

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Wednesday, August 17th 2016
As of 0900 CST

Tropical Weather Awareness

Atlantic Tropical Cyclones and Disturbances

www.hurricanes.gov



8:00 am EDT
Wed Aug 17 2016

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

Current Disturbances and Two-Day Cyclone Formation Chance: ✘ < 40% ✘ 40-60% ✘ > 60%
Tropical or Sub-Tropical Cyclone: ○ Depression 🌀 Storm 🌀 Hurricane
⊗ Post-Tropical Cyclone ✘ Remnants

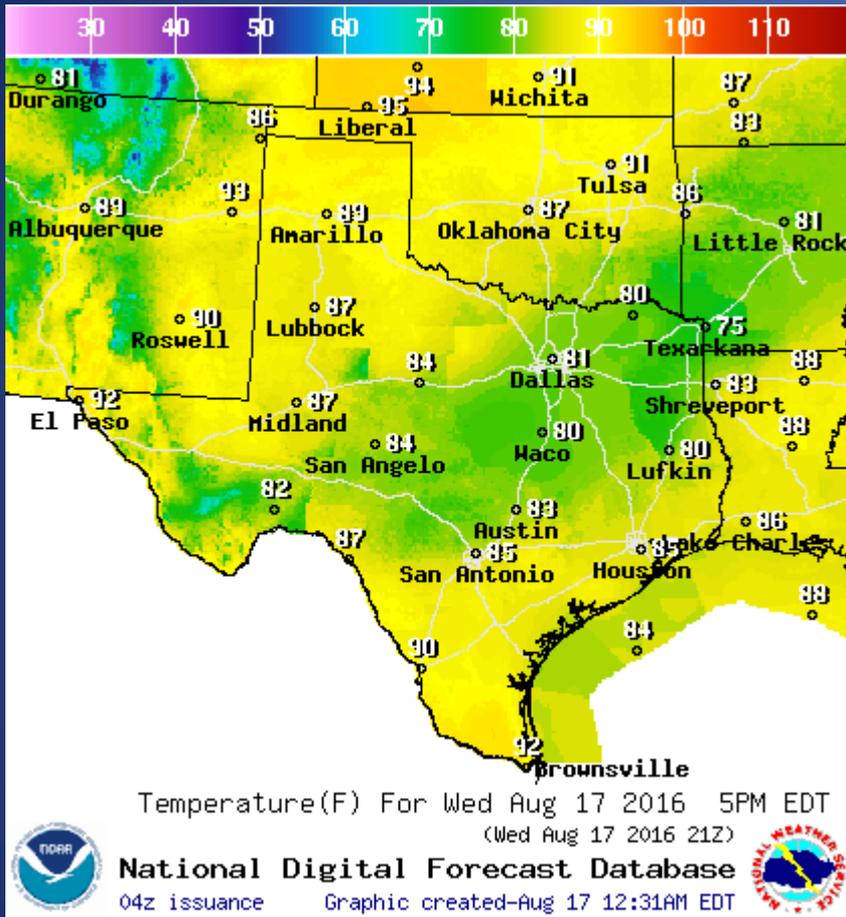
Incidents Reported to the State Operations Center (last 24 hours)

DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
08/17/16	Initial Report of a Road Closure (US 90A)	Colorado County	N

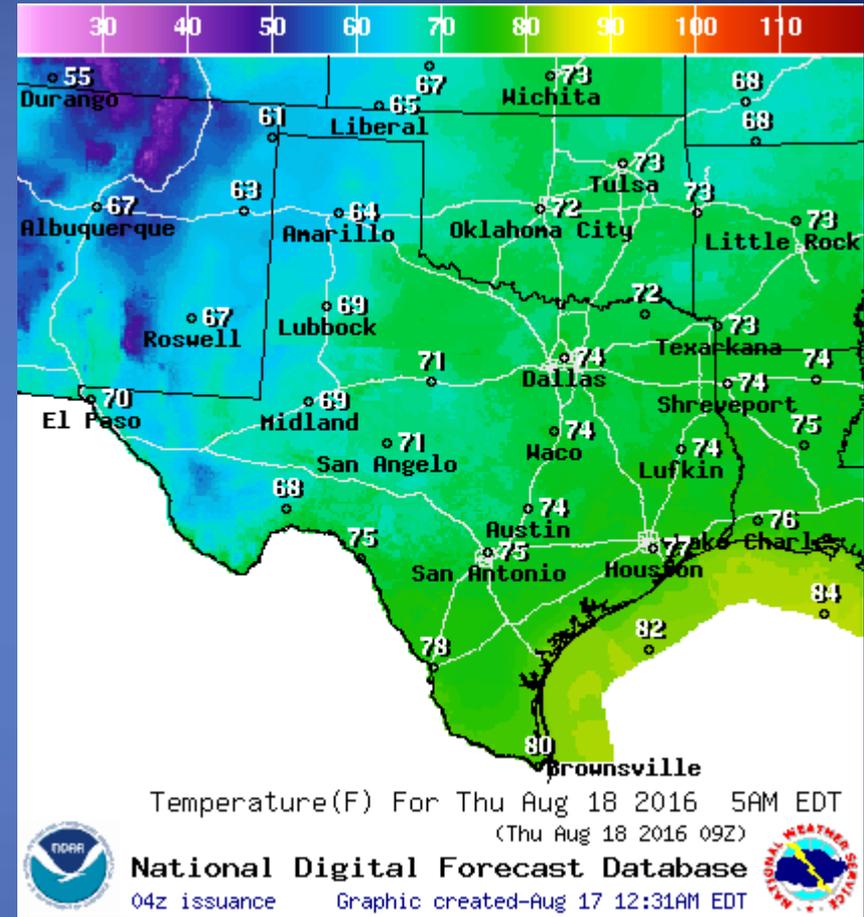
Informational Products Distributed by the State Operations Center

DATE	SUBJECT
08/16/16	Update- Fire Cost Report
08/16/16	NWS Houston/Galveston: Tuesday Afternoon Weather Update for Southeast Texas
08/17/16	NWS Austin/San Antonio: Locally Heavy Rainfall Possible Through This Evening
08/17/16	Daily NWS Threat Brief for FEMA Region 6

Weather Forecast

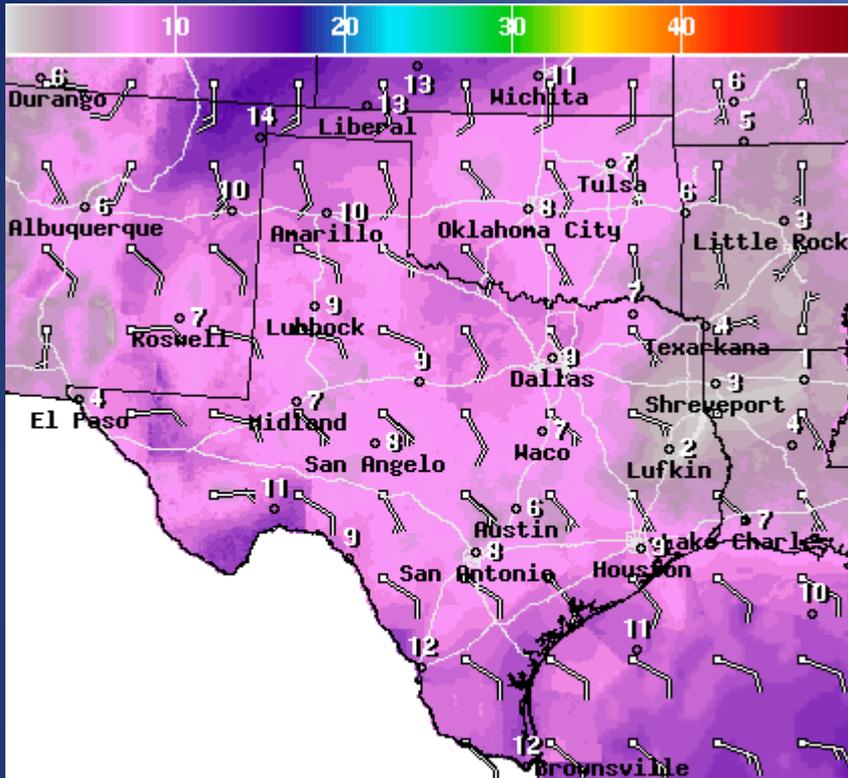


Highs



Lows

Weather Forecast



WindSpd(Kts) & WindDir For Wed Aug 17 2016 5PM EDT
(Wed Aug 17 2016 21Z)

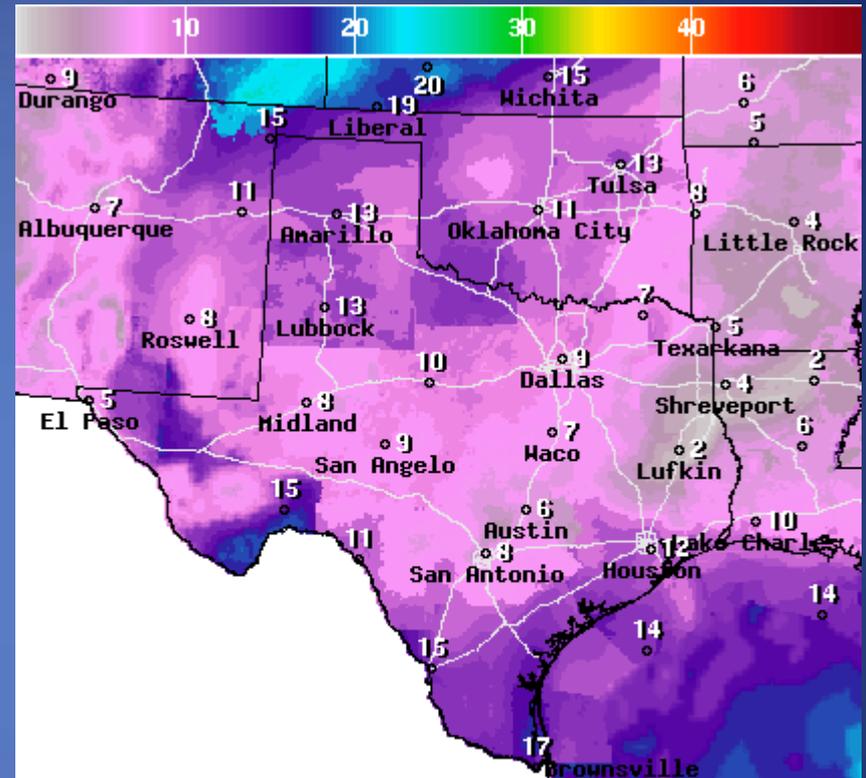


National Digital Forecast Database

04z issuance Graphic created-Aug 17 12:36AM EDT



Wind Speeds



Wind Gust(Kts) Wed Aug 17 2016 5PM EDT
(Wed Aug 17 2016 21Z)



National Digital Forecast Database

04z issuance Graphic created-Aug 17 12:38AM EDT



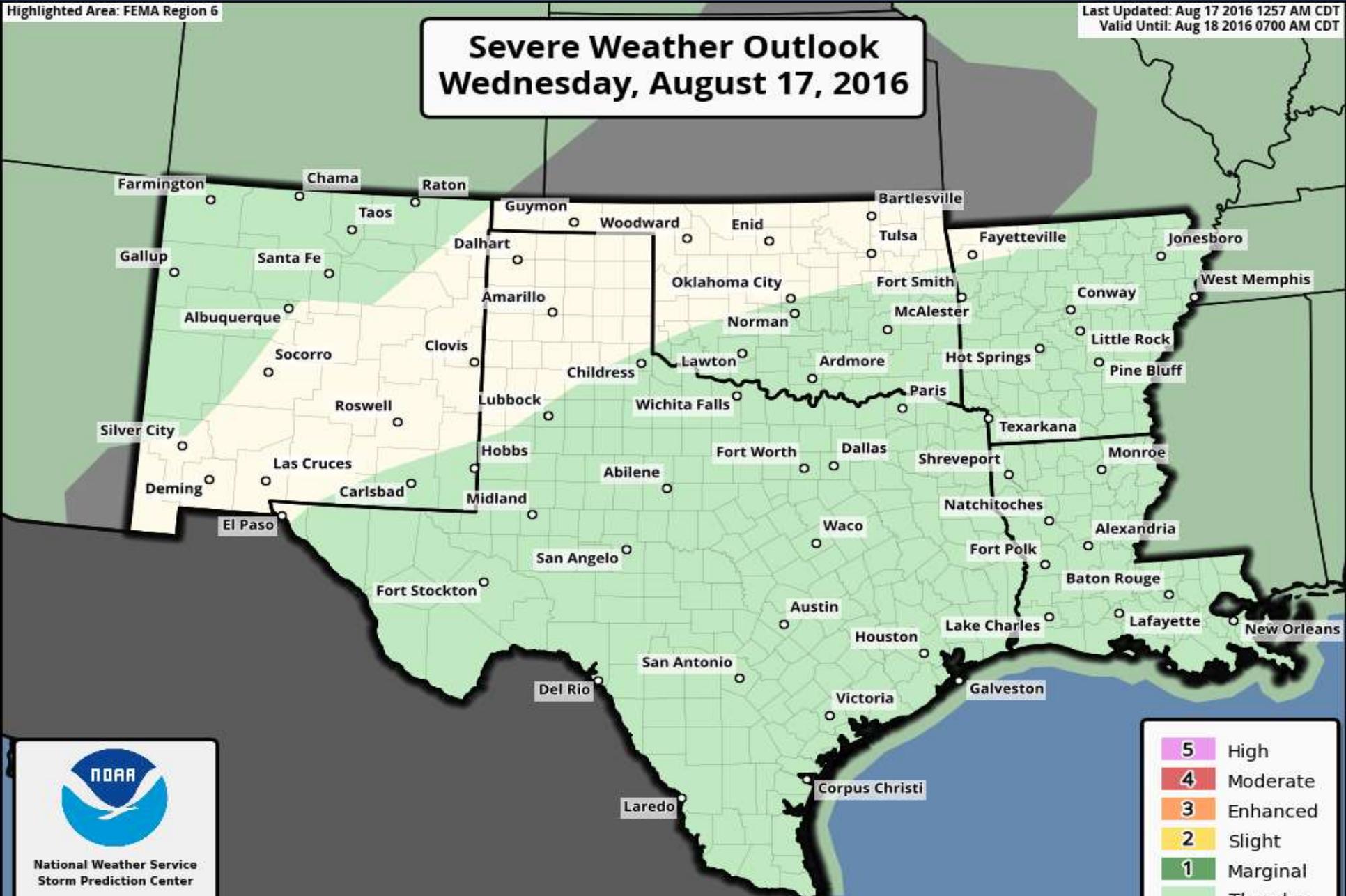
Gusts

Hazardous Weather

Highlighted Area: FEMA Region 6

Last Updated: Aug 17 2016 12:57 AM CDT
Valid Until: Aug 18 2016 07:00 AM CDT

Severe Weather Outlook Wednesday, August 17, 2016



5	High
4	Moderate
3	Enhanced
2	Slight
1	Marginal
0	Low



National Weather Service
Storm Prediction Center

Hazardous Weather



Flash Flood Watch in effect thru 7 A.M. Thursday

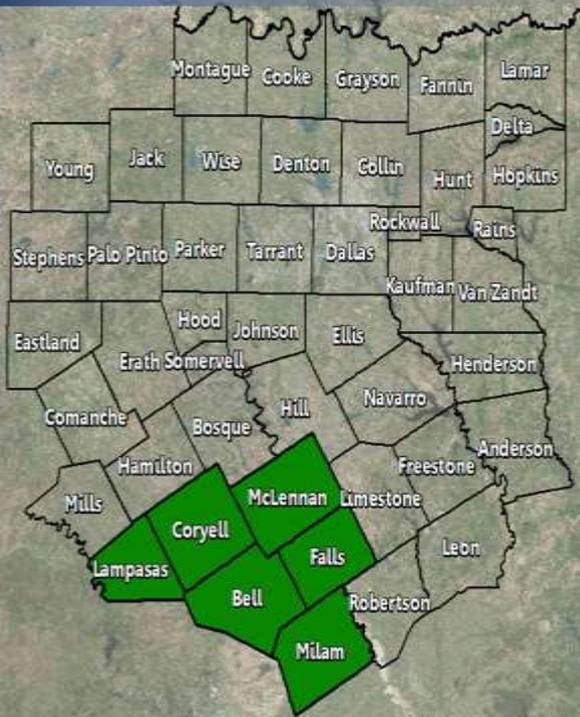
National Weather Service Fort Worth

A **Flash Flood Watch** is in effect thru 7 A.M. Thursday for the counties shaded in green.

An additional 1 to 2 inches of rain will be possible in the watch area.

If you come across flooded roadways, turn around, don't drown!

**TURN
AROUND
DON'T
DROWN**



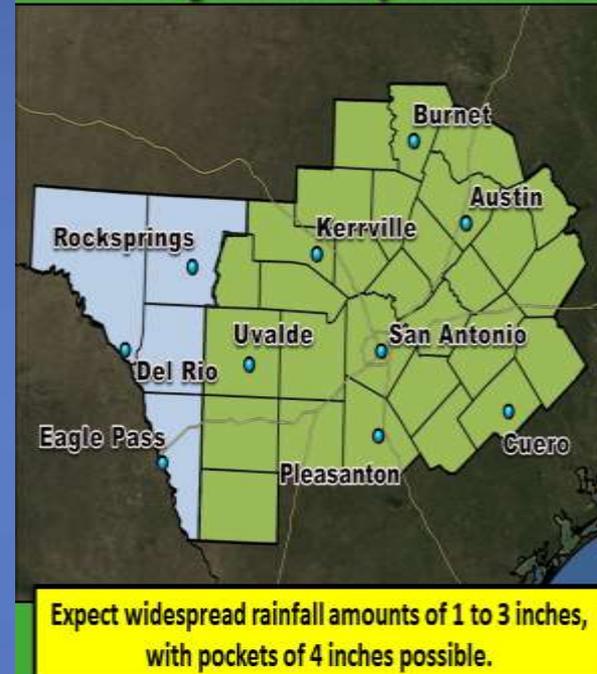
[f](#) [v](#) [t](#) @NWSFortWorth
weather.gov/FortWorth

4:38 AM CDT
Wed Aug 17 2016
National Weather Service
Fort Worth, TX

A Flash Flood Watch is in effect thru 7 A.M. Thursday mainly for areas in Central TX. An additional 1 to 2 inches of rainfall is expected to fall over an area that has already seen anywhere between 2 and 4 inches of rain over the past several days. If you come across flooded roadways, turn around, don't drown!

Flash Flood Watch

Through 7 PM Today for Counties Shaded in Green



Expect widespread rainfall amounts of 1 to 3 inches, with pockets of 4 inches possible.

- A Flash Flood Watch means heavy rainfall may lead to Flash Flooding.
- Flash Flooding is a very dangerous situation.
- Ensure that you have multiple ways to receive warnings (radio/TV, NOAA Weather Radio, Smartphone apps, etc.)
- Monitor later forecasts and be prepared to take action should Flash Flood Warnings be issued.
- **Remember:**
**TURN AROUND,
DON'T DROWN.**



@NWSsanAntonio
weather.gov/ewx



4:31 AM CDT
Wed Aug 17 2016
National Weather Service
Austin-San Antonio, TX

A Flash Flood Watch is in effect for most of South-Central Texas except for Val Verde, Edwards, Kinney, and Maverick Counties through 7 PM CDT Today. Rainfall amounts of 1 to 3 inches with isolated amounts up to 4 inches are possible. Please monitor the weather conditions and forecasts closely over the next few days as the heavy rainfall potential will continue through Wednesday.

Hazardous Weather



National Weather Service Houston/Galveston TX

Today - Flash Flood Watch for most areas

Flash Flood Watch Until 7 PM



- ❑ Embedded clusters of stronger and slow moving storms are possible.
- ❑ Localized 3 to 5+ inch amounts could fall in a short period of time.
- ❑ Flash flooding of streets, creeks, and bayous can occur where this happens.
- ❑ Threat is highest for those that have already seen several inches of rain in the past couple days and where ground is saturated.
- ❑ There will be a wide range of rainfall totals again today...sometimes over short distances.

weather.gov/houston



Social Media:
NWSHouston



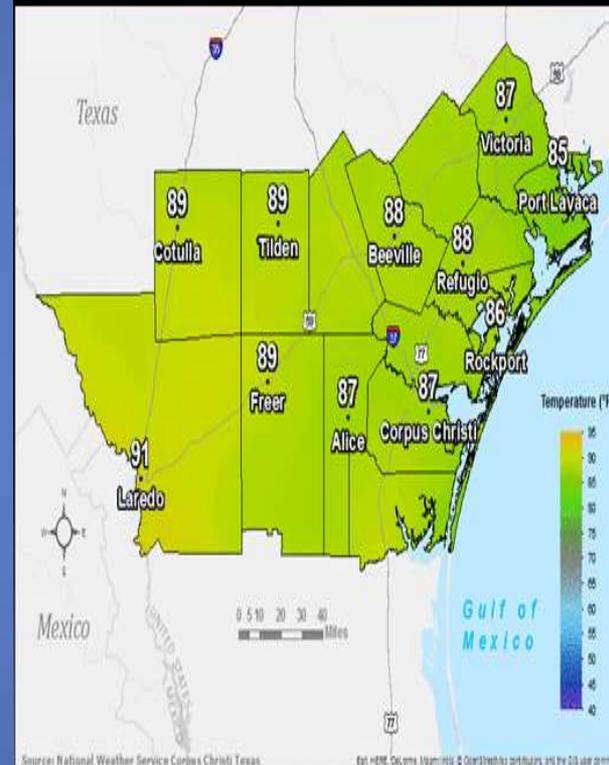
7:44 AM CDT
Wed Aug 17 2016
National Weather Service
Houston/Galveston, TX

Flash Flood Watch in effect through 7 PM this evening.



Today

Scattered/Numerous Showers & T'Storms Impacts:



- ❑ Best chances across Coastal Plains/Victoria Crossroads.
- ❑ Localized heavy rain and flash flooding possible.
- ❑ E-SE Wind 10-15 mph

Issued at 5:35 AM - August 17, 2016

Scattered to Numerous showers and isolated thunderstorms are expected again today. Locally heavy rainfall will be possible along with localized flash flooding, especially across the central areas that have been plagued with heavy rain these past few days.

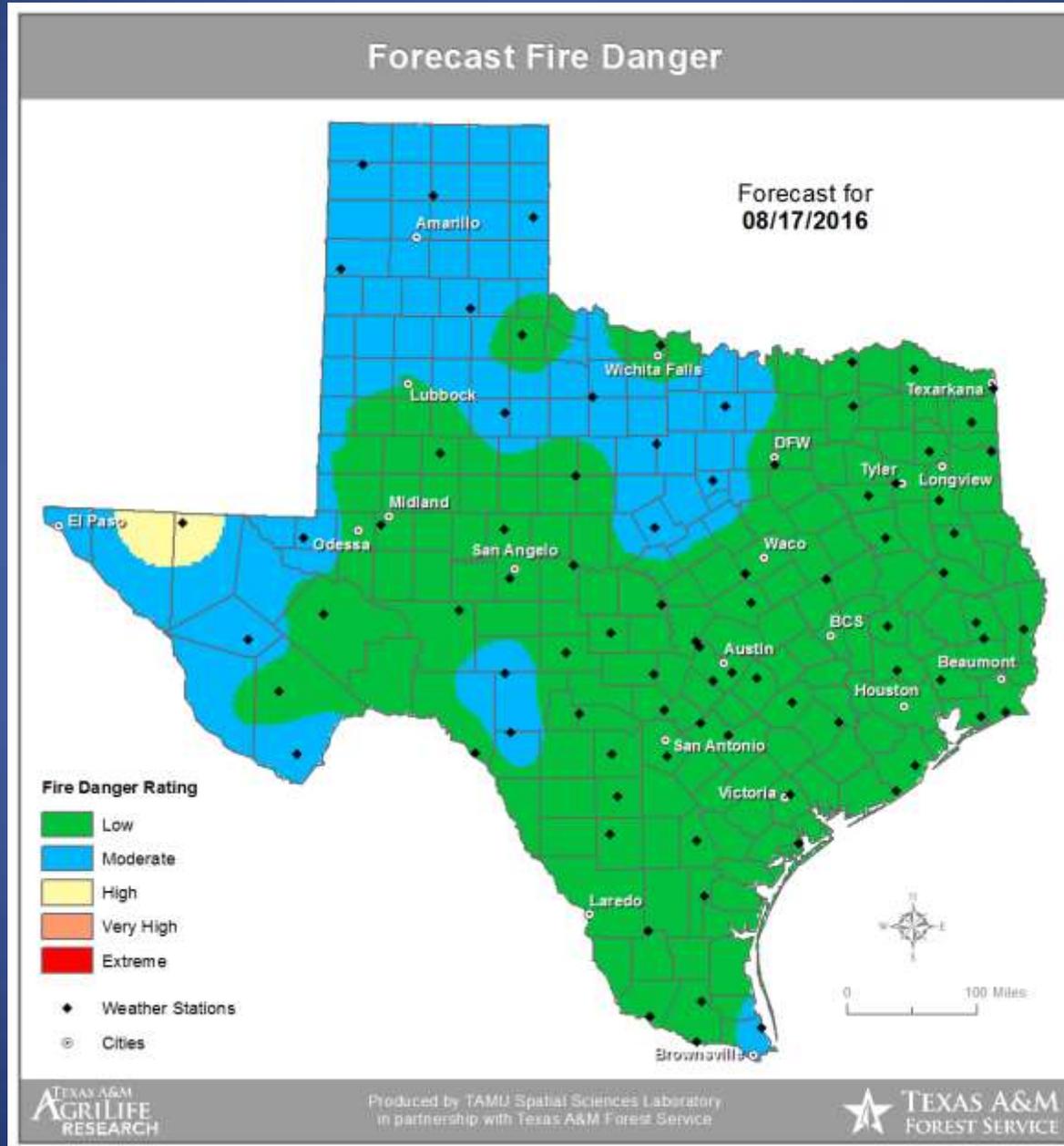
Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
08/16/16	Flash Flood Warning	Bandera, Bastrop, Bexar, Burnet, Caldwell, DeWitt, Fayette, Gonzalez, Jim Wells, Kendall, Lavaca, Lee, Live Oak, Medina, Travis and Williamson Counties
08/16/16	Urban and Small Stream Flood Advisory	Calhoun, Kleberg, Refugio, Bastrop, Caldwell, Travis, Victoria, Jim Wells, Nueces, Limestone, Live Oak, Bell, Milam, Coryell, McMullen, Falls and McLennan Counties
08/16/16	Flood Advisory	Bastrop, Dimmit, Zavala, Burnet, Duval, Atascosa, Bandera, Bexar, Lee, Blanco, Comal, Frio, Guadalupe, Hays, Kendall, Williamson, Bell, Harris, Montgomery, Lampasas, Coryell, Galveston, Liberty, Polk, Chambers, Travis, Hays, Matagorda and Wharton Counties
08/16/16	Severe Thunderstorm Warning	Harrison, Panola Counties
08/16/16	Flood Warning	Onion Creek in Travis County; South Fork San Gabriel River in Williamson County
08/16/16	Small Stream Flood Advisory	Milam County
08/17/16	Flash Flood Warning	Bell, Burnet and Travis Counties
08/17/16	Flood Advisory	Bexar, Burnet Coryell, Hamilton and Lampasas Counties

Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
08/17/16	Urban and Small Stream Flood Advisory	Bell, Coryell, McLennan and Williamson Counties
08/17/16	Flood Advisory Extended	Coryell and Hamilton Counties

Fire Danger Forecast



Burn Bans and KBDI INDEX

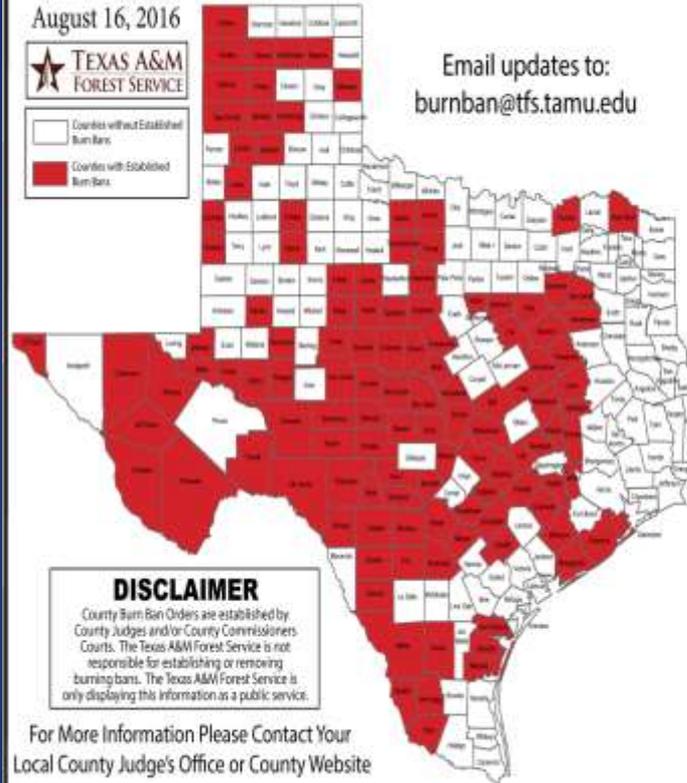
OUTDOOR BURN BANS

August 16, 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://tfsfrp.tamu.edu/wildfires/BurnBan.xml>

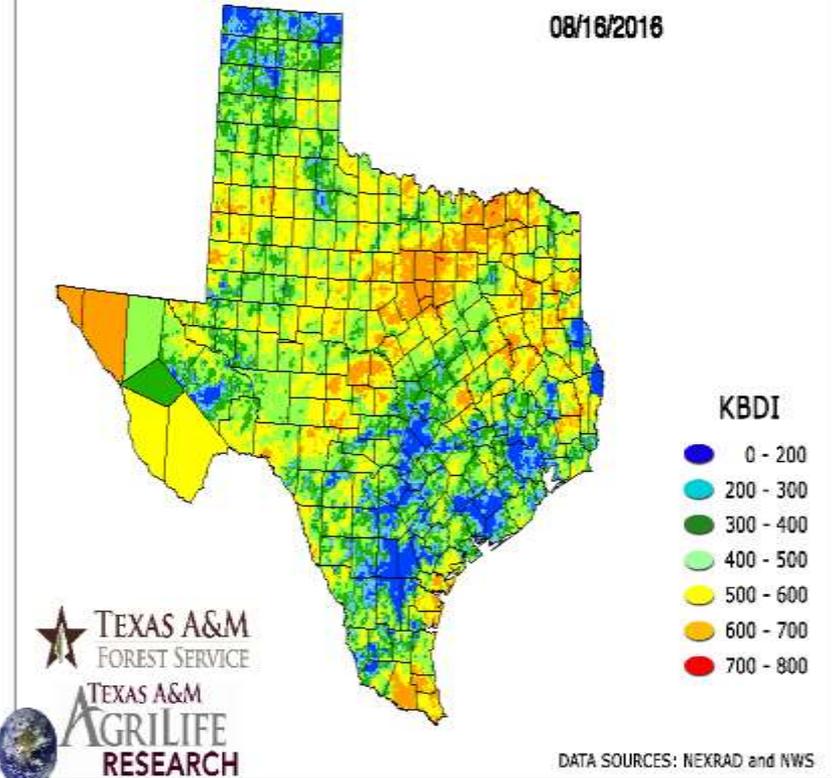
Counties with Burn Bans: 122

- | | | |
|-------------------|-------------|--------------|
| Archer | Henderson | Terrell |
| Armstrong | Hill | Throckmorton |
| Atascosa | Hood | Tom Green |
| Austin | Hutchinson | Texas |
| Bandera | Jeff Davis | Upton |
| Bastrop | Jim Hogg | Uvalde |
| Bay* [†] | Johnson | Val Verde |
| Bell | Jones | Van Zandt |
| Bexar | Kaufman | Walker |
| Blanco | Kendall | Ward |
| Brewster | Kerr* | Webb |
| Brown | Kimble | Wharton |
| Brewster | Kinney | Williamson |
| Brewster | Kiowa | Wheeler |
| Brewster | Knox | Wilson |
| Brewster | Lamb | Winkler* |
| Brewster | Lampasas | Young |
| Brewster | Lee | Young |
| Brewster | Leon | Zapata |
| Brewster | Limestone | Zavala |
| Brewster | Llano | |
| Brewster | Madison | |
| Brewster | Martin | |
| Brewster | Mason | |
| Brewster | Matagorda | |
| Brewster | McCluskey | |
| Brewster | Madina | |
| Brewster | Mensard | |
| Brewster | Mills | |
| Brewster | Moore | |
| Brewster | Navarro | |
| Brewster | Nolan | |
| Brewster | Nueces | |
| Brewster | Oldham | |
| Brewster | Patterson | |
| Brewster | Presidio | |
| Brewster | Randall | |
| Brewster | Reagan | |
| Brewster | Real | |
| Brewster | Real River | |
| Brewster | Reeves | |
| Brewster | Roberts | |
| Brewster | Robertson | |
| Brewster | Runnels | |
| Brewster | San Antonio | |
| Brewster | San Saba | |
| Brewster | Schleicher | |
| Brewster | Starr | |
| Brewster | Stephens | |
| Brewster | Sutton | |
| Brewster | Snyder | |
| Brewster | Taylor | |

* Burn Ban in effect during a Red Flag Warning
 † Burn Ban in effect during a County for a specific

Keetch-Byram Drought Index

08/16/2016



KBDI

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



DATA SOURCES: NEXRAD and NWS

Spatial Sciences Laboratory

Training

DATES		TITLE	COURSE	LOCATION
08/15/16	08/17/16	Intermediate Incident Command System for Expanding Incidents	G-300	Laredo
08/15/16	08/17/16	Intermediate Incident Command System for Expanding Incidents	G-300	Addison
08/15/16	08/17/16	Introduction to the Computer-Aided Management of Emergency Operations (CAMEO) Suite	PER-229	Amarillo
08/15/16	08/18/16	Introduction to the Computer-Aided Management of Emergency Operations (CAMEO) Suite [ICAMEO] (Train-the-Trainer)	PER-229-1	Katy
08/15/16	08/26/16	HazMat Technician – Texas Commission on Fire Protection (TCFP) Certification	H-500	Benbrook
08/16/16	08/17/16	NFPA 472 Incident Command, Pro-Board Certification	H-502	Weslaco
08/16/16	08/17/16	Disaster Management for Water and Wastewater Utilities	MGT-343	Pharr
08/16/16	08/18/16	Community Emergency Response Team Train the Trainer	E/L/G-428	Arlington
08/16/16	08/18/16	Operational Level Response to HazMat/WMD Incidents	PER-212	Arlington

Training Continued

DATES		TITLE	COURSE	LOCATION
08/16/16	08/19/16	Instructional Presentation and Evaluation Skills	G-141	Austin
08/17/16	08/17/16	Physical and Cybersecurity for Critical Infrastructure	MGT-452	Houston
08/17/16	08/18/16	Advanced Incident Command System, Command and General Staff	G-400	Laredo
08/17/16	08/18/16	Advanced Incident Command System, Command and General Staff	G-400	Addison

Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
08/16/16	08/17/16	Palo Duro II/ Amarillo	Full Scale: Animal Borne Illness
08/17/16	08/17/16	City of Bastrop/Bastrop	Tabletop: Dam Failure

Statewide Significant Events

DATE(S)		LOCATION	EVENT
08/16/16	08/17/16	Houston	MLB Astros Baseball