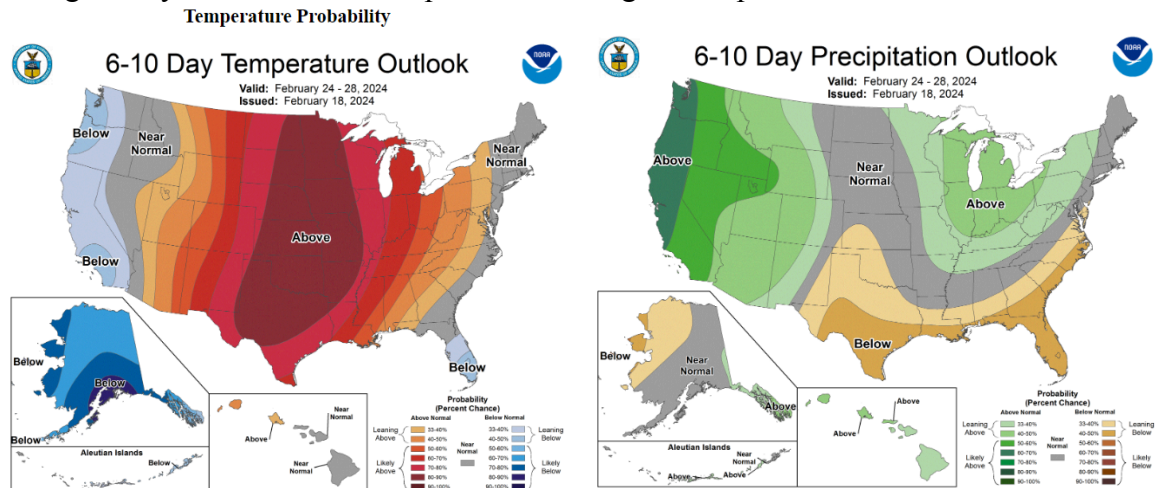


Weekly Climate Summary: 2/11/2024-2/17/2024

Climate in the News:

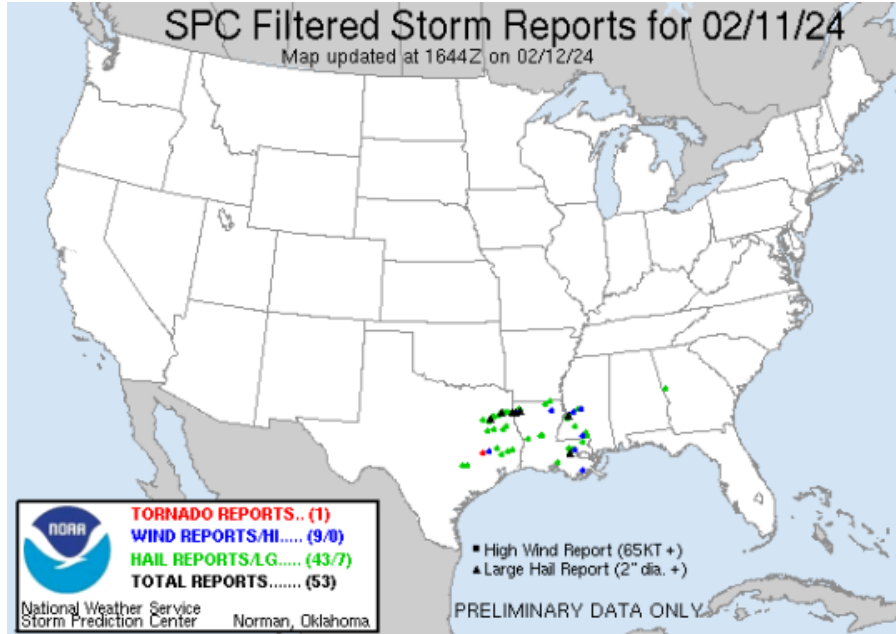
This week kicked off where the week of February 4-10 left off in terms of severe weather. The severe weather event of February 10-11 made for a rocky start for the week of the 11th. For much of the State, the entire week went precipitation free, except for southern Texas, much of the Panhandle, and the eastern rim of the State along with the northern reaches of North Texas. The precipitation in the Panhandle was of particular importance since it was due to a significant snowstorm that affected the region. The week of February 11-17 was also marked by a stark cool down from the mainly above normal temperatures seen most of the week. While on the topic of temperatures, we can take a peek at the Climate Prediction Center's 6-10 day outlook to find that anomalously warm and dry conditions are expected as we conclude February. The colors on the map correspond to *probabilities* of temperatures or precipitation running either above or below average. They are not meant to represent how large the departure is.



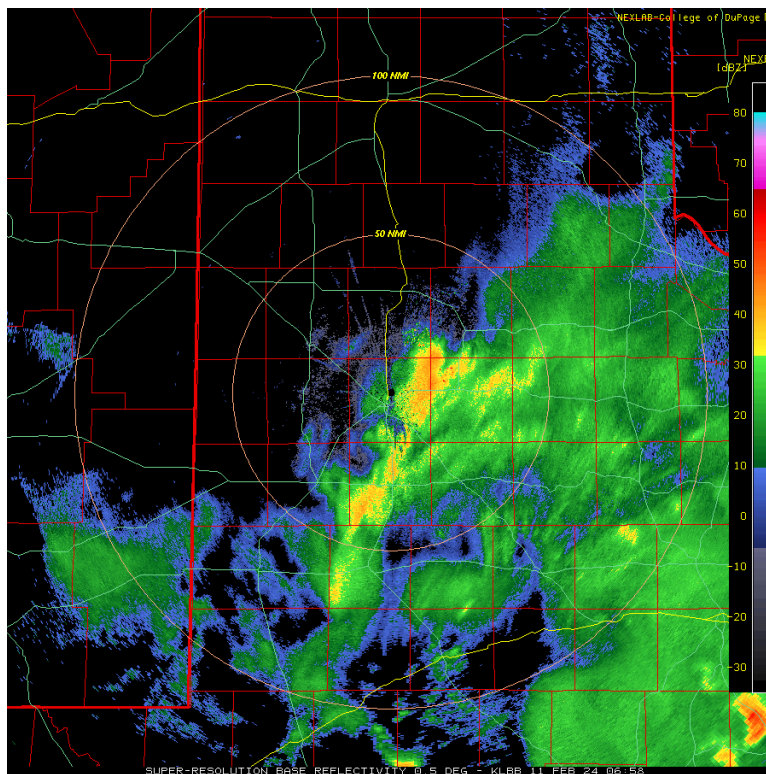
Source: Weather Prediction Center

Weather Synopsis:

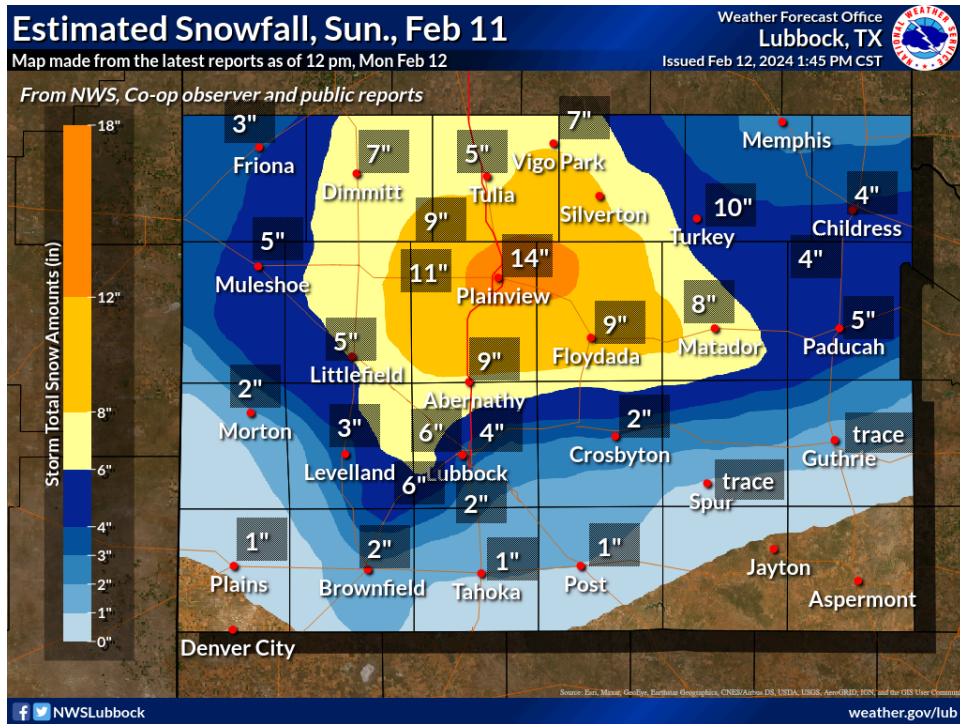
The severe weather event of February 10-11 made for a rough transition into the week of February 11-17. On February 11, 2024, a tornado touched down about two miles north-northwest of Richards, causing minor damage. On this event, February 11, 2024 was the more active of the two, with several hail reports, some significant, being reported by the Storm Prediction Center along with one wind report and the aforementioned tornado report. From severe weather to winter weather, the Texas Panhandle was coated with several inches of snow as a storm system in the Desert Southwest provided the cold atmospheric profile and lift to support snow.



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



Texas also saw its fair share of winter weather on the same day the severe weather rumbled through. Radar reflectivity loop from the Lubbock (KLBB) radar from 12:54 am to 10:52 am on February 11, 2024. Precipitation started off as rain, and transitioned to heavy snow in Lubbock. Radar loop courtesy of NWS Lubbock and College of DuPage.



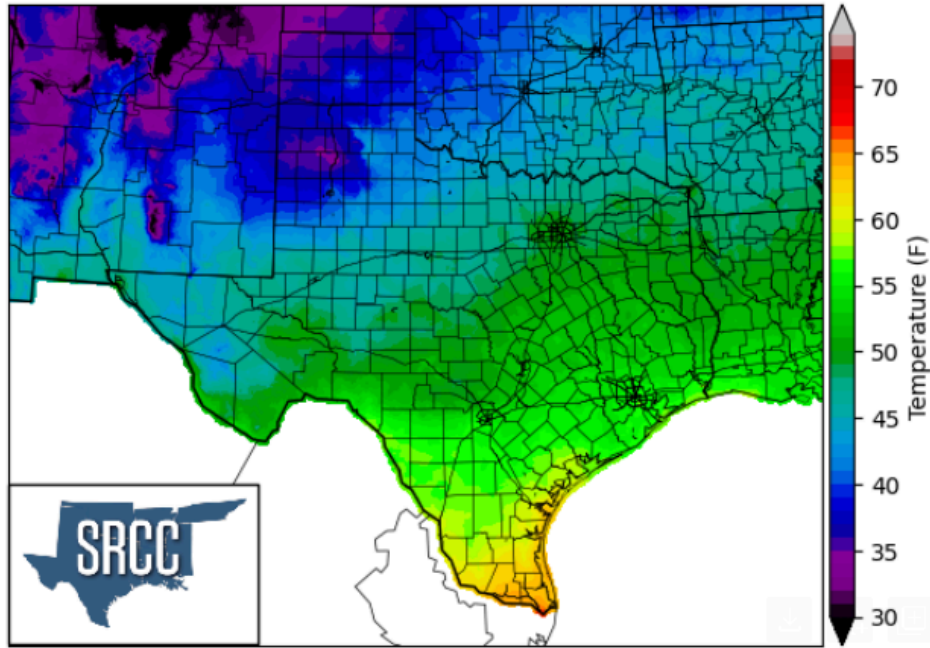
Map showing the snowfall amounts in the NWS Lubbock county warning area. Some areas saw over a foot of snow near Plainview. Courtesy NWS Lubbock

Temperature:

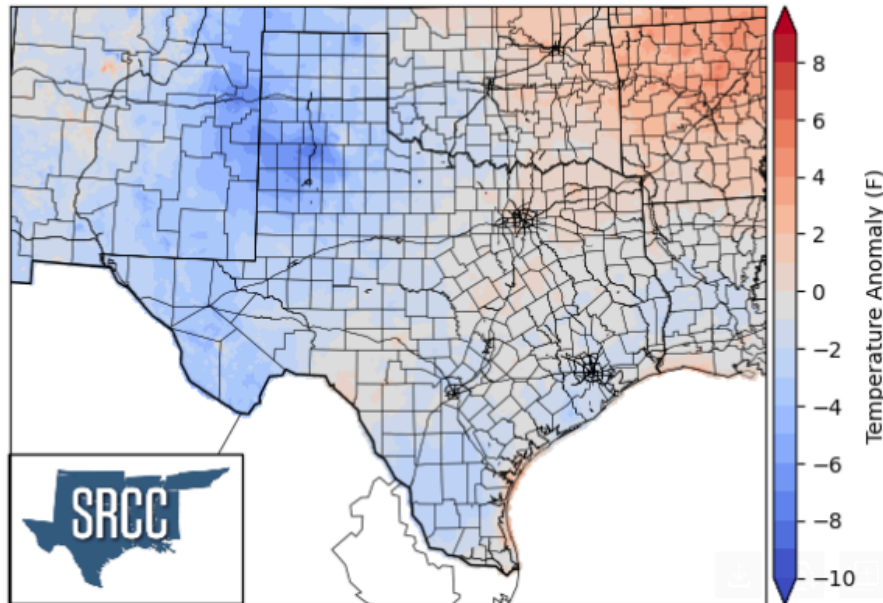
The week of February 11-17 saw temperatures vary throughout the week. The week kicked off with mostly slightly below average temperatures for the State, warming to above normal values, only to conclude with fairly chilly conditions. Most of the State saw average weekly temperatures between 35 and 65°F. The extremes across Texas are as follows.

- The Hart co-op site in Castro County saw the lowest weekly average at 34.6°F
- The Harlingen co-op site in Cameron County saw the highest weekly average at 66.9°F

Average Temperature (F) February 11-17, 2024



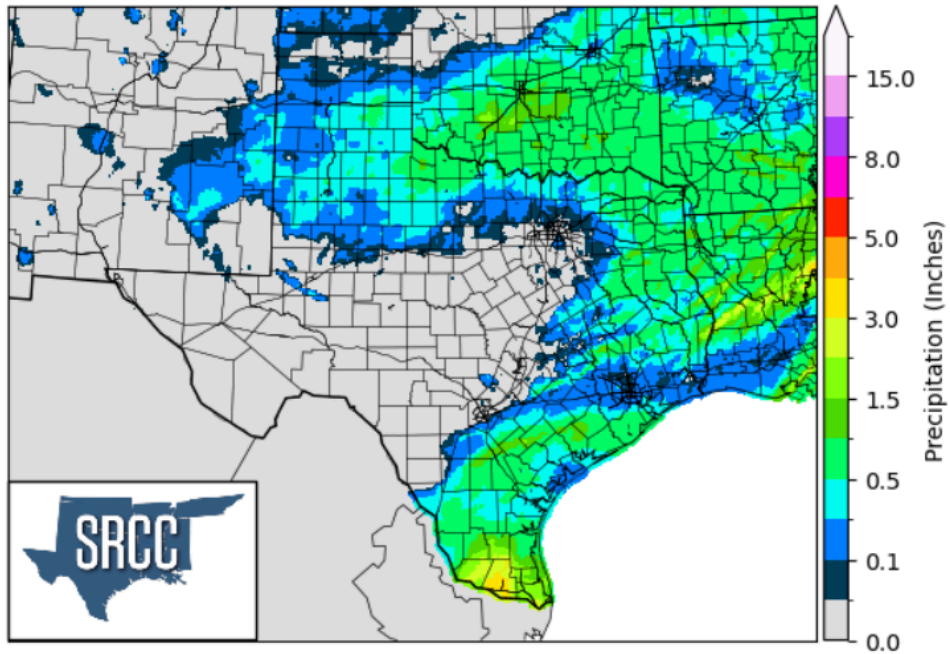
Mean Temp Anomaly (F) February 11-17, 2024 vs 1991-2020 Normals



Precipitation:

Precipitation across the state came in mainly two distinct rounds, the first being involved with the severe storms that rumbled across the State on February 11, 2024. The secondary being associated with the cold front that brought colder conditions to close out the week. The secondary round was mainly concentrated along the Texas coast and south Texas.

Accumulated Precipitation (Inches) February 11-17, 2024



Statewide extremes:

-The hottest recorded temperature of the week was 86°F at the Falcon Dam co-op site in Starr County on February 12, 2024.

-The coldest recorded temperature of the week was 8°F at the Hart co-op site in Castro County on February 12, 2024, the same day the State recorded its hottest temperature.

-The most precipitation recorded in the week of February 11-17, 2024 was 5.34” in the Nacogdoches Arbor Oaks CoCoRahs site in Nacogdoches County.

-4 stations broke or tied record highs in the week of February 11-17, 2024.

-16 stations broke or tied record lows for the same week.