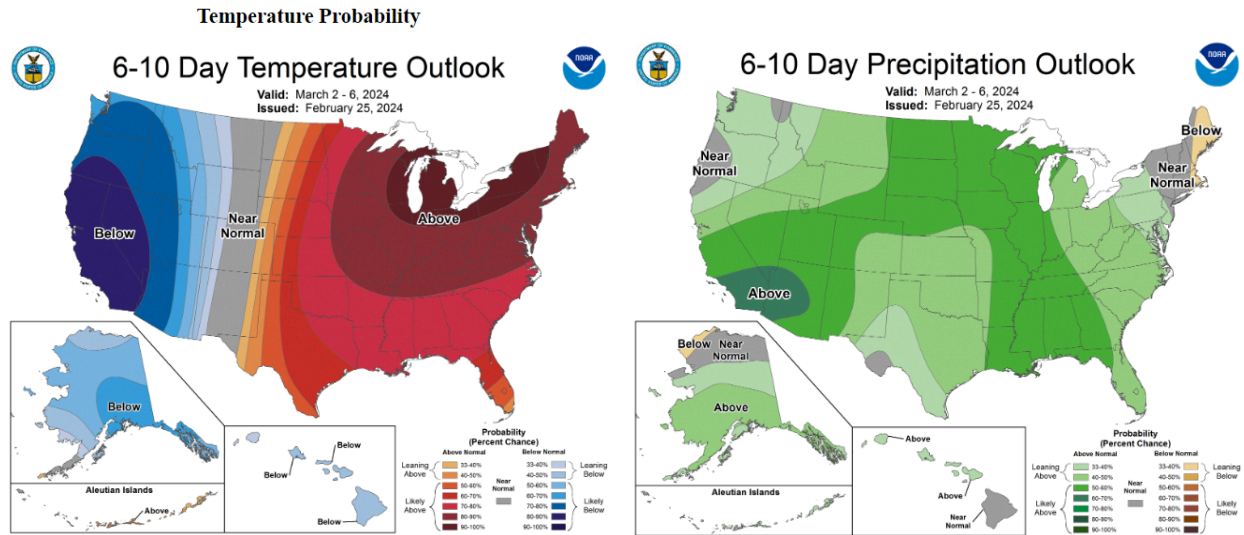


Weekly Climate Summary: 2/18/2024-2/24/2024

Climate in the News:

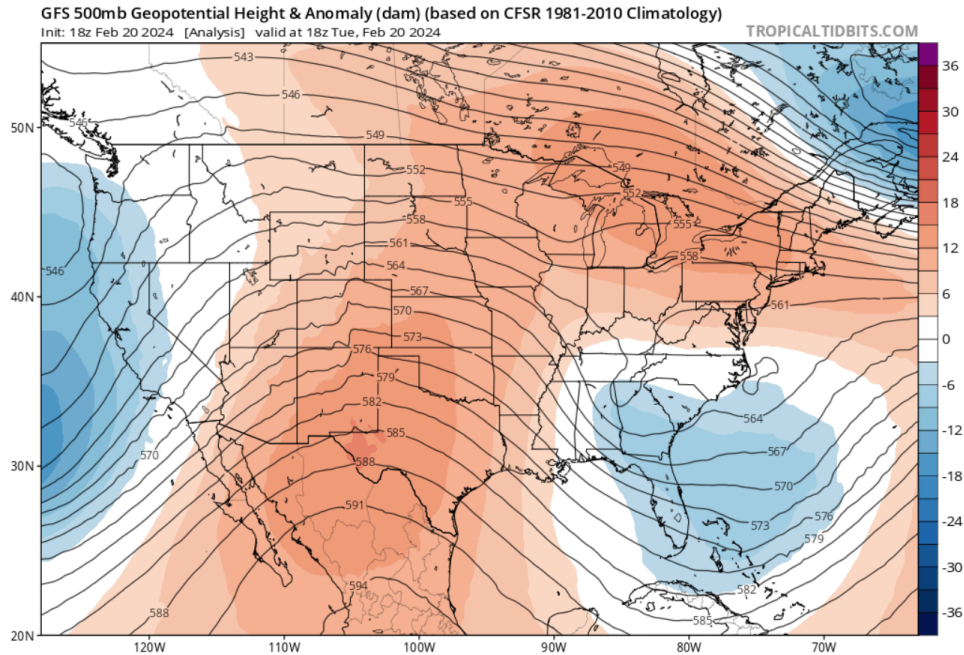
This week has been much more tranquil than the previous two weeks. No severe weather, winter weather, or much precipitation was seen across Texas. When it comes to temperature, the week kicked off with a bit of a chill as departures were about 10-15°F below climatological averages, only to quickly swing to a similar departure, but above normal. A sustained significant warm period throughout the week allowed for weekly average temperatures to be well above normal for almost the whole State. Taking a peek into what the future looks like, we see that continued warmth is in store, with wetter than normal conditions entering the picture.



Source: Weather Prediction Center

Weather Synopsis:

In comparison to the previous two weeks, this week was quite uneventful for Texas. This was mainly due to a ridge in the upper levels of the atmosphere as noted by the inverted U shape in the lines of the following map. This typically leads to clear conditions with warm or hot temperatures. Such a stagnant pattern resulted in a relatively uneventful week for Texas. In other news, It was quite breezy across much of the State, with areas in North and Central Texas seeing wind gusts between 30 and 40 mph, between 40 and 50 mph in the Panhandle, over 50 mph in the windiest parts near the Guadalupe Mountains.



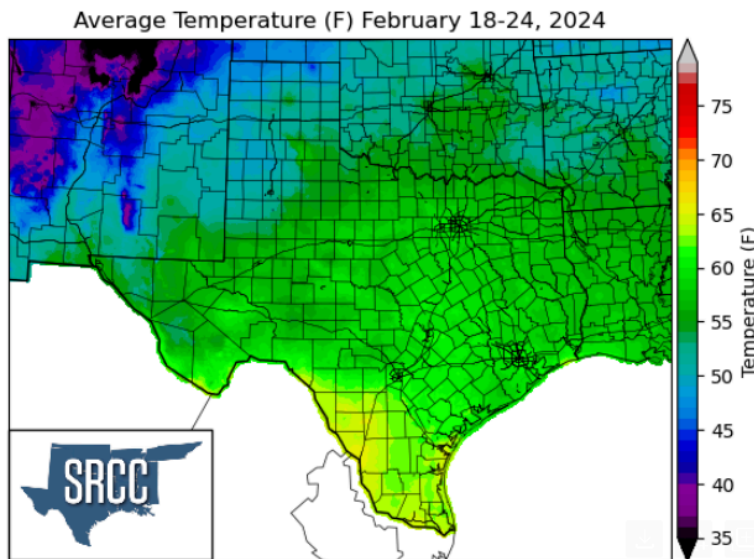
Map showing an analysis of the atmosphere at about 18,000 feet above sea level. The inverted “U” is typical of warm, quiet patterns in the winter.

Courtesy: Tropical Tidbits

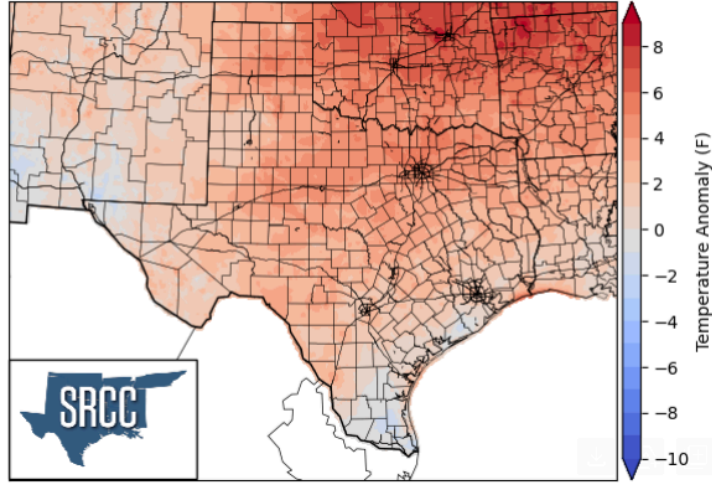
Temperature:

The week of February 18-24 saw temperatures start off below normal, only to quickly warm up for much of the week. The warm-up was sustained until the end of the week, causing most of the State to see well above normal average weekly temperatures between 45 and 65°F. The extremes across Texas are as follows.

- The Hart co-op site in Castro County saw the lowest weekly average at 44.1°F
- Laredo International Airport in Webb County saw the highest weekly average at 66.6°F



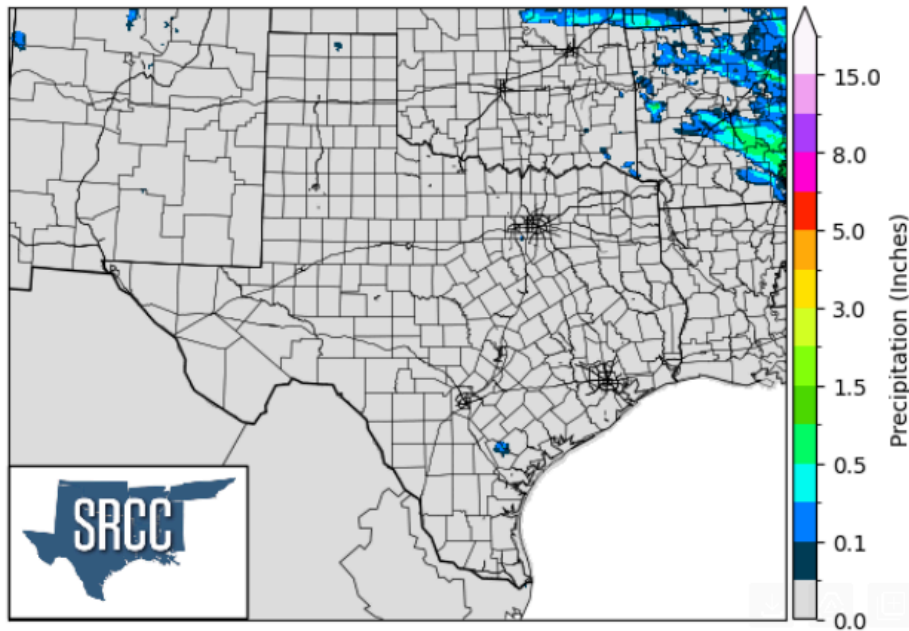
Mean Temp Anomaly (F) February 1-24, 2024 vs 1991-2020 Normals



Precipitation:

The quiet weather pattern kept Texas dry. Only blips of very light totals can be noted across the State.

Accumulated Precipitation (Inches) February 18-24, 2024



Statewide extremes:

-The hottest recorded temperature of the week was 95°F at Lajitas International Airport in Brewster County.

-The coldest recorded temperature of the week was 14°F at the Muleshoe No 1 Co-op site in Bailey County.

-The most precipitation recorded in the week of February 18-24, 2024 was 0.45” in the McAllen 2.4 NE CoCoRaHS site in Hidalgo County. *

-28 stations broke or tied record highs in the week of February 18-24, 2024.

-14 stations broke or tied record lows for the same week.

**The station reported a 0.45” total at 12:01 am on February 18, 2024. This total was likely a total for February 17 and not the 18th, so the total does not show on the map of precipitation totals.*