

# Texas Department of Public Safety Texas Division of Emergency Management

## Texas State Operations Center

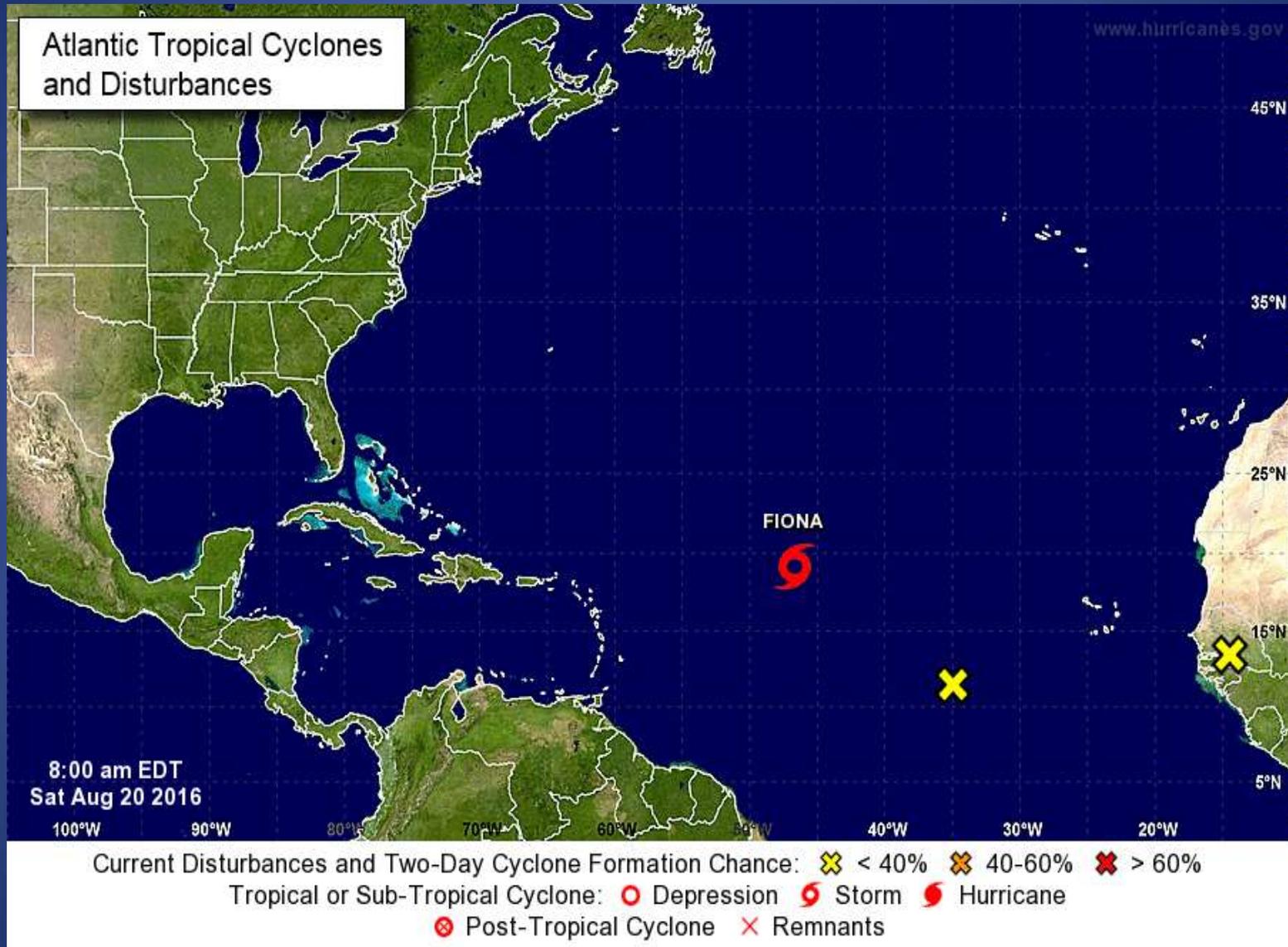


### Situation Awareness Brief



Saturday, August 20<sup>th</sup> 2016  
As of 0900 CST

# Tropical Weather Awareness



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

| <b>DATE</b> | <b>EVENT / INCIDENT</b>   | <b>LOCATION<br/>(City/County)</b> | <b>Final<br/>Report:<br/>Y/N</b> |
|-------------|---|-----------------------------------|----------------------------------|
| 08/19/16    | Initial Report of a Road Closure, IH 20                             | Gregg County                      | N                                |
| 08/19/16    | Initial Report of a Road Closure, SH 100                            | Cameron County                    | N                                |
| 08/19/16    | Final Report of a Train Derailment                                  | Stephenville/Erath<br>County      | Y                                |
| 08/19/16    | Final Report of an Explosion and Fire at<br>Apartment Complex       | Paris/Lamar County                | Y                                |
| 08/19/16    | Initial Report of a Train Derailment with<br>Perishable Goods Spill | Pittsburg/Camp County             | N                                |
| 08/19/16    | Final Report of Fertilizer Plant Explosion                          | Fannin County                     | Y                                |
| 08/19/16    | Final Report of a Road Closure (IH 20)                              | Gregg County                      | Y                                |
| 08/19/16    | Final Report of a Train Derailment with<br>Perishable Goods Spill   | Pittsburg/Camp County             | Y                                |
| 08/20/16    | Initial Report of Road Closures due to<br>Flooding                  | Kinney County                     | N                                |

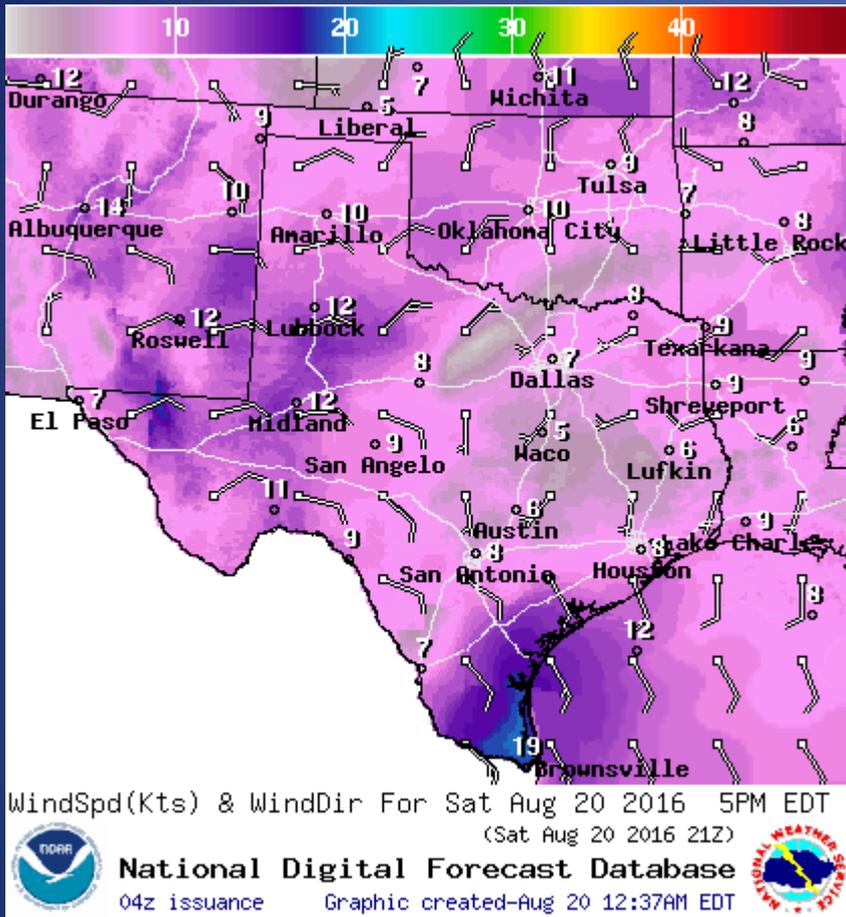
# Informational Products

## Distributed by the State Operations Center

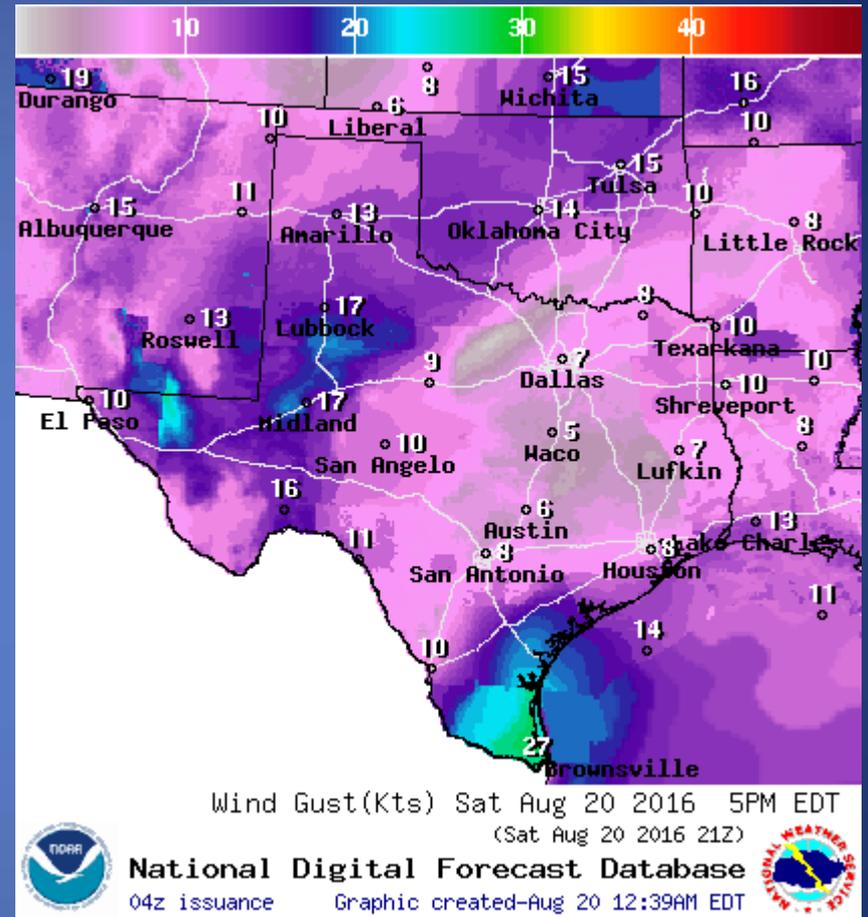
| <b>DATE</b> | <b>SUBJECT</b>  |
|-------------|---|
| 08/19/16    | NWS Fort Worth Update: Additional Rainfall This Weekend   |
| 08/19/16    | NWS Austin/San Antonio: Heavy Rainfall with Flash Flooding Possible Across Western Areas This Weekend |
| 08/20/16    | NWS Austin/San Antonio: UPDATE: Flash Flood Watch in effect for portions of South-Central Texas       |
| 08/20/16    | Daily NWS Threat Brief for Saturday, August 20, 2016 for FEMA Region 6                                |



# Weather Forecast



## Wind Speeds



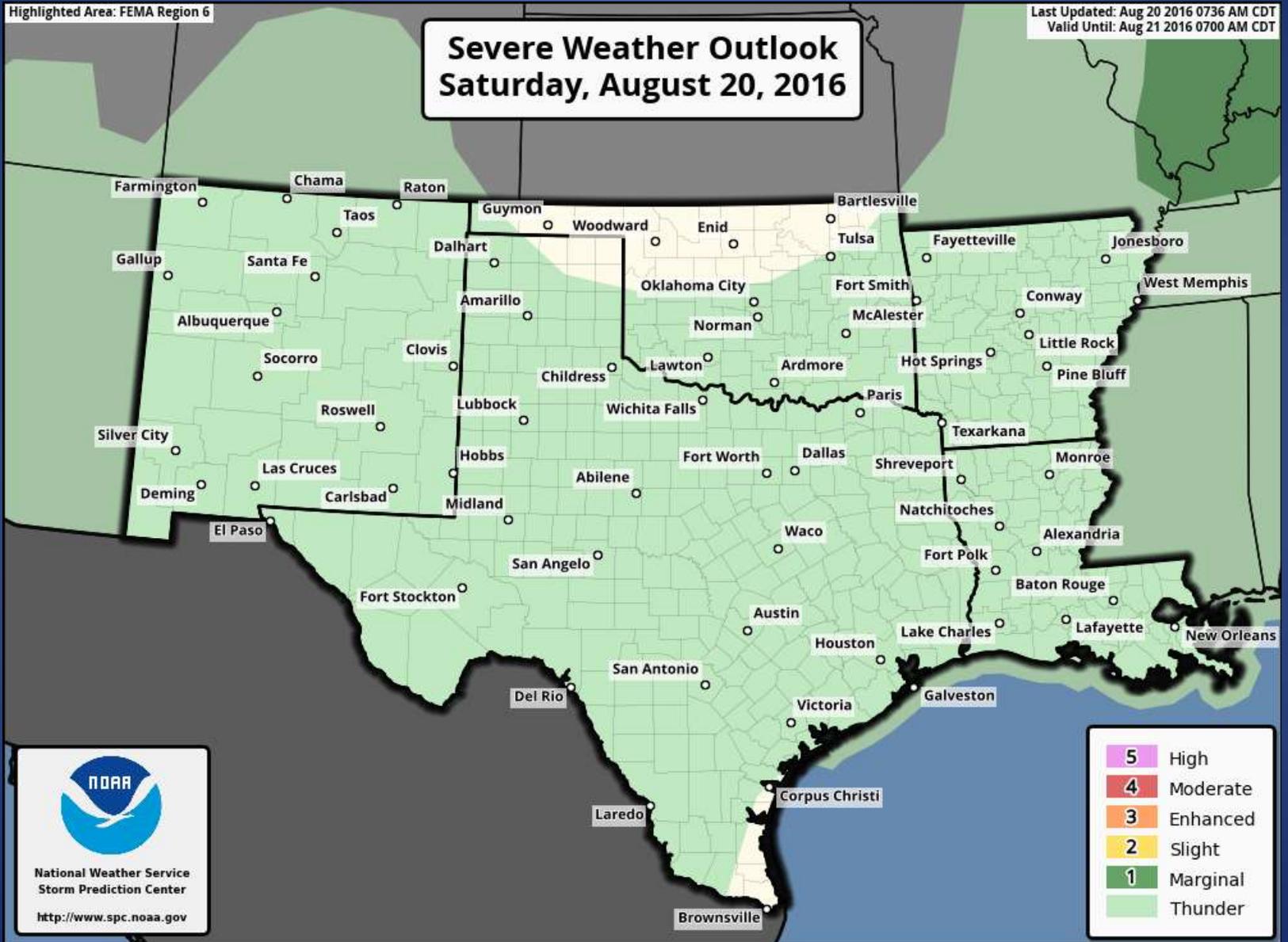
## Gusts

# Hazardous Weather

Highlighted Area: FEMA Region 6

Last Updated: Aug 20 2016 0736 AM CDT  
Valid Until: Aug 21 2016 0700 AM CDT

## Severe Weather Outlook Saturday, August 20, 2016

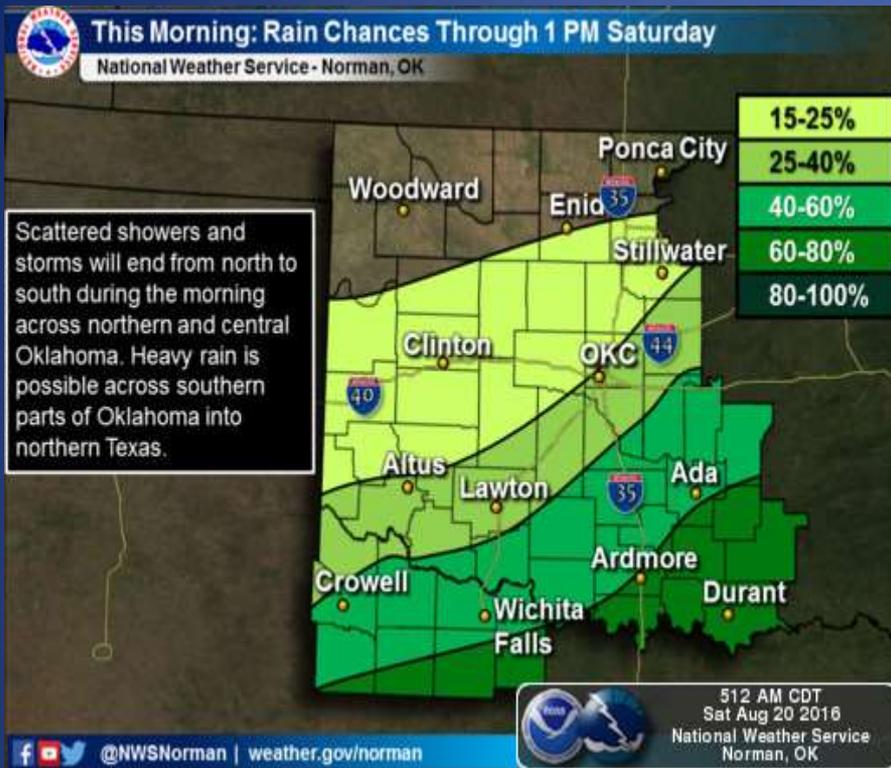


National Weather Service  
Storm Prediction Center

<http://www.spc.noaa.gov>

- |   |          |
|---|----------|
| 5 | High     |
| 4 | Moderate |
| 3 | Enhanced |
| 2 | Slight   |
| 1 | Marginal |
|   | Thunder  |

# Hazardous Weather

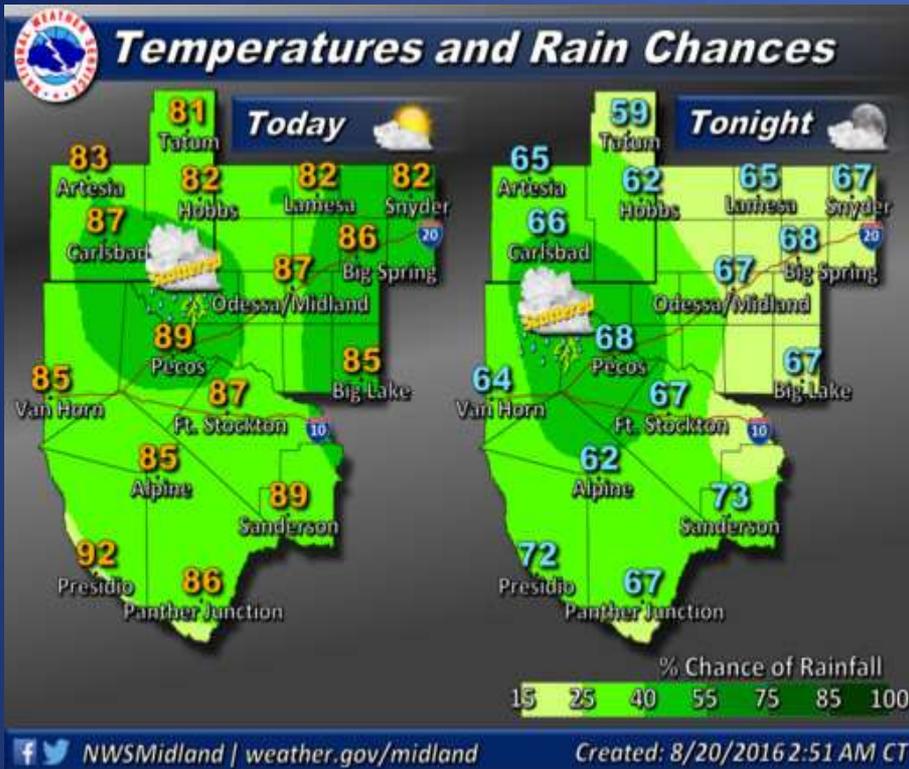


Rain chances will gradually decrease from north to south during the morning, but will continue into the afternoon in southern Oklahoma and north Texas.

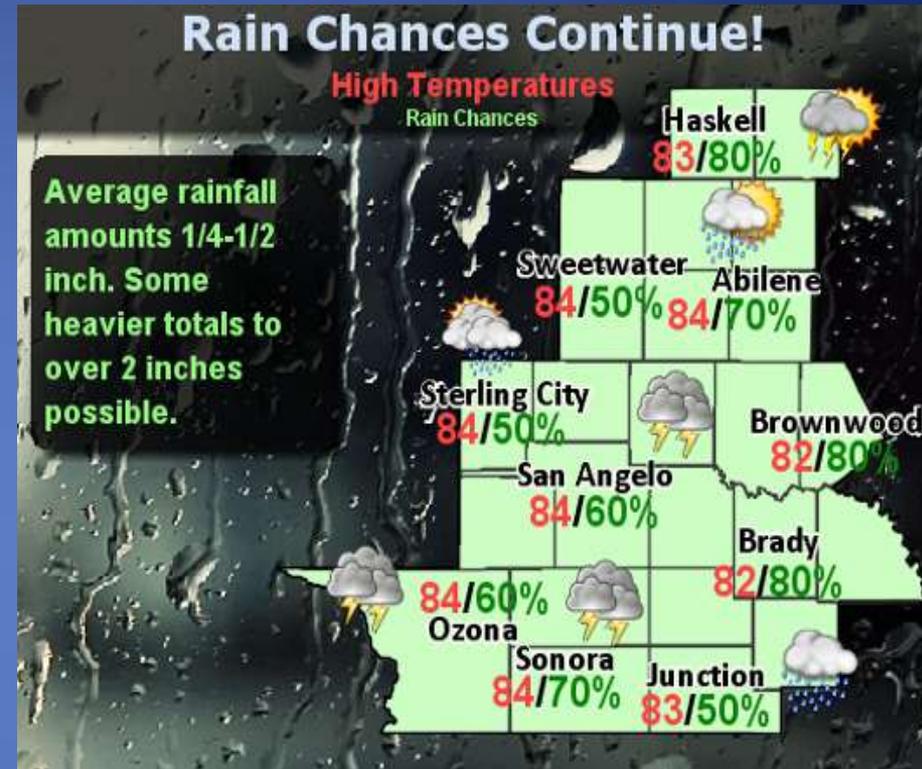


Low level moisture and weak instability will persist over the Borderland Saturday. A cool front will push west into much of the area Saturday afternoon. These factors will add up to another day of scattered thunderstorms across the area. A few storms could produce brief heavy rainfall and wind gusts of 30 to 40 mph. Temperatures will remain near normal.

# Hazardous Weather



Thunderstorms are expected today and tonight, mainly along a cold front in Southeast New Mexico and the Trans Pecos area. Stronger storms will be accompanied by frequent lightning, heavy rainfall that may result in localized flash flooding, and gusty winds.



# Hazardous Weather



It will be a wet Saturday across much of North and Central Texas as a cold front approaches. Expect cloudy skies with periods of showers and thunderstorms, some containing heavy rainfall that will promote localized urban and flash flooding at times. Rainfall amounts will average to between 1-2 inches, with isolated heavier amounts through today. The clouds and rain will continue to keep highs cool for August with most areas slowly warming into the 80s this afternoon.



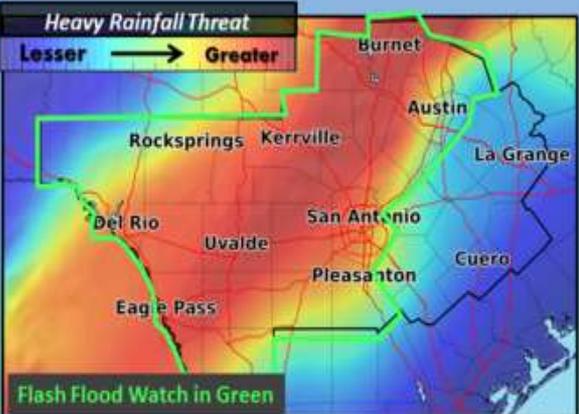
Additional forecast rainfall amounts expected this weekend valid through 7 am Sunday morning. Rainfall could be heavier across some locations.

# Hazardous Weather



## Weekend Heavy Rain Expectations...

National Weather Service Austin / San Antonio 8/20/2016 1:53 AM



**Heavy Rainfall Threat**  
Lesser → Greater

**Flash Flood Watch in Green**

**Impacts:**

- Multiple low water crossing closures.
- Quick flooding of streams/ivers.
- Water flowing over some area roadways.

**Rainfall Totals:**

- Generally 4-6 in. along and west of I-35 corridor
- Isolated amounts of up to 10" possible.

**CAUTION:** Rapid onset of flash flooding will be possible due to saturated soils and elevated streams/ivers.

**FLOODING? BE SAFE!**  
Turn Around Don't Drown

406 AM CDT  
Sat Aug 20 2016  
National Weather Service  
Austin/San Antonio, TX

YouTube f @NWSSanAntonio weather.gov/ewx

Areas of heavy rain will continue Saturday morning and will persist through Sunday evening. In general, areas along and west of I-35 should see somewhere between 4 and 6 inches of rain over the course of the weekend, but due to the possibility of heavy downpours in some cells, as much as 10 inches may be possible in spots. The main threat for the weekend will be flash flooding and river flooding.

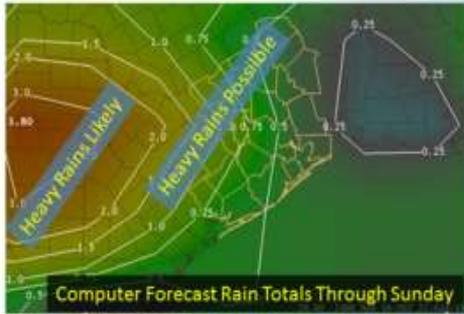


## Outlook: Getting Wetter

National Weather Service Houston/Galveston TX

### Heavy rainfall over the Hill Country may expand into Southeast Texas Tonight and Sunday

- Today:** Warm with only a chance of storms.
- Tonight:** Areas to the west have the greater chance of heavy downpours after midnight.
- Sunday:** Slow moving storms capable of 2-4" hour rainfall rates.



**Computer Forecast Rain Totals Through Sunday**

| Day  | Sun        | Mon        | Tue        | Wed        | Thu        | Fri        |
|--|------------|------------|------------|------------|------------|------------|
| Today  | 93°<br>74° | 95°<br>74° | 90°<br>74° | 92°<br>75° | 93°<br>75° | 93°<br>74° |
| 7 Day Outlook - College Station, TX  |            |            |            |            |            |            |
| Today  | 93°<br>77° | 91°<br>78° | 93°<br>77° | 91°<br>77° | 92°<br>78° | 91°<br>77° |
| 7 Day Outlook - Houston, TX  |            |            |            |            |            |            |
| Today  | 89°<br>69° | 89°<br>69° | 89°<br>69° | 87°<br>67° | 87°<br>67° | 88°<br>67° |
| 738 AM CDT<br>Sat Aug 20 2016<br>National Weather Service<br>Houston/Galveston, TX |            |            |            |            |            |            |

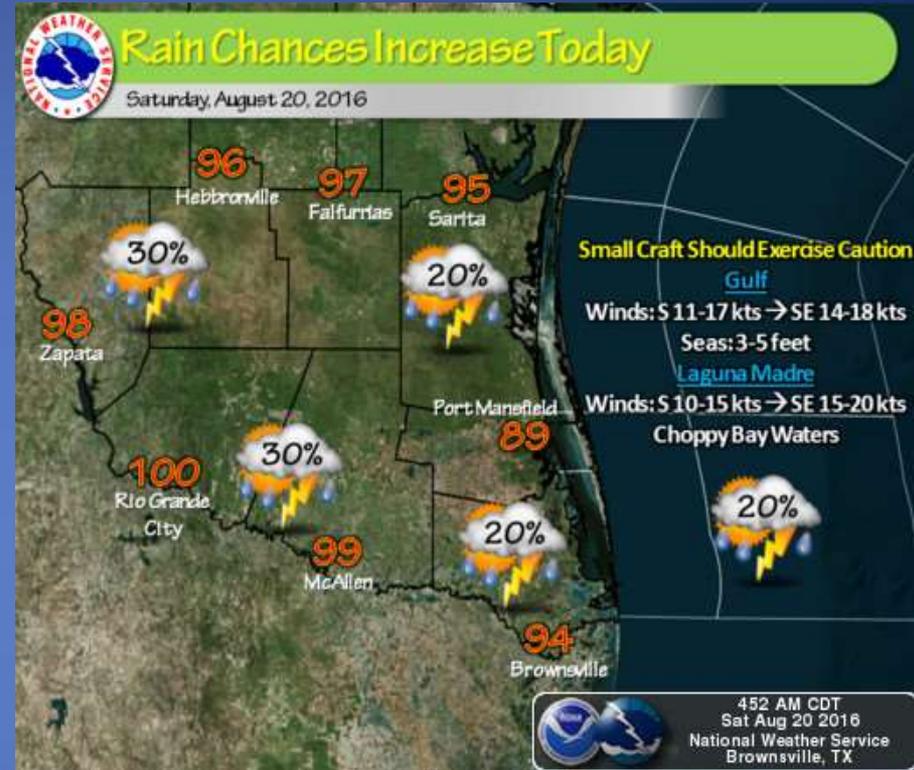
weather.gov/houston Social Media: @NWSHouston

Heavy rainfall over the Hill County may expand into Southeast Texas overnight and Sunday. Rain chances taper off Monday with drier and warmer weather to follow.

# Hazardous Weather



Chances for showers and thunderstorms will increase across western parts of the area today. Lower rain chances will exist along the coast where slightly drier air will reside. High temperatures will be in the 90s today.



Rain chances will gradually increase today and tonight as mid-level troughing builds into the central US sending a front south into central Texas, where it will become stationary. Deep moisture will remain concentrated along the front and drop off pretty quickly closer to the coastline, keeping the best chance of rain out west. Temperatures will be close to normal with highs in the mid to upper 90s across much of the inland areas and the mid to upper 80s right along the coast.

# Weather Warning/Advisories Issued

| <b>DATE</b> | <b>WARNING TYPE</b>   | <b>LOCATION</b>   |
|-------------|---|---|
| 08/19/16    | Urban and Small Stream Flood Advisory                         | Collin, Dallas, Denton, Hunt, Wise, Young, Tarrant, Parker, Jack and Van Zandt Counties |
| 08/19/16    | Urban and Small Stream Flood Advisory for Poor Drainage Areas | Potter and Randall Counties   |
| 08/19/16    | Flood Advisory  | Archer, Baylor, Knox, Collingsworth, Clay and Val Verde Counties                        |
| 08/19/16    | Flood Advisory for Minor Flooding in Poor Drainage Areas      | Cooke, Denton and Grayson Counties  |
| 08/19/16    | Flash Flood Warning   | Baylor, Archer, Collin, Dallas, Jack, Parker, Tarrant, and Young County                 |
| 08/19/16    | Flash Flood Warning Extended                                  | Young County  |
| 08/19/16    | Small Stream Flood Advisory                                   | Throckmorton, Haskell, Jack, Jones Counties   |

# Weather Warning/Advisories Issued

| <b>DATE</b> | <b>WARNING TYPE</b>                                      | <b>LOCATION</b>   |
|-------------|--|---|
| 08/19/16    | Flood Warning  | Rio Grande River at Boquillas-Rio Grande Village affecting Brewster County; Clear Fork Trinity River Near Weatherford affecting Parker County; White Rock Creek Near White Rock Creek At Greenville Ave affecting Dallas County |
| 08/19/16    | Flood Warning for Urban Areas and Small Streams          | Young County  |
| 08/20/16    | Flood Advisory   | Dallam, Edwards, Hardeman, Hartley, Kinney, Moore, Sherman, Val Verde and Wilbarger Counties  |
| 08/20/16    | Flood Advisory for Minor Flooding in Poor Drainage Areas | Parker County   |
| 08/20/16    | Flash Flood Warning                                      | Denton, Edwards, Fannin, Grayson, Kinney, Palo Pinto, Parker, Stephens, Nolan, Taylor, Maverick, Uvalde, Zavala, Coke, Runnels and Val Verde Counties   |
| 08/20/16    | Small Stream Flood Advisory                              | Bandera, Edwards, Jack, Kinney, Maverick, Palo Pinto, Real, Stephens, Uvalde, Wise, Young and Zavala Counties   |
| 08/20/16    | Urban and Small Stream Flood Advisory                    | Callahan, Collin, Cooke, Denton, Grayson, Shackelford, Tarrant and Taylor Counties  |

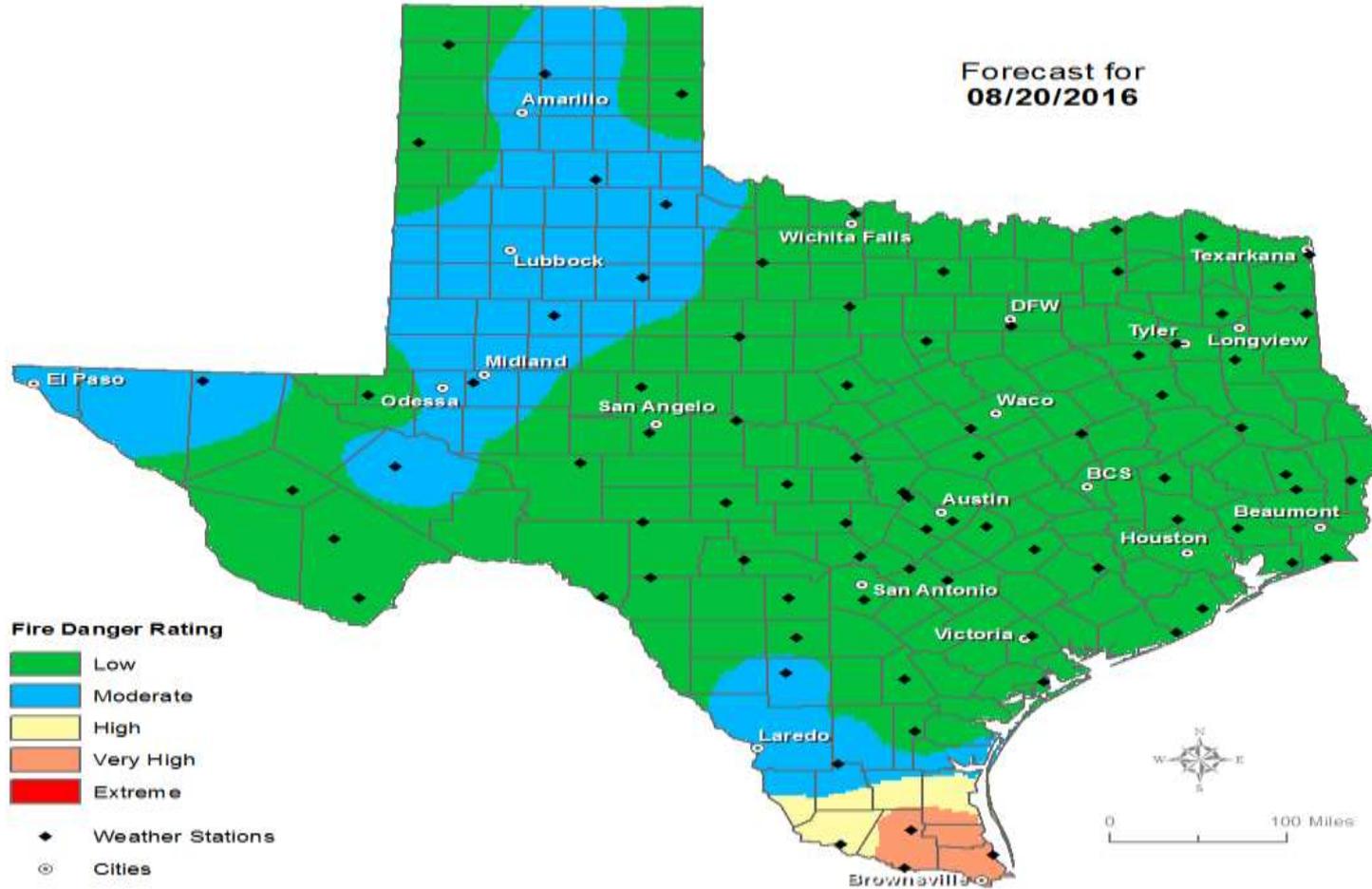
# Weather Warning/Advisories Issued

| <b>DATE</b> | <b>WARNING TYPE</b> | <b>LOCATION</b>   |
|-------------|---------------------|---|
| 08/20/16    | Flood Warning       | Devils River At Pafford Crossing near Comstock affecting Val Verde County; Rio Grande At Del Rio affecting Val Verde County; Jack, Wise, Calhoun, Refugio and Victoria Counties |

# Fire Danger Forecast

## Forecast Fire Danger

Forecast for  
**08/20/2016**



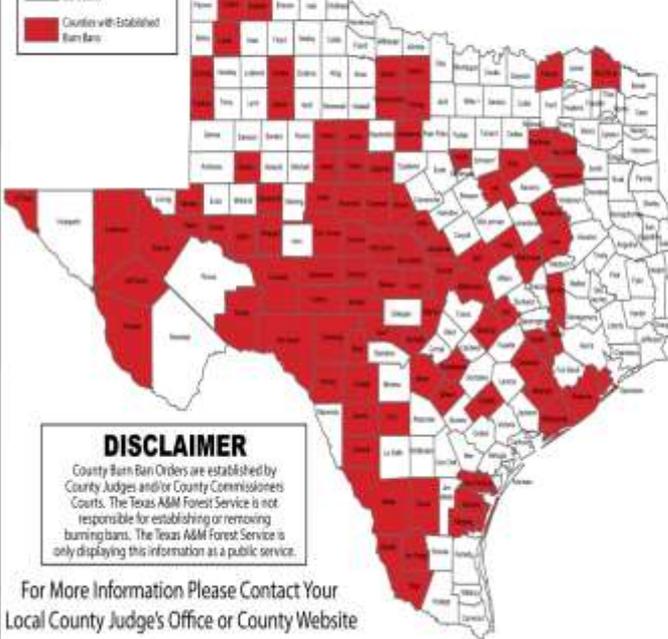
# Burn Bans and KBDI INDEX

## OUTDOOR BURN BANS

August 19, 2016



Counties without Established Burn Bans  
 Counties with Established Burn Bans



### 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](http://www.weather.gov)

Burn Ban RSS feed available at <http://tfsfp.tamu.edu/wildfires/BurnBan.xml>

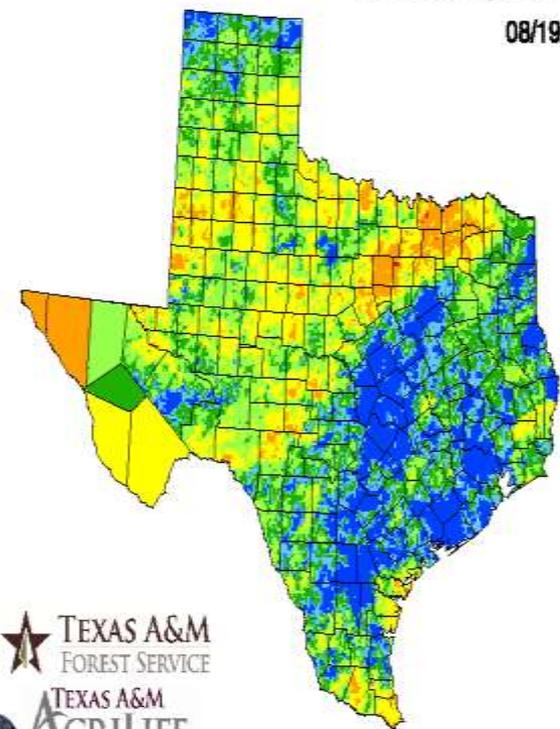
### Counties with Burn Bans: 106

- |            |            |        |
|------------|------------|--------|
| Acher      | Kirble     | Nolan  |
| Armstrong  | Kiowa      | Young  |
| Austin     | King       | Zipser |
| Bastrop    | Lamb       | Zavala |
| Baylor*    | Lampasas   |        |
| Bell       | Lee        |        |
| Brewer     | Leon       |        |
| Brewster   | Llano      |        |
| Brown      | Martin     |        |
| Burnet     | Mason      |        |
| Callahan   | Matagorda  |        |
| Castro     | McCluskey  |        |
| Cochran    | Menard     |        |
| Coke       | Milam      |        |
| Colleton   | Moore      |        |
| Colorado   | Nolan      |        |
| Concho     | Navarro    |        |
| Cook       | Oldham     |        |
| Crockett   | Potter     |        |
| Crosby     | Presidio   |        |
| Culberson  | Randall    |        |
| Dallam     | Roagan     |        |
| Deaf Smith | Real       |        |
| DeWitt     | Reelfoot   |        |
| Dimmit     | Reeves     |        |
| Duval      | Roberts    |        |
| Edwards    | Robertson  |        |
| El Paso    | Runnels    |        |
| Elliott    | Saunders   |        |
| Falls      | Seeley     |        |
| Fannin     | Schleicher |        |
| Fisher     | Star       |        |
| Freestone  | Stephens   |        |
| Frio       | Sutton     |        |
| Galveston  | Swoyer     |        |
| Garza      | Taylor     |        |
| Glasscock  | Terry      |        |
| Groesbeck  | Travis     |        |
| Guadalupe  | Tom Green  |        |
| Hartley    | Upton      |        |
| Henderson  | Uvalde     |        |
| Hill       | Val Verde  |        |
| Hood       | Van Zandt  |        |
| Hutchinson | Waller     |        |
| Jeff Davis | Ward       |        |
| Jim Hogg   | Webb       |        |
| Jones      | Wharton    |        |
| Kaufman    | Williamson |        |
| Kendall    | Wheeler    |        |
| Kerr*      | Wilson     |        |
|            | Wilder*    |        |

\* Burn Ban is still in effect as of 8/19/16  
\* Burn Ban is still in effect as of 8/19/16

## Keetch-Byram Drought Index

08/19/2016



### KBDI

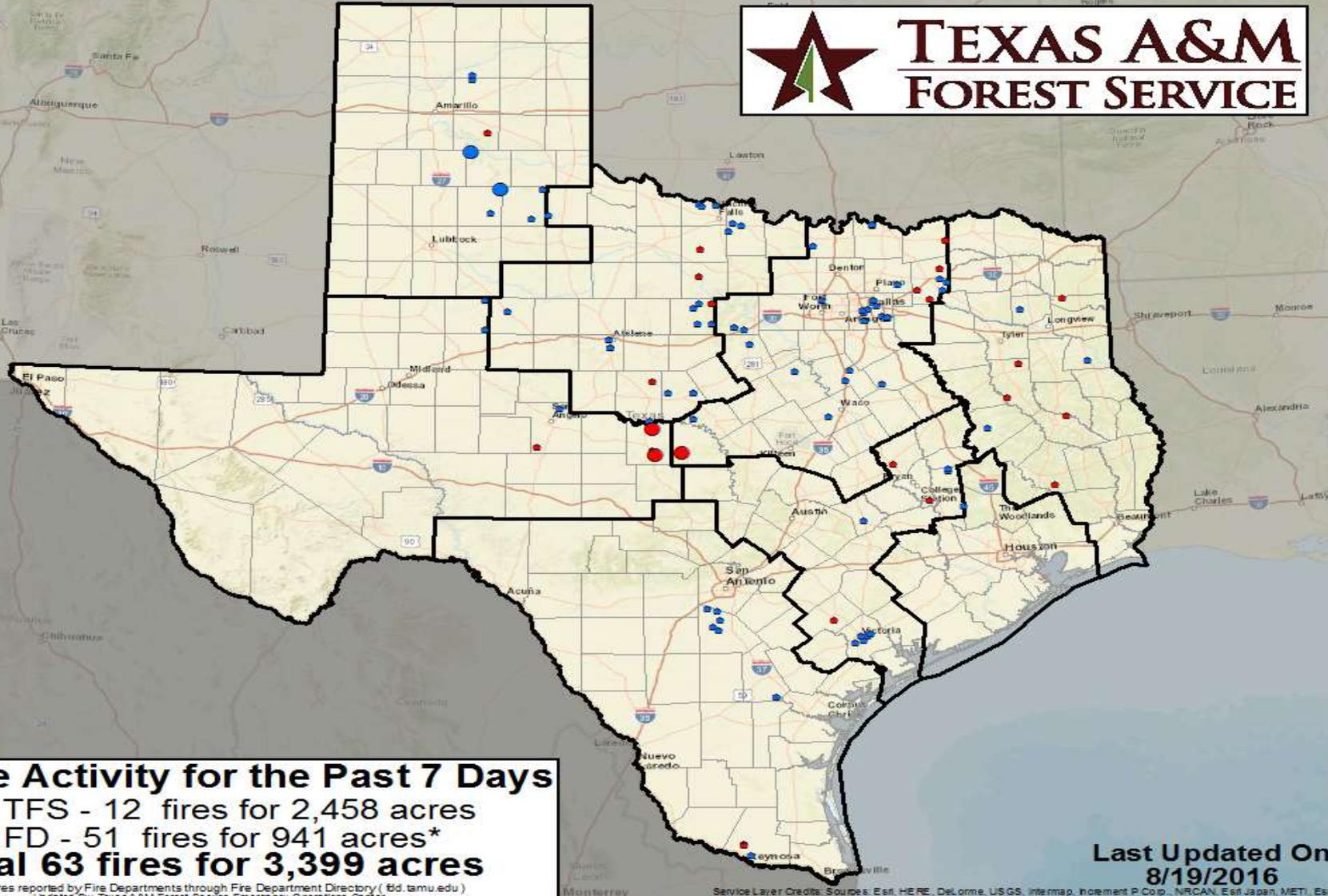
- 0 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- 500 - 600
- 600 - 700
- 700 - 800



DATA SOURCES: NEXRAD and NWS

# Fire Activity (\*Last 24 Hours)

Reports 523 (no change) fires and 110,753 (no change) acres destroyed this year. There are 106 (-6) counties with burn bans. The Keetch-Byram Drought Index list 129 (-7) counties with an average over 400.



## Wildfire Activity for the Past 7 Days

- TFS - 12 fires for 2,458 acres
- FD - 51 fires for 941 acres\*
- Total 63 fires for 3,399 acres**

\* - Wildfires reported by Fire Departments through Fire Department Directory ( ftd.tamu.edu )  
Updated by: Texas A&M Forest Service Emergency Operations Center

Last Updated On  
8/19/2016

# Training

| DATES    |          | TITLE  | COURSE    | LOCATION  |
|----------|----------|--|-----------|-----------|
| 08/15/16 | 08/26/16 | HazMat Technician – Texas Commission on Fire Protection (TCFP) Certification | H-500     | Benbrook  |
| 08/19/16 | 08/21/16 | Wide Area Search   | PER-213   | Denton    |
| 08/20/16 | 08/21/16 | Community Emergency response Team (CERT) Program Manager                     | E/L/G-427 | Waco      |
| 08/20/16 | 08/21/16 | ICS – EOC Interface  | G-191     | Dickinson |

# Exercises

| DATE(S)  |          | AGENCY/LOCATION                  | EXERCISE            |
|----------|----------|----------------------------------|---------------------|
| 08/20/16 | 08/20/16 | City of Seabrook<br>OEM/Seabrook | FSX: Active Shooter |

# Statewide Significant Events

| DATE(S)  |          | LOCATION  | EVENT                                   |
|----------|----------|-----------|---|
| 08/20/16 | 08/20/16 | Arlington | Dallas Cowboys Home Football Game       |
| 08/20/16 | 08/20/16 | Baytown   | 2016 E.T. Brackett Racing Series Finals |