

January 31, 2023

February Historical Weather Outlook

Tornado Risk Area Expands

- The area at higher risk for tornadoes grows from January to February as temperatures increase and the jet stream begins to shift. Moisture from the Gulf of Mexico can surge northward as low-pressure systems track eastward across the U.S.
- Portions of the South are at an elevated risk for severe thunderstorms and tornadoes due to the proximity to the Gulf of Mexico.
- Based on data from 2008 to 2022 from NOAA's Storm Prediction Center, an average of 46 tornadoes occur each February. Texas, Mississippi, Alabama and Florida experience the highest number, with an average of three tornadoes each. This is a relatively small number compared to the spring and summer months.
- Winter tornadoes can be particularly dangerous since they are often fast-moving and hard to see (rain-wrapped and/or occurring at night).
- Flooding can also be a problem in the South during February. In fact, both 2019 and 2020 went into the record books as record-wet Februaries in a few cities.



Powerful Systems Can Bring Heavy Snow, Rain

- Snow still piles up in February; It's the snowiest month of the year in some locations, including Tahoe City in California's Sierra Nevada Mountains, where about 41 inches typically falls during the month.
- Many major Northeast snowstorms occur in February. It's the snowiest month in New York City (average of 10.1 inches) and Washington, D.C. (5 inches), while it is the second-snowiest month in Boston (14.4 inches). In February 2015, Boston totaled 64.8 inches, making it the snowiest month on record and a big reason why the city set its record for the snowiest season that year.
- February can also bring a giant mess to the rest of the country, including ice storms as cold air rides over pockets of warm and rainy weather across the South.
- Although Dallas and Seattle don't receive a lot of snow, February is the snowiest month in both cities. Dallas measured 13.5 inches in February 1978, while the snowiest February in Seattle was in 1916, when 35.4 inches of snow fell.
- Heavy rain and snow are not uncommon in California in February, which is typically the wettest month of the year in much of Southern California, including in Los Angeles and San Diego.

DAILY DART

WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

January 31, 2023

Temperatures Rise During February

- The heart of winter has passed for most of the United States as February begins. For most locations east of the Mississippi River, the coldest time of year is in January, while much of the West receives the coldest temperatures in December.
- Average high temperatures in February begin to warm slightly but remain chilly overall. Average highs in the teens become more confined to northern North Dakota and northwestern Minnesota, while 60s expand farther north into more of the South and into parts of Central California. Average highs in the 70s return to parts of the Southwest.
- The area at higher risk for tornadoes grows from January to February as temperatures increase and the jet stream begins to shift. Moisture from the Gulf of Mexico can surge northward as low-pressure systems track eastward across the U.S.

Texas Tornadoes

- Many families still feel the impact of the dangerous weather, including last week's EF3 tornado in southeast Texas.
- More help has arrived for storm-ravaged neighbors in Deer Park and Pasadena. The Joint Disaster Assistance Recovery Center has opened at Pasadena Convention Center to provide a central resource hub as locals pick up the pieces from this week's tornadoes.
- The mayors of Deer Park and Pasadena teamed up with various agencies to make the Joint Disaster Assistance Recovery Center happen. There are people on hand who can physically help people submit damage claims and walk them through the next steps.
- Local leaders say that is the first step. They are getting accurate assessments from the state and FEMA, who've asked for data on the damaged sustained.
- More than 200 structures were impacted, and more than 180 were damaged in some way in Deer Park.
- Approximately 100 homes in Orange County sustained damage Tuesday following a line of thunderstorms that produced tornadoes across the region. "Most of those are what I'd say are moderately damaged, but we do have 12-15 in the severe damage category," said County Judge John Gothia.



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Joint Preliminary Damage Assessments

State	Event	Number of Counties for IA		Start-End
		Requested	Completed	
TX	Severe Storms Jan 24	2	0	1/28-TBD

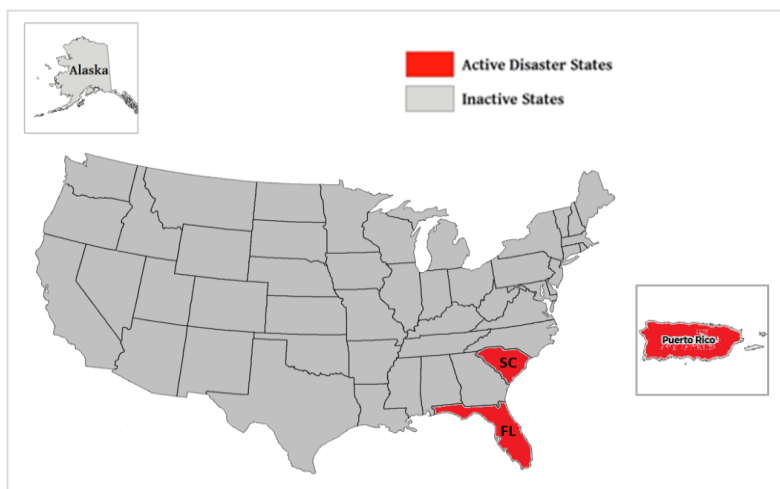
Pending Individual Assistance Declaration Request

State	Event	Date Submitted	Approved/Denied /Pending	Number of Counties/Tribes
WV	Severe Storms, Flooding, Landslides, and Mudslides (Appeal)	1/27/2022	Pending	2 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	130	11/21/2022
4673 FL	Hurricane Ian	26 Counties	121	1/12/2023
4677 SC	Hurricane Ian	3 Counties	67	1/23/2023

WSP USA INSPECTION SERVICES ACTIVITY



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