

DAILY DART

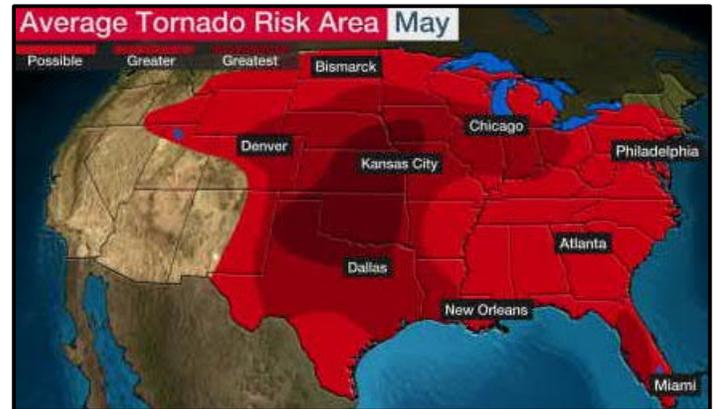
WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

May 1, 2023

May Weather

Peak Tornado Month

- In most years, May is when the peak of tornado activity occurs in the United States. This is the time of year when ingredients for severe thunderstorms come together most often.
- The setup for severe thunderstorms typically includes disturbances in the jet stream pushing out of the Rockies and into the Plains, interacting with warm air and ample moisture.
- In May, the area where these ingredients have the highest chance to come together is from Texas to Iowa.
- Based on data from 2001 to 2021, the average number of May tornadoes in the U.S. is 277. That's considerably higher than April and June, which, on average, are the second (197) and third (187) busiest months for twisters, respectively.
- Of course, these are averages and the actual tornadic outcome can vary in any given year. May over the last four years illustrates this since it had 510 twisters in 2019 and then just 126 in 2020.



Tropics Wake Up

- The Eastern Pacific hurricane season officially begins May 15.
- That's a little earlier than the Atlantic season because sea-surface temperatures are typically warmer and wind shear is usually weaker in the Eastern Pacific compared to the Atlantic earlier in the season.
- Tropical cyclones that form in the Eastern Pacific can impact Mexico and Central America and moisture from these systems can reach the southwestern U.S.
- The Atlantic hurricane season officially begins June 1, but tropical cyclones occasionally form prior to that date. In May, areas from the western Caribbean to the southeastern U.S. coast and into the Gulf of Mexico are favored for development.
- From 1851 to 2022, 41 named storms formed in the Atlantic Basin before June 1, a long-term average of one such early storm every four to five years.
- At least one named storm developed before June 1 in each hurricane season from 2015 to 2021 and there were impacts in the U.S. and elsewhere in the Atlantic Basin.



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Pending Individual Assistance Declaration Request

State	Event	Date Submitted	Approved/Denied/ Pending	Number of Counties/Tribes
FL	Severe Storms & Flooding	4/25/2023	APPROVED	1 County
AL	Severe Storms, Straight-Line Winds & Tornadoes	4/25/2023	Pending	5 Counties

WSP USA Inspection Services Active Disasters

Disaster Number and State	Disaster Type	Number of Counties Declared	Days Since Launch	Registration Deadline
4671 PR	Hurricane Fiona	78 Municipalities	220	11/21/2022
4673 FL	Hurricane Ian	26 Counties	211	1/12/2023
4697 MS	Severe Storms & Tornadoes	6 Counties	31	5/25/2023
4701 TN	Severe Storms & Tornadoes	10 Counties	22	6/6/2023

WSP USA INSPECTION SERVICES ACTIVITY

