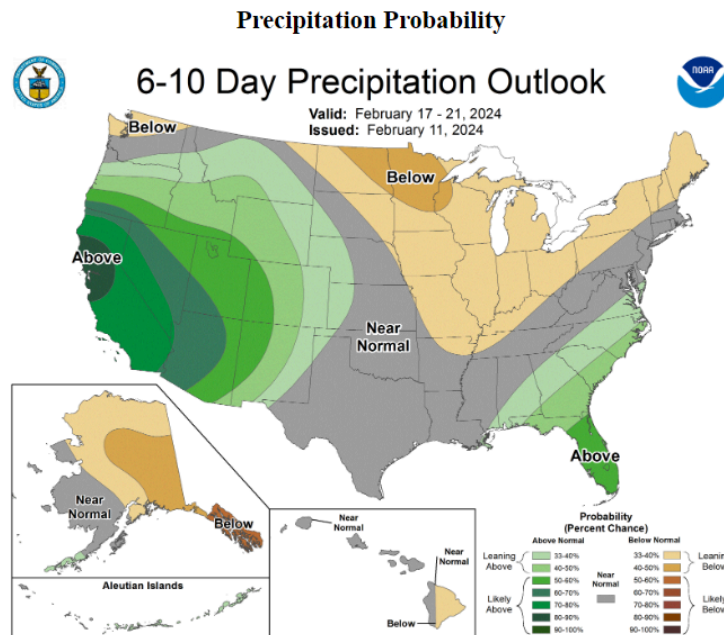
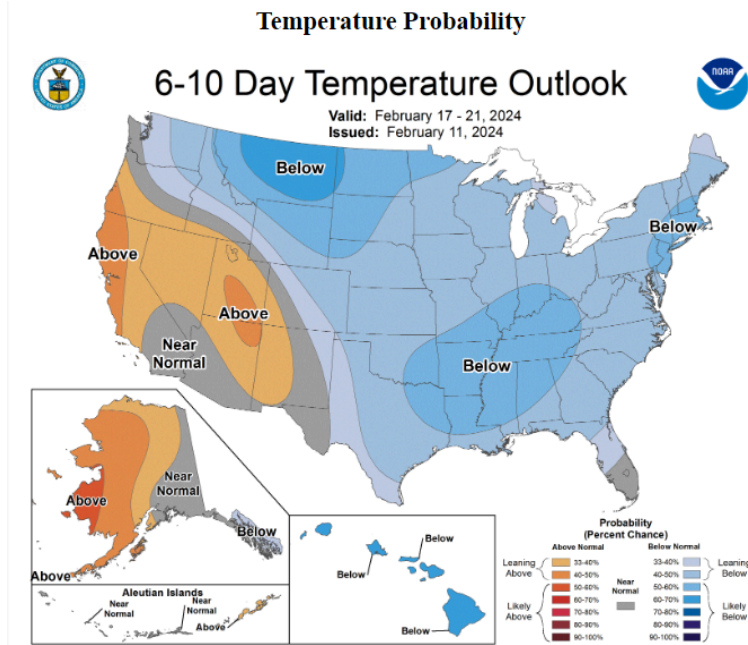


Weekly Climate Summary: 2/4/2024-2/10/2024

Climate in the News:

The week kicked off with mainly tranquil weather across the State of Texas. Above normal temperatures were the rule for virtually the entire state basically all week. Abnormal warmth set the stage for rocky finish as far as severe weather is concerned. Looking ahead with the Weather Prediction Center's 6-10 day outlooks, we see that our warm and wet pattern looks to come to a close as a pattern bringing cooler conditions with near normal precipitation is expected to set up.



Source: Weather Prediction Center

Weather Synopsis:

Similar to the previous week, severe weather ran rampant across the State with a slew of hail reports on February 10th and 11th. The 11th saw a tornado and a wind report sprinkled in with significant hail reports of over two inches. The storm system responsible for the consecutive days of severe weather marched to the east, bringing cool gusty winds to kick off the week of February 11-17.



KBTX News
@KBTXNews



A tornado was confirmed by a trained storm spotter 2 miles north-northwest of Richards, in far East Grimes County.

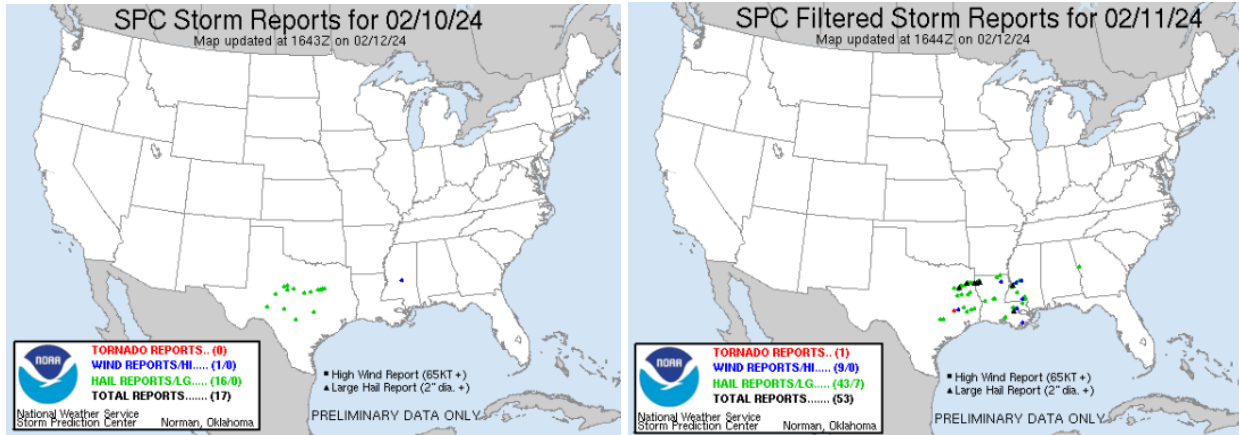


Sunday morning storms produce hail, damaging winds across the area

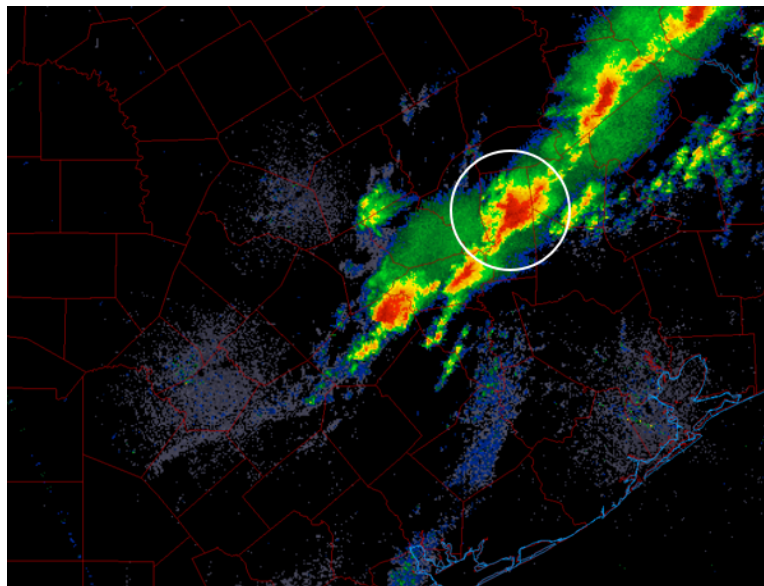
From kbtx.com

4:53 PM · Feb 11, 2024 · 1,620 Views

Damage from a confirmed tornado along I-45 in Grimes county. The tornado occurred at around 9:05 am local time. Courtesy KBTX news.



Side by side comparison of the severe weather reports received by the Storm Prediction Center on February 10-11. February 10th saw only hail reports across Texas while February 11th saw several hail reports, some greater than two inches in diameter, a wind report, and a tornado report across the State. Courtesy: Storm Prediction Center

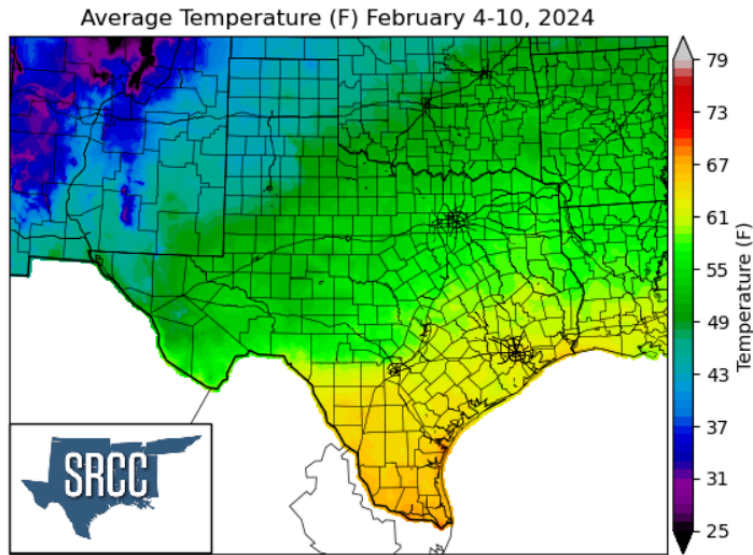


Radar reflectivity image from the Fort Cavazos (KGRK) radar at 8:55 am on February 11, 2024. This image shows the storm responsible for the tornado northwest of Richards, Tx (in the white circle) ten minutes prior to the tornado. Courtesy: College of DuPage.

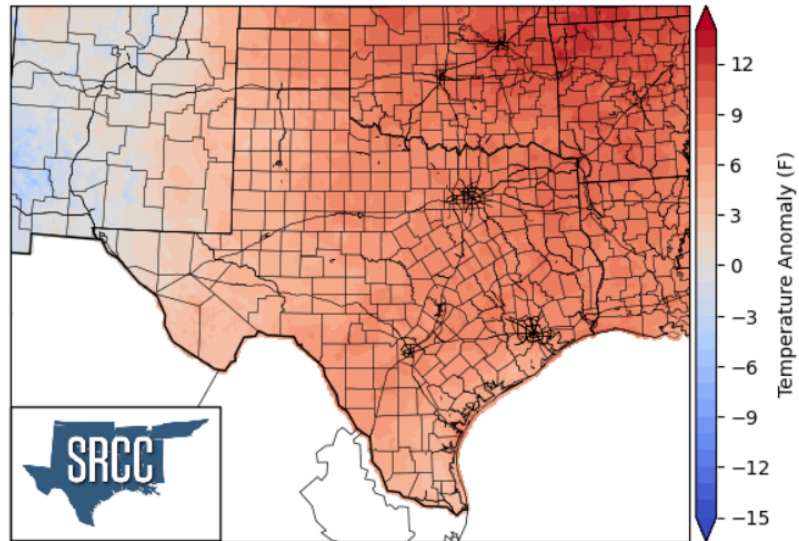
Temperature:

The week of February 4-10 saw continued above normal temperatures for virtually the entire State. Anomalies several degrees above normal were commonplace as the pattern favored continuous southerly flow for much of the week. Much of the State saw weekly average temperatures between 45°F and 65°F with a few stations running below and above these values. The warmer stations had average weekly temperatures approaching 70°F. The extremes across Texas are as follows:

- The Dalhart 2SE co-op site in Hartley County saw the lowest weekly average at 43.4°F
- Brownsville South Padre Island International Airport in Cameron County saw the highest weekly average at 66.5°F

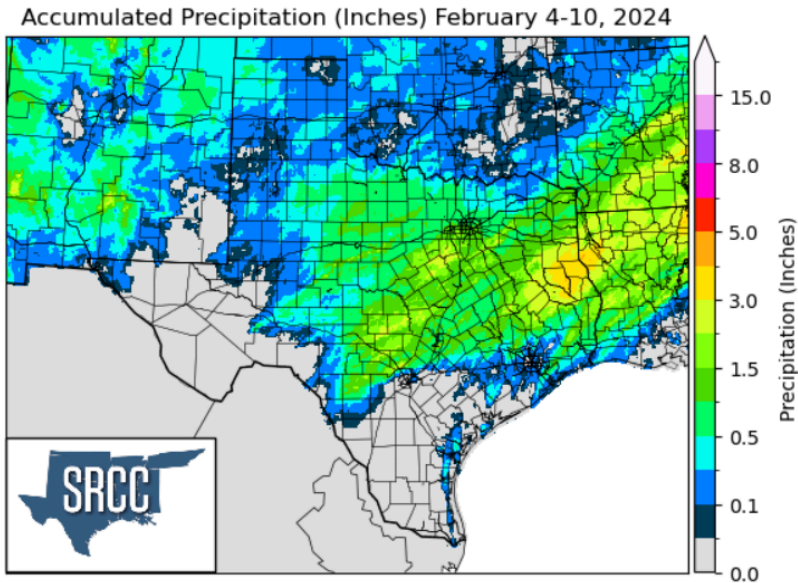


Mean Temp Anomaly (F) February 4-10, 2024 vs 1991-2020 Normals



Precipitation:

A large part of Texas saw appreciable rainfall in the week of February, with lesser totals across most of the Panhandle, the Trans Pecos, and the Rio Grande Valley regions. As discussed above, some of this precipitation was accompanied by severe weather as storms rumbled through at the end of the week. The fairly rapid movement of storms dampened the risk of widespread flooding, however, locally heavy rains did cause minor flooding.



Statewide extremes:

-The hottest recorded temperature of the week was 88°F at the Castolon and Rio Grande Village Co-op sites in Brewster County February 8, 2024 respectively.

-The coldest recorded temperature of the week was 24°F at the Muleshoe 19S WBAN site as well as the Muleshoe National Wildlife Rescue co-op site on January 28, 2024, both in Bailey County .

-The most precipitation recorded in the week of February 4-10, 2024 was 3.92” in the Nacogdoches SCAN station in Nacogdoches County.

-5 stations broke record highs in the week of February 4-10, 2024.

-2 stations broke record lows for the same week.