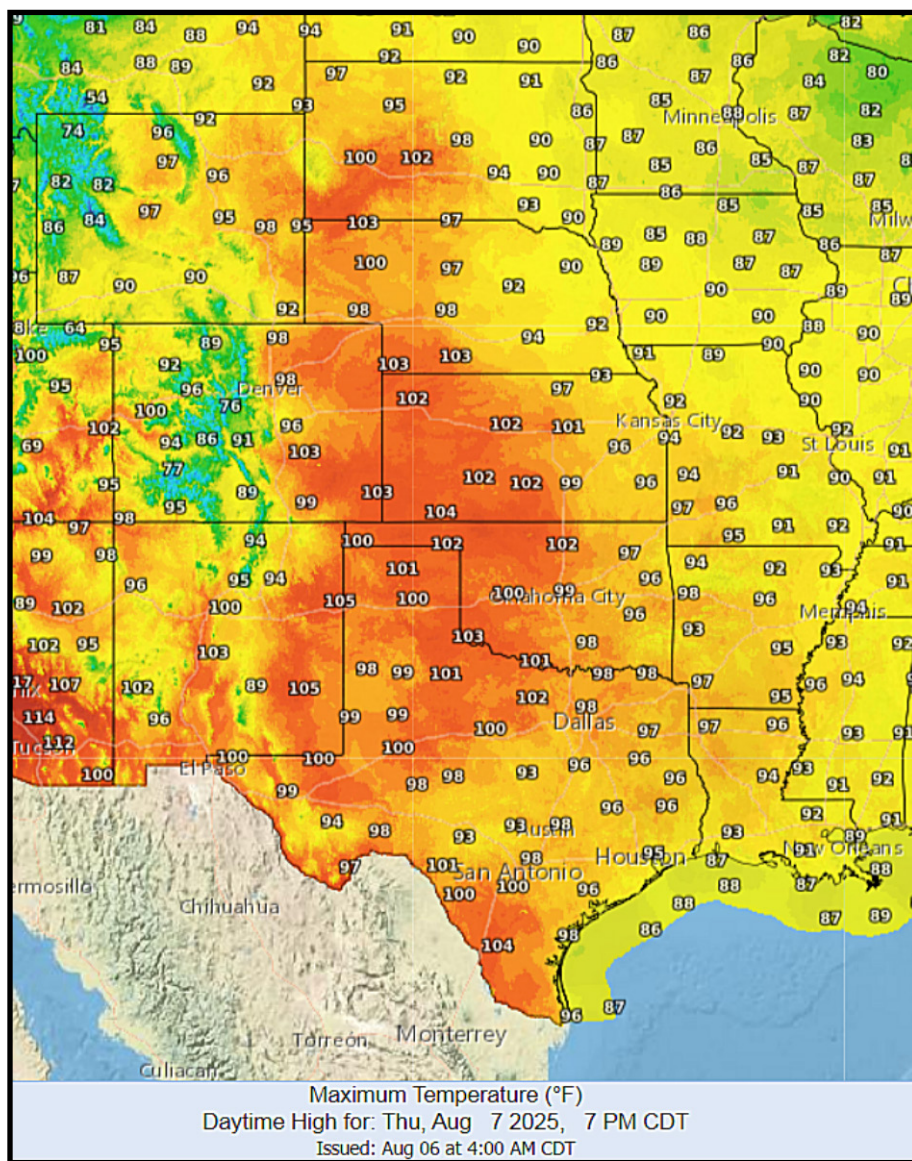


# Central U.S. Heat Unlikely To Go Beyond Plains Until Next Week

By Drew Lerner

Kansas City, August 6 (World Weather Inc.) – **A mini heatwave is evolving across the central and southern Great Plains and it will last into the weekend.** Temperatures of 95-108 degrees are likely with Friday afternoon hottest. The heat will stress livestock and crops while restricting human activity and raising the demand for supplemental cooling fuel. However, **the event will not last long enough to be of much concern and the heat is unlikely to advance very far out of the Great Plains due to a passing cool front late this weekend and early next week.** Strong wind speeds are expected during the heat event. **Next week will bring on another round of excessive heat and this time some of the heat will reach into the Midwest.**



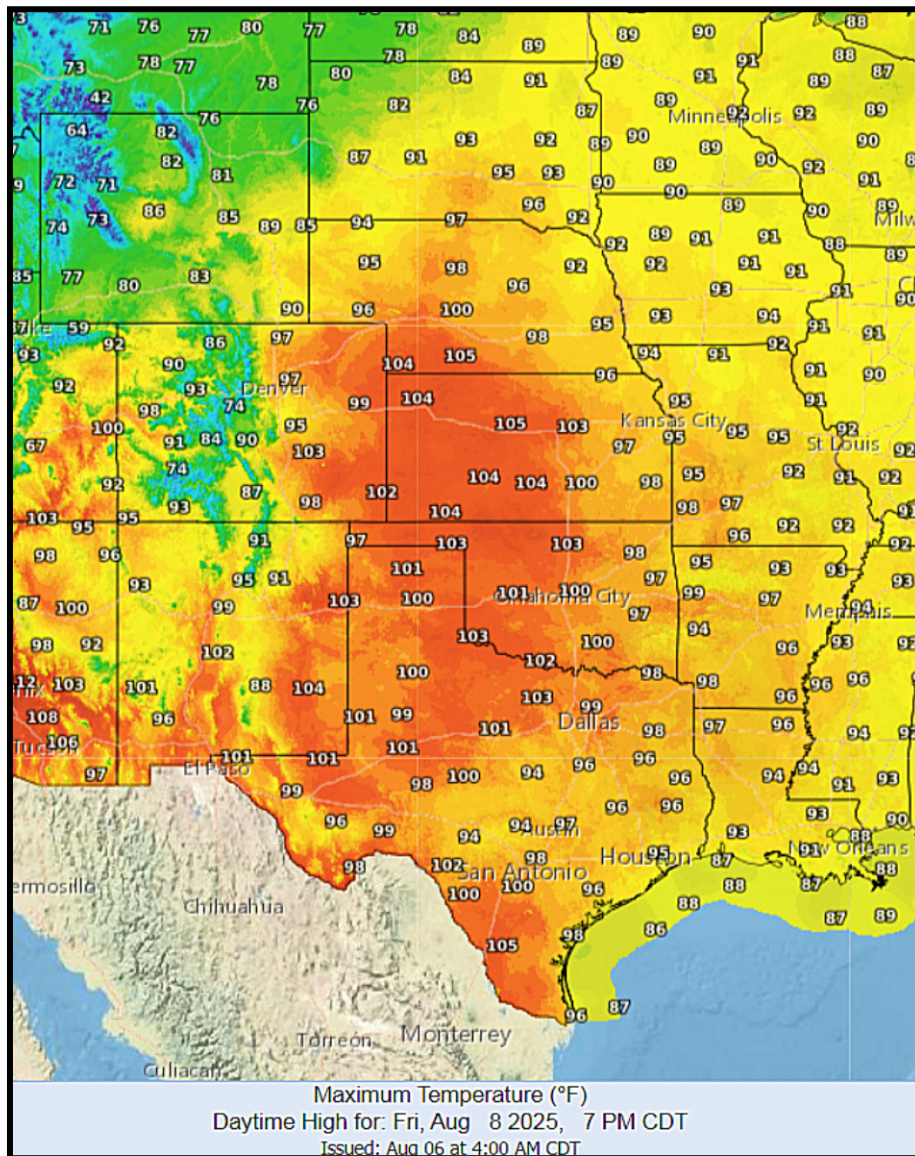
A ridge of high pressure is building up aloft over the central and southern U.S. Plains today and will be responsible for a short term bout of excessive heat from South Dakota to Texas over the next few days. The ridge of high pressure will be knocked down by a significant cool front and associated trough of low pressure moving through the Great Plains this weekend. As a result, the heat is only going to last through Saturday and Friday will be the hottest day.

Highest afternoon temperatures will be in the 90s to 104 degrees this

afternoon and 95 to 106 Fahrenheit Thursday. Friday will be hottest with highs of 98 to 108 degrees and the heat will reach from South Dakota to Texas Thursday and Friday, but will



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be mostly limited to the central and southern Plains today and Saturday. Saturday's highs will cool back to the 80s and 90s with a few readings in the southern Plains still reaching 104.

Relative humidity should be low, but some areas could experience some very high heat indices just ahead of the cooler air on Friday or Saturday. The best news is that the heat will come with sufficient wind to prevent a serious threat to livestock even though the animals will be stressed. Gusty surface wind speeds of 30-50 mph will be possible during the

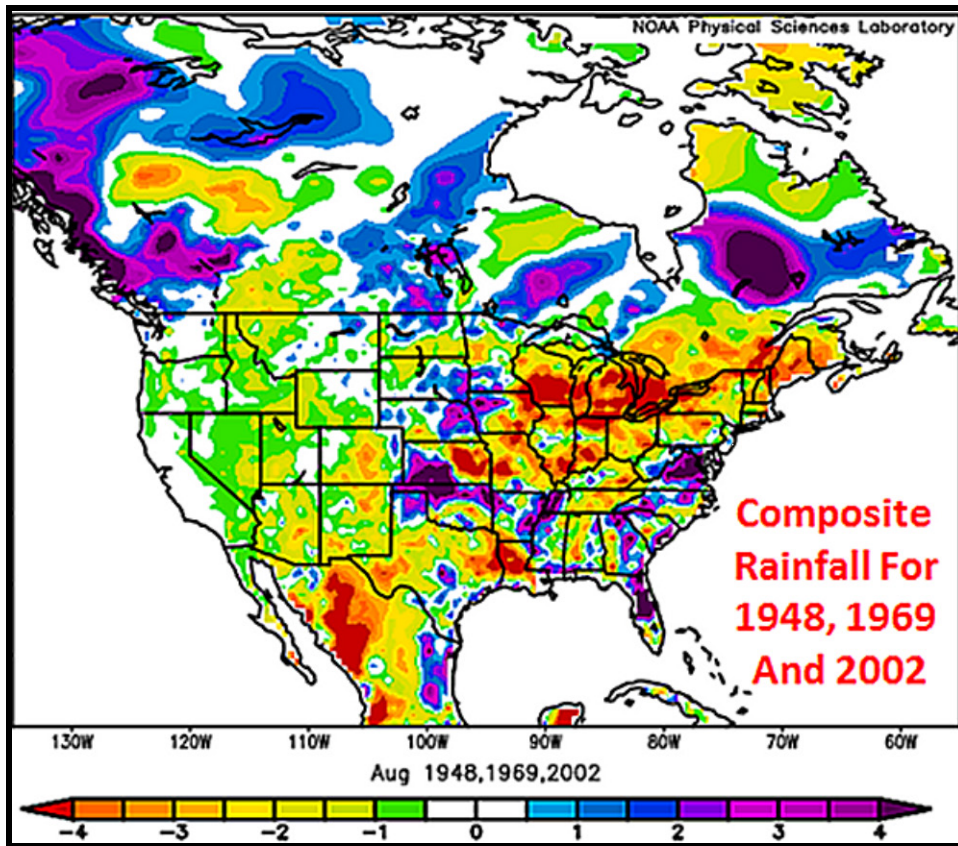
height of the heat wave Thursday and Friday. Some windy conditions will linger in the southeastern Plains and impact a part of the western Midwest Saturday, but the greatest heat should be limited to the southern Great Plains. A few wind gusts might get to 60 mph if the low pressure system to the north becomes a little more intense.

The greatest wind speeds should occur from West Texas to central and eastern Kansas and western Missouri while lighter wind speeds occur in western Kansas and eastern Colorado northward into South Dakota. The heat and humidity may be a bigger problem in South Dakota and Nebraska as well as from Iowa through Missouri and eastern Kansas to eastern Texas and the Delta.

Cooling should occur in the great Plains Saturday afternoon into Monday night, but a return of warmer weather is likely in the Plains again during the middle part of next week and that is when some of the Midwest could be impacted by warmer weather to accelerate drying conditions. World Weather, Inc. believes rainfall may be restricted in the lower eastern Midwest, Delta and Tennessee River Basin over the next week to ten

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days possibly leading to accelerated drying and concern over crop conditions. The Delta and Tennessee River Basin are already quite dry and some of the drying may shift to the north as a result of the weather change coming.



The above graphic comes from a special situation article written by World Weather, Inc. August 1 entitled “July Weather Parallel Suggests Less East U.S. Midwest Aug. Rain”. In that article it was speculated that the eastern Midwest “may” have a drier August than what some were expecting previously.

Contact us at [worldweather@bizkc.rr.com](mailto:worldweather@bizkc.rr.com) to see the full article.

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