

DAILY DART

WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

April 1, 2021

Peak Tornado Season

- April kicks off what is typically the most active and dangerous three months of the year for tornadoes in the United States.
- As 2021 has already proven, damaging tornadoes can strike in any month. March had a series of severe weather outbreaks in the South, but deadly tornadoes also struck the region in January and February.
- But weather history shows April, May and June are the months with the most potential of having both the greatest number of tornadoes and the most intense tornadoes.
- The U.S. averaged 1,234 tornadoes annually from 2000 to 2019. About 54% of those tornadoes happened from April to June.
- The most tornadoes typically happen in May, with an average of 281. This is followed by June and April, which average 196 and 194 tornadoes per year, respectively.
- The sheer number of tornadoes from April through June isn't the only thing that makes this such a dangerous time of year – tornado intensity is also a factor.
- About 58 percent of all twisters rated F3/EF3 or stronger (1950-2012) touched down in those three months, according to statistics compiled by Dr. Greg Forbes, a former severe weather expert for The Weather Channel. This rises to 69 percent when examining tornadoes F4/EF4 or stronger.
- All tornadoes pose a threat, but intense twisters account for a higher number of fatalities and damage. About 86 percent of the deaths from 2008 through 2019 were from tornadoes rated EF3 or stronger, according to NOAA's Storm Prediction Center.



Tornado Activity

- Nearly 10,000 homes were impacted by tornado damage that occurred across Alabama and Georgia last week, according to data from catastrophe modeling firm CoreLogic.
- The March 25 deadly tornado outbreak occurred thanks to prime weather conditions that produced what is known as "supercell" storms that produce the most tornadoes, CoreLogic said.
- More than 20,000 homes were in the immediate area of the tornado touchdowns, but only a fraction of these homes are expected to have received damage.
- Of the homes in the immediate area around the tornado touchdowns, roughly 11,098 had a 50% or greater probability of damage.

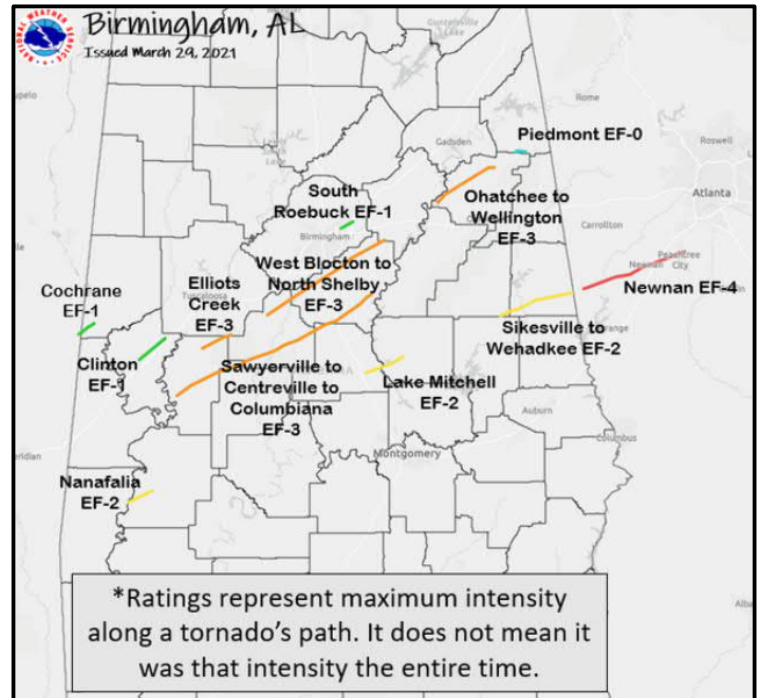
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Alabama

- After days of conducting storm surveys, the National Weather Service has officially confirmed 11 tornadoes in Alabama from the March 25th outbreak.
- Seven of those were rated at least EF-2, which qualifies them as being “strong.”
- There were 11 tornadoes in the state in a single day, but the fact that four of them were rated EF-3 and three others were rated EF-2 is what will set this day apart from most others.
- The massive Sawyerville-Centreville-Columbiana EF-3 tornado was not only very strong with maximum winds of 150 mph, but it was on the ground for over 80 miles during a 98-minute span and was upwards of 2,300 yards wide. It impacted 5 different counties (Hale, Perry, Bibb, Chilton, and Shelby).
- According to an update from the American Red Cross on Monday, damage assessments in the impacted areas are 80 percent complete and early estimates indicate that almost 400 homes have sustained major damage or were completely destroyed.



Georgia

- The Georgia Emergency Management and Homeland Security Agency (GEMA/HS) continues to assist local Emergency Management Agencies (EMAs) with damage assessments to determine the costs incurred as a result of the severe weather event that occurred on March 26.
- GEMA/HS has also determined that the level of damages in eight Georgia counties rise to a level that Joint Federal/State and Local Preliminary Damage Assessments are warranted.
- GEMA/HS requested to the Federal Emergency Management Agency's (FEMA) Region Headquarters that these Joint PDA's be conducted in Coweta, Fannin, Gilmer, Heard, Polk, Pickens, Lumpkin and Rabun counties. Other counties may be included if warranted.
- While downtown neighborhoods were the hardest hit from Friday morning's tornado, the storm left a path of destruction across Coweta County.
- Coweta County is sending people out to do damage assessments, and it will likely still be a few days before there are final numbers of how widespread the damage is.
- But, so far, there are “well over 1,000” homes damaged, Coweta Emergency Management Director Michael Terrell said.

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Flood Activity

Tennessee

- The Nashville Office of Emergency Management on Wednesday says there have been more than 200 homes reportedly holding water since severe weather over the weekend brought deadly flash flooding across Music City.
- Nashville OEM says self-reported data shows there were just over 200 single-family homes with reported water as of noon Wednesday. Sixty-six of those homes have "major" flood damage, according to OEM.
- Hundreds of people across Middle Tennessee spent late Sunday and all-day Monday cleaning up after nearly eight inches of rainfall flooded their properties.
- Rutherford County is still dealing with high flood waters, after more than 30 rescues were made in just 24 hours.
- A total of seven people have died as a result of this past weekend's overnight flooding, according to the Tennessee Emergency Management Agency (TEMA).

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	38	4/20/2021

WSP USA INSPECTION SERVICES ACTIVITY

