

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Thursday, September 01st 2016
As of 0900 CST

Tropical Weather Awareness

Atlantic Tropical Cyclones and Disturbances

www.hurricanes.gov



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

Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane

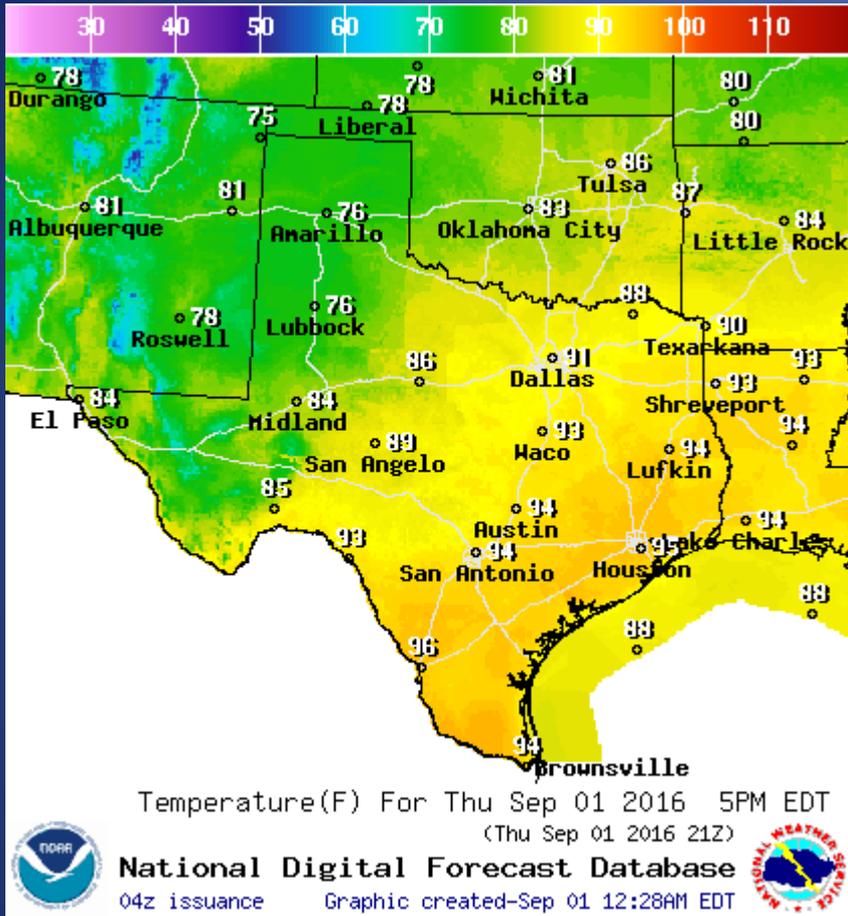
Post-Tropical Cyclone Remnants

Informational Products

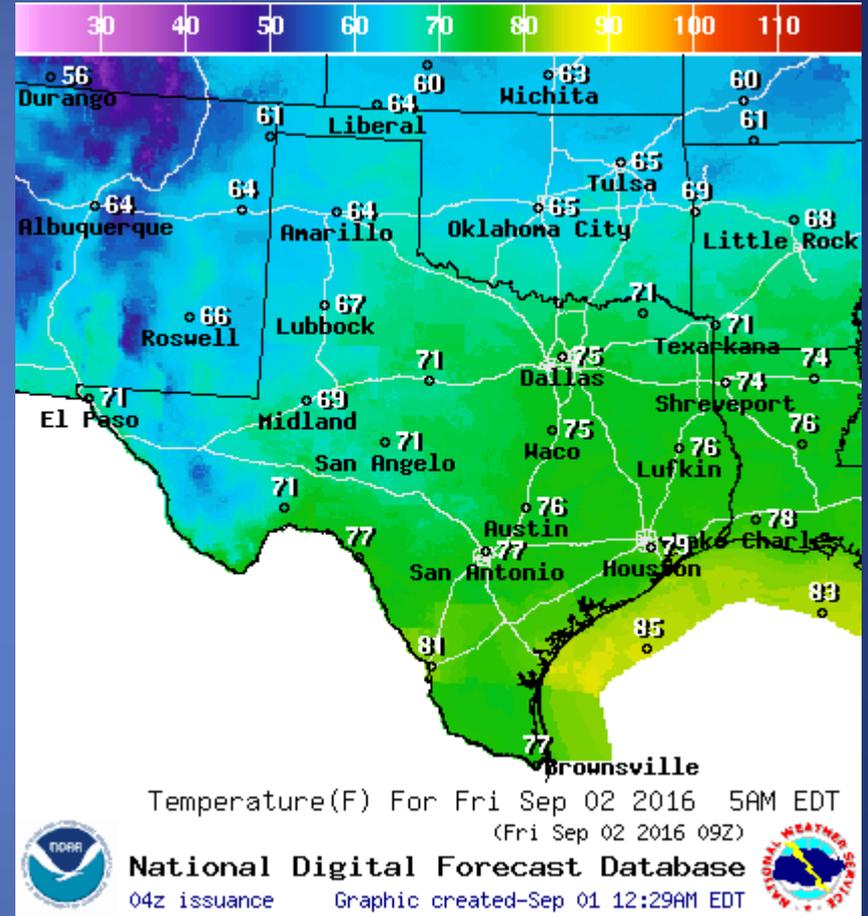
Distributed by the State Operations Center

DATE	SUBJECT
08/31/16	NWS West Gulf River Forecast Center-Locally Heavy Rainfall Remains in the Forecast
08/31/16	NWS Lake Charles - Tropic Update: 10 AM Wednesday
09/01/16	NWS Lake Charles - Public Information Statement Record Rains for August/Summer
09/01/16	NWS Brownsville **Weather Update** : Beachgoers Beware Thursday - Dangerous Rip Currents and Tide Run-Up to Dunes; Rapid Improvement For First Half of Holiday Weekend
09/01/16	Daily NWS Threat Brief for Thursday, September 1, 2016 for FEMA Region 6
09/01/16	NWS El Paso - Weather Hazards Outlook for Thursday, September 1st

Weather Forecast

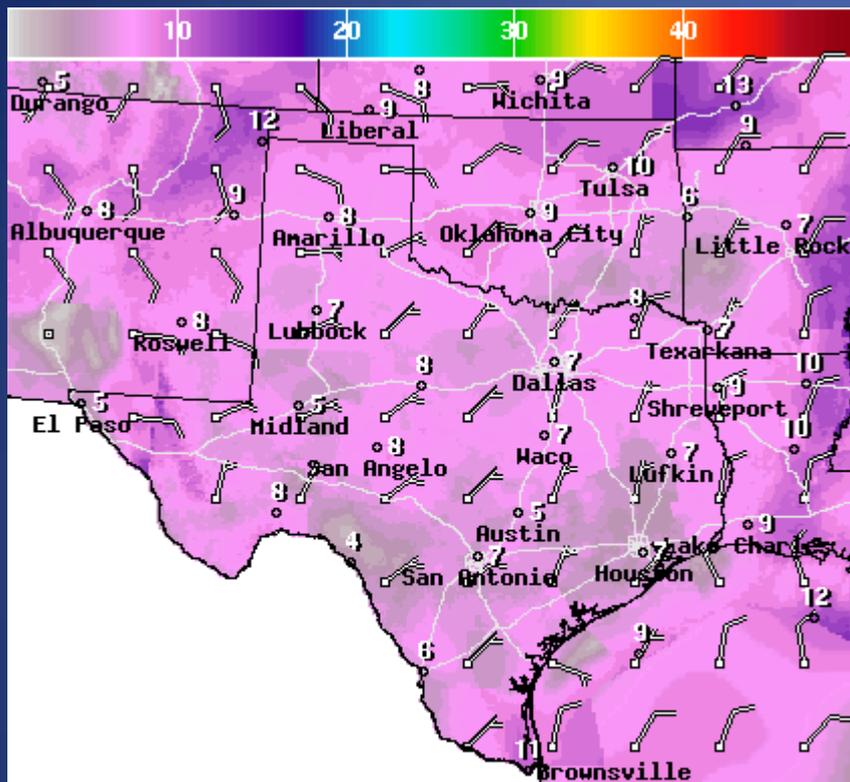


Highs



Lows

Weather Forecast



WindSpd(Kts) & WindDir For Thu Sep 01 2016 5PM EDT
(Thu Sep 01 2016 21Z)

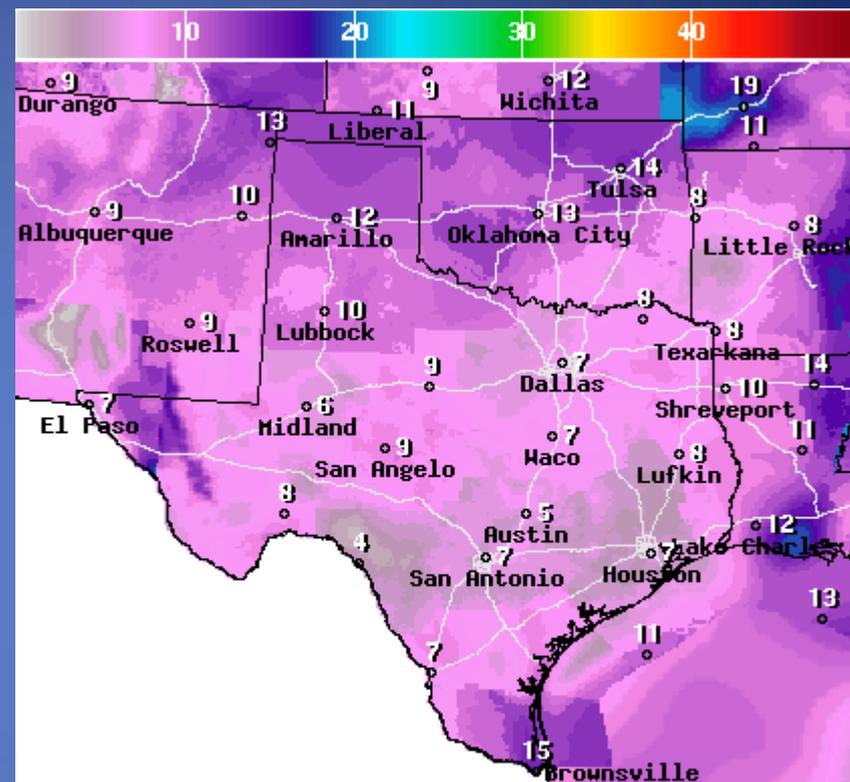


National Digital Forecast Database

04z issuance Graphic created-Sep 01 12:34AM EDT



Wind Speeds



Wind Gust(Kts) Thu Sep 01 2016 5PM EDT
(Thu Sep 01 2016 21Z)



National Digital Forecast Database

04z issuance Graphic created-Sep 01 12:36AM EDT



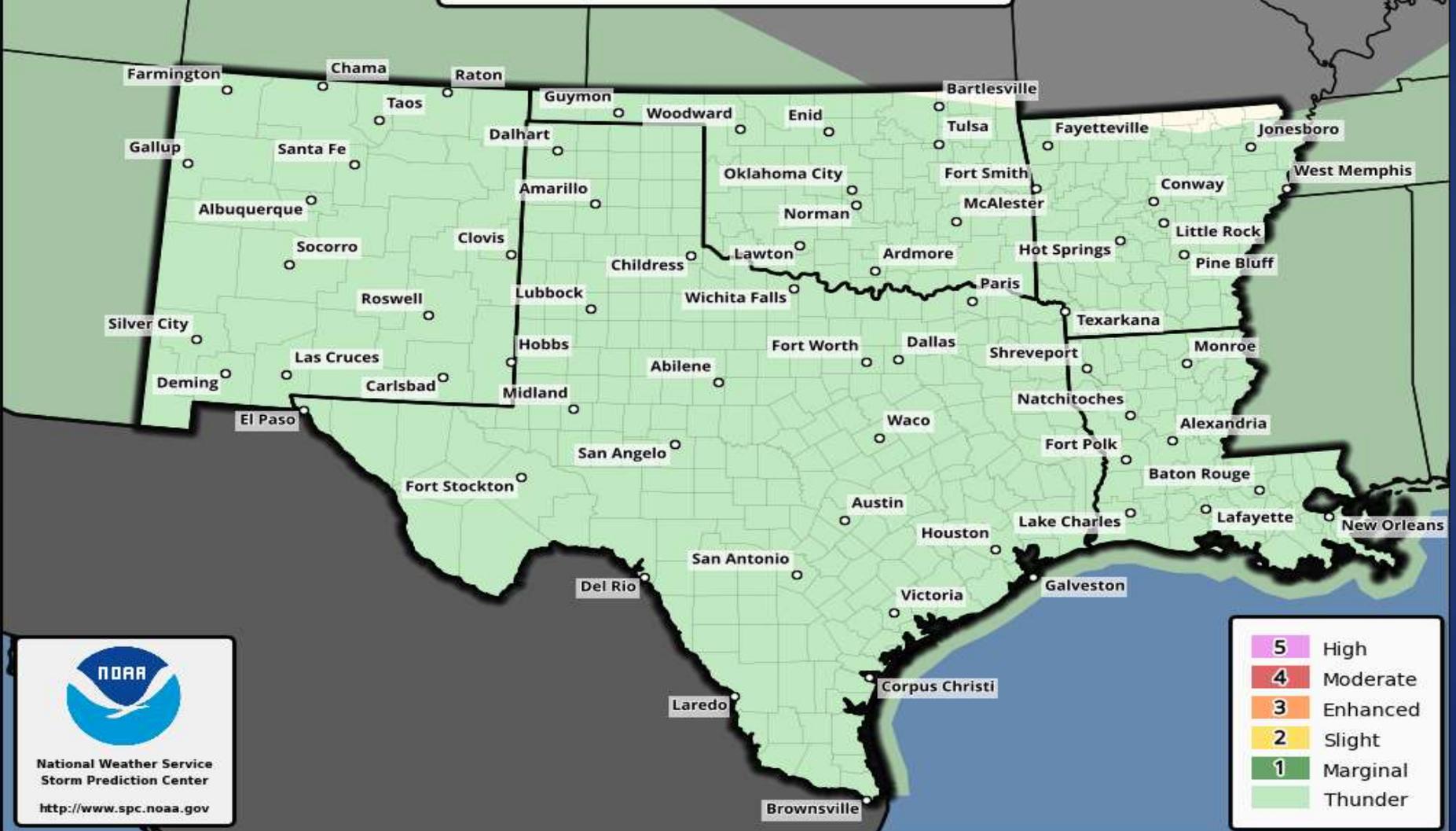
Gusts

Hazardous Weather

Highlighted Area: FEMA Region 6

Last Updated: Sep 01 2016 12:28 AM CDT
Valid Until: Sep 02 2016 07:00 AM CDT

Severe Weather Outlook Thursday, September 01, 2016



National Weather Service
Storm Prediction Center

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

Hazardous Weather

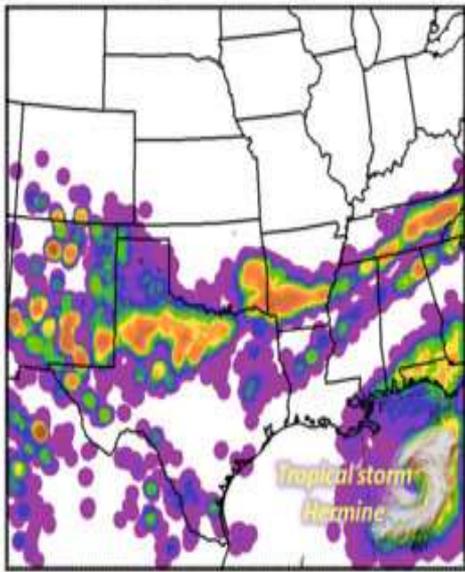
Thursday: More showers & t-storms on the way. Locally heavy rain possible

HRF 4-12M ENCF Init: 00 UTC Thu 01 Sep 16
 Fcst: 19 h Valid: 19 UTC Thu 01 Sep 16 (14 CDT Thu 01 Sep 16)
 Probability the pop is greater than 0.0in within 20 miles of a point
 Mean. the pop (in)

The image to the left shows an ensemble of computer predictions of where showers and t-storms may be located around 2 pm this afternoon. In general, we expect the activity to move from N-NW to S-SE across West Texas. The stronger storms may bring heavy downpours of one to two inches of rain.

High Temps:
 70s to low 80s on the Caprock, with low to mid 80s in the Rolling Plains

Issued: 635 AM CDT Thu Sep 1 2016



NWSLubbock

Rain chances will continue through tonight, with the highest chances through the afternoon, then diminishing in the evening hours. Locally heavy rainfall will result in excess runoff and street flooding in a few areas. High temperatures today will again be from 5 to 10 degrees below normal.



Thursday

Partly to Mostly Cloudy Scattered showers & thunderstorms Heavy Rain Possible	El Paso	50%	85	T or C	50%	80
	Las Cruces	50%	82	Silver City	60%	76
	Alamogordo	50%	82	Deming	50%	83
	Cloudcroft	70%	63	Lordsburg	50%	85



Turn Around
Don't
Drown

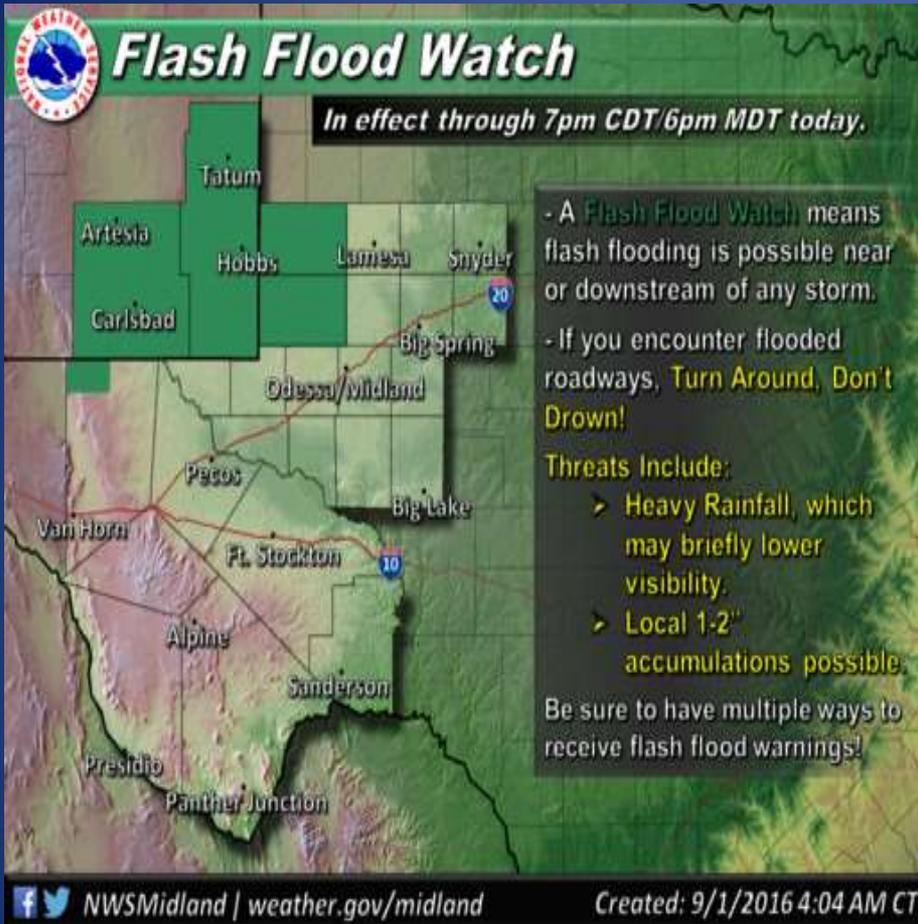
Gulf Moisture Still in Place

Watch Out for Flash Flooding

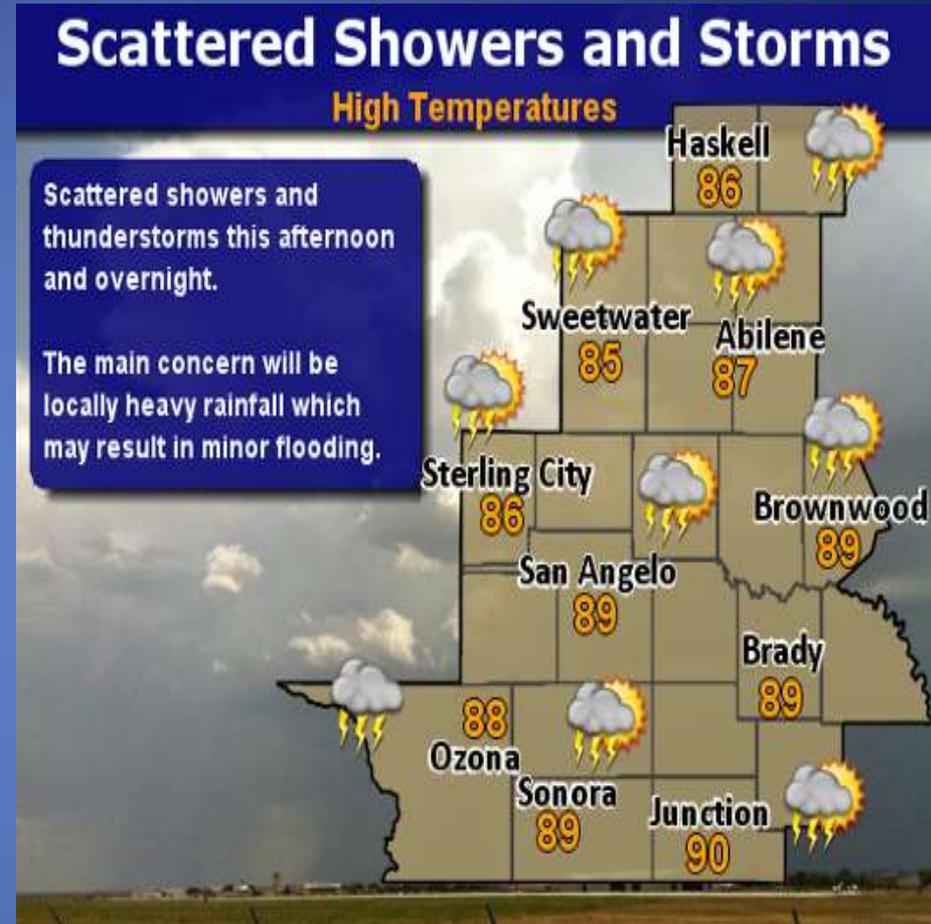
657 PM MDT
 Wed Aug 31 2016
 National Weather Service
 El Paso, TX

Healthy amounts of atmospheric moisture remain over the region despite the start of a downward trend for the weekend. With slightly warmer daytime temperatures the environment should become unstable and support the development of another round of showers and thunderstorms. Skies will vary between partly sunny and mostly cloudy. Winds will continue east in the 5 to 15 mph range.

Hazardous Weather



A Flash Flood Watch is in effect for southeast New Mexico and the extreme northwestern Permian Basin. On top of rainfall already received, additional amounts of one to two inches will be possible today causing localized areas of flash flooding. If you encounter flooded roadways, Turn Around, Don't Drown!



Scattered showers and thunderstorms will be possible today and tonight. The main concern will be locally heavy rainfall which may result in minor flooding.

Hazardous Weather



Scattered showers and thunderstorms are developing this morning across parts of North Texas. Areas generally northwest of a Comanche to Fort Worth to Sherman line will have the best chance for thunderstorms over the next couple of hours. Locally heavy rainfall and frequent lightning will be the main threats.



Isolated showers and thunderstorms are expected again today. Highs in the upper 80s to mid 90s. Locations along and east of I-35 could see max heat index values this afternoon of 100 to 105 degrees.

Hazardous Weather



Coastal Flood Advisory

In Effect Through Thursday Afternoon



Impacts:

- Steady periods of water reach the dunes today
- Minor tidal overflow along low-lying areas along area bays
-Laguna Shores Drive and North Beach may experience minor flooding
- High risk of rip currents along Gulf Facing Beaches
-Dangerous water conditions of all levels of swimmers

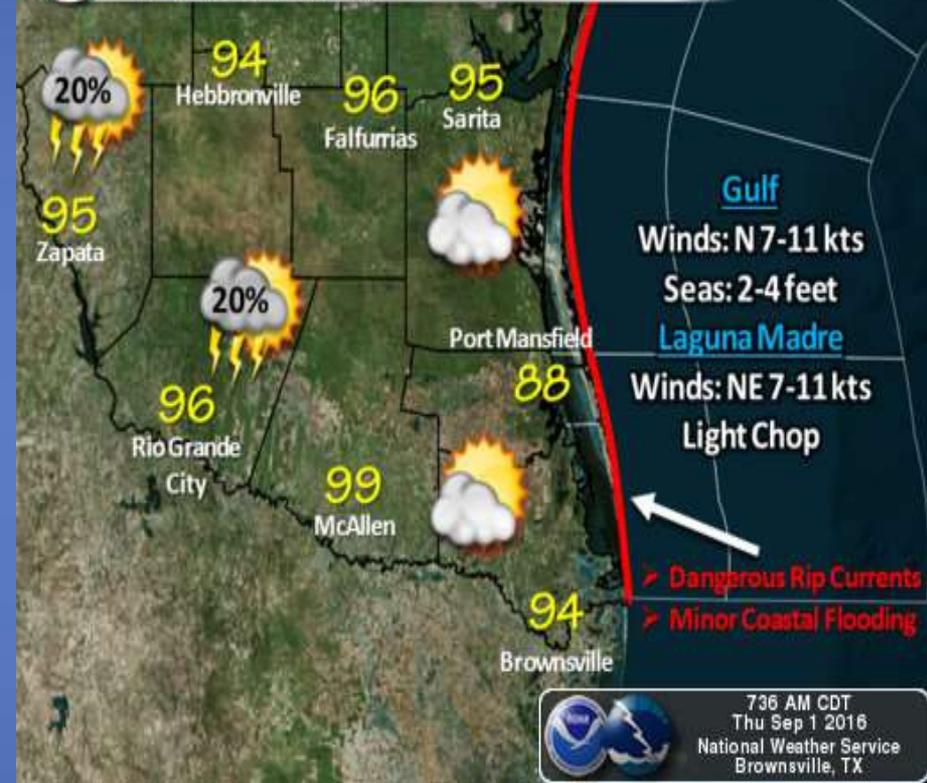
Issued at 5:41 AM - September 1, 2016

A Coastal Flood Advisory is in effect until 4 PM today. Minor tidal overflow will be possible later tonight along the Gulf Coast, with water levels slowly rising along area bays. Also, a high rip current threat at gulf-facing beaches will exist through today as long period easterly swells continue to impact the coast.



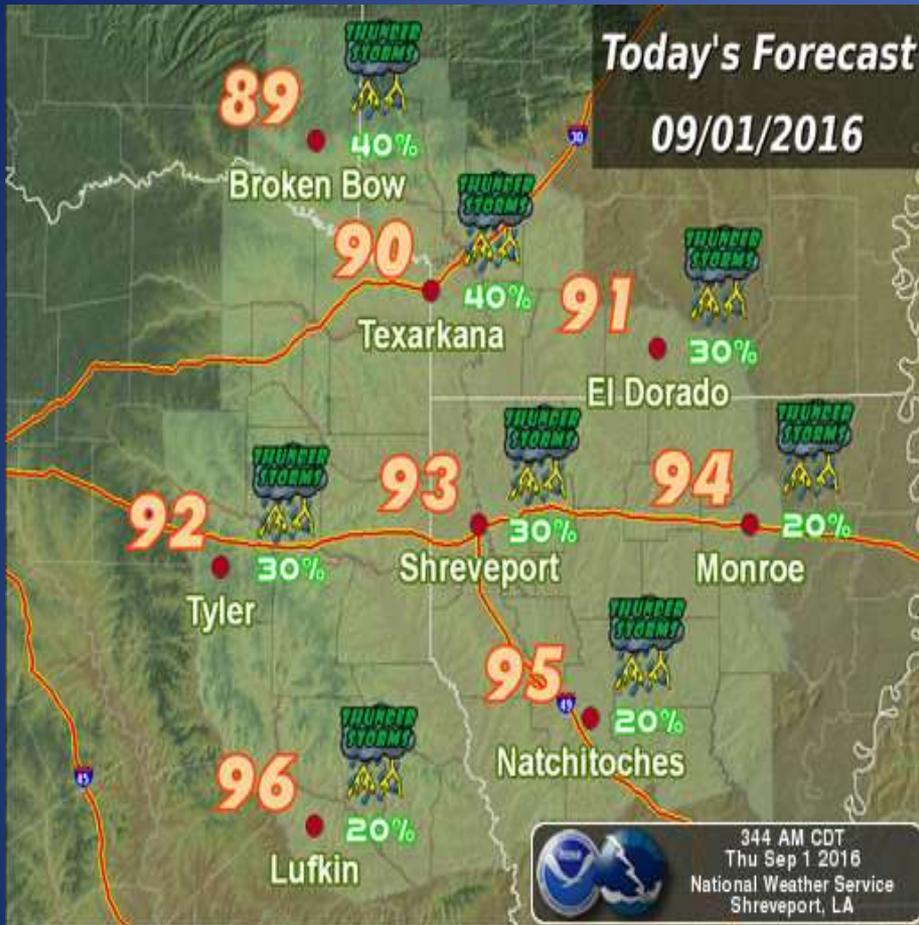
Warm with Isolated Showers and Storms

Thursday, September 1, 2016



A few isolated showers and storms will be possible, mainly in the Ranchlands and Upper Rio Grande Valley. Otherwise, conditions will be hot with mostly sunny skies. With Tropical Storm Hermine in the northeast Gulf, dangerous easterly swells will lead to a high risk of rip currents along the Texas coastline. There may also be some minor tidal overwash today, so use caution if you are headed to the island.

Hazardous Weather

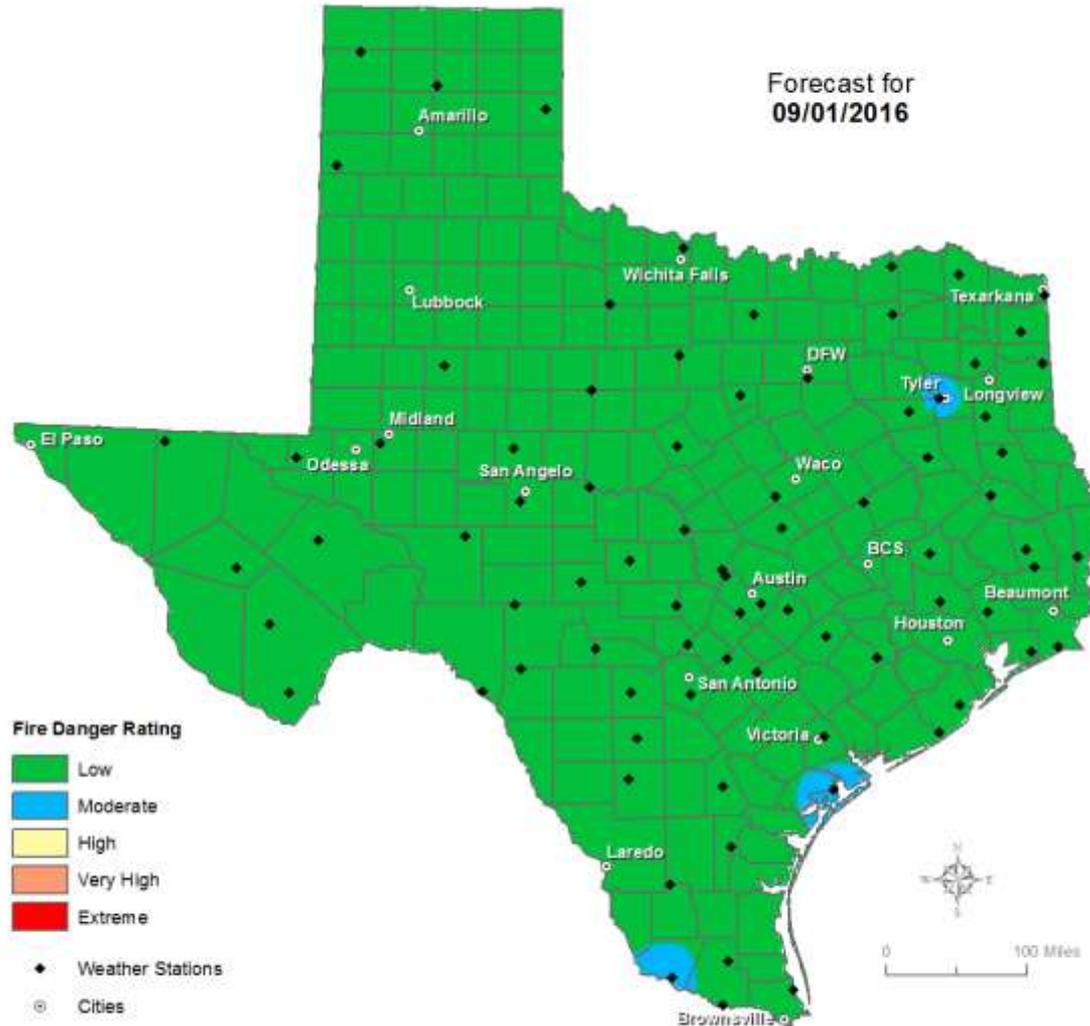


Weather Warning/Advisories Issued

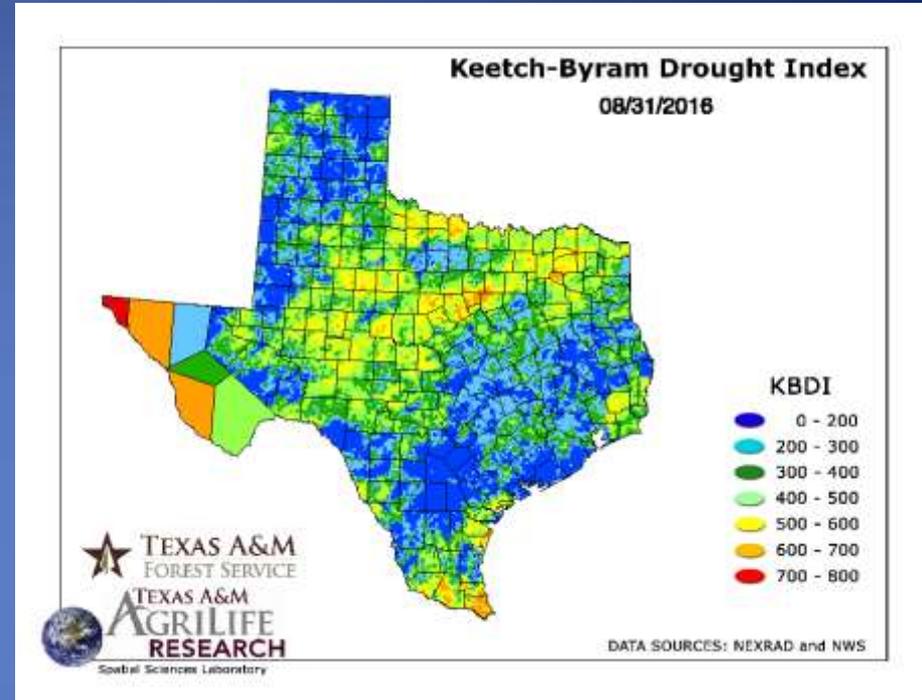
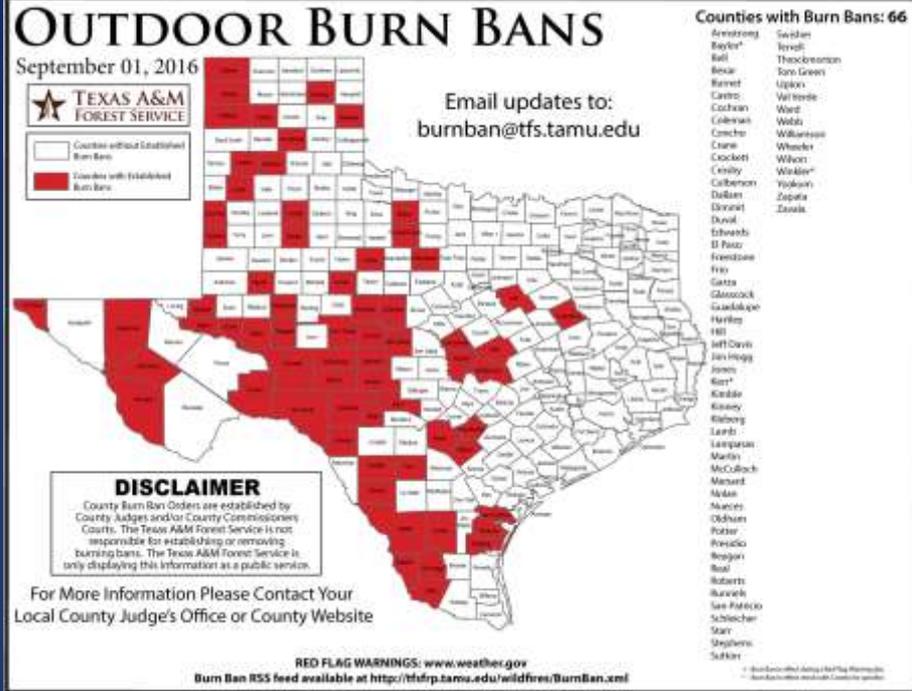
DATE	WARNING TYPE	LOCATION
08/31/16	Flood Warning	Rio Grande at Candelaria Affecting Presidio County
08/31/16	Flood Advisory	Childress, Collingsworth, Foard, Lubbock, Wheeler and Wilbarger Counties
08/31/16	Flood Warning Continues	Presidio County
08/31/16	Urban and Small Stream Flood Advisory	Fisher, Gaines, Hale, Jones, Nolan and Taylor Counties
08/31/16	Arroyo and Small Stream Flood Advisory	Winkler and Loving Counties
08/31/16	Special Marine Warning	Brazoria and Galveston Counties; Port Aransas to Port O'Connor
08/31/16	Flash Flood Warning	Andrews, Borden, Ector, Fisher and Scurry Counties
08/31/16	Small Stream Flood Advisory	Borden, Callahan, Ector, Fisher, Howard, Martin, Midland, Mitchell, Scurry, Sutton and Upton Counties
09/01/16	Urban and Small Stream Flood Advisory	Tarrant and Taylor Counties
09/01/16	Coastal Flood Advisory	Aransas, Calhoun, Kleberg, Nueces, Refugio and San Patricio Counties
09/01/16	Flash Flood Warning	Culberson County

Fire Danger Forecast

Forecast Fire Danger

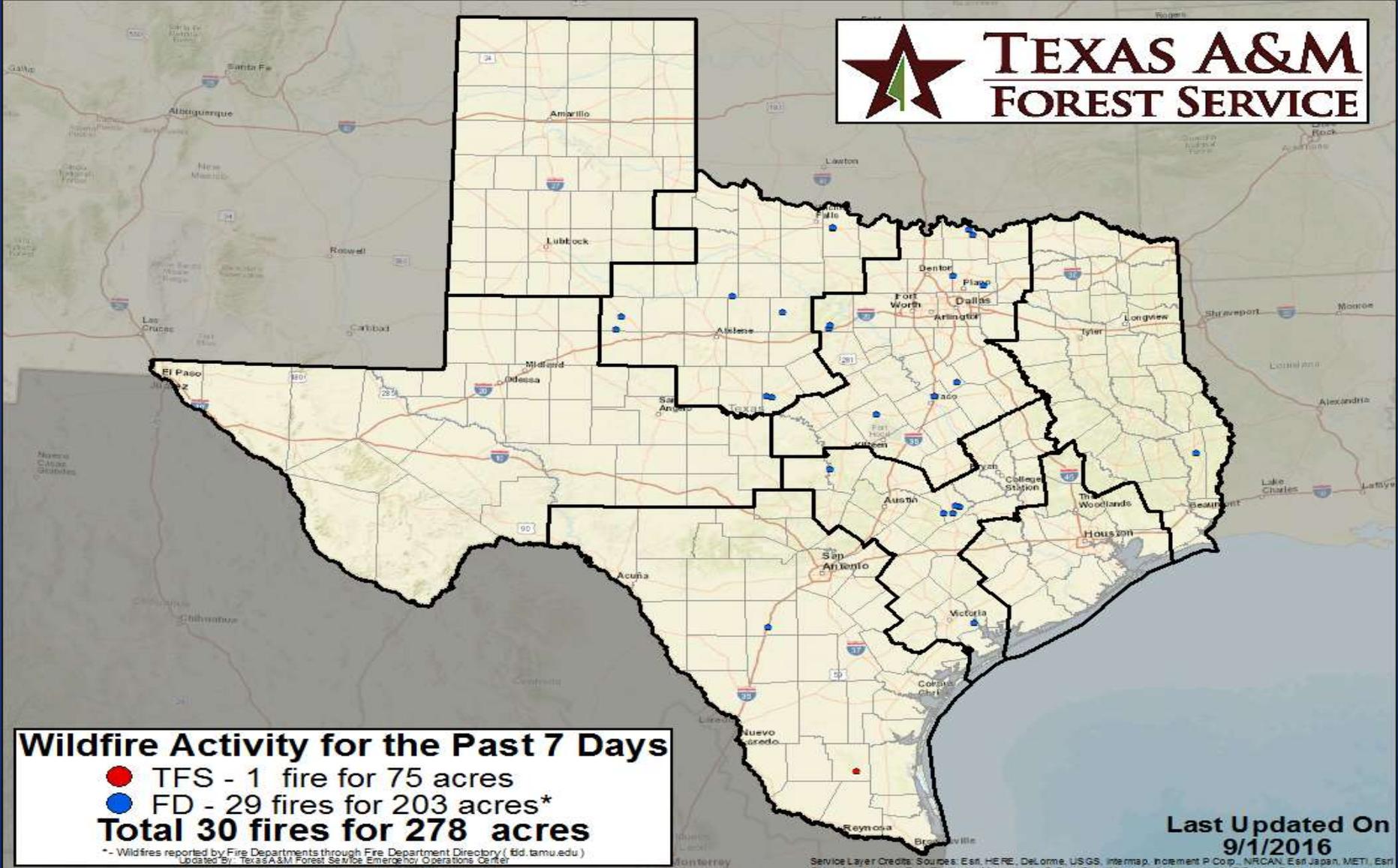


Burn Bans and KBDI INDEX



Fire Activity (*Last 24 Hours)

Reports 525 (no change) fires and 110,838 (no change) acres destroyed this year. There are 66 (no change) counties with burn bans. The Keetch-Byram Drought Index list 81 (-3) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
08/30/16	09/01/16	Wide Area Search	PER-213	Denton
08/30/16	09/01/16	Emergency Operation Center (EOC) Operations for All-Hazards Events	MGT-346	Weatherford
08/30/16	09/01/16	Intermediate Incident Command System for Expanding Incidents	G-300	Yoakum
09/01/16	09/01/16	Texas Public Officials Workshop	G-200	League City

Statewide Significant Events

DATE(S)		LOCATION	EVENT
09/01/16	09/04/16	Canton	Canton First Monday Trade Days
09/01/16	09/01/16	Waco	Baylor University NCAA Football