

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Saturday, November 19th 2016
As of 0900 CST

Tropical Weather Awareness

Atlantic Tropical Cyclones and Disturbances

www.hurricanes.gov

7:00 am EST
Sat Nov 19 2016

100°W 90°W 80°W 70°W 60°W 50°W 40°W 30°W 20°W

45°N

35°N

25°N

15°N

5°N

Current Disturbances and Two-Day Cyclone Formation Chance:  < 40%  40-60%  > 60%

Tropical or Sub-Tropical Cyclone:  Depression  Storm  Hurricane

 Post-Tropical Cyclone  Remnants

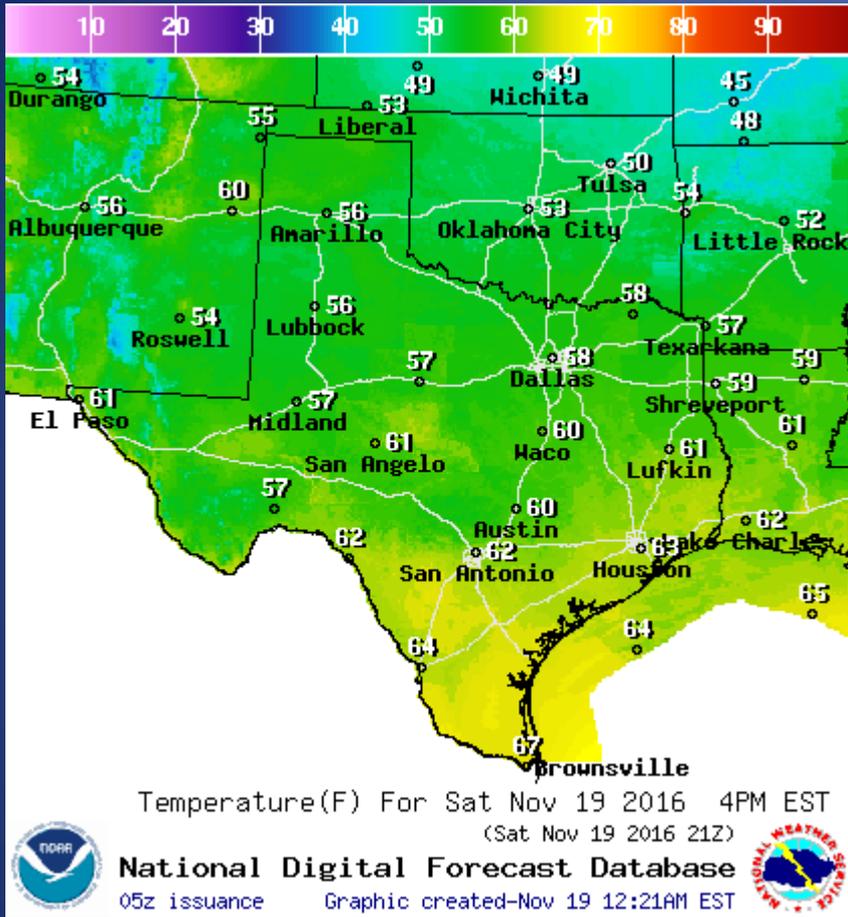
Incidents Reported to the State Operations Center (last 24 hours)

DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
11/18/16	Initial Report of a TTST Accident with Road Closure	Flatonia/Gonzales County	N
11/18/16	Final Report of the TTST Accident with Road Closure	Flatonia/Gonzales County	Y

Informational Products Distributed by the State Operations Center

DATE	SUBJECT
11/18/16	NWS West Gulf River Forecast Center: Update On The Tropics
11/19/16	NWS Austin/San Antonio: Public Information Statement - Highest Wind Reports during past 12 hours
11/19/16	NWS Houston/Galveston: Public Information Statement - Preliminary Rainfall Reports from the past 24 hours
11/19/16	NWS Lubbock: Public Information Statement - Lubbock reaches 32 degrees for first time during fall 2016
11/19/16	Daily NWS Threat Brief for Saturday, November 19, 2016 for FEMA Region 6

Weather Forecast

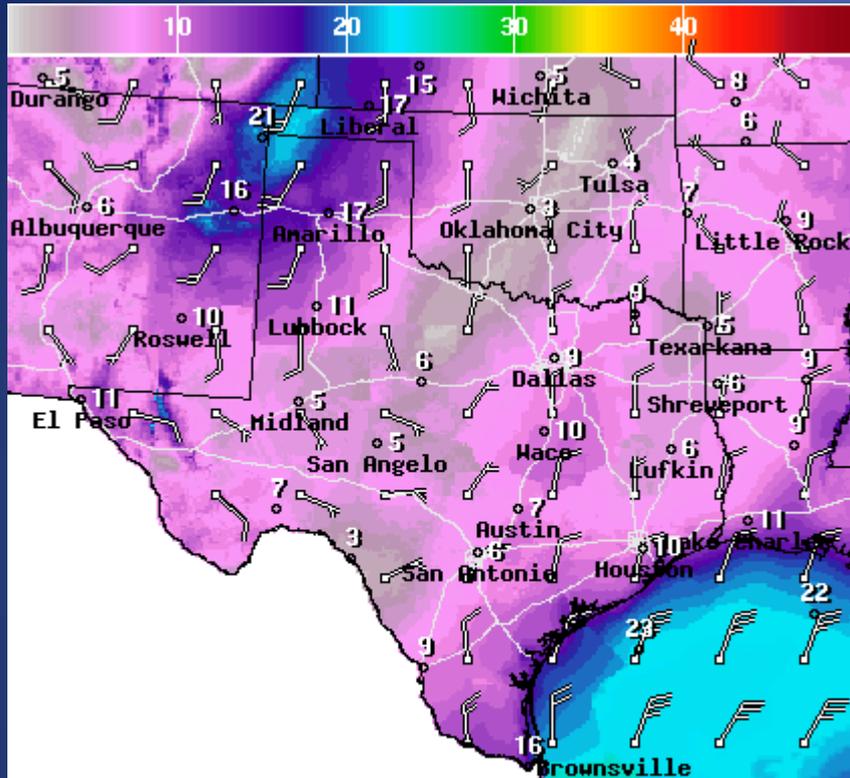


Highs



Lows

Weather Forecast



WindSpd(Kts) & WindDir For Sat Nov 19 2016 4PM EST
(Sat Nov 19 2016 21Z)

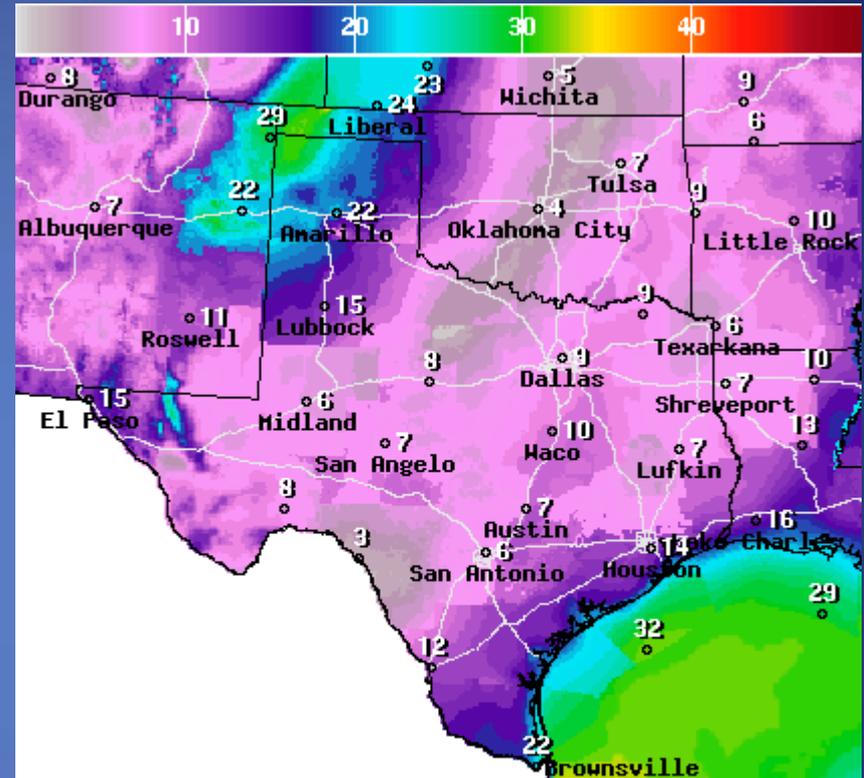


National Digital Forecast Database

05z issuance Graphic created-Nov 19 12:26AM EST



Wind Speeds



Wind Gust(Kts) Sat Nov 19 2016 4PM EST
(Sat Nov 19 2016 21Z)



National Digital Forecast Database

05z issuance Graphic created-Nov 19 12:28AM EST



Gusts

Hazardous Weather

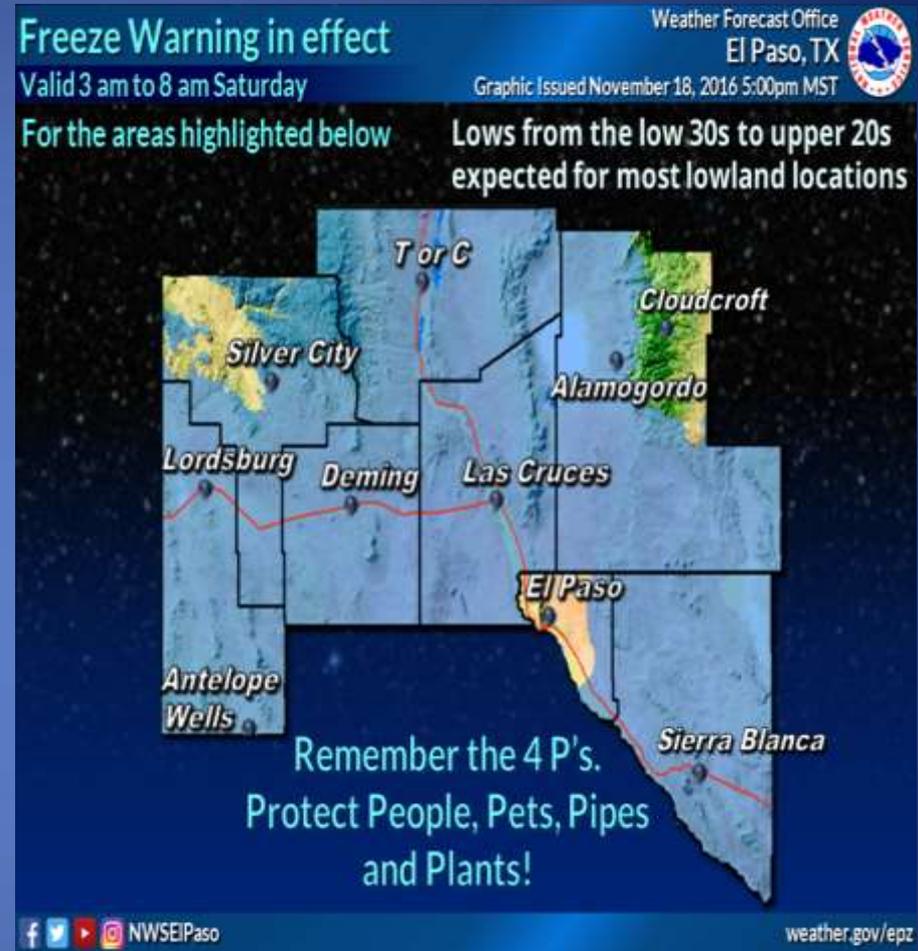
Highlighted Area: FEMA Region 6

Last Updated: Nov 19 2016 0641 AM CST
Valid Until: Nov 20 2016 0600 AM CST

Severe Weather Outlook Saturday, November 19, 2016



Hazardous Weather



A freeze warning is in effect for most of Oklahoma and western north Texas tonight. These conditions will kill tender plants that are left outside or unprotected. Cover tender plants, such as potted plants or bring them inside away from the cold. Outdoor pets should have a warm, dry shelter with food and water.

A cold night is in store for the borderland, as our daytime warmth radiates quickly into space. Morning lows will range from the low 30s to upper 20s for most lowland locations. Lows in sheltered alpine valley locations will be even colder. Remember the 4 P's... Protect People, Pets, Pipes and Plants!

Hazardous Weather

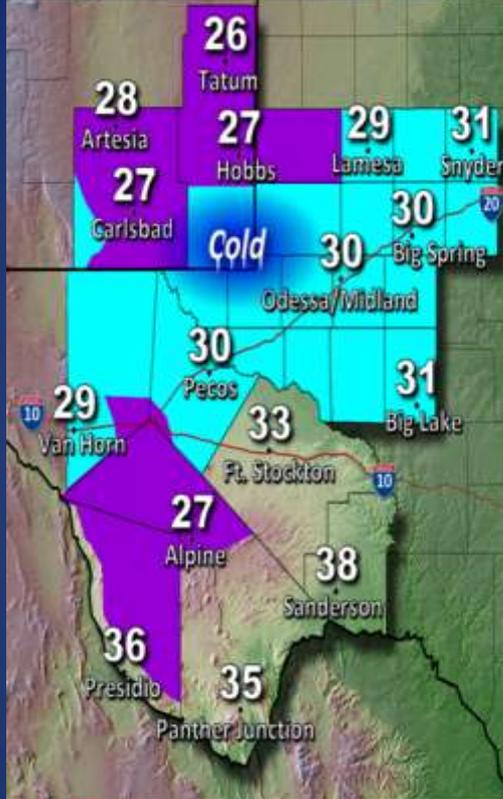
Freezing Temps This Morning

Morning lows with freeze/hard freeze warnings

Weather Forecast Office
Midland/Odessa TX



Issued November 19, 2016 1:34 AM CDT



Timing

Both the **Hard Freeze Warning** and **Freeze Warning** remain in effect until 9 AM CST this morning

Impacts

+ Sensitive plants or crops will be killed or damaged if left unprotected

Preparedness Actions

+ To prevent freezing and possible bursting of outdoor water pipes, they should be wrapped, drained or allowed to drip slowly.

f t NWSMidland

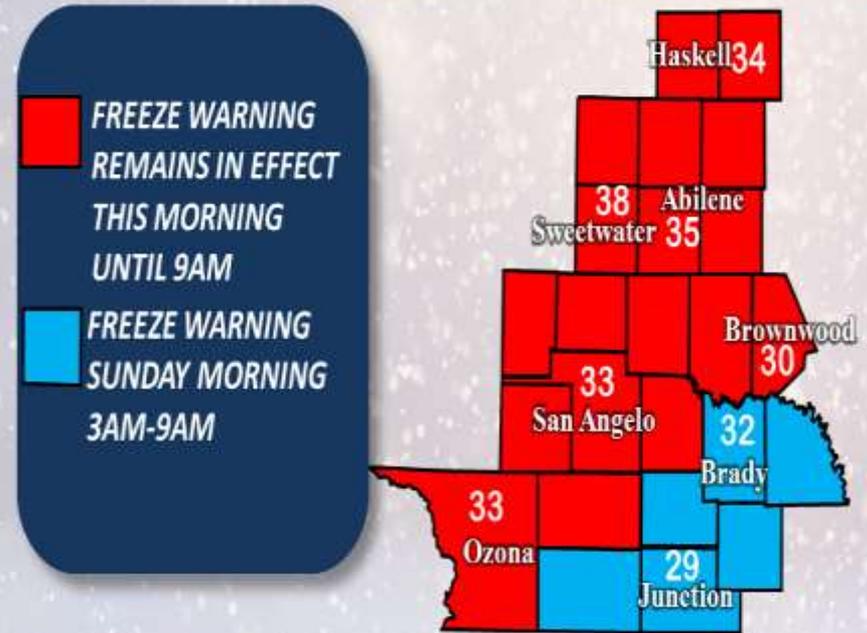
weather.gov/maf

Freeze/Hard Freeze Warnings remain in effect until mid morning for Southeast New Mexico most of West Texas. A hard freeze is anticipated across the Guadalupe, Davis, and Apache Mountains, northwest Eddy County, northern and central Lea County, Gaines County, and the Marfa Plateau.



Freeze Warning!

Sunday Morning Low Temperatures



The Freeze Warning for the northwestern 2/3 of the area will remain in effect through 9 AM Saturday morning. A new Freeze Warning has been issued for the Northwest Hill Country for Saturday night into Sunday morning as temperatures there should fall to below freezing by Sunday morning.

Hazardous Weather



Clear and Cold Tonight

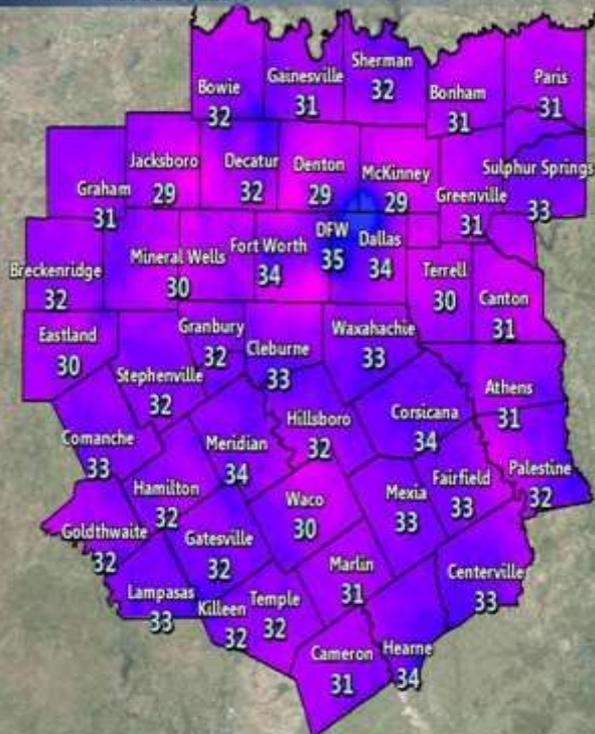
National Weather Service Fort Worth

Forecast Lows

A Freeze Warning is in effect area wide. Even in locations that remain above freezing, frost is likely.

Take actions to protect tender vegetation:

- Either bring plants indoors or
- Cover them with a sheet or other non-plastic material.



@NWSFortWorth
weather.gov/FortWorth



2:46 AM CST
Sat Nov 19 2016
National Weather Service
Fort Worth, TX

A Freeze Warning is in effect area wide overnight tonight into Sunday morning as temperatures in most locations will at least briefly fall to freezing. Even in locations that remain above freezing, frost is likely. Take takes to protect your tender vegetation. Either bring plants indoors or cover them with a sheet, blanket or other non-plastic materials.

...FREEZE WARNING IN EFFECT UNTIL 9 AM SUNDAY...

Time Issued: 3:08 AM CST Saturday, November 19, 2016 Product Details:



THE NATIONAL WEATHER SERVICE IN SHREVEPORT HAS ISSUED A FREEZE WARNING, WHICH IS IN EFFECT FROM MIDNIGHT TONIGHT TO 9 AM CST SUNDAY.

* EVENT, TEMPERATURES WILL FALL BELOW 32 DEGREES OVERNIGHT TONIGHT ACROSS THE ENTIRE AREA. LOCATIONS IN SOUTHEAST OKLAHOMA AND SOUTHERN ARKANSAS COULD EXPERIENCE TEMPERATURES IN THE MID TO UPPER 20S.

* TIMING, OVERNIGHT TONIGHT THROUGH MID MORNING SUNDAY.

* IMPACT, CROPS, TENDER VEGETATION, AND SENSITIVE PLANTS COULD BE DAMAGED OR KILLED IF LEFT OUTDOORS OR UNPROTECTED.

Weather Warning/Advisories Issued

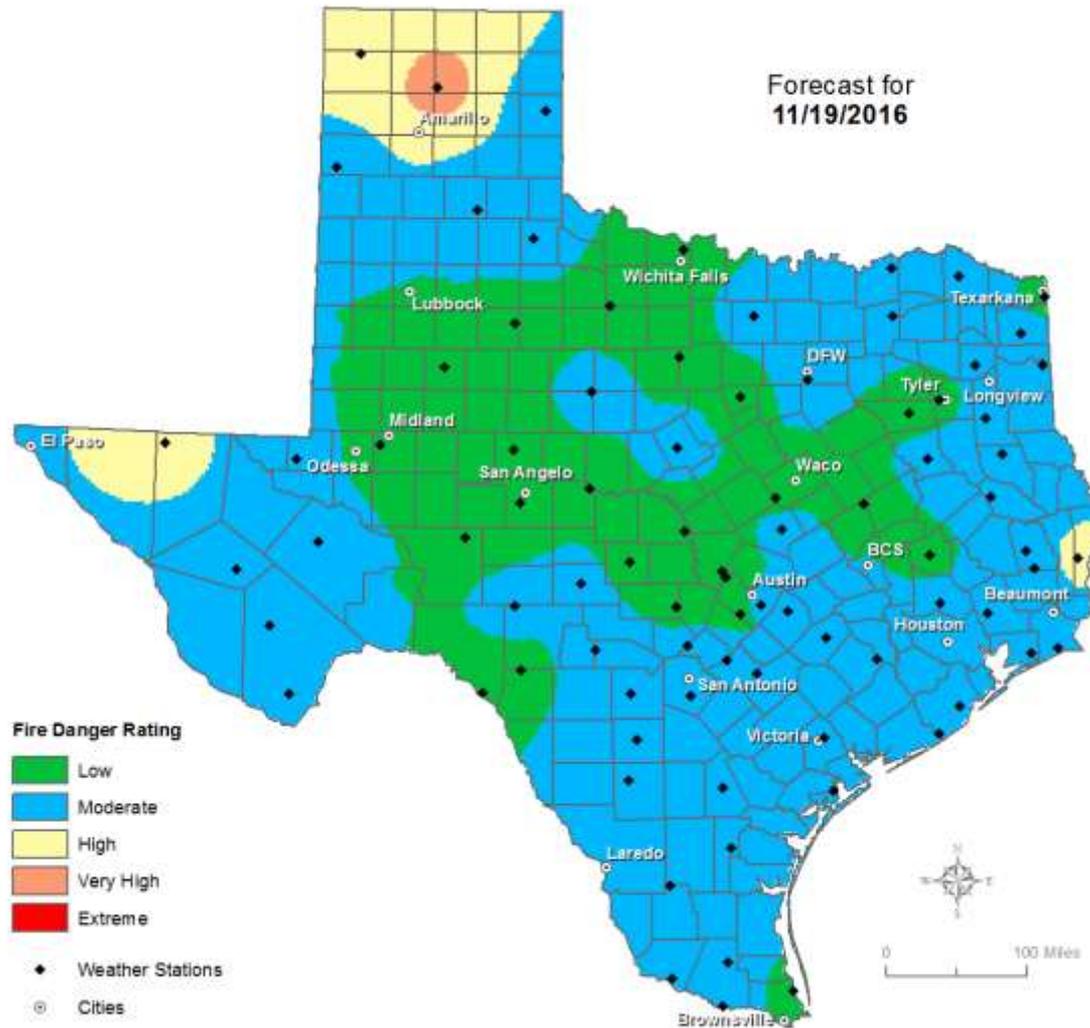
DATE	WARNING TYPE	LOCATION
11/18/16	Severe Thunderstorm Warning	San Patricio County
11/18/16	Urban And Small Stream Flood Advisory	Kleberg, Nueces and Victoria Counties
11/18/16	Freeze Warning	Andrews, Borden, Brown, Callahan, Coke, Coleman, Concho, Cooke, Crane, Crockett, Dawson, Eastland, Ector, Fisher, Gaines, Glasscock, Guadalupe Mountains, Haskell, Howard, Hueco Mountains, Hudspeth, Irion, Jack, Jones, Loving, Martin, Midland, Mitchell, Montague, Nolan, Northern Hudspeth Highlands, Palo Pinto, Reagan, Reeves, Rio Grande Valley of Eastern El Paso, Rio Grande Valley of Eastern Hudspeth County, Runnels, Salt Basin, Schleicher, Scurry, Shackelford, Southern Hudspeth Highlands, Stephens, Sterling, Taylor, Throckmorton, Tom Green, Upper Trans Pecos, Upton, Van Horn and Highway 54 Corridor, Ward, Winkler, Wise and Young Counties
11/18/16	Hard Freeze Warning	Culberson, Jeff Davis, and Presidio Counties
11/18/16	Freeze Warning Remains In Effect	Archer, Armstrong, Baylor, Clay, Collingsworth, Donley, Foard, Hardeman, Knox, Wheeler, Wichita and Wilbarger Counties

Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
11/19/16	Hard Freeze Warning	Gaines County
11/19/16	Freeze Warning	Anderson, Angelina, Archer, Bandera, Bell, Blanco, Bosque, Bowie, Burnet, Camp, Cass, Cherokee, Clay, Collin, Comal, Comanche, Cooke, Coryell, Dallas, Delta, Denton, Eastland, Edwards, Ellis, Erath, Falls, Fannin, Franklin, Freestone, Gillespie, Grayson, Gregg, Hamilton, Harrison, Hays, Henderson, Hill, Hood, Hopkins, Hunt, Jack, Johnson, Kaufman, Kendall, Kerr, Kimble, Kinney, Lamar, Lampasas, Leon, Limestone, Llano, Marion, Mason, McCulloch, McLennan, Medina, Menard, Milam, Mills, Montague, Morris, Nacogdoches, Navarro, Palo Pinto, Panola, Parker, Rains, Real, Red River, Robertson, Rockwall, Rusk, Sabine, San Augustine, San Saba, Shelby, Smith, Somervell, Stephens, Sutton, Tarrant, Titus, Travis, Upshur, Uvalde, Val Verde, Van Zandt, Wichita, Wilbarger, Williamson Wise, Wood and Young Counties
11/19/16	Freeze Warning Remains In Effect	Baylor, Foard, Hardeman and Knox

Fire Danger Forecast

Forecast Fire Danger



Burn Bans and KBDI INDEX

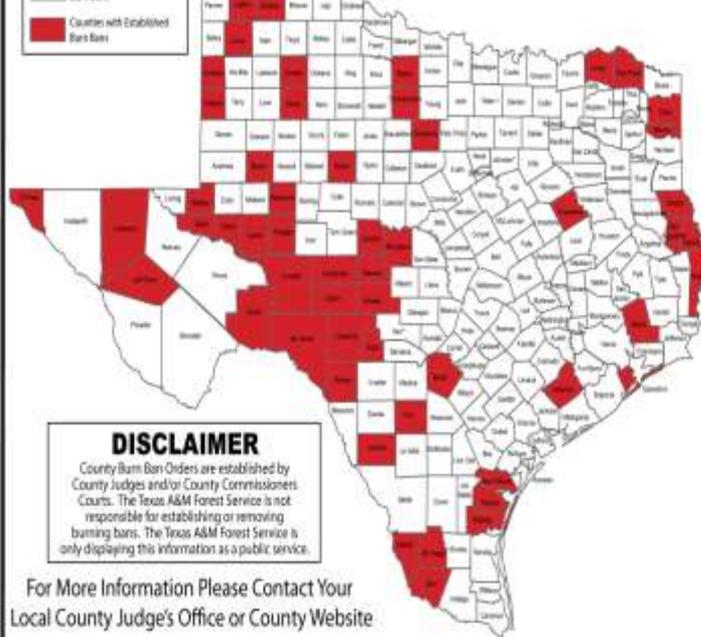
OUTDOOR BURN BANS

November 18, 2016



Counties without Established Burn Bans
 Counties with Established Burn Bans

Email updates to:
burnban@tfs.tamu.edu



DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your Local County Judge's Office or County Website

RED FLAG WARNINGS: www.weather.gov
Burn Ban RSS feed available at <http://tfsrfp.tamu.edu/wildfires/BurnBan.xml>

Counties with Burn Bans: 65-

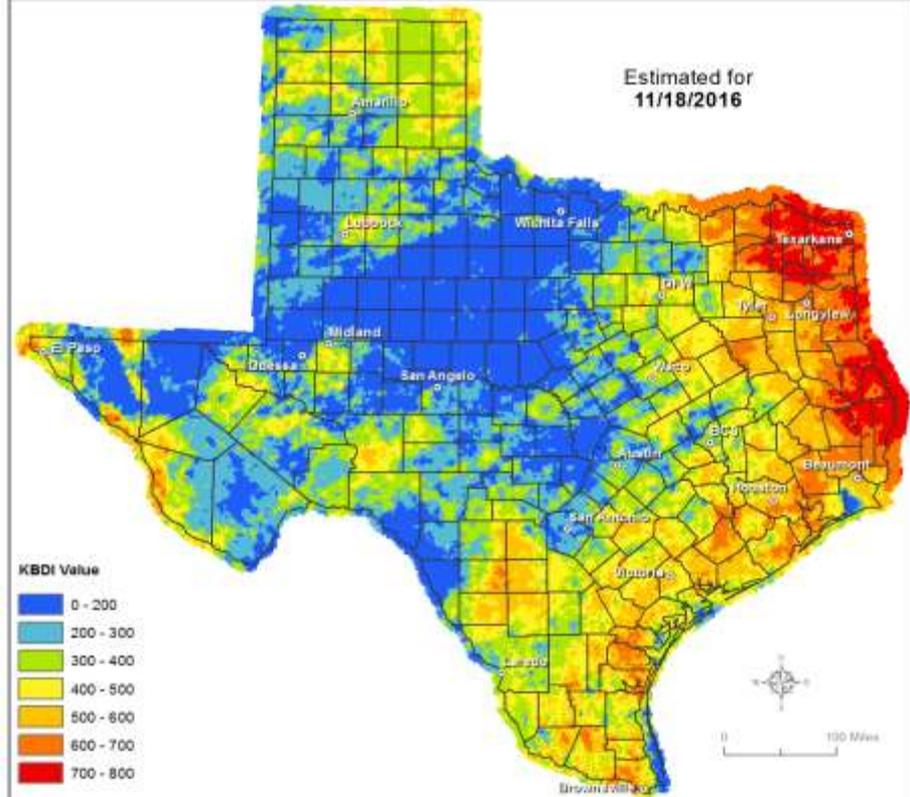
- | | |
|---------------|--------------|
| Armstrong | Sherman |
| Baylor* | Star |
| Brewer | Stephens |
| Cass | Sutton |
| Castro | Swisher |
| Cochran | Tennell |
| Concho | Throckmorton |
| Cone | Upton |
| Crockett | Val Verde |
| Crosby | Ward |
| Culberson | Wharton |
| Dallas | Wheeler |
| Deaf Smith | Winkler* |
| Dinwiddie | Yoakum |
| Edwards | Zapata |
| El Paso | |
| Freestone | |
| Frio | |
| Gallatin | |
| Garza | |
| Glasscock | |
| Hartley | |
| Hutchinson | |
| Jeff Davis | |
| Jim Hogg | |
| Kimble | |
| Kinney | |
| Kleberg | |
| Lamar | |
| Lamb | |
| Liberty | |
| Marton | |
| Martin | |
| McClulloch | |
| Mesard | |
| Moores | |
| Newton | |
| Nolan | |
| Nuñez | |
| Oldham | |
| Potter | |
| Randall | |
| Reagan | |
| Real | |
| Red River | |
| Sabine | |
| San Augustine | |
| San Patricio | |
| Schleicher | |
| Shelby | |

* Burn Bans are not always in place during a Part 4a Warning. No Burn Bans are in effect during a County Fire Ban.

Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
11/18/2016



KBDI Value

- 0 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- 500 - 600
- 600 - 700
- 700 - 800



Produced by TAMU Spatial Sciences Laboratory in partnership with Texas A&M Forest Service



Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
11/19/16	Fire Danger Statement	Armstrong, Carson, Dallam, Deaf Smith, Gray, Hansford, Hardin, Hartley, Hemphill, Hutchinson, Jasper, Jefferson, Lipscomb, Moore, Newton, Ochiltree, Oldham, Orange, Potter, Randall, Roberts, Sherman and Tyler Counties

Training

DATES		TITLE	COURSE	LOCATION
11/18/16	11/20/16	Community Emergency Response Team (CERT) Course	G-317	New Braunfels
11/18/16	11/20/16	Intermediate Incident Command System for Expanding Incidents	G-300	Austin
11/19/16	11/20/16	Advanced Incident Command System, Command and General Staff	G-400	Laredo

Statewide Significant Events

DATE(S)		LOCATION	EVENT
11/19/16	11/19/16	Dallas	Southern Methodist University Football Game
11/19/16	11/19/16	Fort Worth	Texas Christian University Football Game
11/19/16	11/19/16	Denton	University of North Texas Football Game
11/19/16	11/19/16	College Station	Texas A&M University Football Game
11/19/16	11/19/16	Houston	Rice University Football Game
11/19/16	11/19/16	Waco	Baylor University Home Football Game
11/19/16	11/19/16	San Marcos	Dripping Springs vs. Angleton High School Football Playoffs