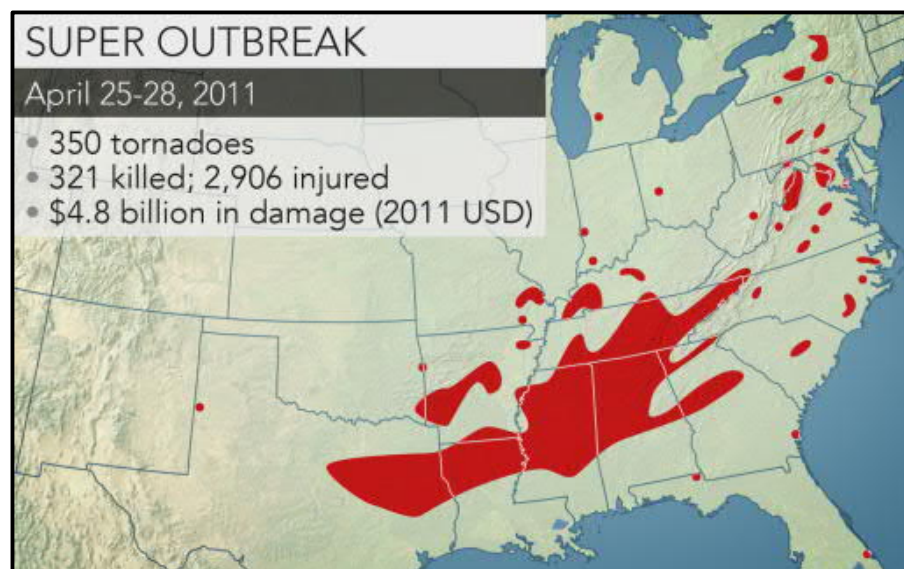
- Following a stretch of winterlike cold, a dangerous weekend is in store across the South as large areas of severe storms are expected to fire up from Texas and Oklahoma to the Atlantic coast.
- “One area of thunderstorms is expected to develop over central and southeastern Texas on Friday afternoon,” said AccuWeather Meteorologist Ryan Adamson. A second area is also likely to form over central Oklahoma and far northern Texas.
- As storms initially develop, very large hail will be the main concern. Locations from southwestern Oklahoma through central Texas, including Dallas, will be at the highest risk for large hail.
- Looking ahead to next week, AccuWeather meteorologists are monitoring for a potential severe weather outbreak across the southern United States on Tuesday and Wednesday.
- The severe storm dangers next week will arrive right around a time that may already be triggering for millions that could be affected.
- Part of the outbreak could overlap with the 10-year anniversary of the Super Tornado Outbreak in 2011, an infamous event that spawned hundreds of tornadoes and claimed hundreds of lives across the South.
- The setup involves a major undulation in the jet stream that is expected to result in a big surge in warmth over the Central and Eastern states, but at the same time, this will allow chilly air to settle over the West. In the temperature contrast zone between the two air masses, the jet stream will scream overhead and result in plenty of wind energy and a sweep of dry air.
- At this time, it appears the first and perhaps some of the biggest storms in the setup are likely to erupt in Oklahoma, western and central Texas and central and southeastern Kansas on Tuesday afternoon. This zone includes a portion of Tornado Alley, a zone that has often been a target of violent storms over the decades stretching from Texas to South Dakota.
- Storms are expected to carry on farther to the east Tuesday night in portions of Texas, western Arkansas and western Missouri.
- However, the threat of severe weather and potentially violent storms will not end Tuesday night. On Wednesday, the severe weather risk is expected to focus over the middle and lower portions of the Mississippi Valley to the northwestern part of the Gulf Coast.



April 23, 2021

Super Tornado Outbreak of 2011

- April 25-28 marks the anniversary of one of the biggest, deadliest and most destructive severe weather and tornado outbreaks in the United States in recorded history.
- Despite alerts well in advance and short-term warnings, the storms during the 2011 outbreak took the lives of 321 people and injured approximately 2,900 others, according to the Storm Prediction Center (SPC).
- More people died in this outbreak, when compared to the Super Outbreak of 1974. The April 1974 outbreak killed 315 people and spawned 148 tornadoes.
- The April 2011 Super Outbreak was the deadliest such event since 1936, when 454 people were killed.
- An incredible 349 tornadoes were spawned in just over 72 hours April 25-28, 2011, according to NOAA.
- Officially, 199 tornadoes in 15 states were tallied on April 27, 2011, a record for any calendar day in the U.S.
- Of the 199 tornadoes on April 27, 15 were rated violent tornadoes, either EF4 or EF5 on the Enhanced Fujita scale.
- The individual tornado paths from the April 25-28, 2011, Super Outbreak added up to an almost unfathomable 3,200 miles, by far the most of any U.S. outbreak, according to Greg Forbes, the former severe weather expert at The Weather Channel.
- The most destructive tornado, a multiple-vortex EF4, took the lives of 65 people and injured more than 1,000 alone and traveled plowed through Tuscaloosa and Birmingham, Alabama, during the late afternoon and evening on April 27.
- In a matter of minutes, more than 10% of the city of Tuscaloosa was destroyed and more than 1,600 were left homeless, including many students at the University of Alabama.



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Pending Individual Assistance Declaration Request

State	Event	Date Submitted	Approved/Denied /Pending	Number of Counties/Tribes
KY	Severe Flooding Feb 26 & continuing	4/6/2021	Pending	9 Counties
AL	Severe Storm, Straight-line Winds & Tornadoes March 25-26	4/15/2021	Pending	8 Counties
GA	Severe Storms & Tornadoes March 25-26	4/16/2021	Pending	1 County

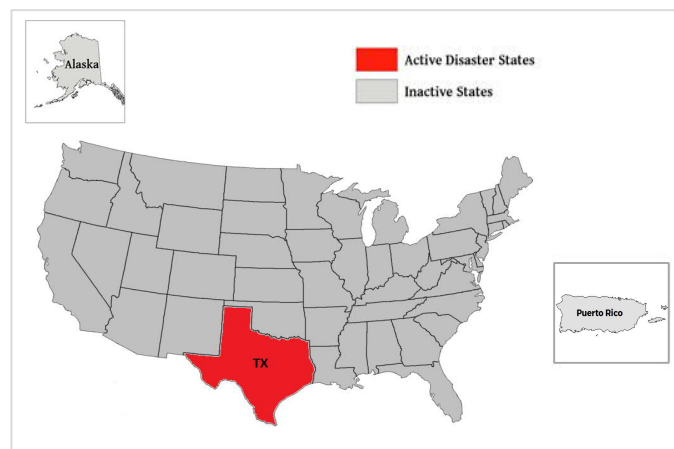
Joint Preliminary Damage Assessments

State	Event	Number of Counties for IA		Start-End
		Requested	Completed	
WV	Flooding Event Feb 27-March 4	4	0	4/14-TBD

WSP USA Inspection Services Active Disasters

Disaster Number and State	Disaster Type	Number of Counties Declared	Days Since Launch	Registration Deadline
4586 TX	Severe Ice Storm	126 Counties	60	5/20/2021

WSP USA INSPECTION SERVICES ACTIVITY



3

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