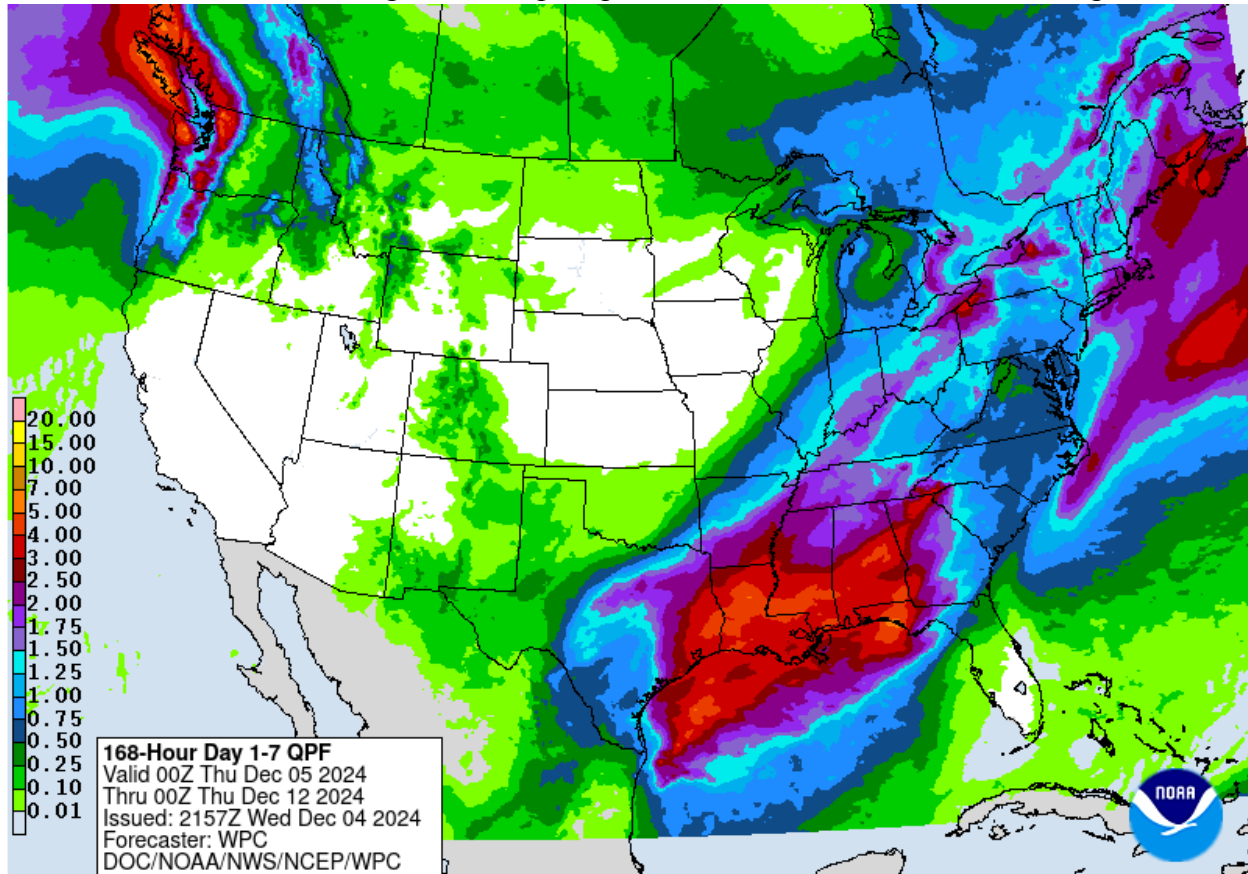


Weekly Climate Summary: 11/24/2024-11/30/2024

I. Climate in the News:

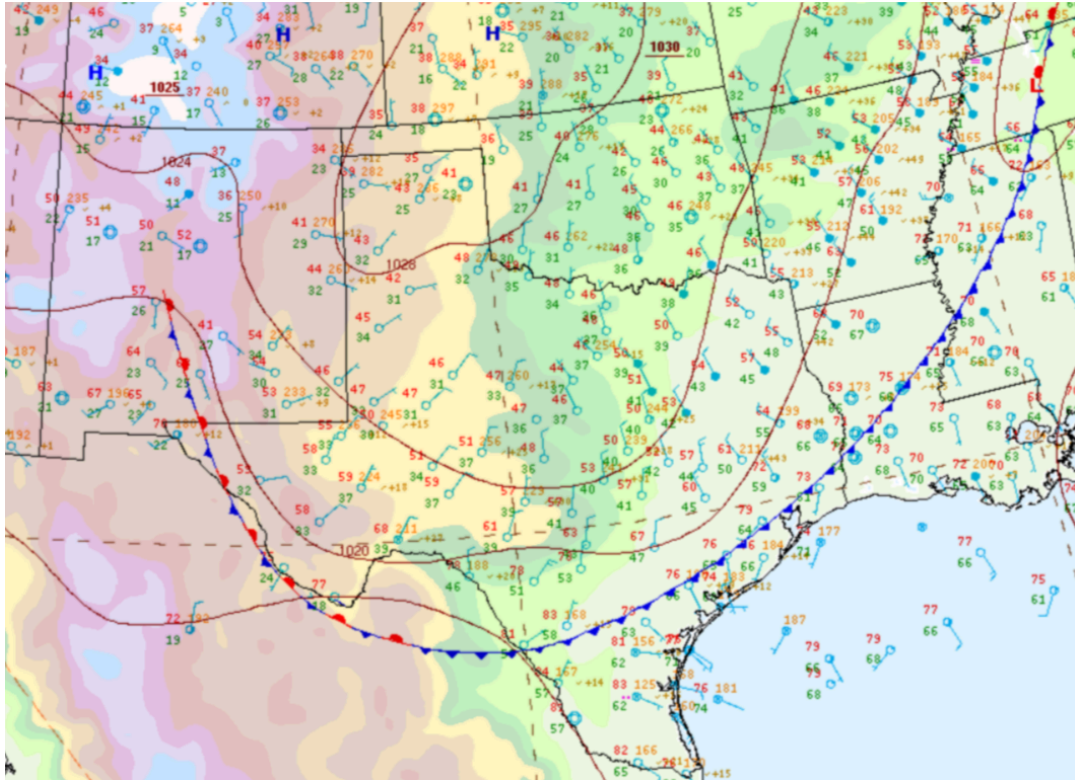
The week of November 24-30 marked a relatively mild and dry end to the month. From a precipitation standpoint, the week was about as quiet as possible, yet from a temperature standpoint, we see that two modifying shots of cooler air invaded the state. The cool-downs served as a way to subdue the positive temperature anomalies so that the week's temperature average was not too drastically above the climate normal. With how dry the final week of November was, it is interesting to see the precipitation outlook for the week following.



Map showing the seven-day precipitation forecast for the United States. Most of Texas looks to at least receive some rain, with parts of East Texas under the gun for totals as high as five inches, a weekly total that is generally what is seen through the whole month of December for many. Map courtesy of the Weather Prediction Center.

II. Weather Synopsis:

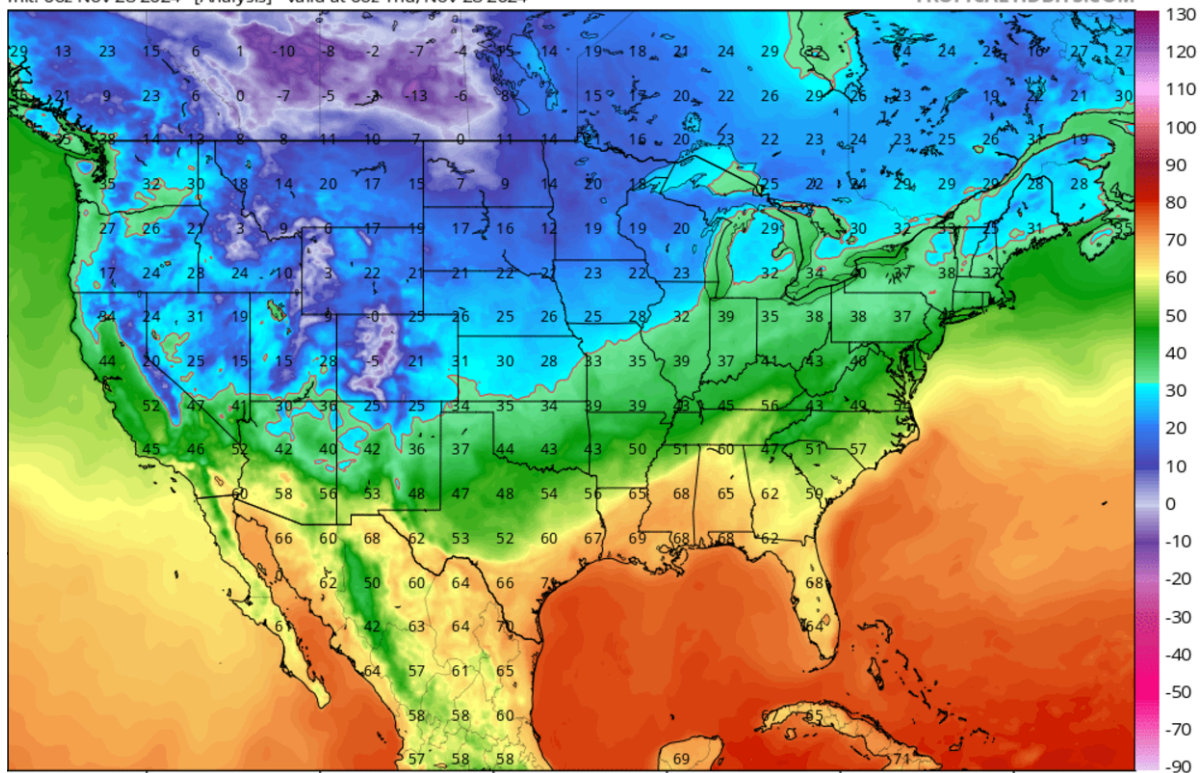
The main focus this week was two frontal boundaries that moved through, bringing gusty winds and cooler temperatures. Dynamics were unfavorable for precipitation with these fronts.



GFS 2-meter Air Temperature (°F)

Init: 06z Nov 28 2024 [Analysis] valid at 06z Thu, Nov 28 2024

TROPICALTIDBITS.COM



Views of the fronts that had an influence on temperatures this week. At top, a cold front moves in on Monday, November 25, at 6 pm CST as seen from the Weather Prediction Center's surface analysis. At bottom, a computer model's rendition of the nationwide temperature shows the

second, more powerful cold front approaching south and southeast Texas at midnight on Thursday, November 28 courtesy of the Global Forecast System and Tropical Tidbits.

III. Temperature:

The last week of November brought temperatures that were not too far off from seasonal average, yet with the accumulation of October's record heat and November's mild nature, fall 2024 ended amongst the hottest autumns on record. A sampler of the 2024's Texas autumn heat is shown below through a few stations:

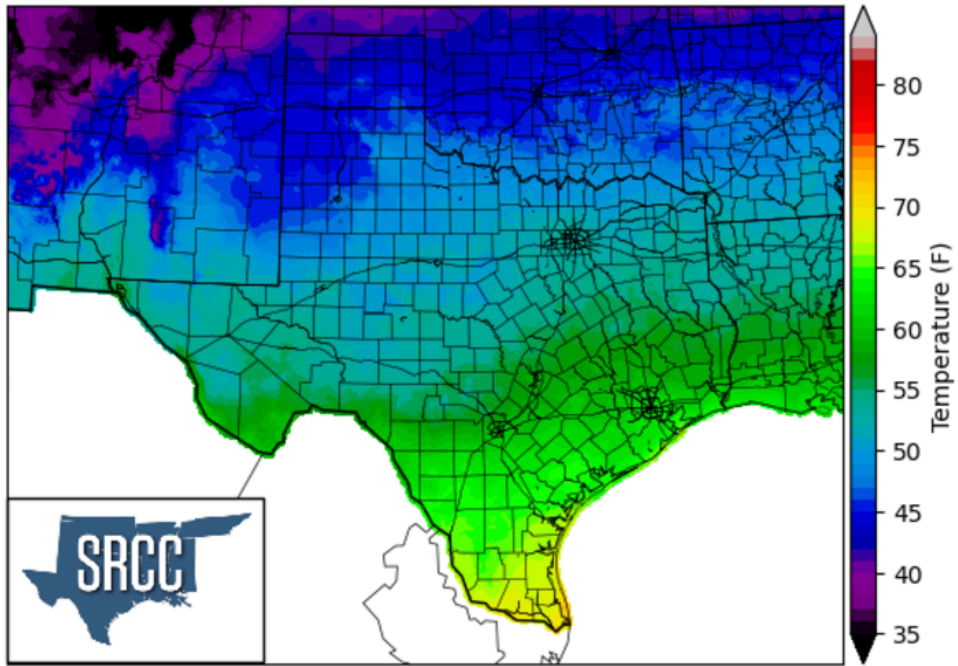
Location	Average Fall 2024 Temperature	Autumn 2024 Rank	Average November 2024 Temperature	November 2024 Rank
Dallas-Fort Worth	72.2°F	3rd Highest	61.7°F	9th Highest
Houston	76.2°F	Highest	69.3°F	2nd Highest
Lubbock	66.4°F	Highest	54.0°F	10th Highest
Austin	75.8°F	Highest	66.0°F	4th Highest
College Station	76.2°F	Highest	67.5°F	2nd Highest

Table summarizing the average temperature for November and the fall of 2024. Though only five locations are listed here, these rankings represent a large portion of the state. Geographically, Southeast Texas has had more consistently warm weather than virtually anywhere across the state.

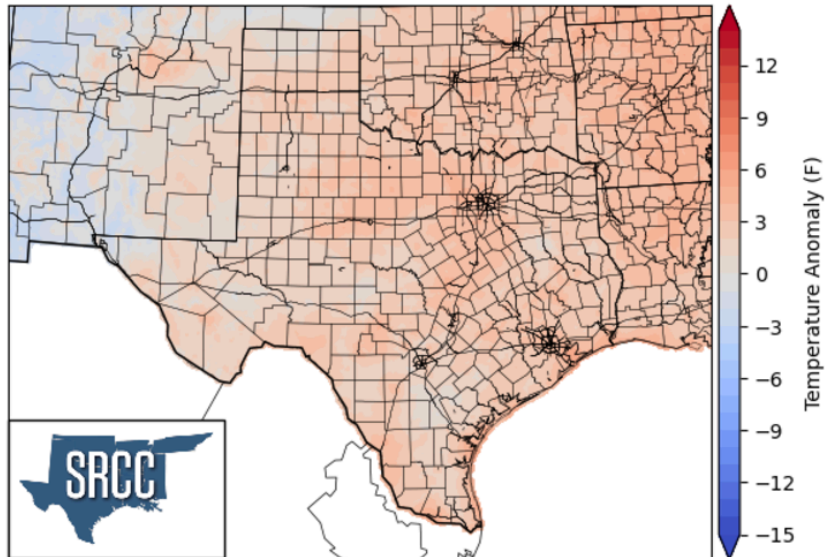
The at-a-glance temperature statistics for Texas for the week of November 24-30 are listed below.

- **41.8°F** - weekly average at the Dalhart FAA Airport site in Dallam County; the coldest in Texas
- **56.2°F** - the weekly average temperature of Texas stations
 - 3.3°F **below** that of the week before
- **71.0°F** - weekly average at the Brownsville South Padre International Airport in Cameron County

Average Temperature (F) November 24-30 2024



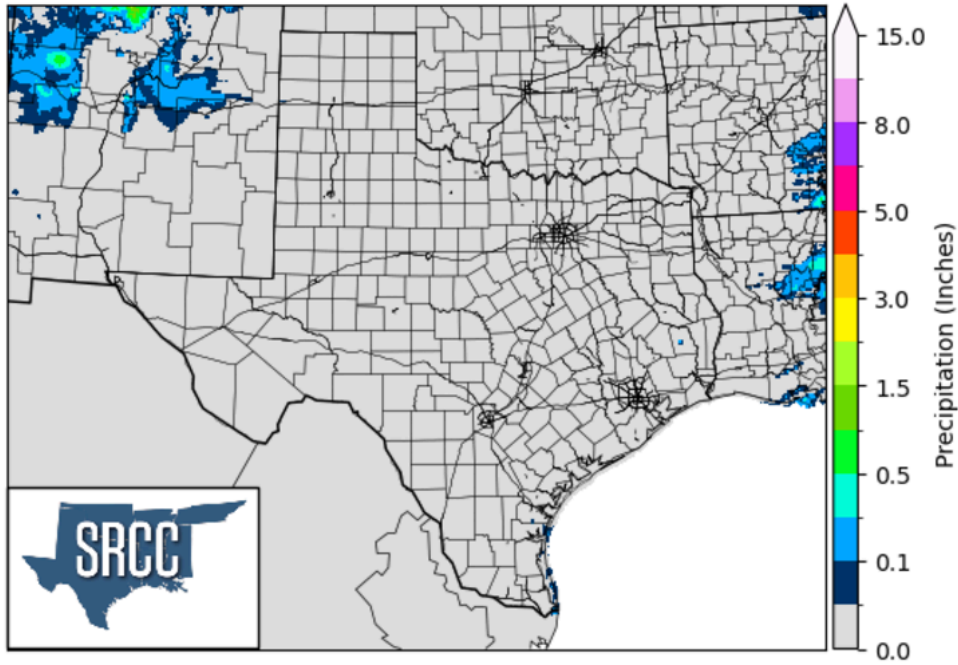
Mean Temperature Anomaly (F) November 17-23, 2024 vs 1991-2020 Normals



IV. Precipitation

Precipitation was virtually non-existent for the week.

Accumulated Precipitation (Inches) November 24-30 2024



Some of last week’s precipitation allowed the drought monitor to improve in areas of the panhandle as it is updated every Tuesday. Areas that missed out on last week’s rain saw some drought degradation as the dry streak continued this week.

Texas

[Home](#) / [Texas](#)

Map released: **Weds. November 27, 2024**

Data valid: November 26, 2024 at 7 a.m. EST

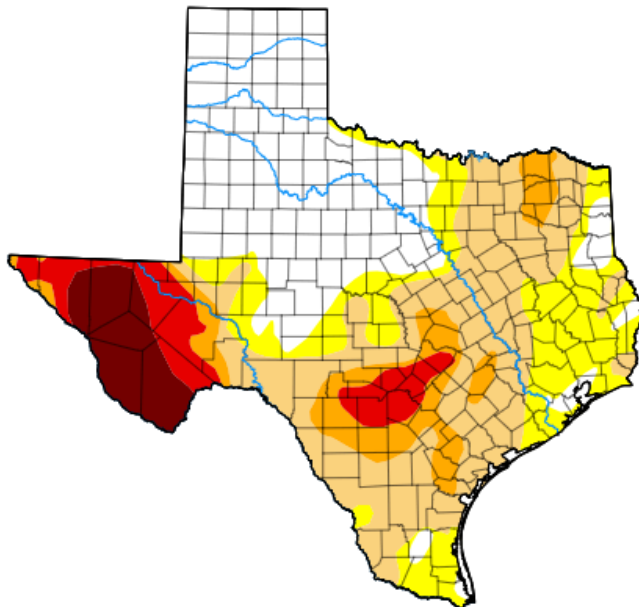
Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

Authors

United States and Puerto Rico Author(s):
[David Simeral](#), Western Regional Climate Center

Pacific Islands and Virgin Islands Author(s):
[Richard Heim](#), NOAA/NCEI



V. Statewide extremes

- The hottest recorded temperature of the week was **93°F** seen at the Freer Co-op site in Duval County on November 26, 2024
- The coldest recorded temperature of the week was **17°F** seen at two Muleshoe sites in Bailey County on November 29, 2024. This is the coldest temperature seen anywhere in the state since February 29, 2024
- The most precipitation recorded in the week of November 24-30, 2024 was **0.66"** at the Port Arthur City Co-op site in Jefferson County
- The rainiest day at any site across the state of Texas was November 30, 2024, when **0.35"** of rain fell at the Port Arthur City Co-op site in Jefferson County