

CONSERVE. PROTECT. LEAD.



# Texas Fire Potential Update

**April 22<sup>nd</sup> – April 28th, 2024**

**Texas A&M Forest Service Predictive Services**

# Fire Potential Notes April 22nd- April 28th, 2024

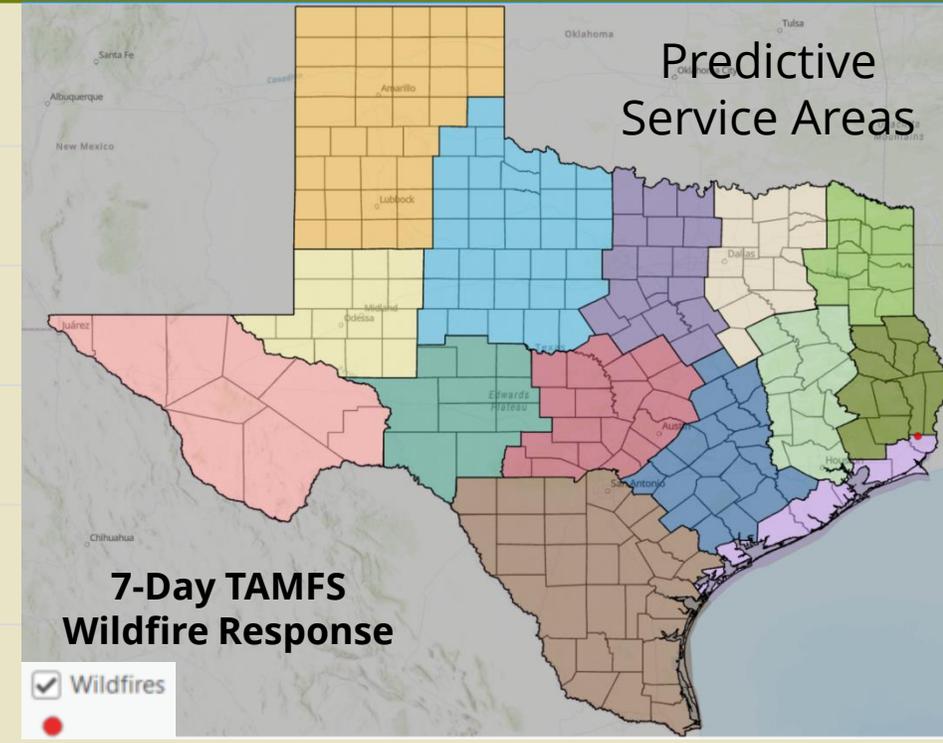
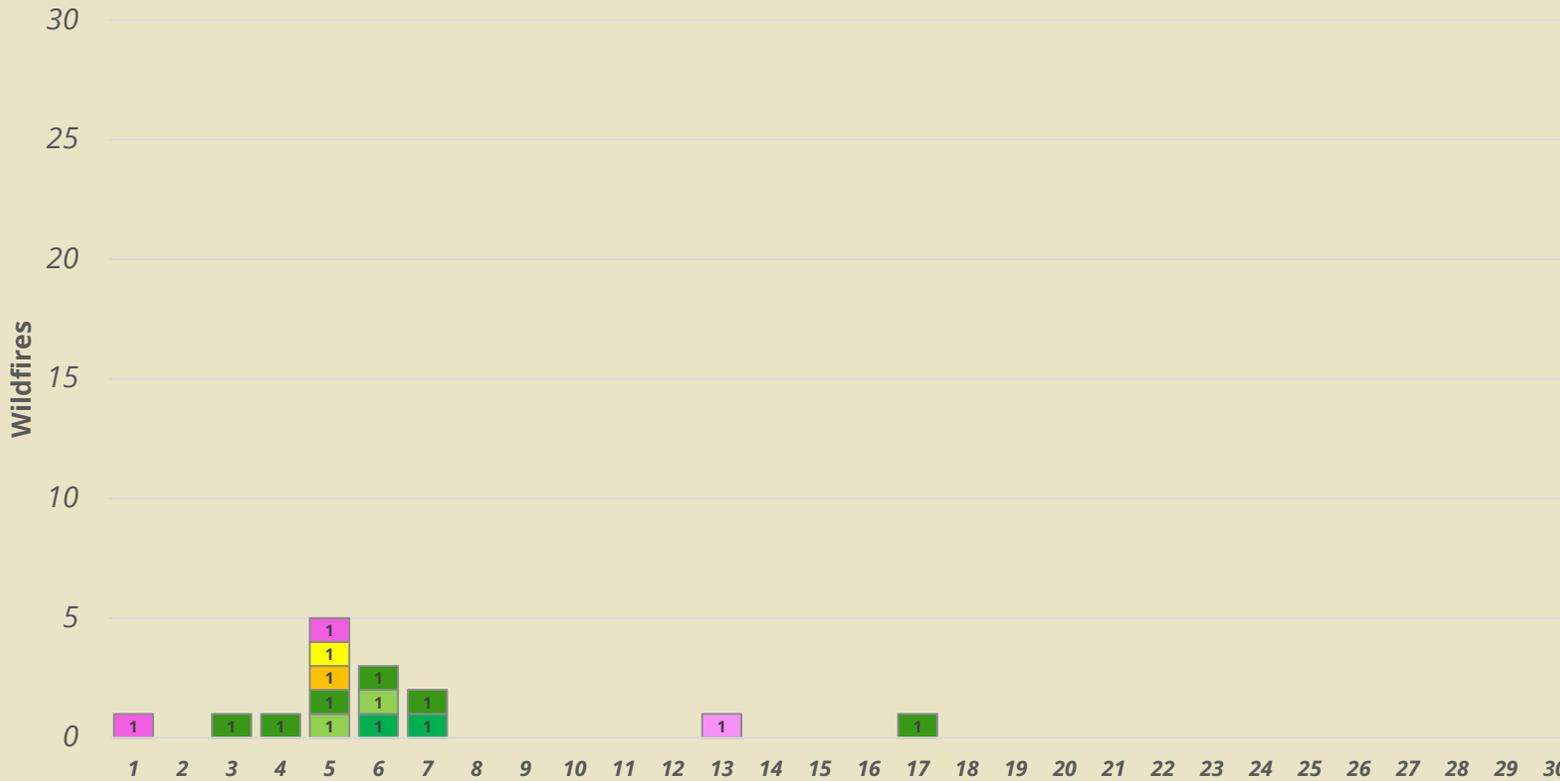


- Limited fire potential is expected through Thursday with above normal fuel moistures and increasing greening of grasses across the state. No significant fire potential is forecast through Thursday. Isolated afternoon thunderstorms in the eastern Trans Pecos Tuesday and Wednesday could produce a small fire from lightning if one becomes established in receptive fuels.
- A dry and warming environment this week could lead to areas of isolated low fire potential where dry fuels emerge in the western Canadian River drainage and in complex mountain terrain in the Trans Pecos. Low fire potential continues through the weekend as dry fuels are exposed to elevated to critical fire weather.



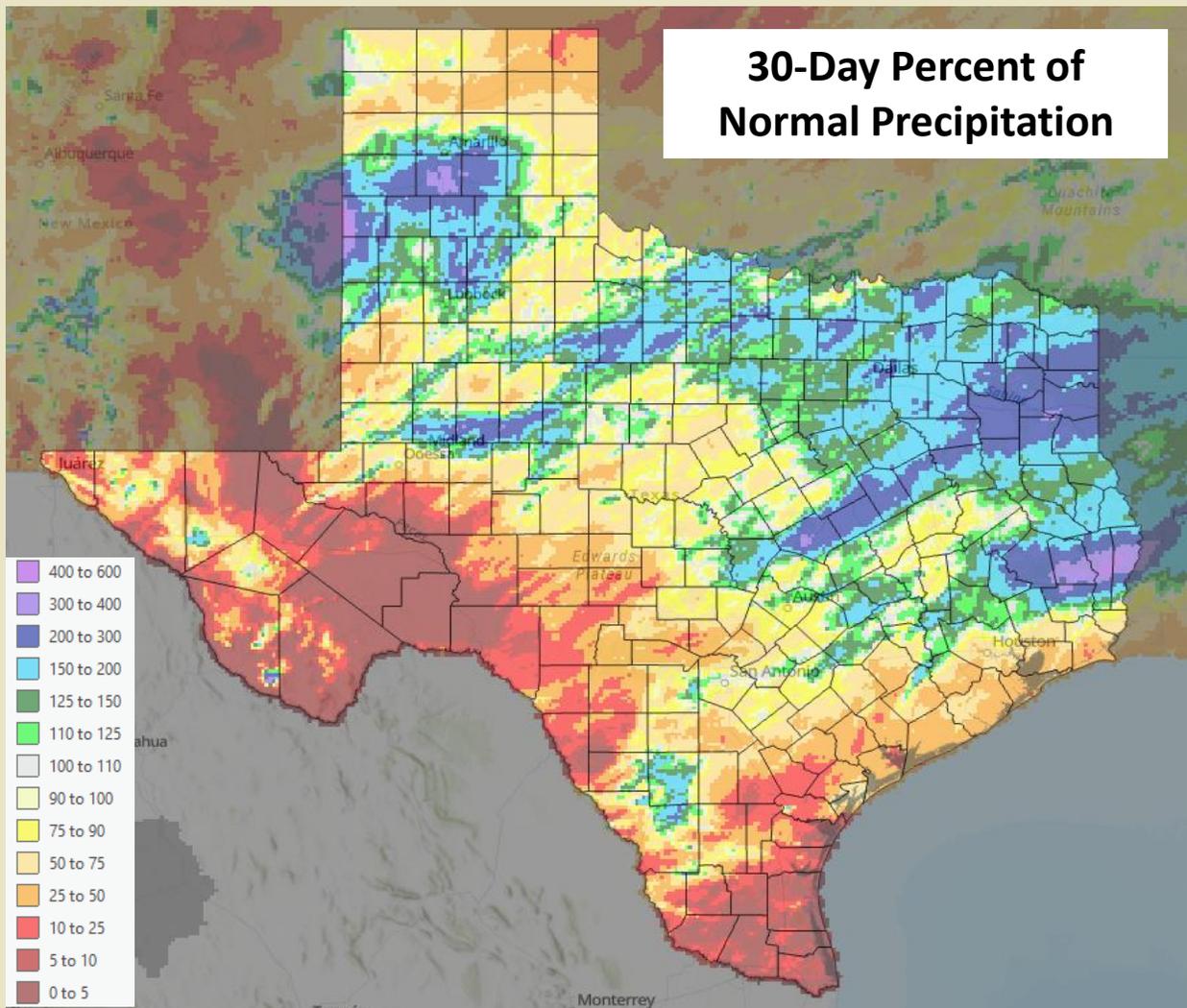
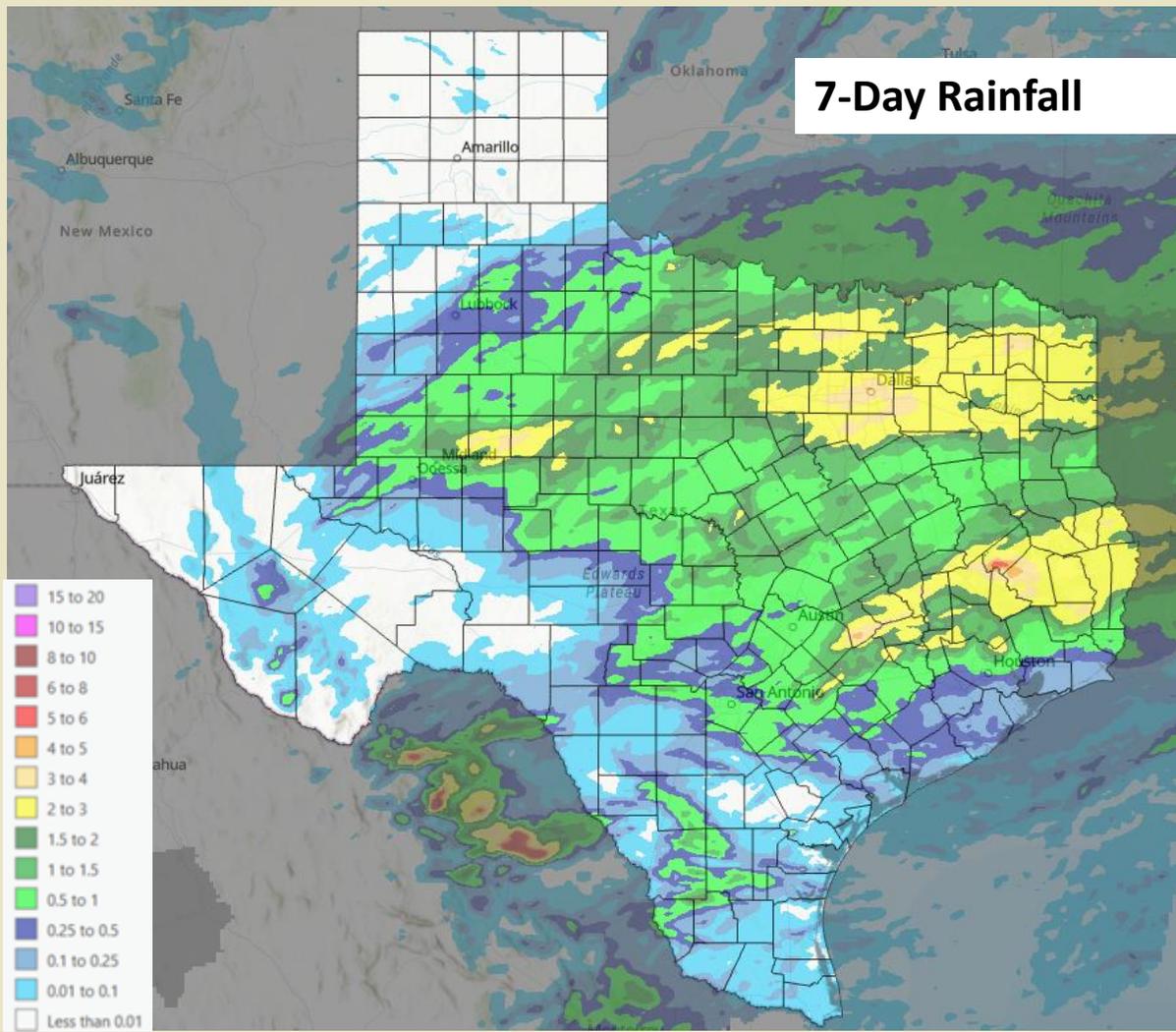
Texas A&M Forest Service has had no requests for assistance since April 17<sup>th</sup>. Wildfire response is expected to remain low as fuel moistures remain near to above normal with no critical fire weather forecast through Wednesday. Low fire potential could develop in the western Canadian river drainage and the Trans Pecos mountain ranges as a dry, warm environment sets up over receptive fuels moving into the weekend.

### April 1<sup>st</sup>-April 22<sup>nd</sup> , 2024 TAMFS Wildfire Response by Predictive Service Area

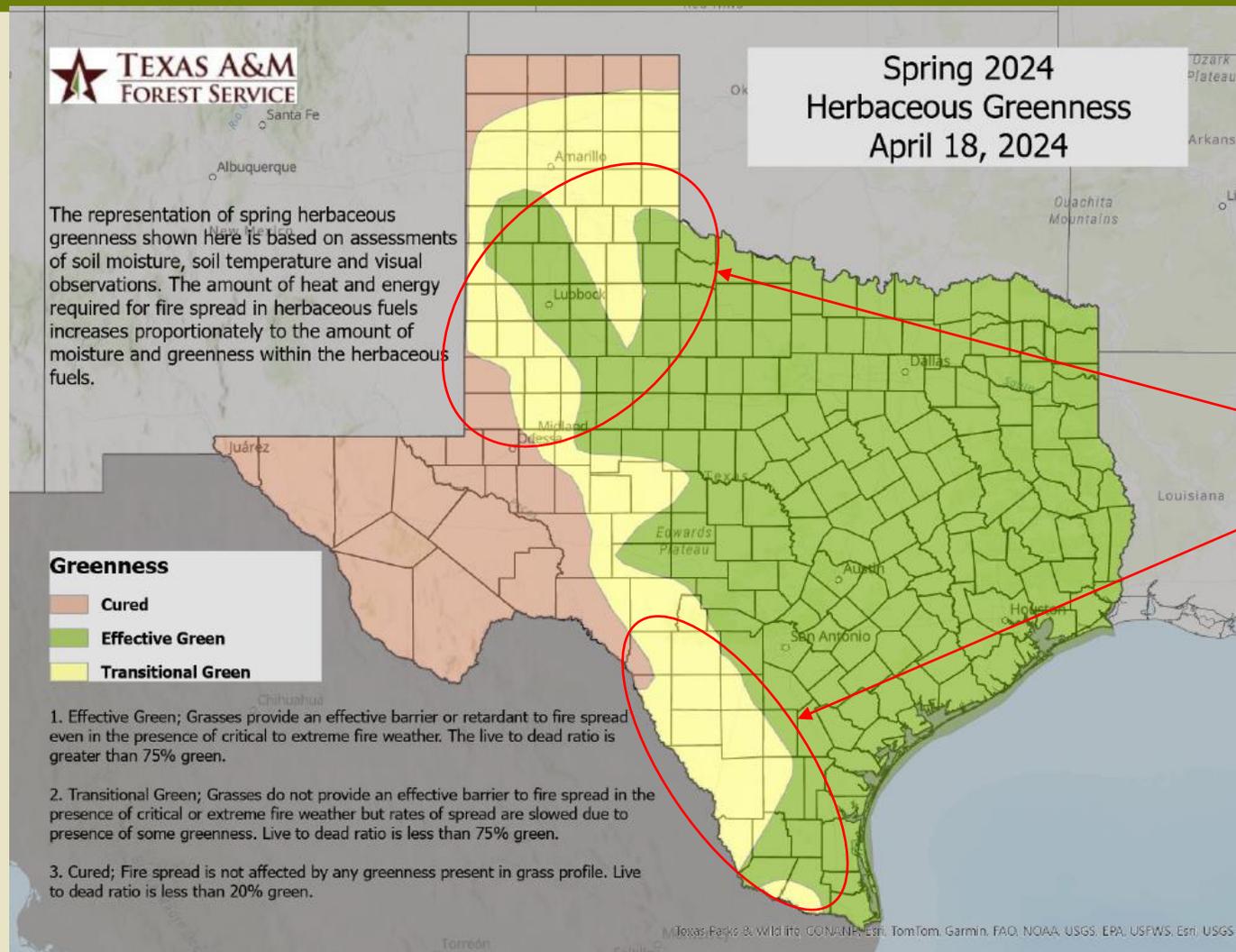


■ Northeast Texas ■ Western Pineywoods ■ Southeast Texas ■ High Plains ■ Gulf Coast ■ Southern Plains ■ Trans Pecos

Wetting rainfall occurred over the northern half of the state Friday and Saturday creating normal to above fuel moistures which will limit fire potential through Thursday. 30-day percent of normal rainfall indicates lingering dryness in the High Plains while widespread rainfall deficits remain across Southwest Texas. Over the past 30 days additional dryness has emerged in South Texas and the Upper Gulf Coast.



The footprint of greening grasses are expected to expand across the state this week as grasses respond to recent rainfall. Field observations will be monitored this week in the Southern/High Plains and South Texas where recent moisture is expected to add additional greenness to our map.

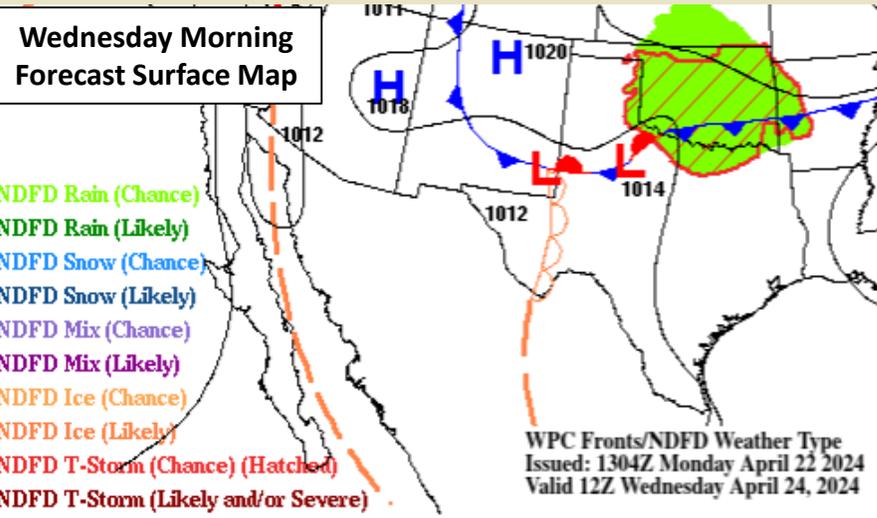


Areas likely to green up this week

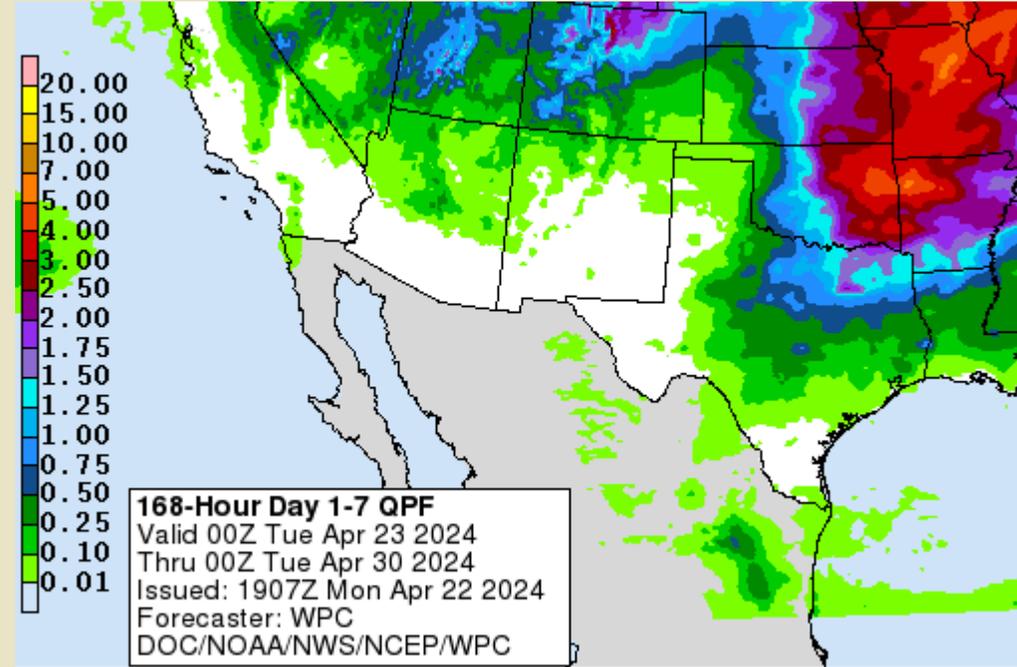
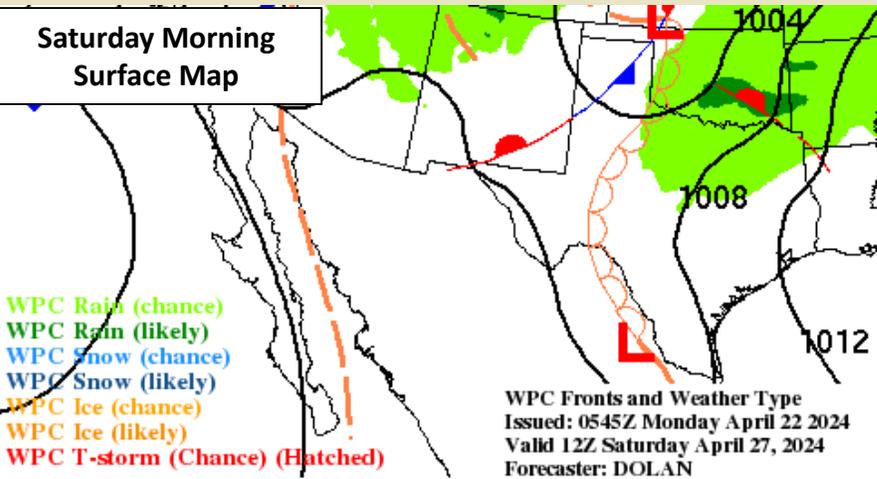
High pressure will be set up across the state creating a dry and warm environment coupled with light winds Monday through Wednesday until our next system begins influencing the state Wednesday afternoon. Elevated to critical fire weather is expected to develop west of the dry line Thursday through Saturday. The best rainfall and thunderstorm chances will be east of the dry line over the next 7 days.



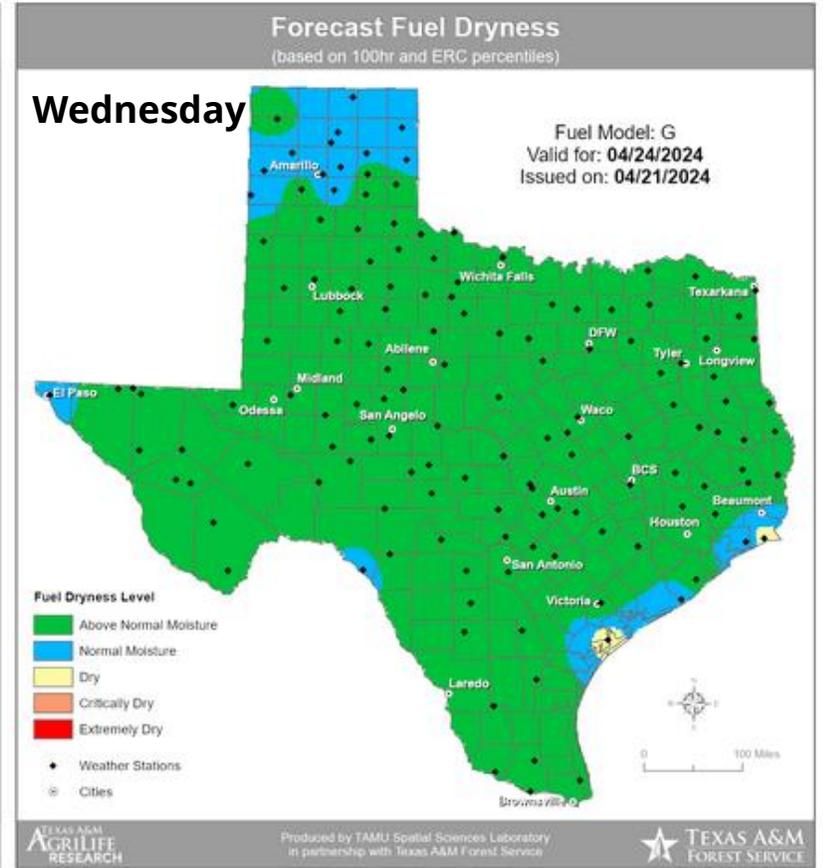
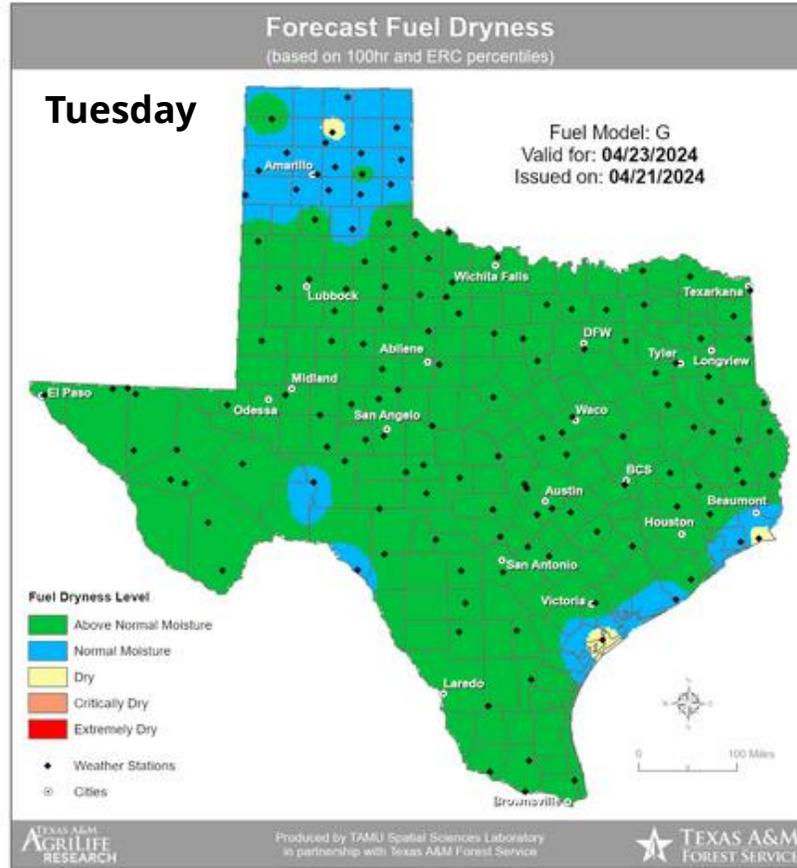
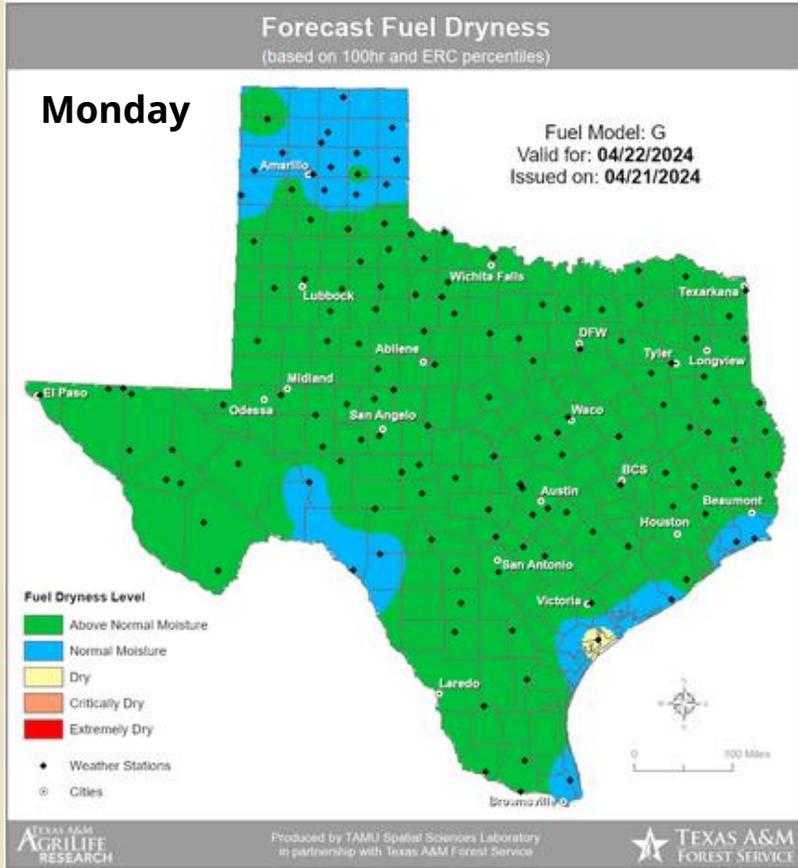
**Wednesday Morning  
Forecast Surface Map**



**Saturday Morning  
Surface Map**



Fuel dryness will remain normal to above normal through Thursday. Locally dry fuels are expected to develop in parts of northern High Plains, Trans Pecos, and parts of the Upper Gulf Coast as we move into the weekend and a warm, dry environment persists.



Energy Release Component (ERC) will trend above seasonal averages in the High Plains, and coupled with dry grasses will support low wildfire potential across the western Canadian River Drainage Saturday into Sunday.

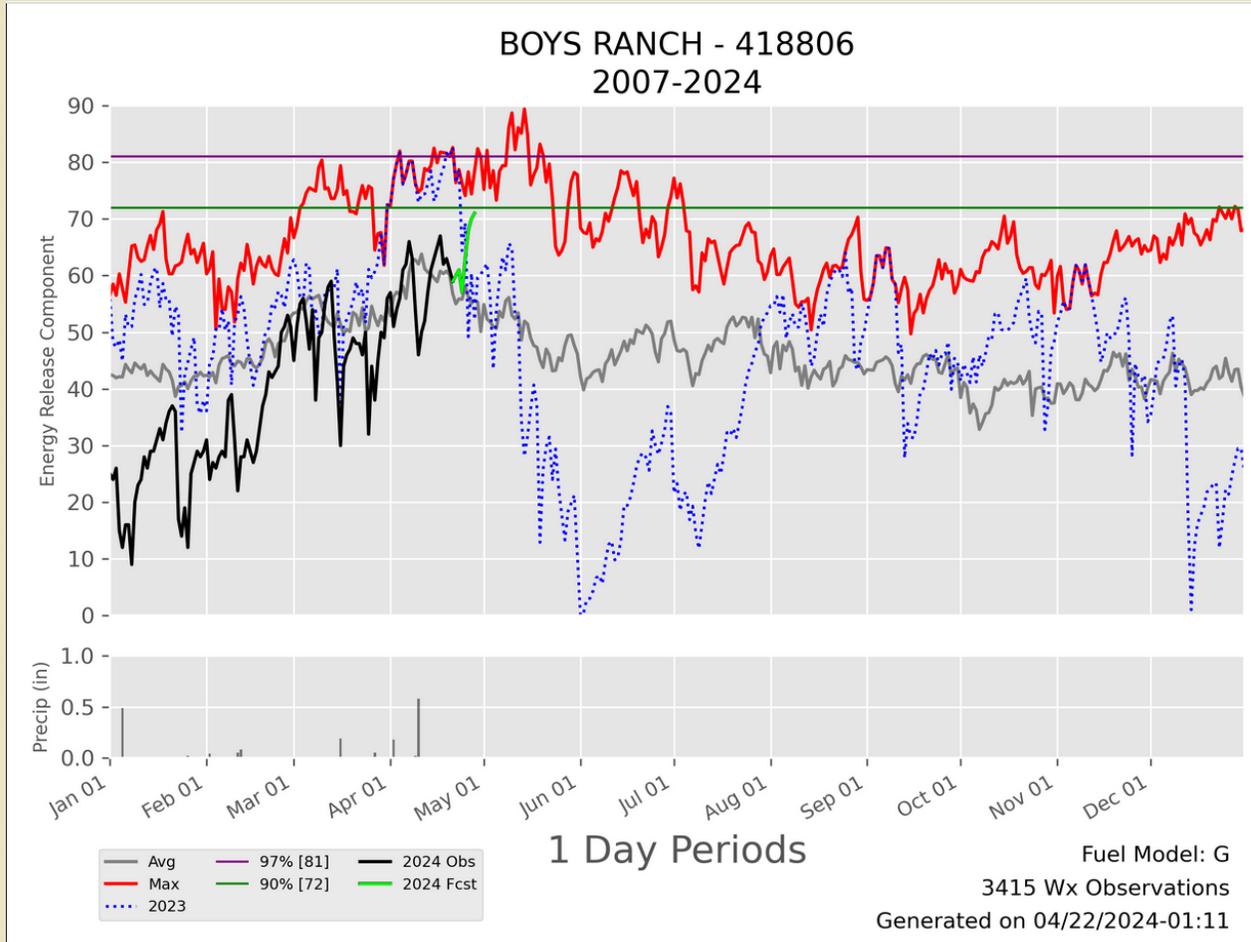
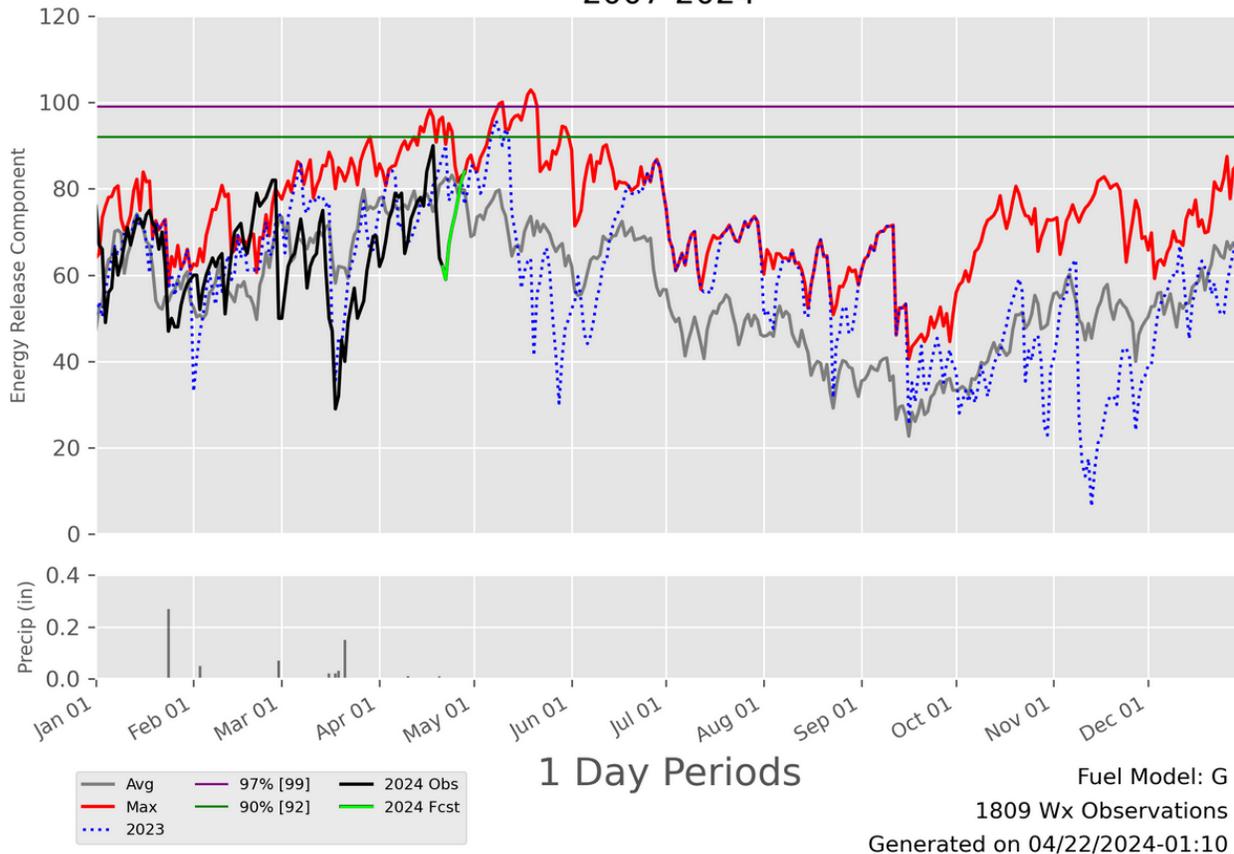


Photo north of Boys Ranch in  
Oldham County  
Photo by L. Kanclerz 4/16/2024

Trans Pecos Energy Release Component (ERC) values will trend above seasonal averages, and coupled with dry grasses will support low fire potential this weekend. Ignition sources are limited in and around the mountains when thunderstorms are not present.



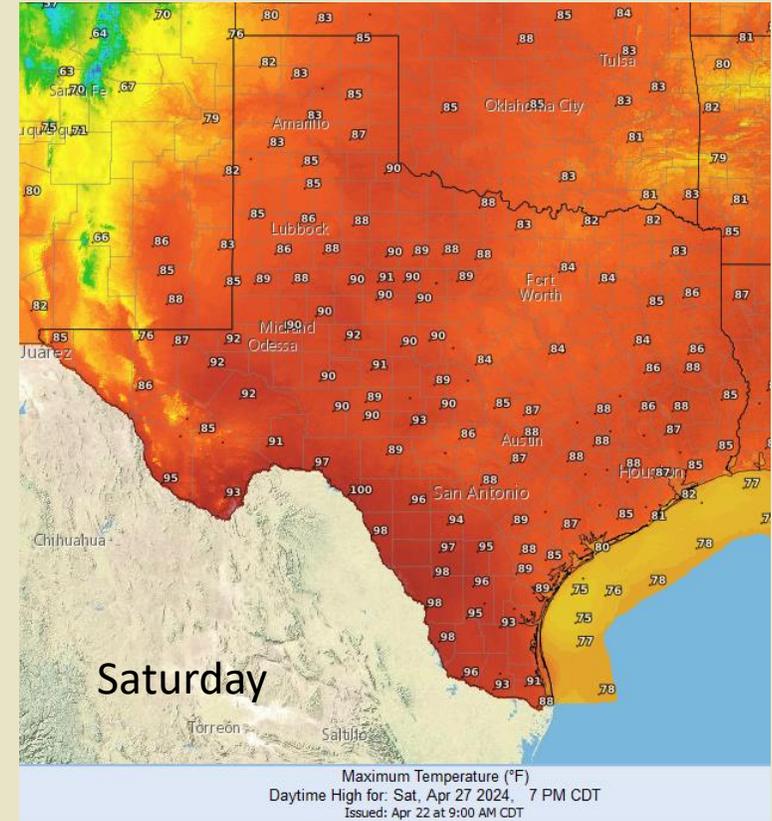
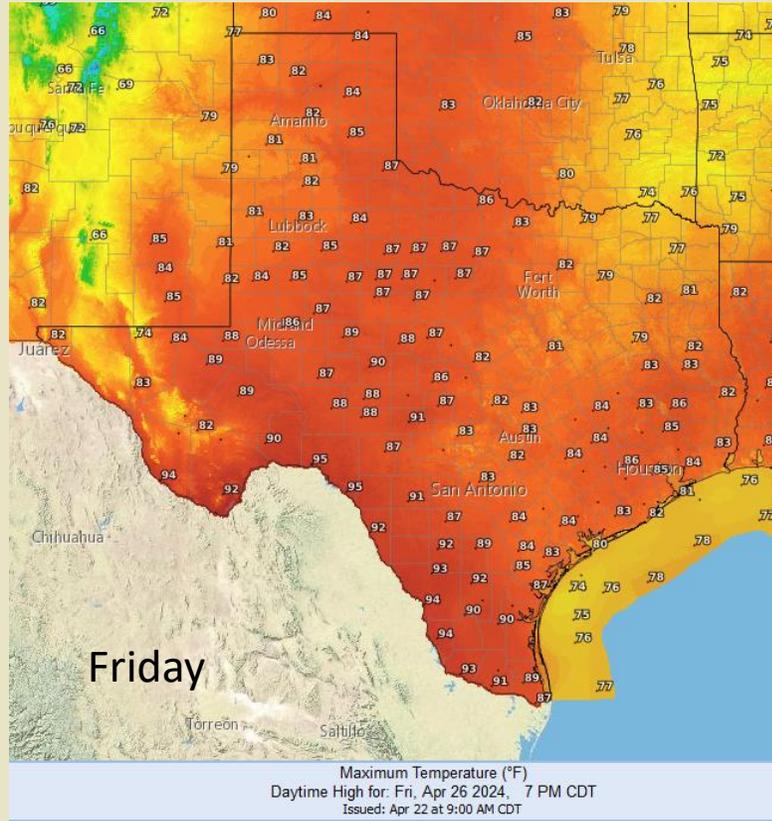
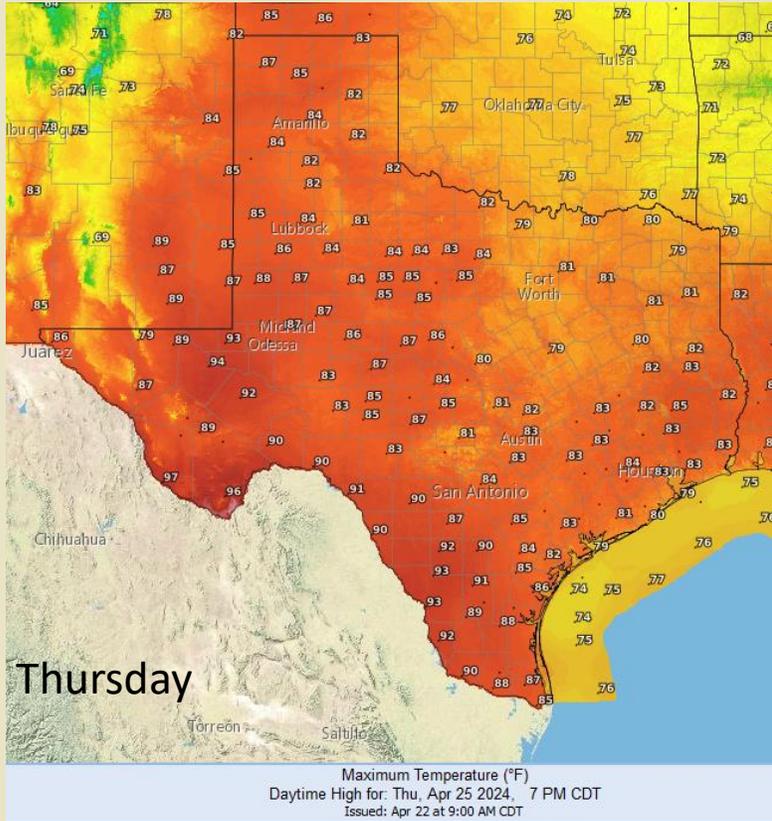
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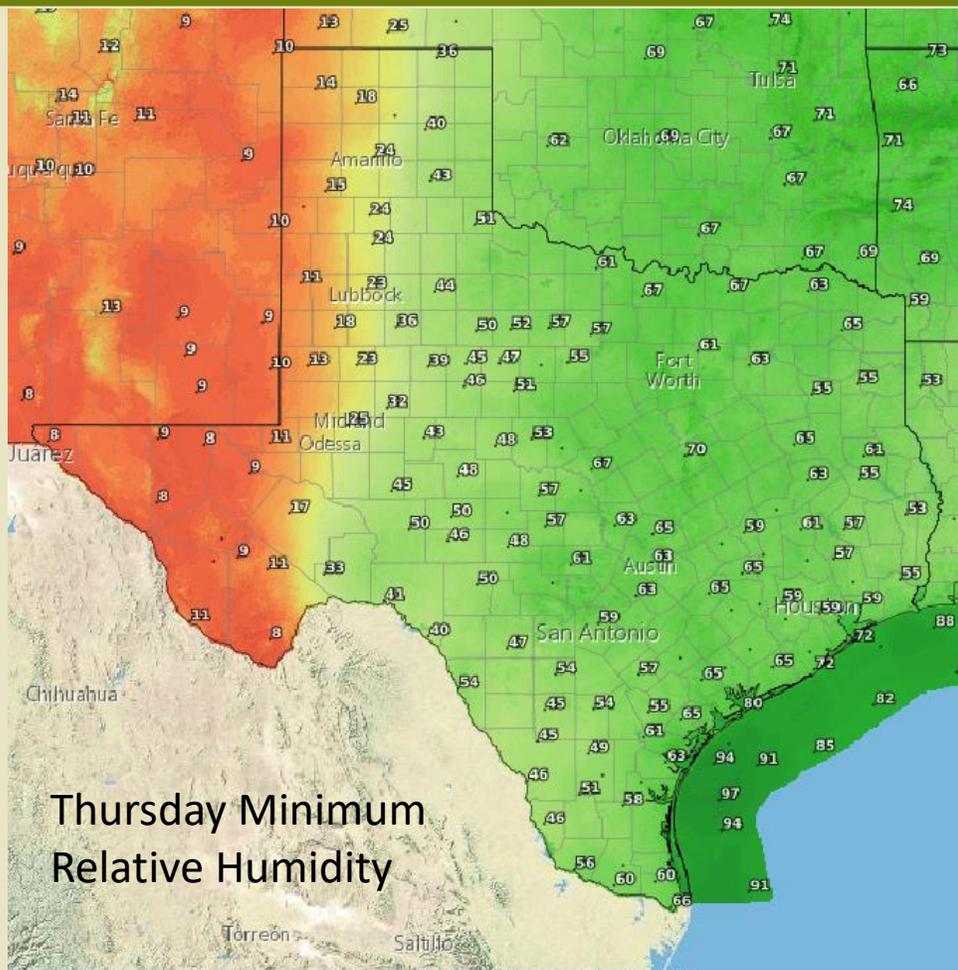
Near Davis Mountains  
Photo provided by J. Petrie  
4/13/2024



Above normal temperatures will produce moderate drying of surface fuels as we move into the weekend

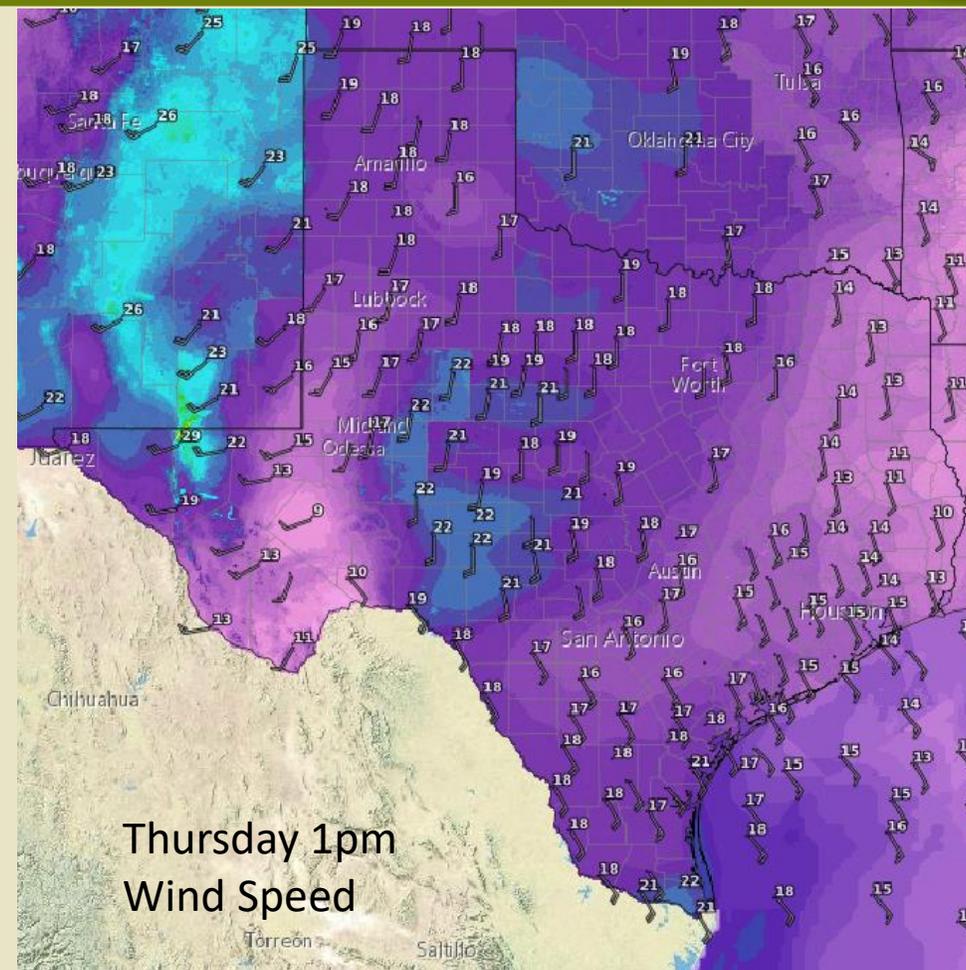


A dryline will be positioned across Texas on Thursday and will bring increased windspeeds to the western High Plains and Trans Pecos. Fuel moistures will remain normal to above normal Thursday, limiting wildfire potential.



Thursday Minimum Relative Humidity

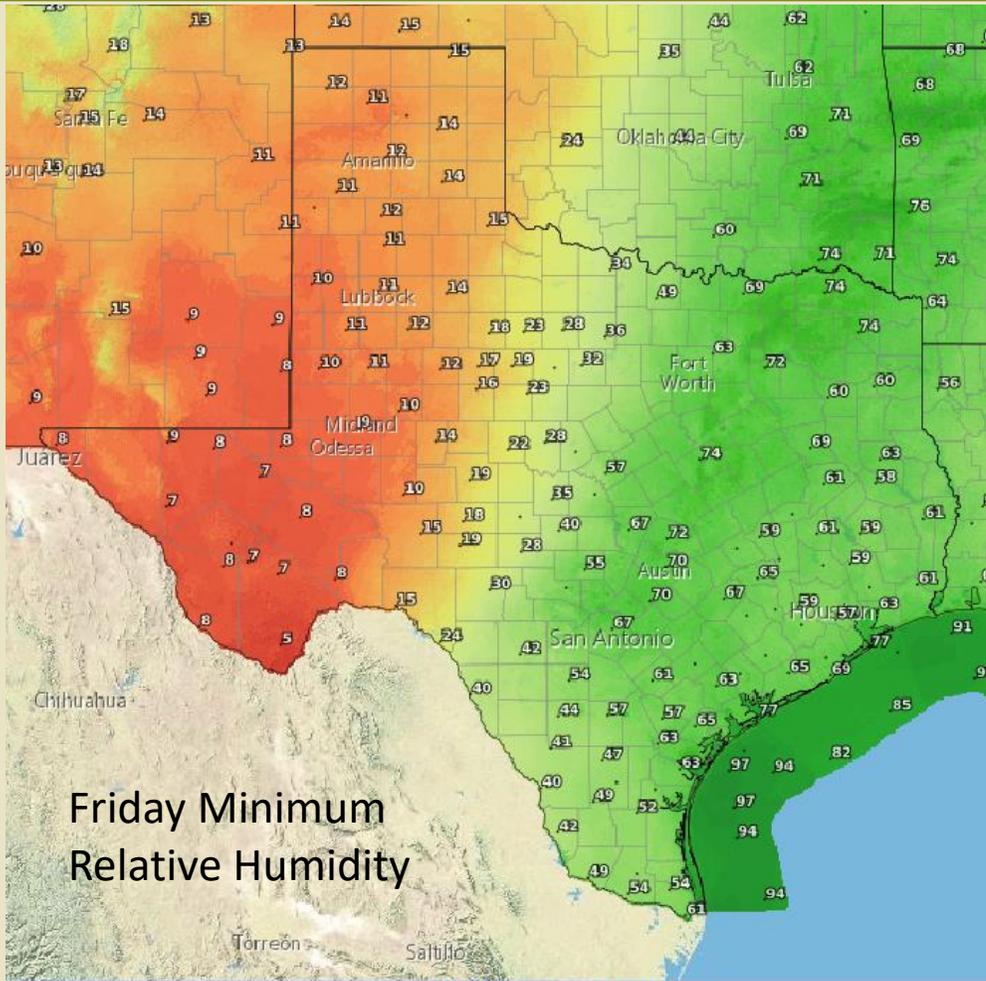
Minimum Relative Humidity (%)  
12 hours ending at: Fri, Apr 26 2024, 1 AM CDT  
Issued: Apr 22 at 1:00 PM CDT



Thursday 1pm Wind Speed

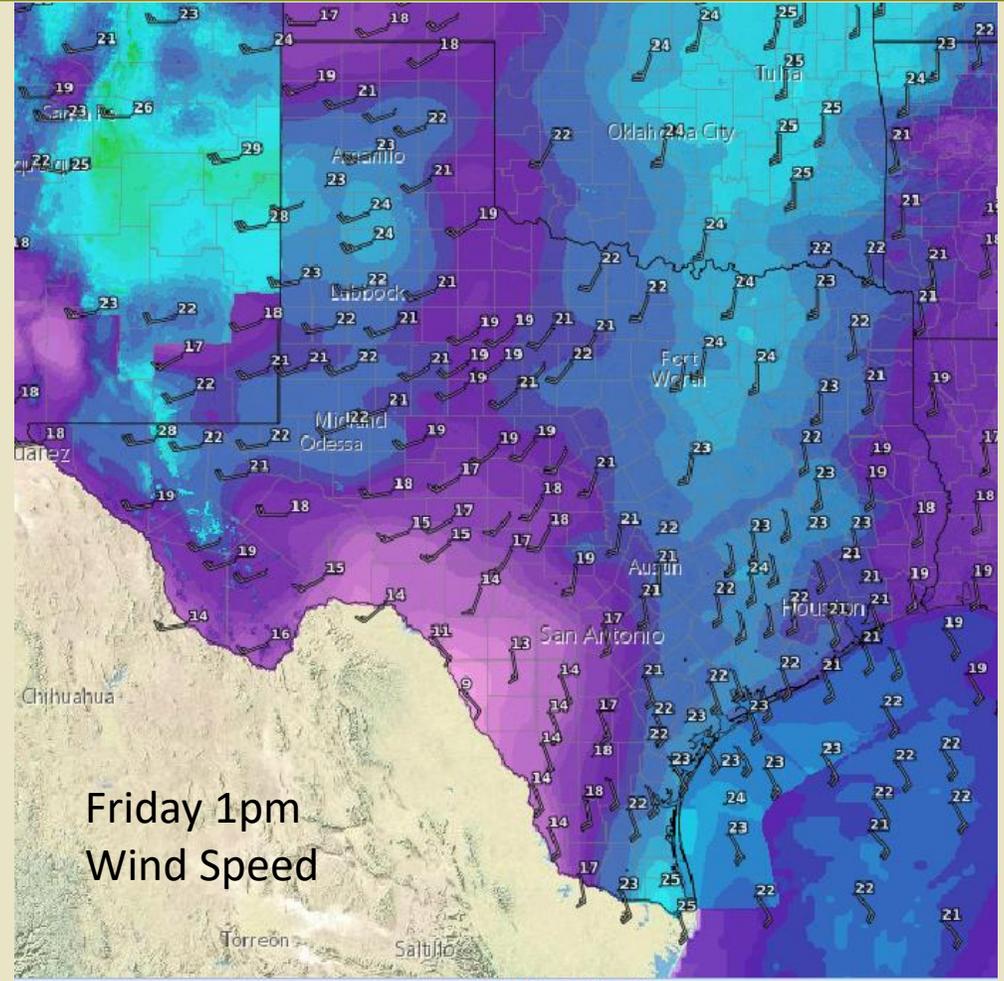
Wind Speed (mph)  
Valid at: Thu, Apr 25 2024, 1 PM CDT  
Issued: Apr 22 at 1:00 PM CDT

While increased windspeeds west of the dry line Friday introduce elevated to critical fire weather, increasing greenness of grasses coupled with above normal fuel moistures will keep fire potential limited.



Friday Minimum  
Relative Humidity

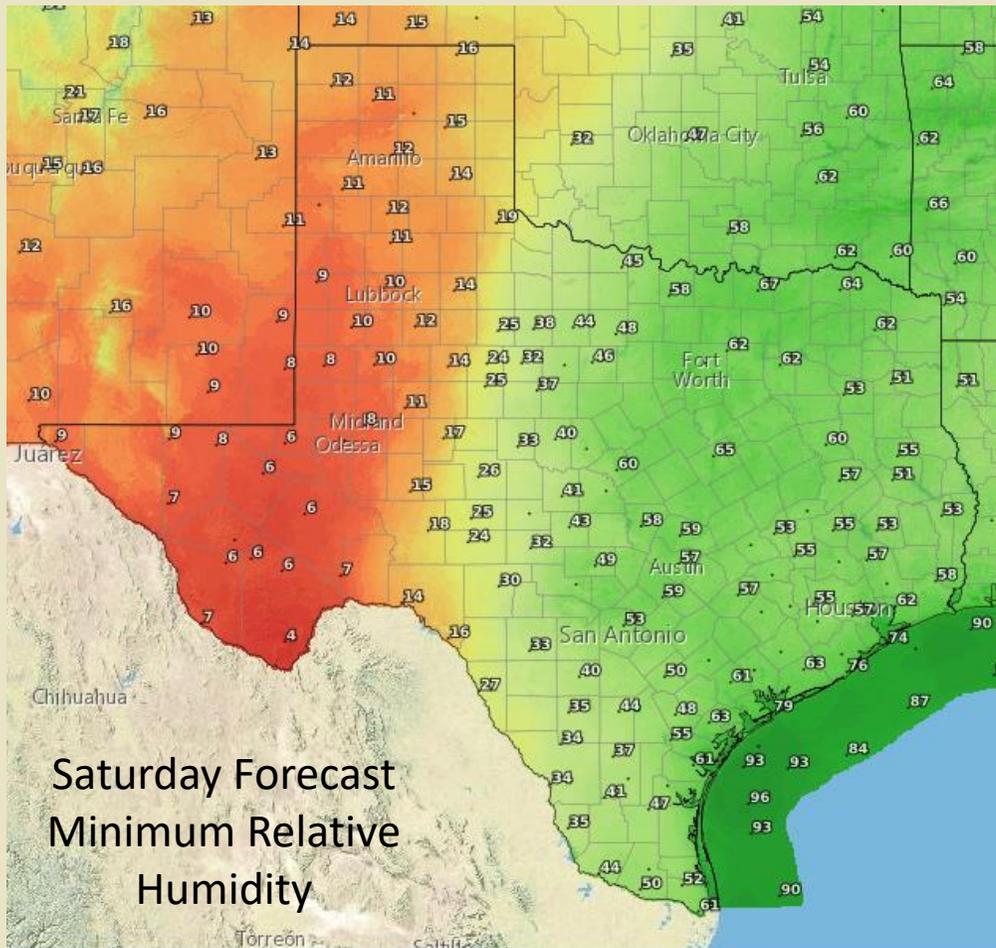
Minimum Relative Humidity (%)  
12 hours ending at: Sat, Apr 27, 2024, 1 AM CDT  
Issued: Apr 22 at 1:00 PM CDT



Friday 1pm  
Wind Speed

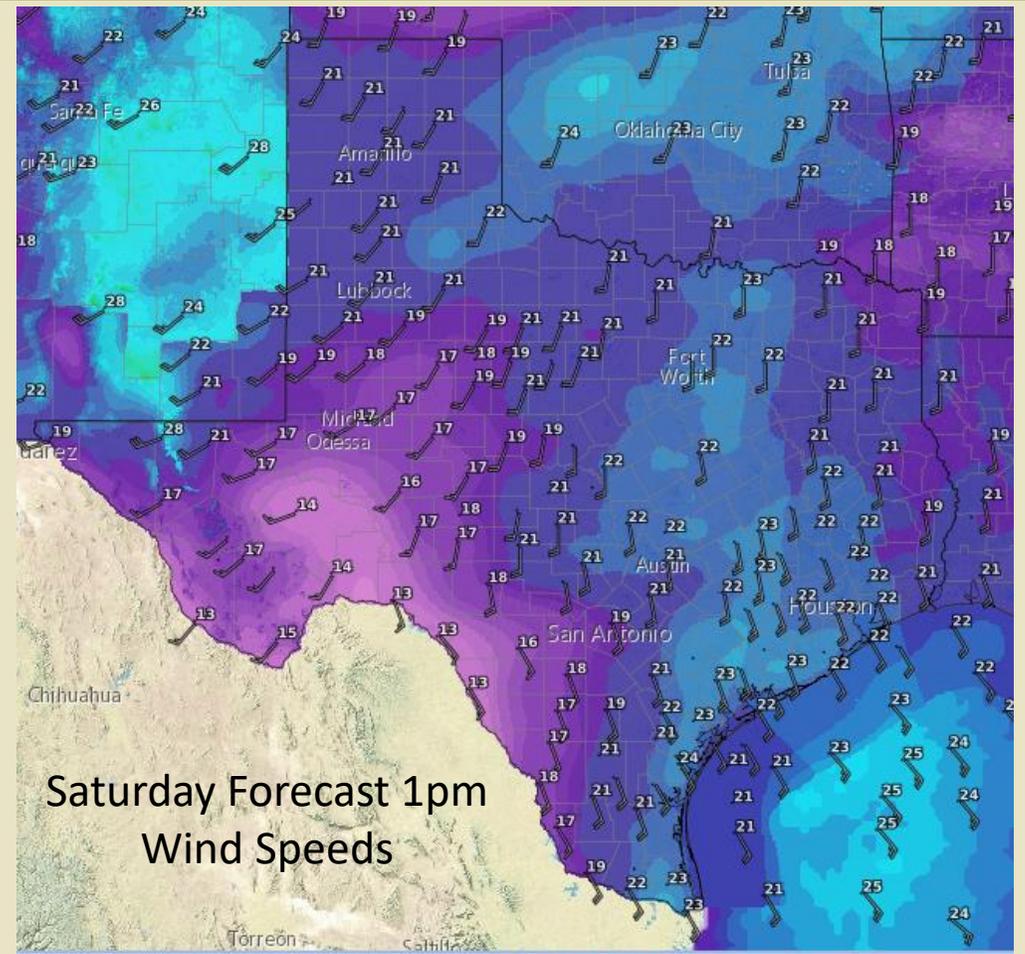
Wind Speed (mph)  
Valid at: Fri, Apr 26, 2024, 1 PM CDT  
Issued: Apr 22 at 1:00 PM CDT

Pockets of cured grasses and dry fuels in the western Canadian River drainage and areas in and around the Trans Pecos mountain ranges could support low fire potential Saturday.



Saturday Forecast  
Minimum Relative  
Humidity

Minimum Relative Humidity (%)  
12 hours ending at: Sun, Apr 28 2024, 1 AM CDT  
Issued: Apr 22 at 9:00 AM CDT



Saturday Forecast 1pm  
Wind Speeds

Wind Speed (mph)  
Valid at: Sat, Apr 27 2024, 1 PM CDT  
Issued: Apr 22 at 9:00 AM CDT