

CONSERVE. PROTECT. LEAD.



Texas Fire Potential Update

May 10th – May 15th, 2024

Texas A&M Forest Service Predictive Services

Fire Potential Notes May 10th- May 15th, 2024

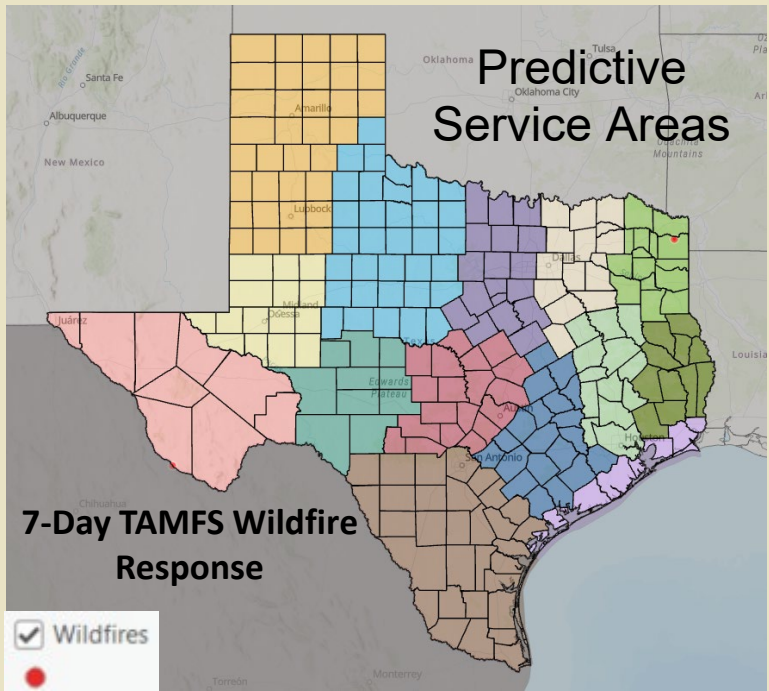


- Increased opportunities for rainfall beginning Friday will increase fuel moisture and limit wildfire potential through Saturday. Warm and dry conditions will return to the Trans Pecos PSA beginning Sunday but will be mitigated by improved fuel moistures. Pockets of dry fuel may re-emerge in the Trans Pecos moving into next week, however fire potential should remain low.
- Deep South Texas is forecast to miss the forecast rainfall. Warm and dry conditions will continue to fade grasses to back to transitional green into next week. Near normal fuel moistures and limited fire weather will keep fire potential low.
- Northern areas of the High Plains with underlying dryness will have significant improvements in fuel moistures by Sunday due to forecast rainfall and may activate additional green up of grasses.

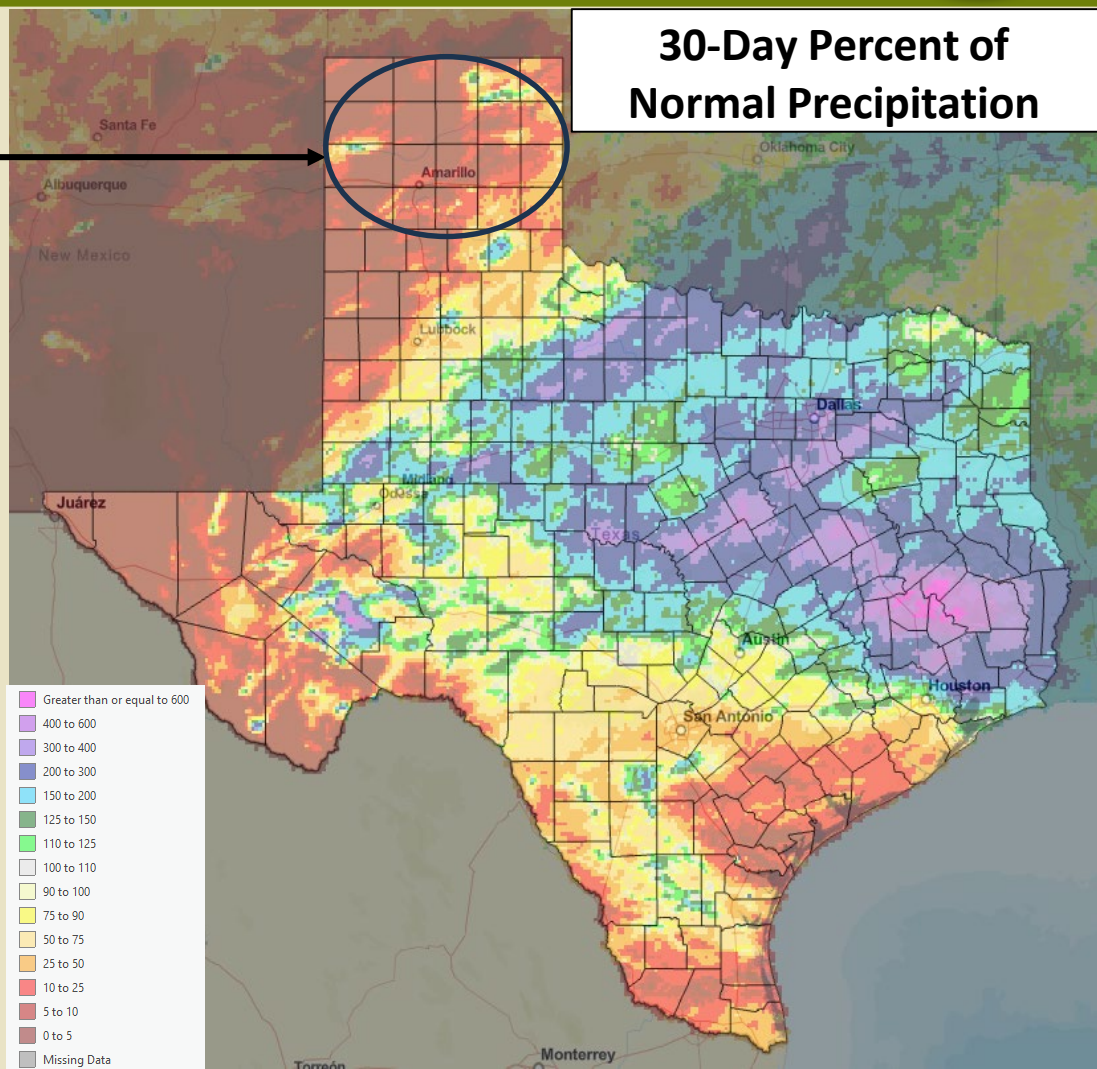
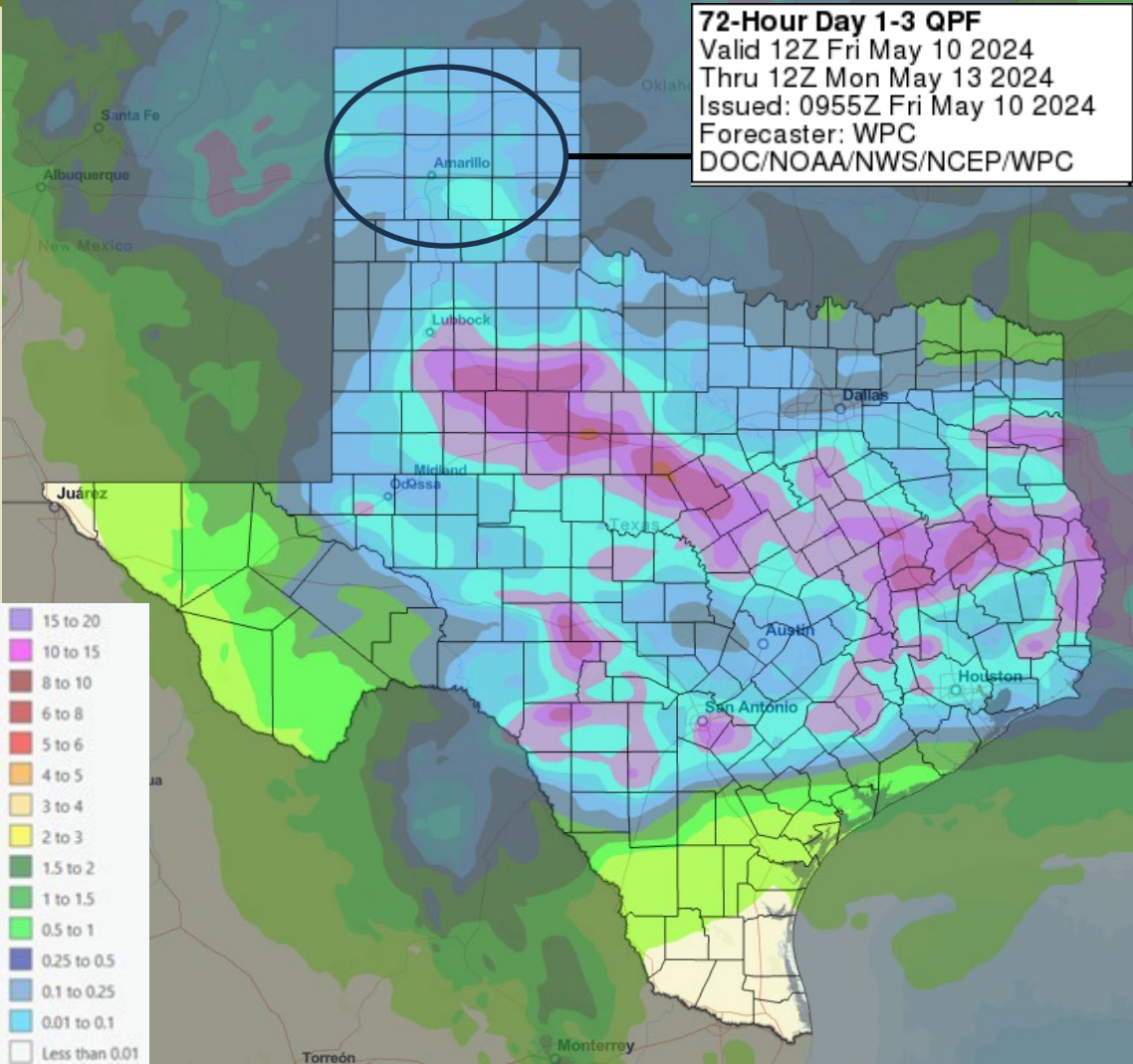
A continued trend of low fire activity is expected into next week due to widespread wetting rainfall or improved fuel moistures.



April 15th-May 9th, 2024 Daily Texas A&M Forest Service Wildfire Response by Predictive Service Area



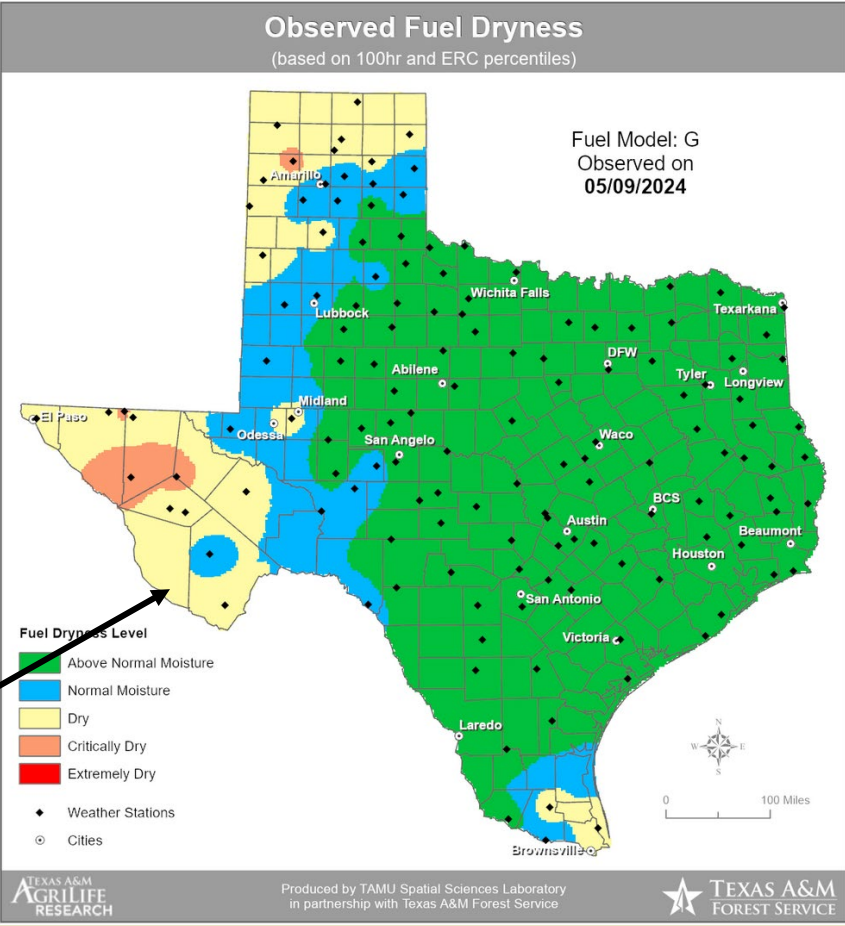
Forecast rainfall in the High Plains this weekend should significantly improve fuel moistures and activate green up in areas that have missed previous rain events.



The Redford East Fire is a small initial attack fire occurred near the Rio Grand River in Presidio County. Resistance to control was low due to sparse fuels. Nearby MesoWest weather observations from at Lajitas International airport of 100°F, 9% relative humidity and northwest winds at 15mph aligned with dry fuels.

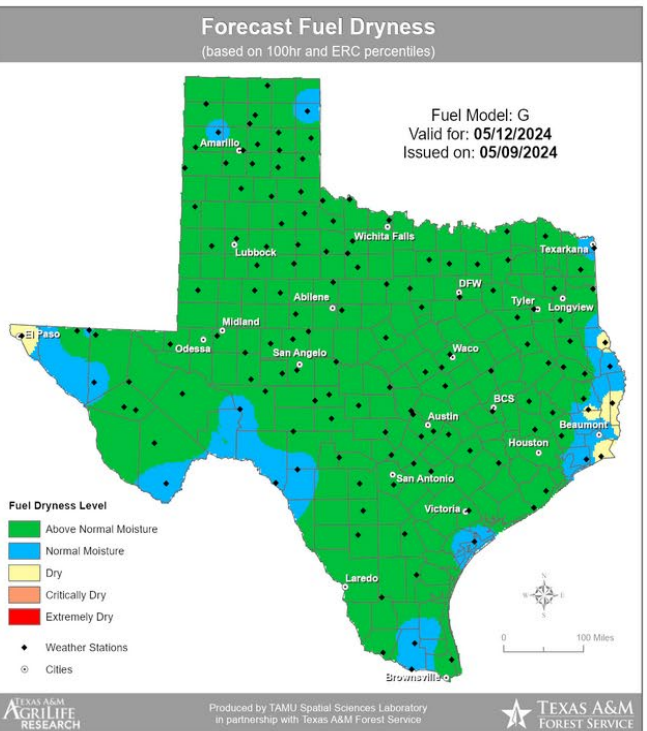
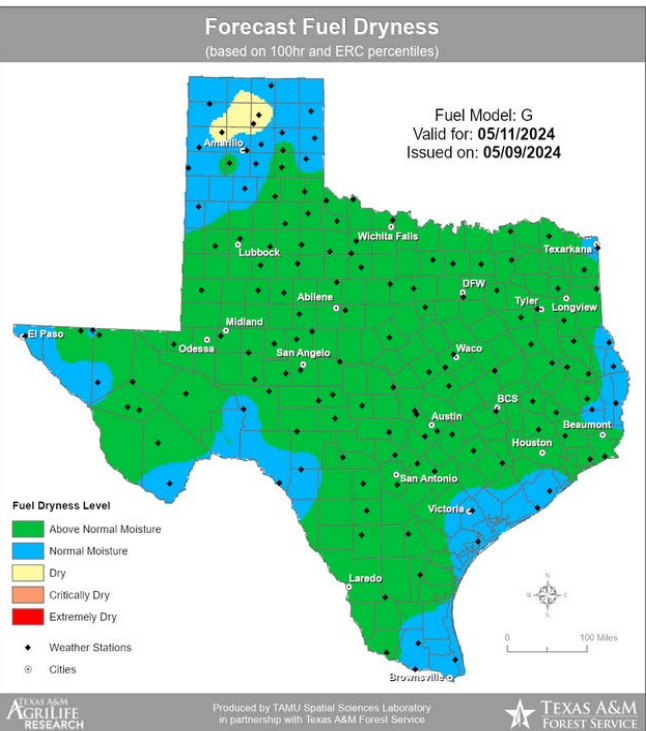
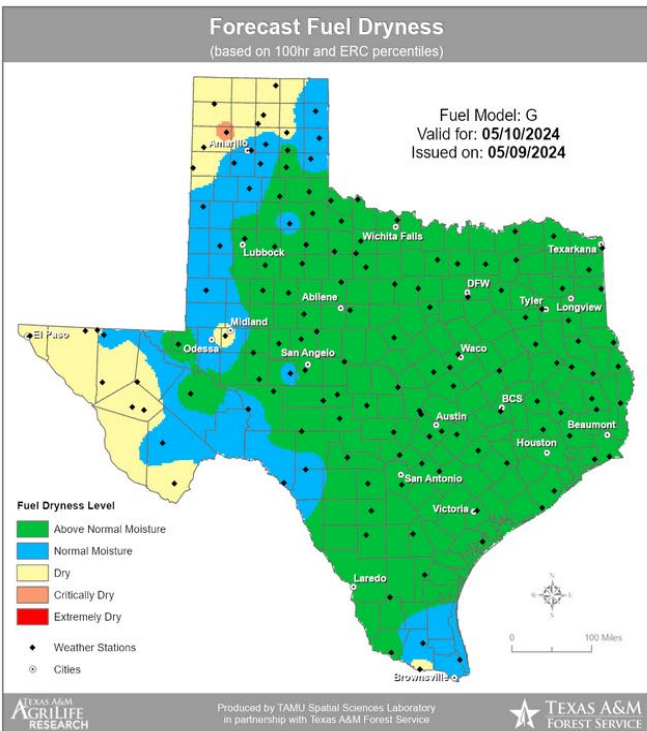
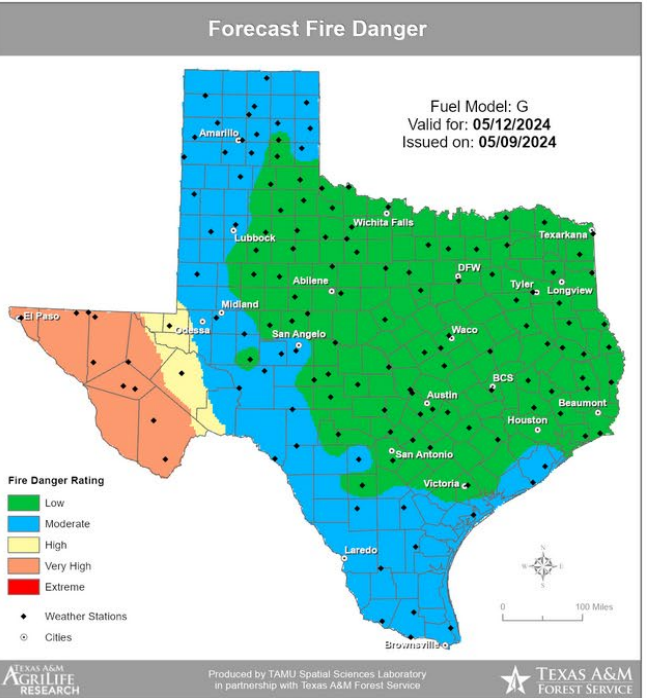
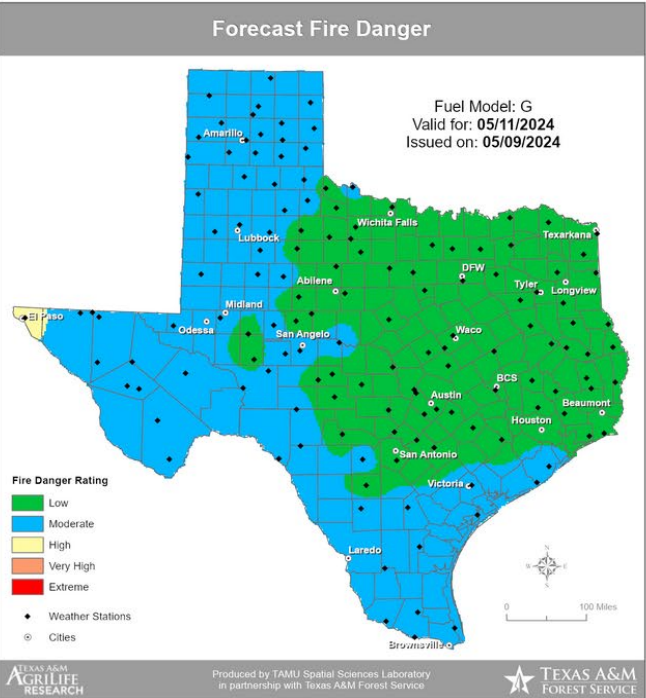
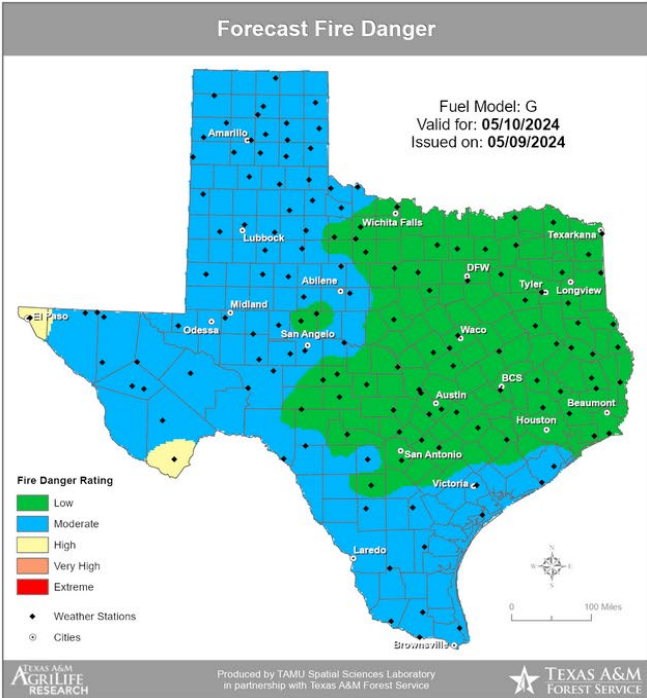


Redford East Fire Presidio County
5/09/2024

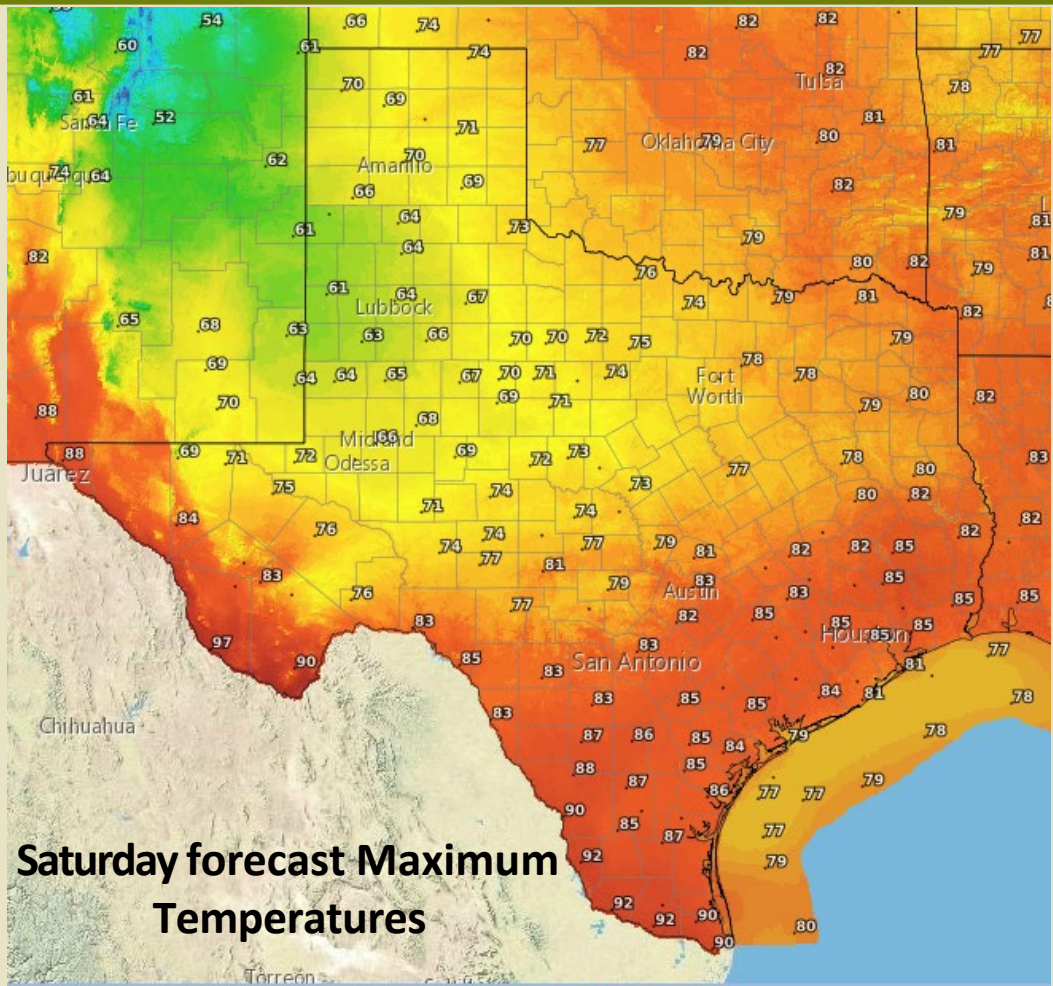




Improved fuel moistures from forecast rainfall Friday and Saturday will mitigate the high to very high fire danger displayed on Sunday's map.

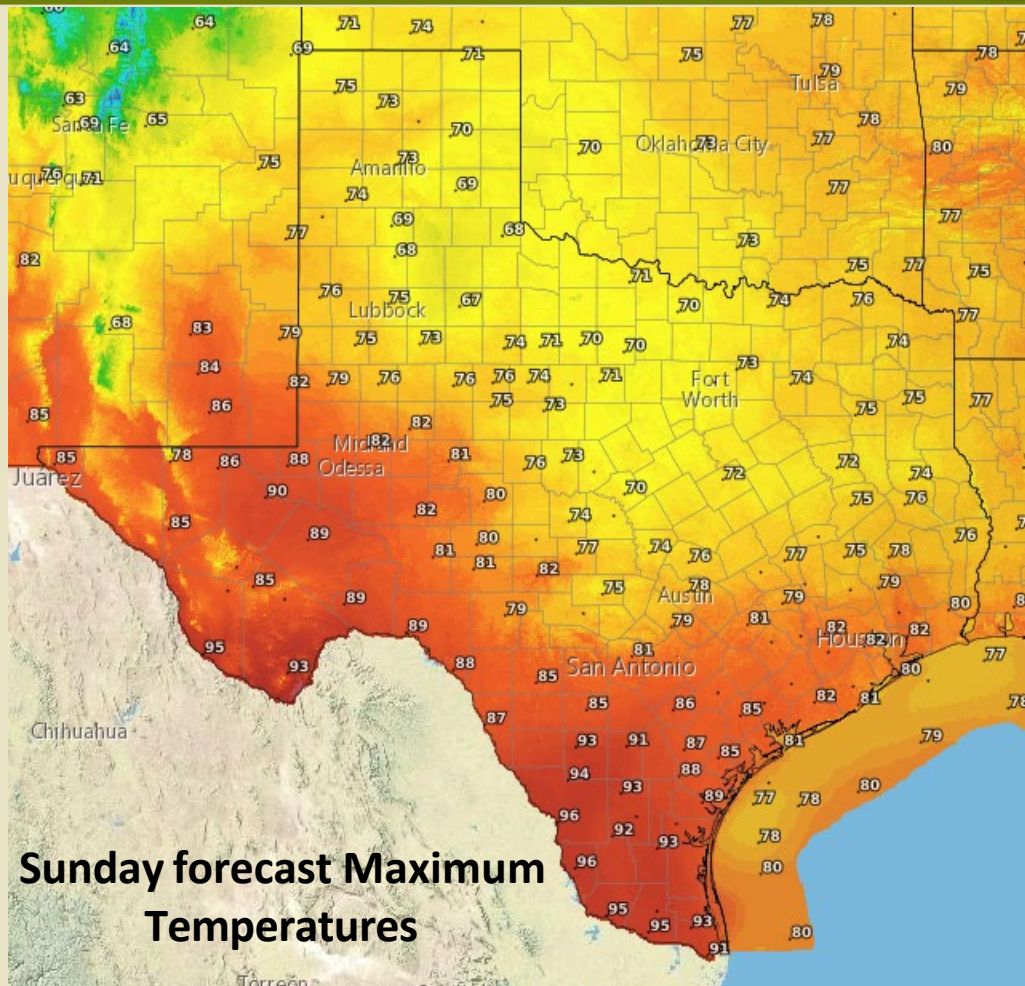


Cooler temperatures forecast this weekend following Friday's cold front will help limit wildfire potential.



Saturday forecast Maximum Temperatures

Maximum Temperature (°F)
Daytime High for: Sat, May 11 2024, 7 PM CDT
Issued: May 10 at 10:30 AM CDT



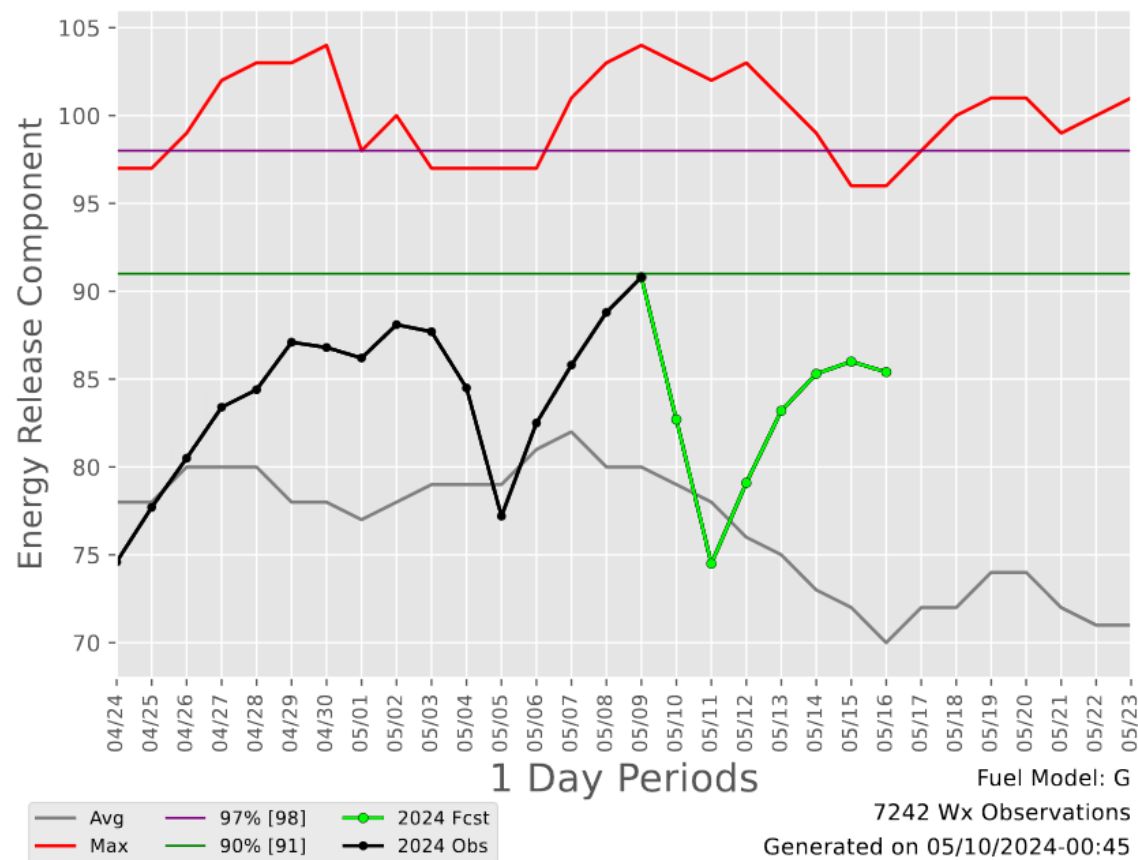
Sunday forecast Maximum Temperatures

Maximum Temperature (°F)
Daytime High for: Sun, May 12 2024, 7 PM CDT
Issued: May 10 at 10:30 AM CDT

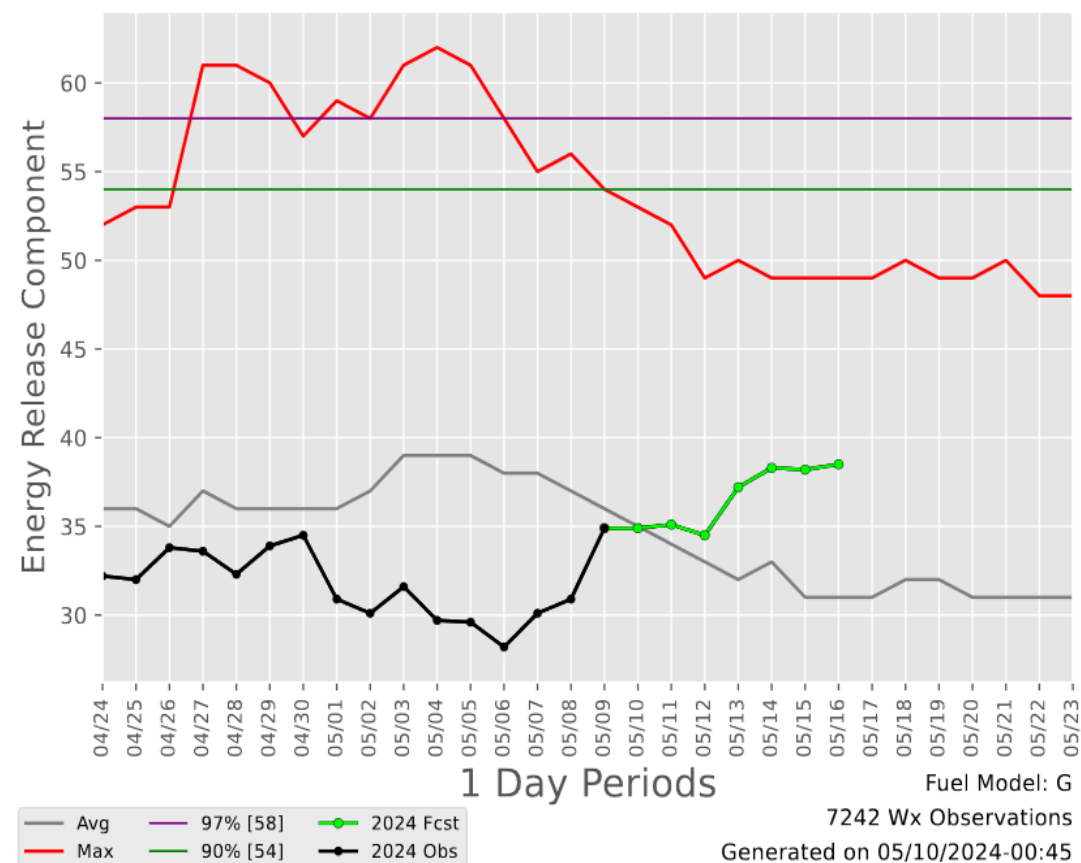
Trans Pecos ERC values quickly drop in response to forecast rainfall and will quickly rebound as warm and dry conditions return beginning Sunday. South Texas ERC values will remain near or slightly above seasonal averages over the next 7 days as the environment remains warm and dry.



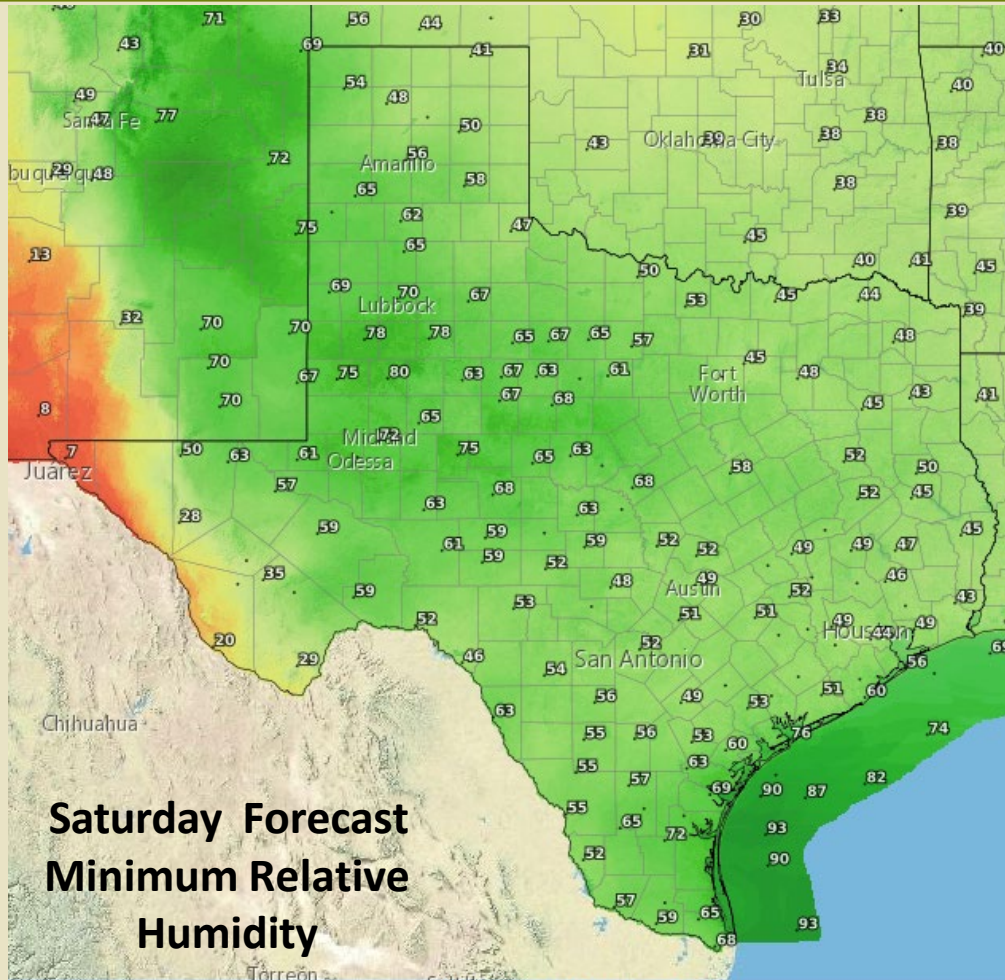
TRANS PECOS Predictive Service Area
2007-2024 - 30 Day Depiction



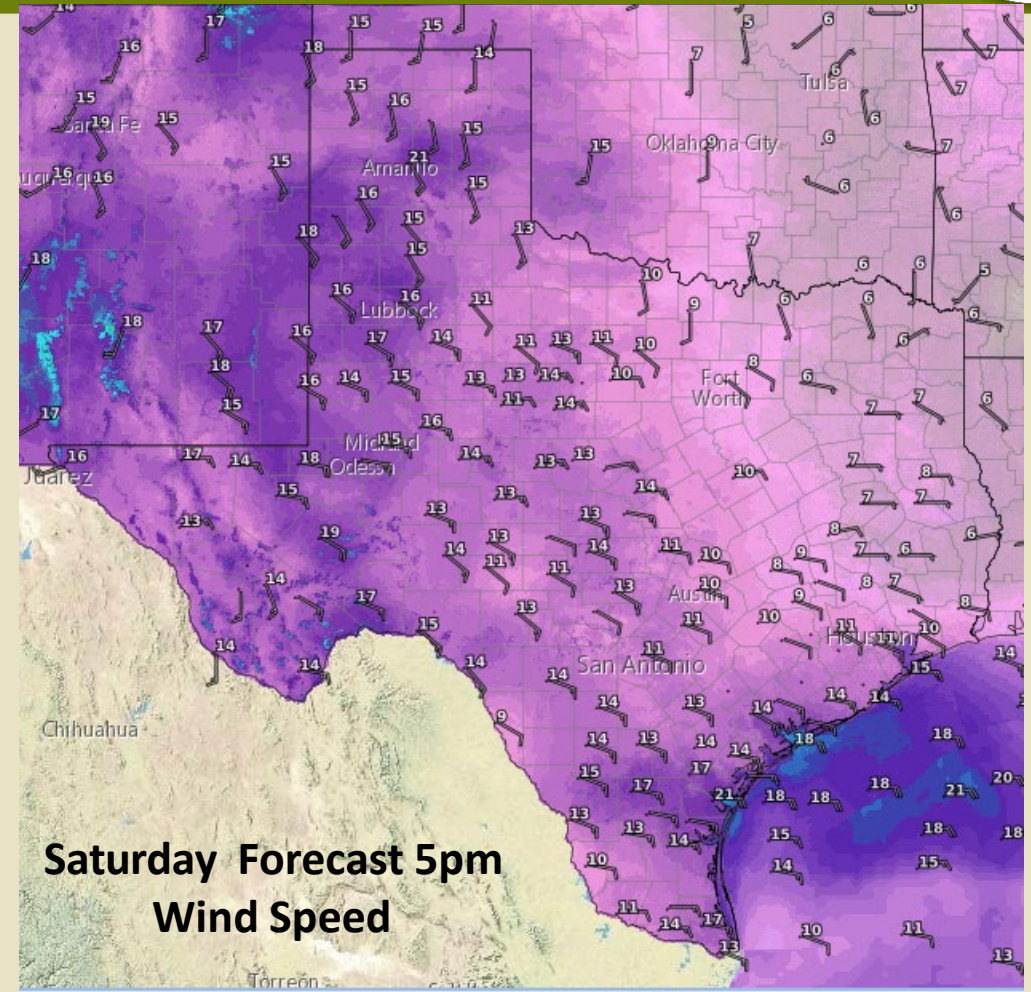
SOUTH TEXAS Predictive Service Area
2007-2024 - 30 Day Depiction



Above average relative humidities, excellent overnight moisture recoveries, and windspeeds <20mph will contribute to very limited wildfire potential Saturday.

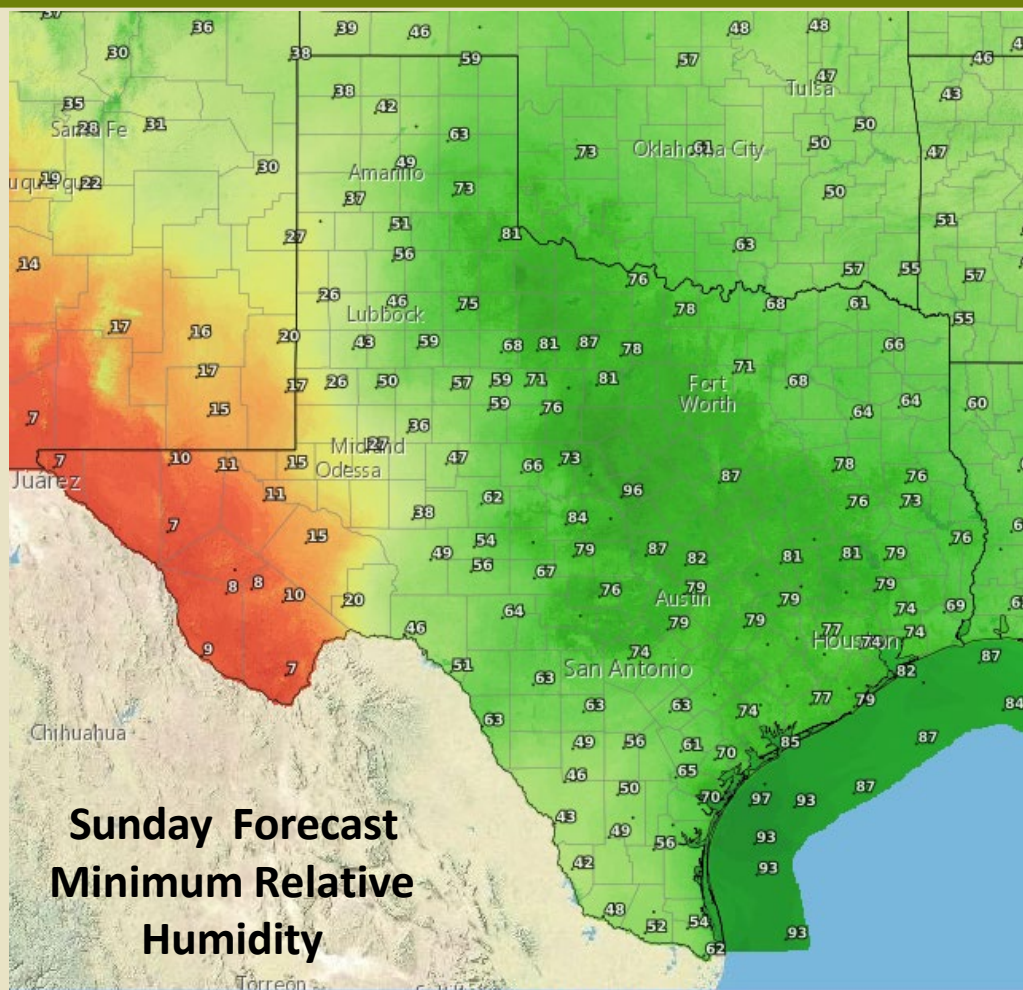


Minimum Relative Humidity (%)
12 hours ending at: Sun, May 12, 2024, 1 AM CDT
Issued: May 10 at 10:30 AM CDT



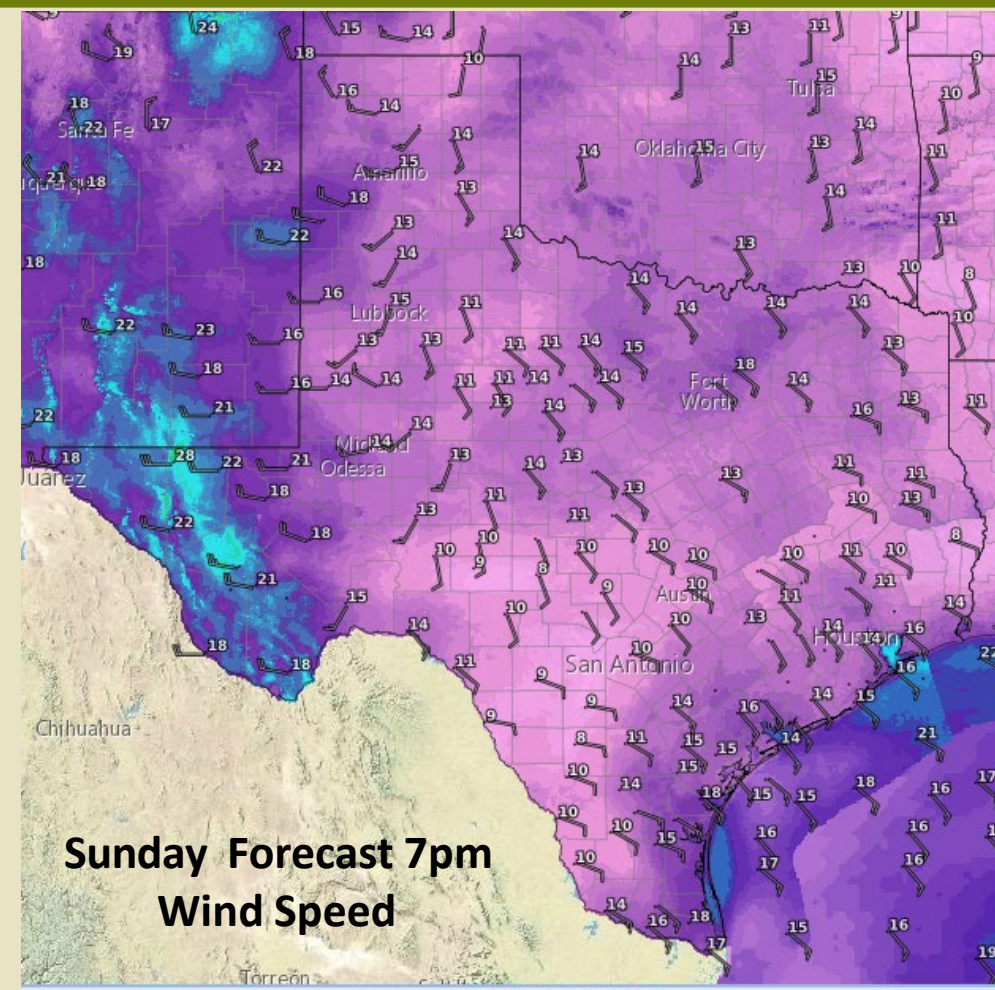
Wind Speed (mph)
Valid at: Sat, May 11, 2024, 5 PM CDT
Issued: May 10 at 10:30 AM CDT

Single digit relative humidities and higher windspeeds will return to the Trans Pecos on Sunday. Excellent moisture recoveries from the previous day and improved fuel moistures will keep fire potential low.



**Sunday Forecast
Minimum Relative
Humidity**

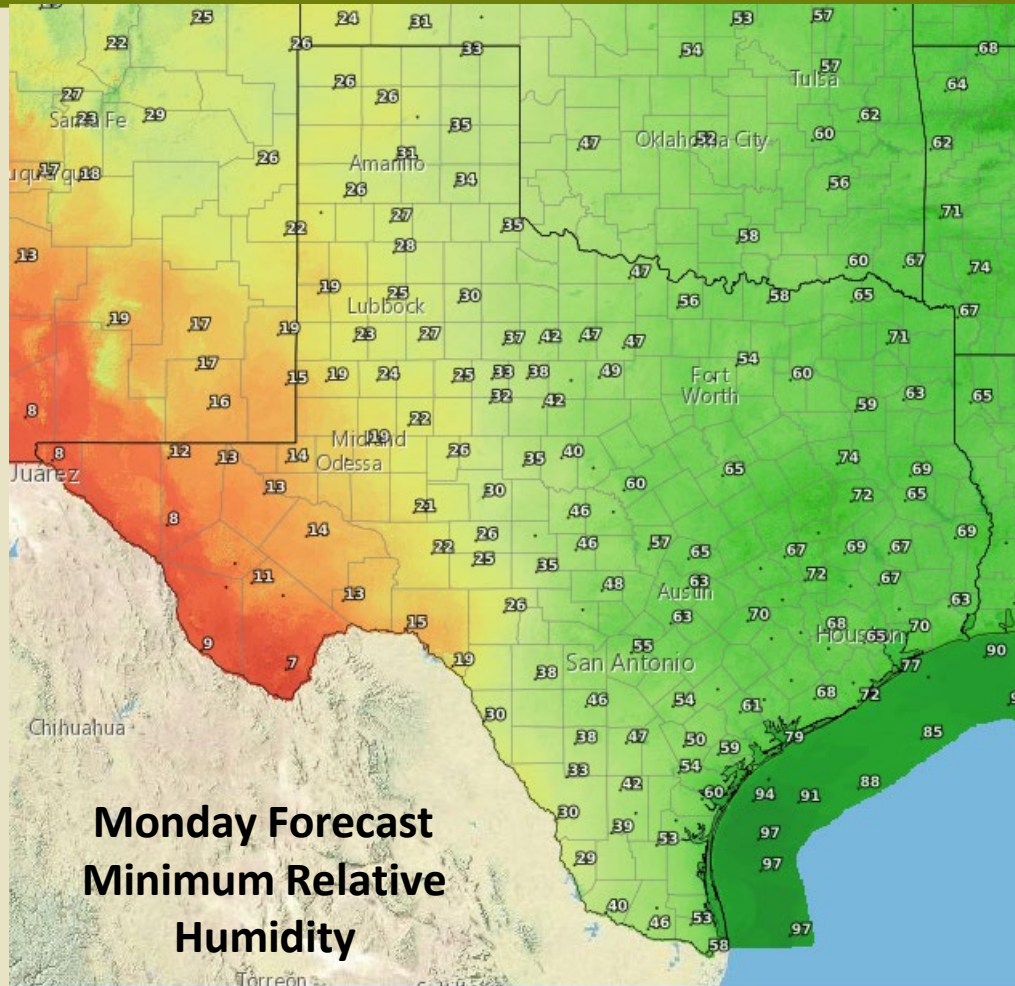
Minimum Relative Humidity (%)
12 hours ending at: Mon, May 13 2024, 1 AM CDT
Issued: May 10 at 7:00 AM CDT



**Sunday Forecast 7pm
Wind Speed**

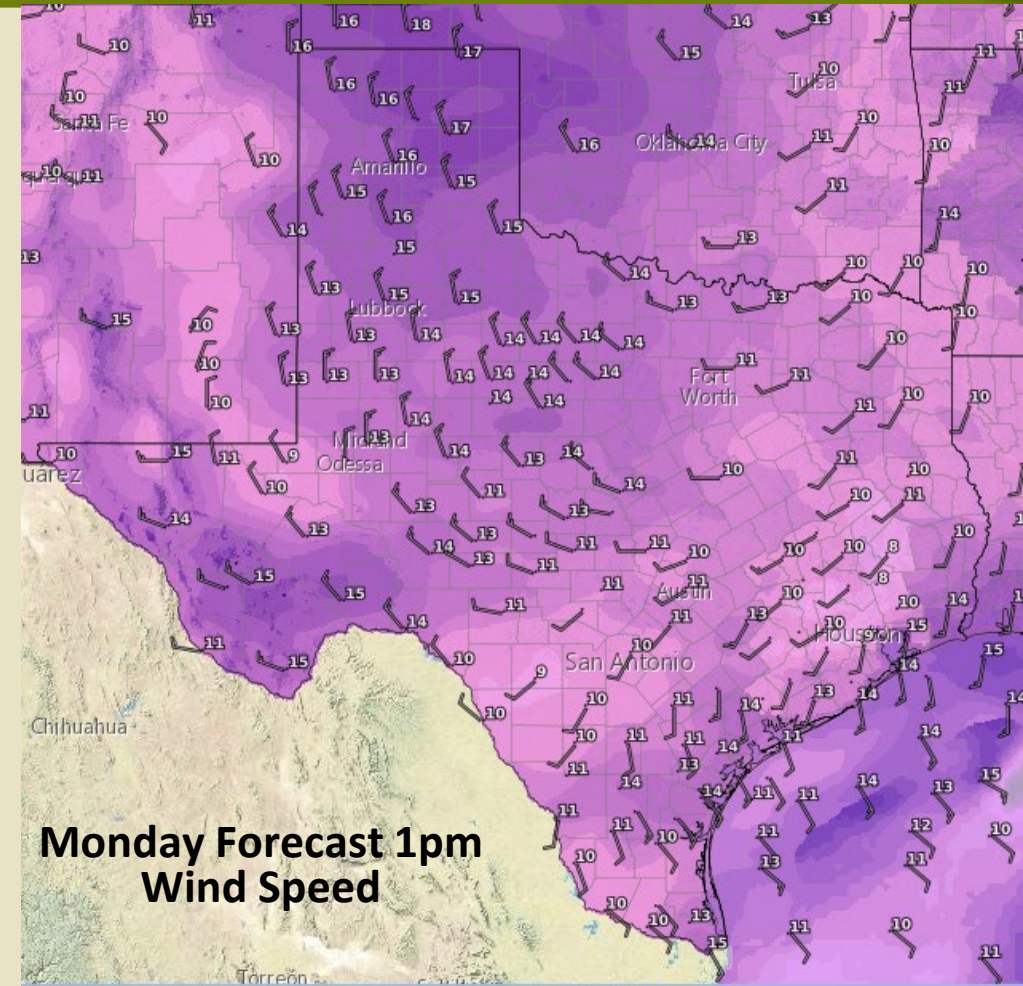
Wind Speed (mph)
Valid at: Sun, May 12 2024, 7 PM CDT
Issued: May 10 at 10:30 AM CDT

Moderate drying of surface fuel is expected west of the Pecos River Monday as relative humidities remain near or below 10%. Initial attack fire potential will remain low.



**Monday Forecast
Minimum Relative
Humidity**

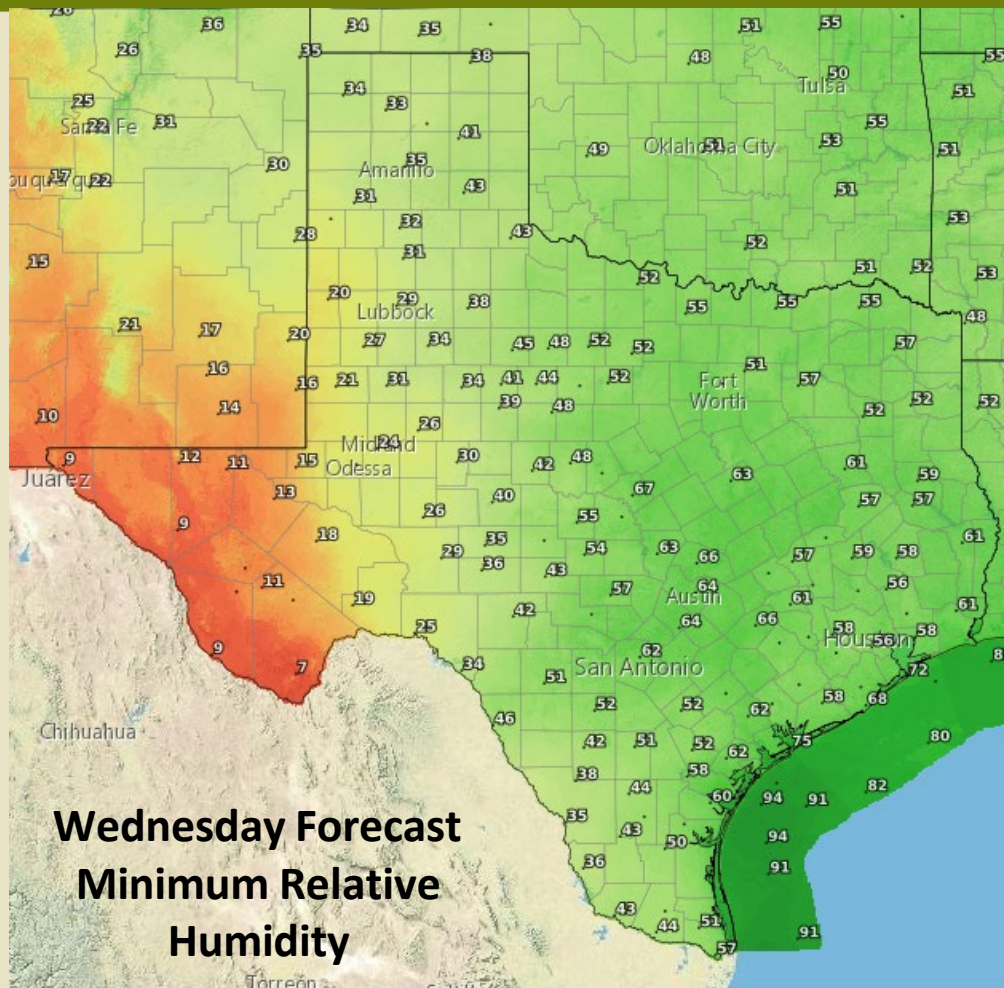
Minimum Relative Humidity (%)
12 hours ending at: Tue, May 14 2024, 1 AM CDT
Issued: May 10 at 7:00 AM CDT



**Monday Forecast 1pm
Wind Speed**

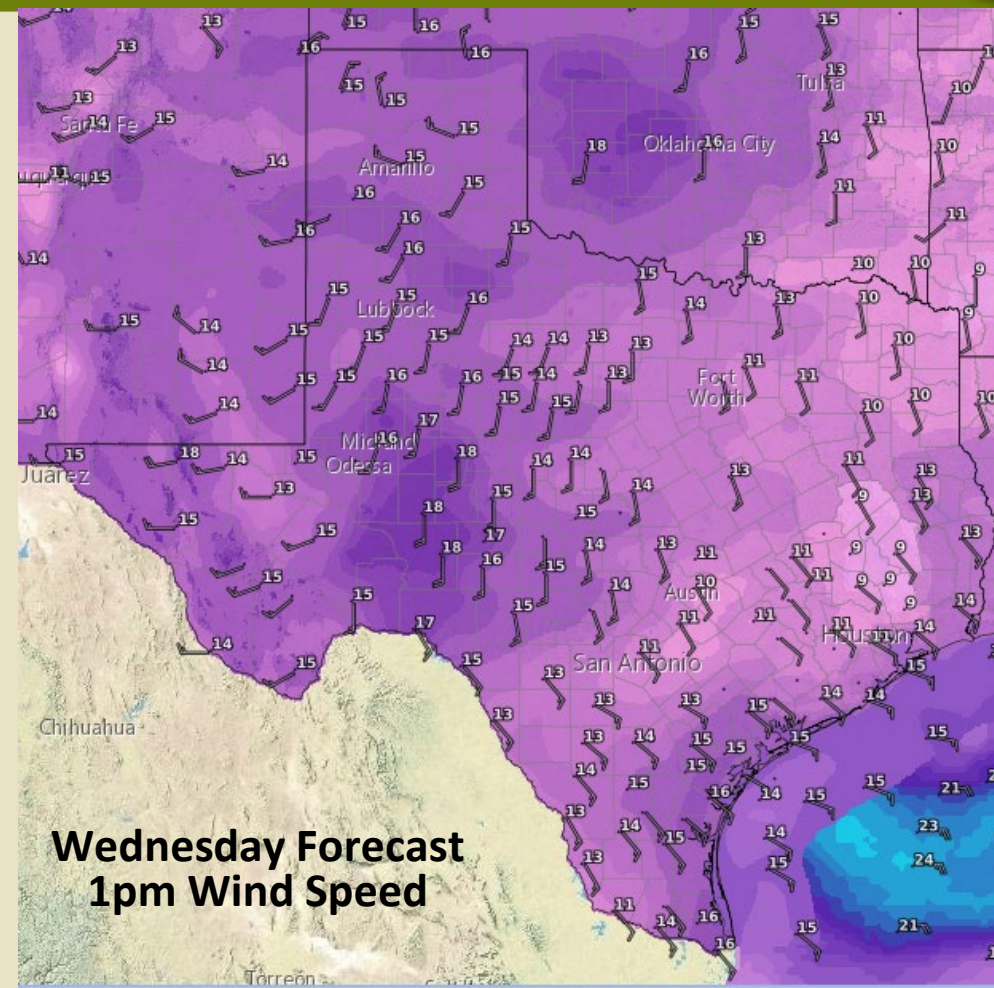
Wind Speed (mph)
Valid at: Mon, May 13 2024, 1 PM CDT
Issued: May 10 at 7:00 AM CDT

By Wednesday the Trans Pecos will have had several days of warm and dry conditions that could result in pockets of dry fuel. Fire potential will remain low with a lack of elevated wind speeds and ignition sources in the Trans Pecos.



**Wednesday Forecast
Minimum Relative
Humidity**

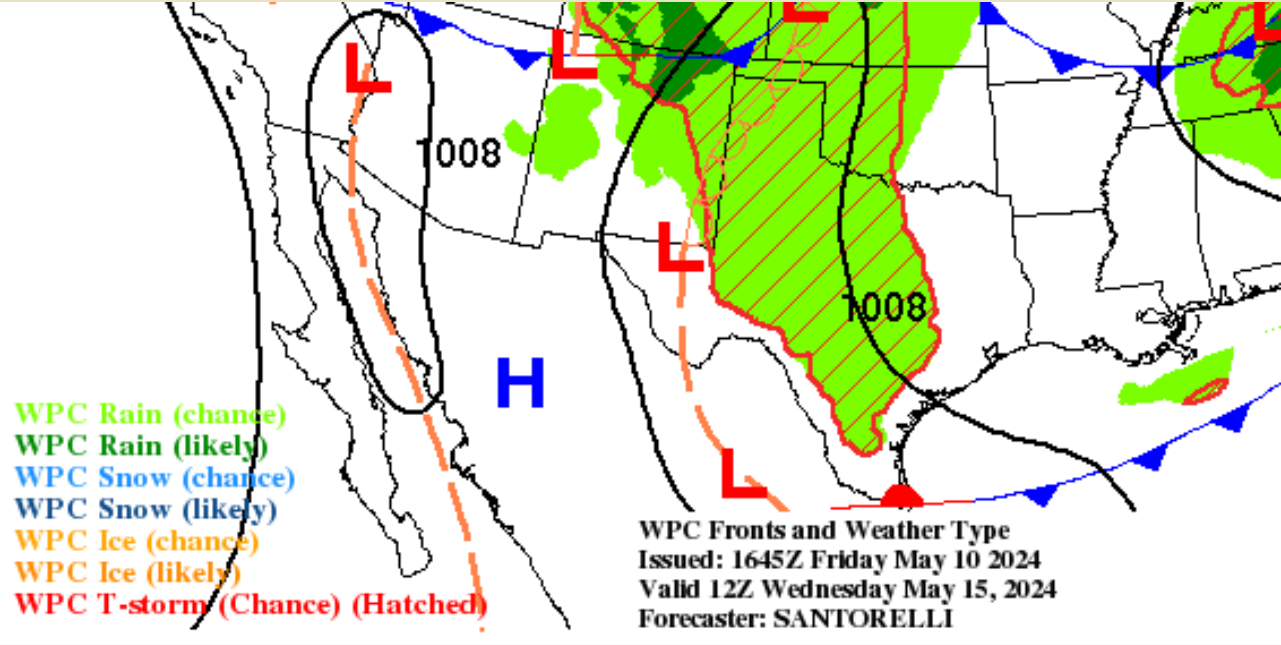
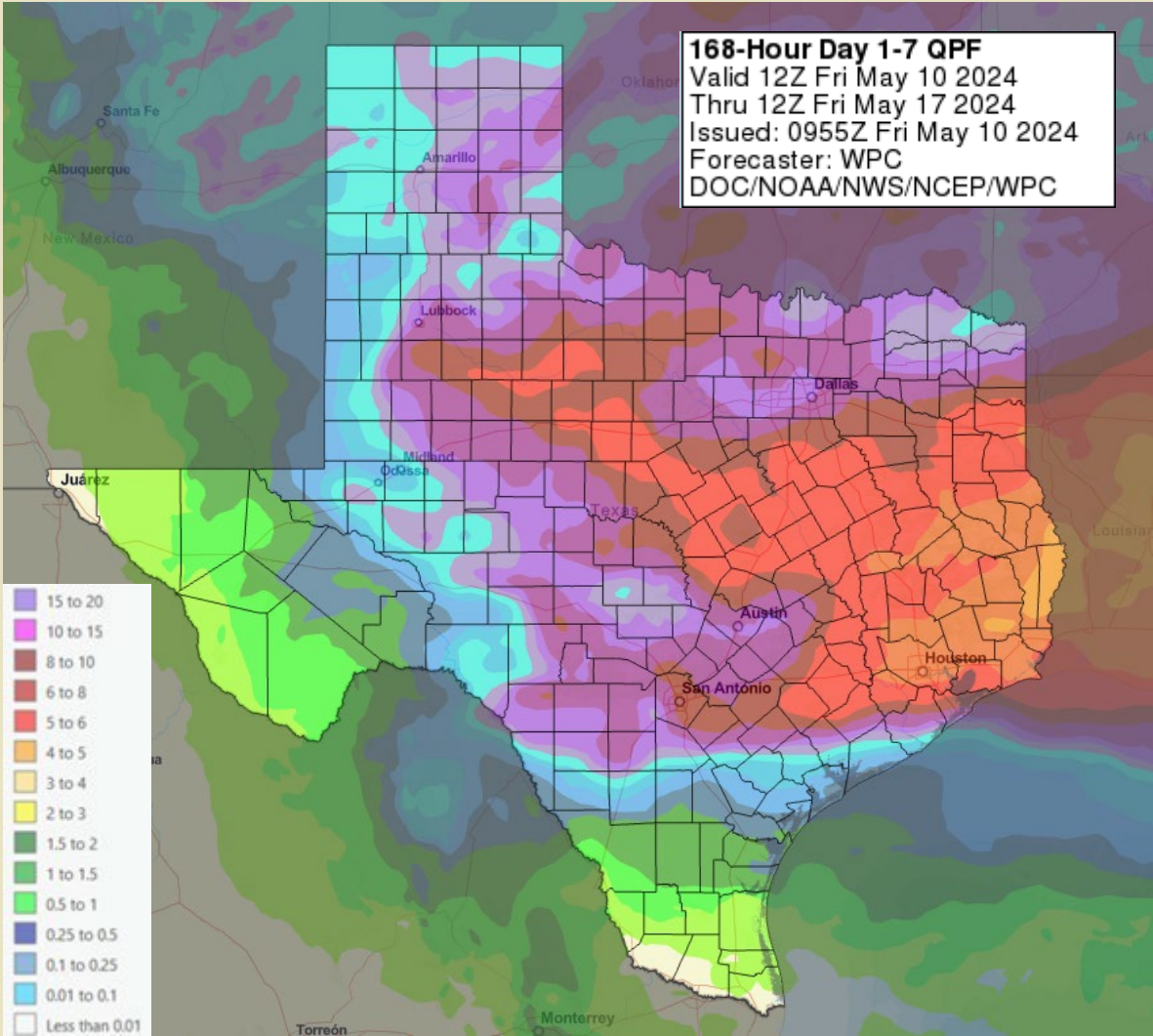
Minimum Relative Humidity (%)
12 hours ending at: Thu, May 16 2024, 1 AM CDT
Issued: May 10 at 7:00 AM CDT



**Wednesday Forecast
1pm Wind Speed**

Wind Speed (mph)
Valid at: Wed, May 15 2024, 1 PM CDT
Issued: May 10 at 7:00 AM CDT

An unsettled pattern will continue rainfall chances through the mid part of next week. Fire potential should remain limited to low for most of the state from an overall moist environment.



Wednesday 5/15 Surface Map