

CONSERVE. PROTECT. LEAD.



Texas Fire Potential Outlook

March 29th 2022

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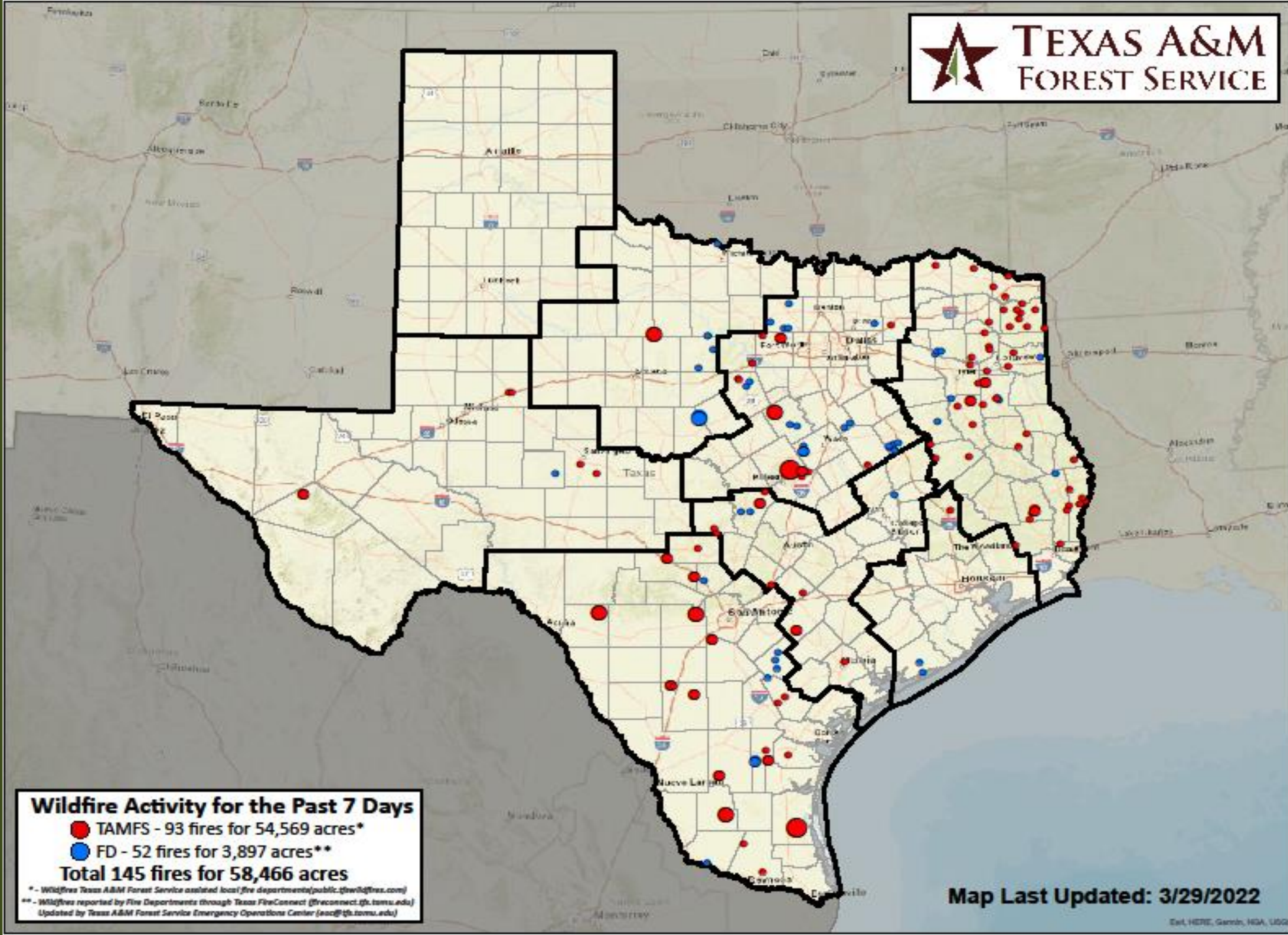
Predictive Services

TFSWEB.TAMU.EDU



7-Day Reported Fire Activity

TFSWEB.TAMU.EDU





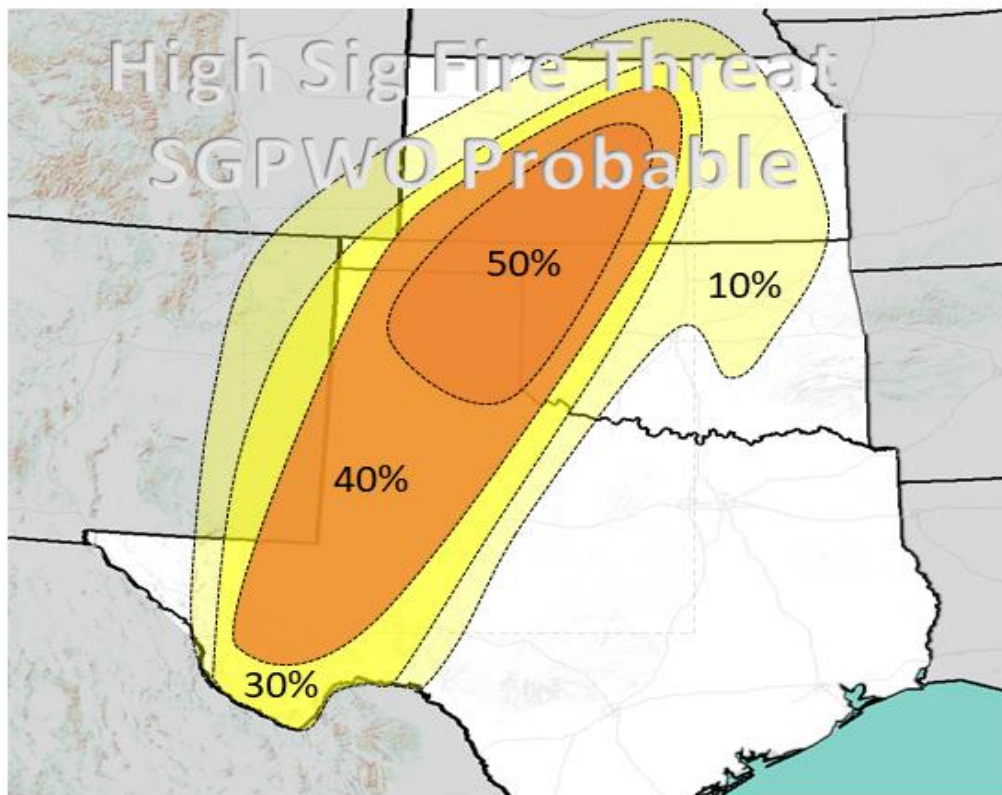
Extreme fire weather and dry to critically dry fuels will combine on Tuesday to produce high significant fire potential for the Western Plains of Texas

Wildfire Outbreak Probable Tuesday

Probability of Significant Wildfire or Southern Great Plains Wildfire Outbreak



Threat: Tuesday 29 March 2022



Risk Potential Legend

- <10%** Nil and/or Routine Fire Wx with Initial Attack & Large Fire
- 10%-30%** Low-Moderate Significant Fire
- 40%-60%** High Significant Fire Potential - Outbreak Possible
- >60%** Significant Wildfire & Outbreak Likely

This outlook is an experimental decision support tool produced in collaboration with...



Outlook Last Updated: Mon 28 Mar 2022 – 9:00 PM – TL/GM/DD/BS/RH

...and is strictly intended to reflect forecast probabilities of significant wildfire and "firestorm" conditions.



Characteristics of a Wildfire Outbreak

- Multiple significant or extended attack fires
- Forward rate of spread averaging 4-6 mph can outpace suppression resources efforts
- 30-40 mph sustained windspeed with gusts exceeding 50 mph
- Tactical firefighting aircraft may not be available due to high winds
- Individual fires can travel 20-30 miles and cross multiple jurisdictions
- Cold frontal passage will cause a wind shift from north
- Southern Plains Wildfire Outbreaks pose a serious threat to public safety



Moderate to High Significant Fire Potential for Wednesday

