

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Wednesday, July 27th 2016
As of 0900 CST

Tropical Weather Awareness

Atlantic Tropical Cyclones and Disturbances

www.hurricanes.gov

45°N

35°N

25°N

15°N

5°N

8:00 am EDT
Wed Jul 27 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

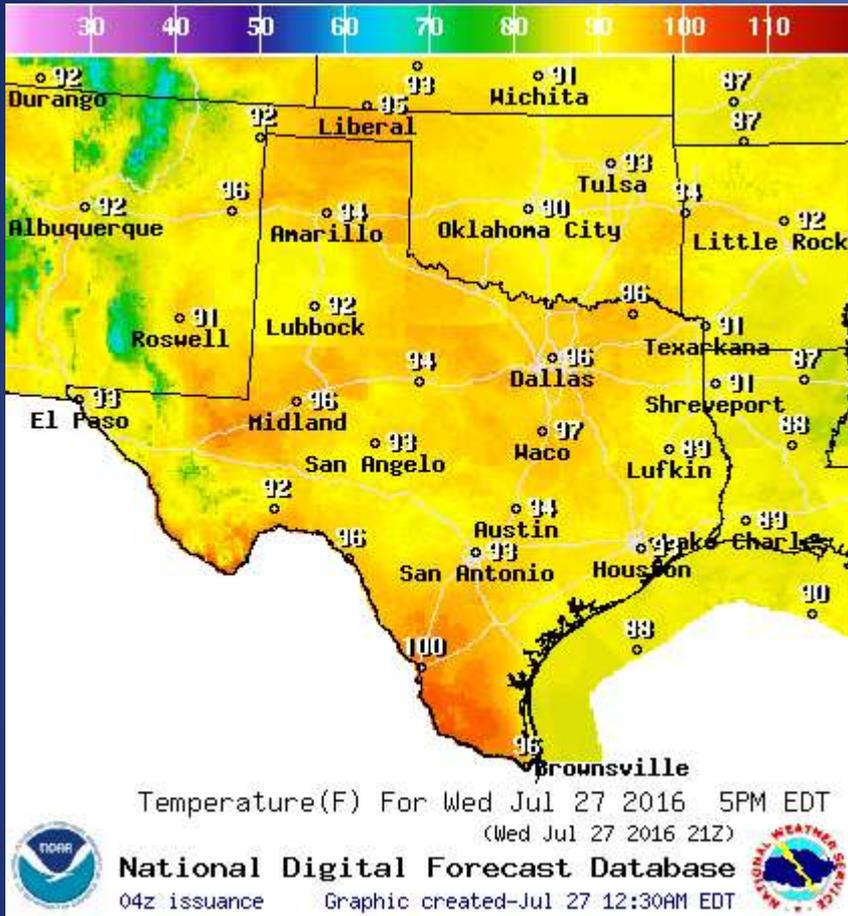
Incidents Reported to the State Operations Center (last 24 hours)

DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
07/26/16	Final Report of a Road Closure (US 59)	Fort Bend County	Y
07/26/16	Initial Report of a Brushfire off of County Road 2325A in Bosque County	Bosque County	N
07/27/16	Initial Report of a Road Closure (FM 877)	Ellis County	N

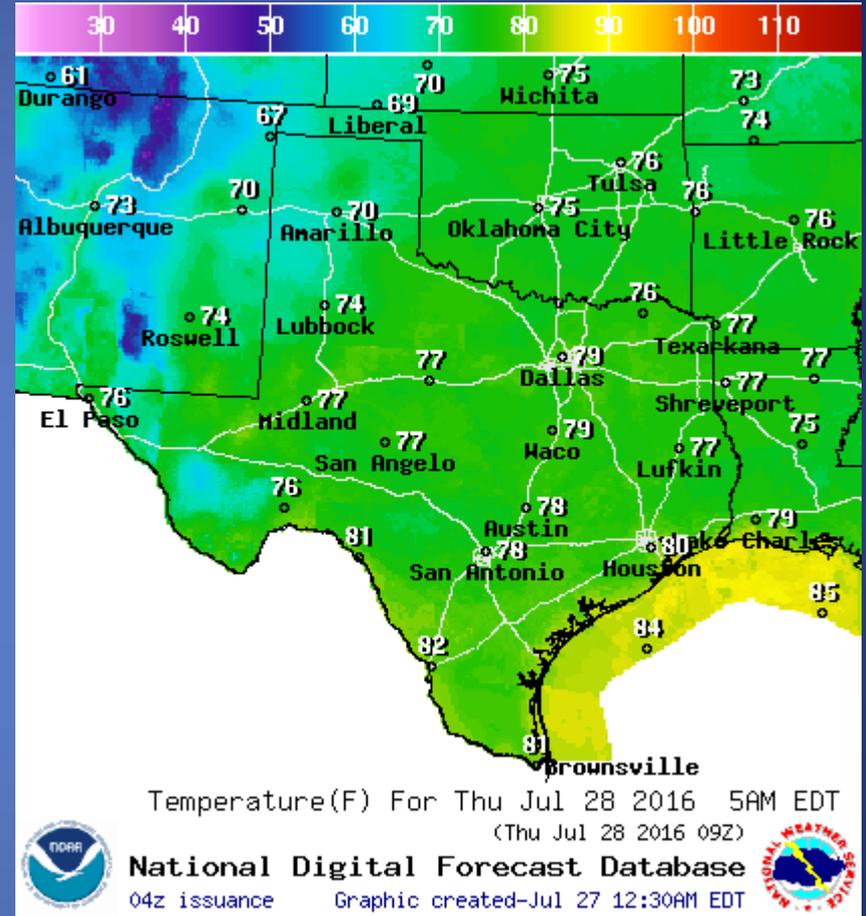
Informational Products Distributed by the State Operations Center

DATE	SUBJECT
07/27/16	Daily NWS Threat Brief for Wednesday, July 27, 2016 for FEMA Region 6

Weather Forecast

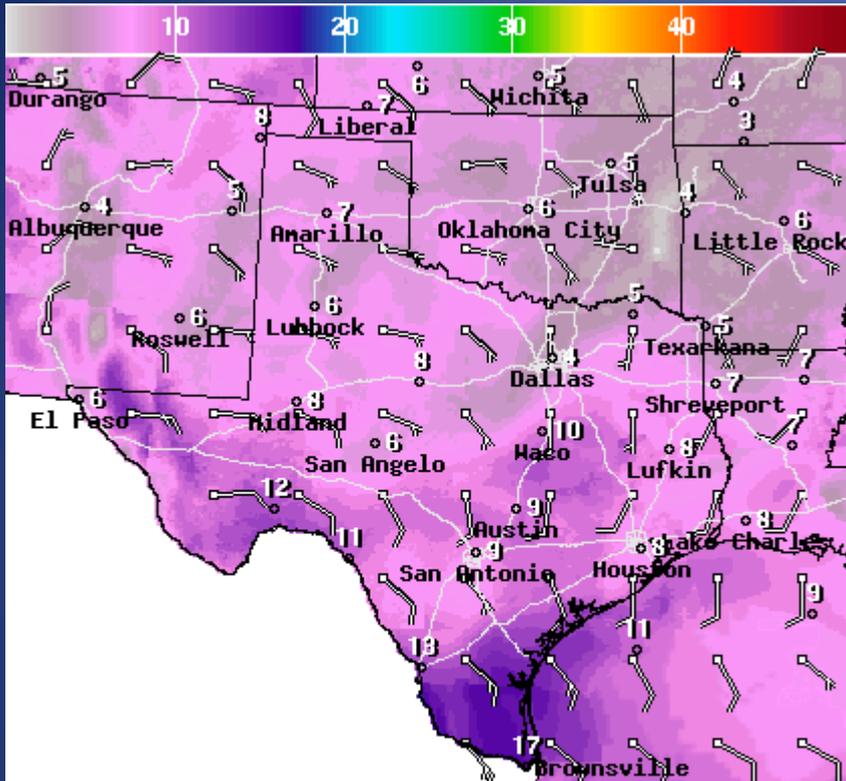


Highs



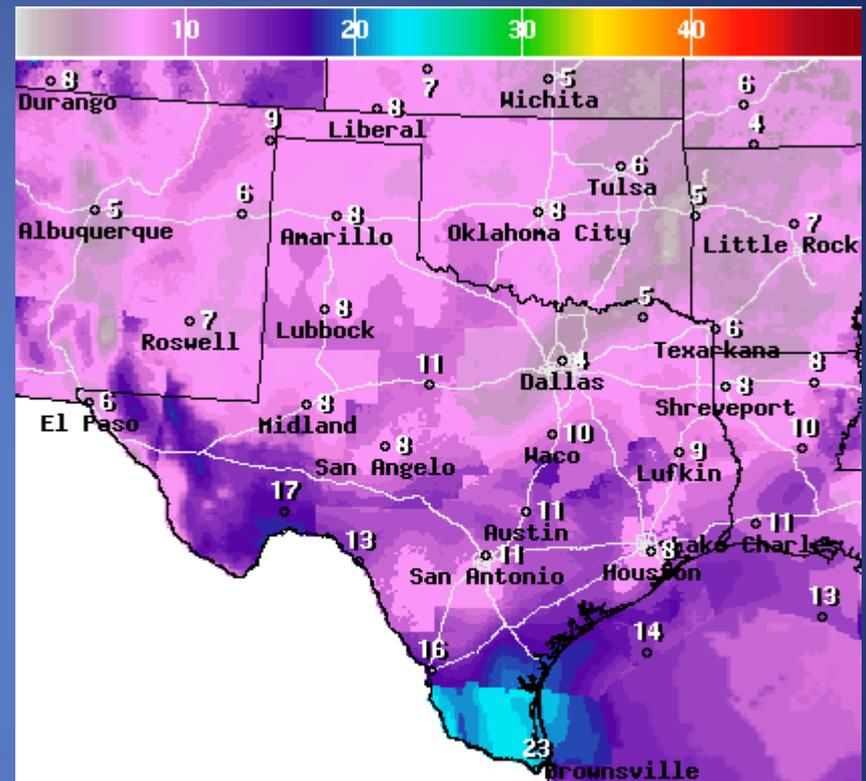
Lows

Weather Forecast



 National Digital Forecast Database
12z issuance Graphic created-Jul 27 8:48AM EDT 

Wind Speeds



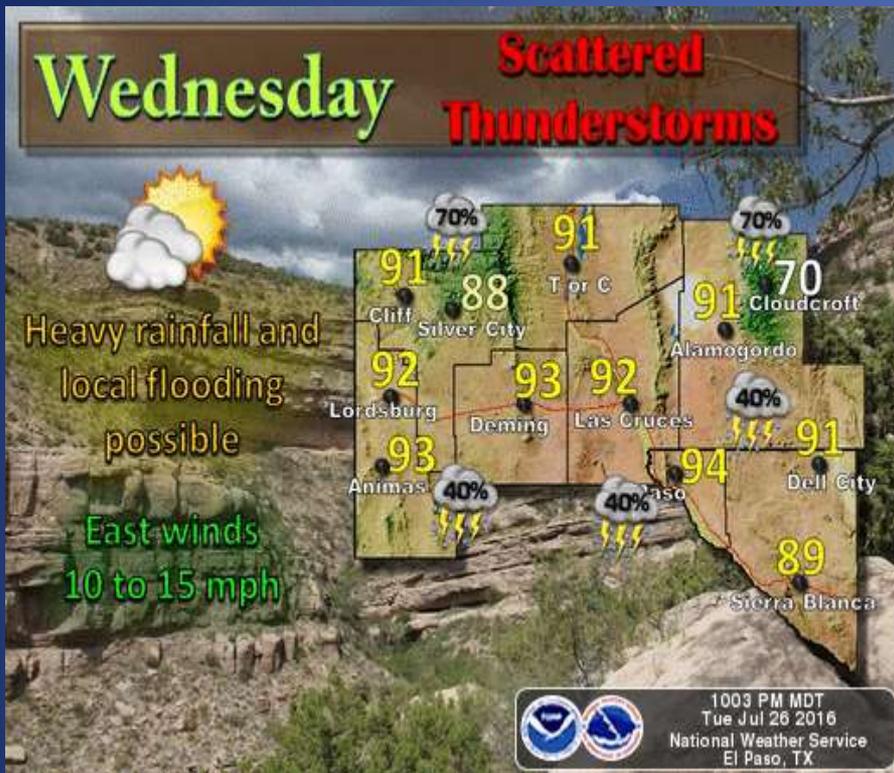
 National Digital Forecast Database
13z issuance Graphic created-Jul 27 9:24AM EDT 

Gusts

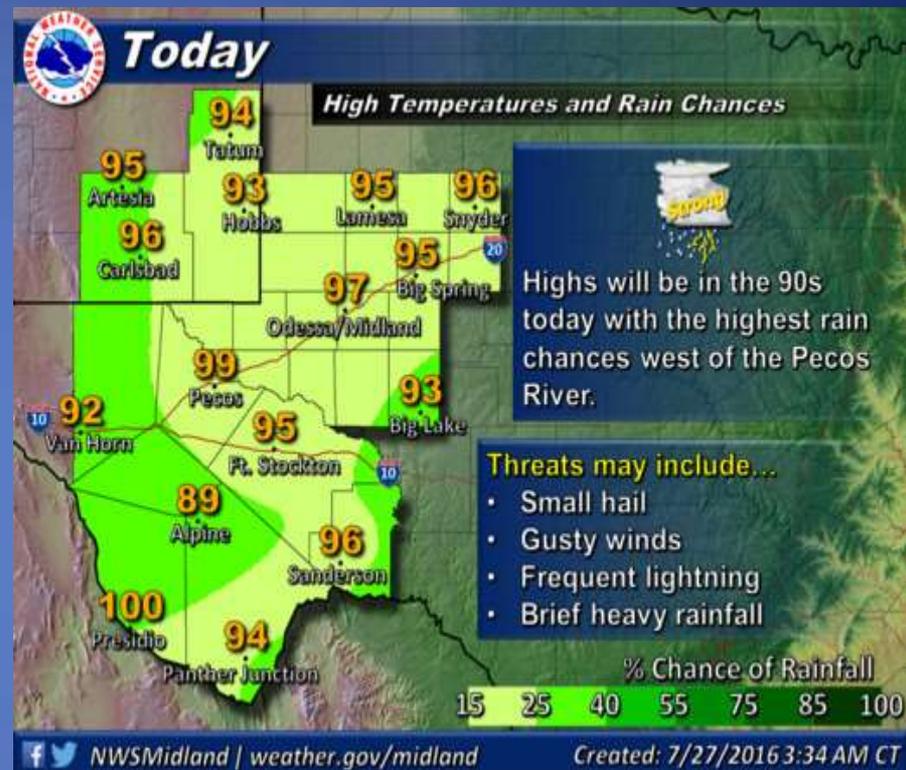
Hazardous Weather



Hazardous Weather

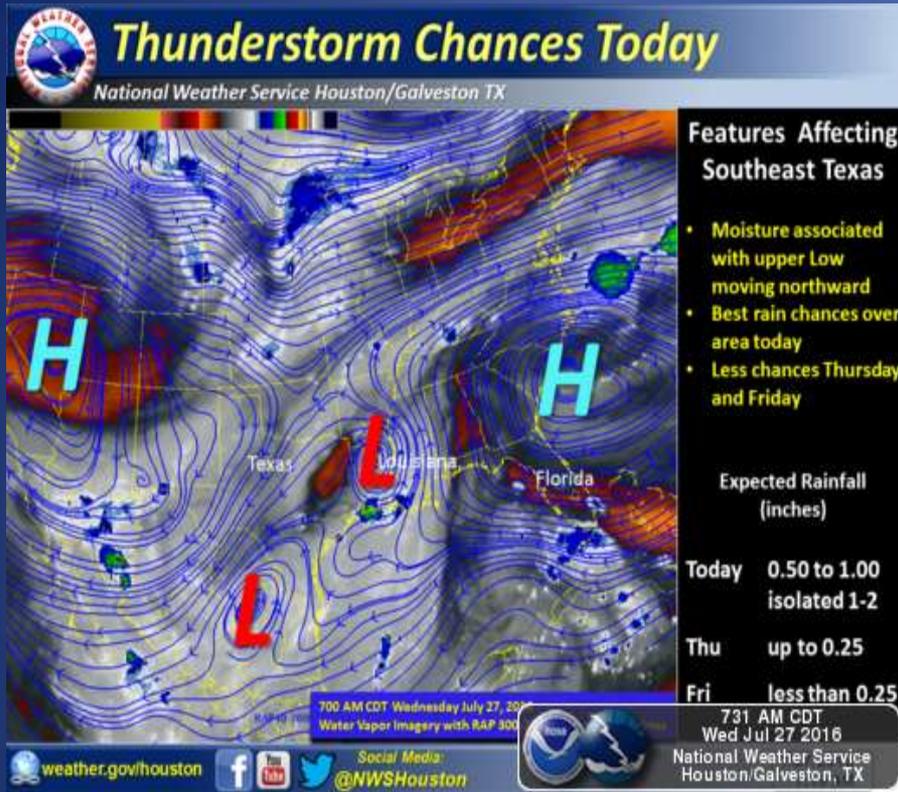


The air mass over the Borderland will increase in moisture and clouds on Wednesday, with scattered thunderstorms in the afternoon and evening a result. A few of these storms could produce small hail, gusty winds of 35 to 45 mph, and heavy rainfall and local flooding also possible. Temperatures will be cooler than the recent pass. In fact highs could remain at or just below normal, the first such instance since July 1.

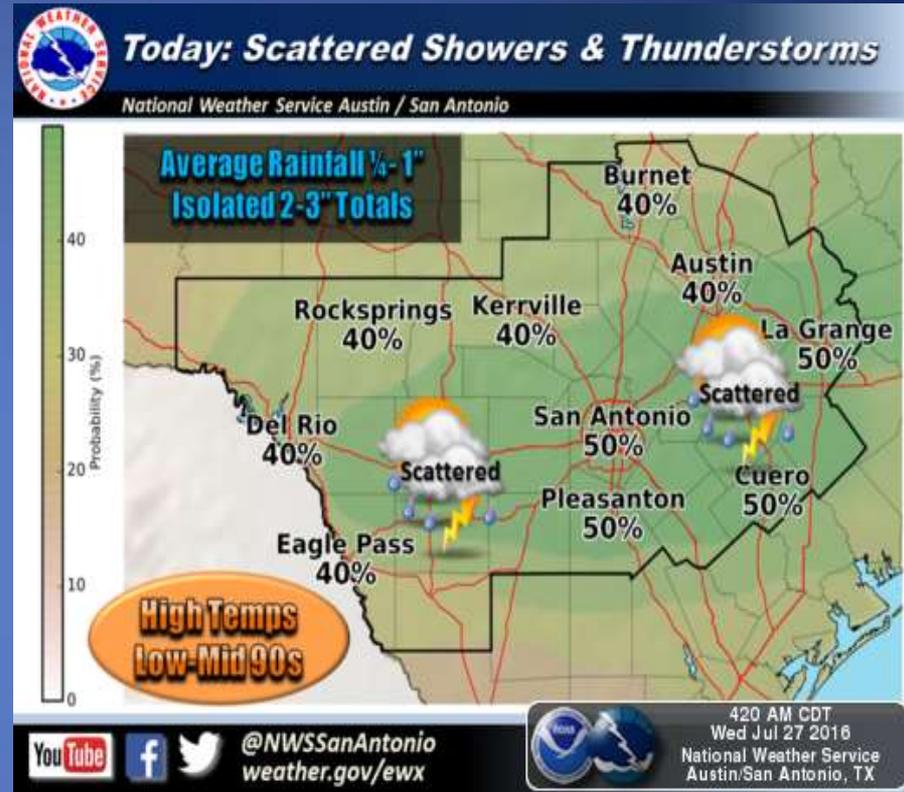


Highs will be a little cooler today with only a few 100s near the Rio Grande and 90s elsewhere. There will be a chance for storms in the Davis and Guadalupe Mountains...more isolated farther east.

Hazardous Weather



More thunderstorms will affect SE Texas today. Rainfall of one-half to one inch is possible, with isolated totals of 1 to 2 inches possible in stronger storms.



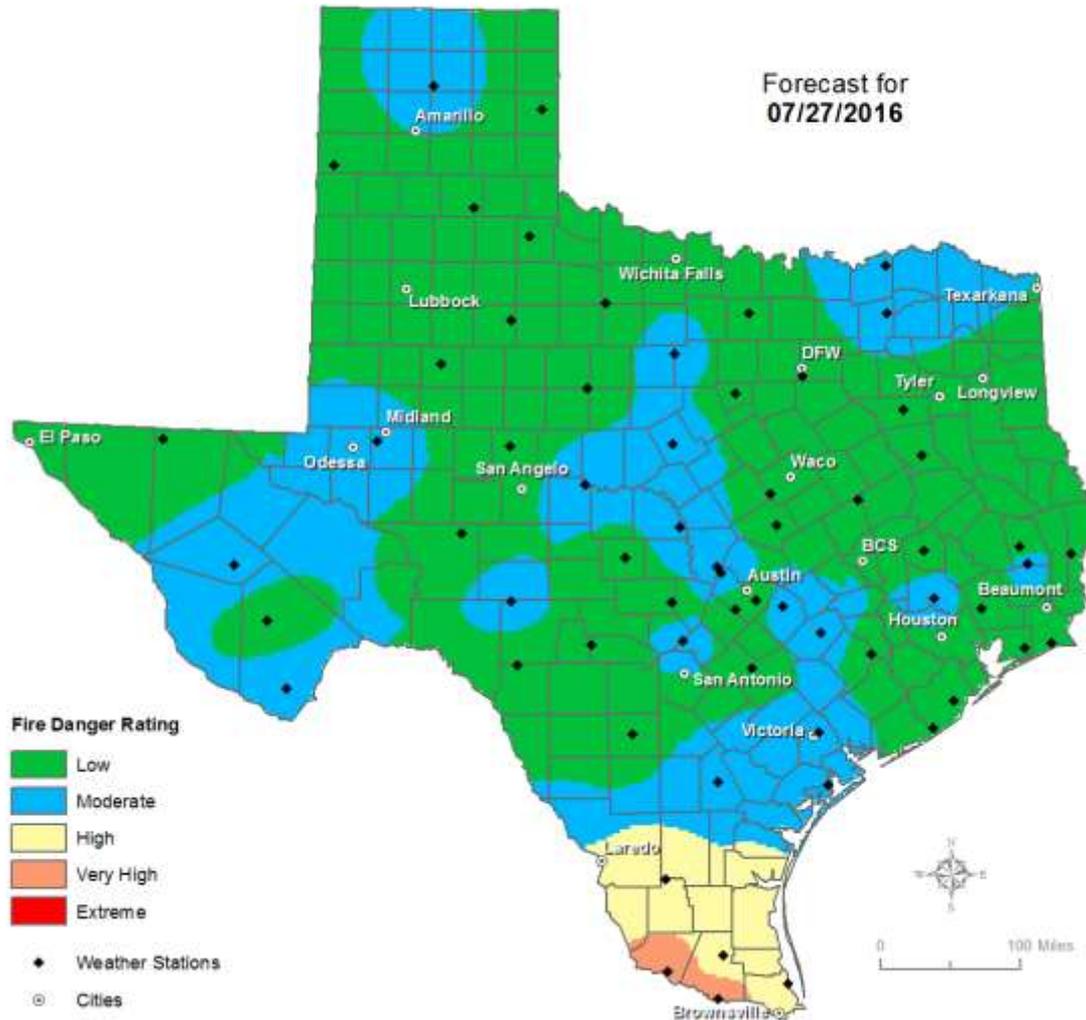
Scattered showers and thunderstorms are expected today. A few isolated storms could produce heavy rainfall up to 3 inches and wind gusts up to 40 mph. On average, rainfall amounts will be 1/4-1 inch with any storms. High temperatures will generally be in the mid 90s near the Rio Grande, around 90 across the Hill Country, and lower 90s along and east of I-35.

Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
07/26/16	Urban and Small Stream Flood Advisory	Bee, Goliad and Jim Wells Counties
07/26/16	Flood Advisory	Bastrop, Brazoria, Calhoun, Duval, Fort Bend, Galveston, Harris, Jim Wells, Live Oak, Medina and Travis Counties
07/26/16	Severe Thunderstorm Warning	Collingsworth and Donley Counties
07/27/16	Special Marine Warning	Coastal Waters From Freeport To Matagorda Ship Channel Tx Out 20 Nm, Coastal Waters From High Island To Freeport Tx Out 20 Nm, Galveston Bay, Matagorda Bay; Special Marine Warning, Coastal Waters From Cameron LA To High Island TX Out 20 Nm, Coastal Waters From Intracoastal City To Cameron LA Out 20 Nm
07/27/16	Flood Advisory	Bastrop, Caldwell, Hays and Travis Counties
07/27/16	Special Marine Warning	Coastal Waters from High Island to Freeport

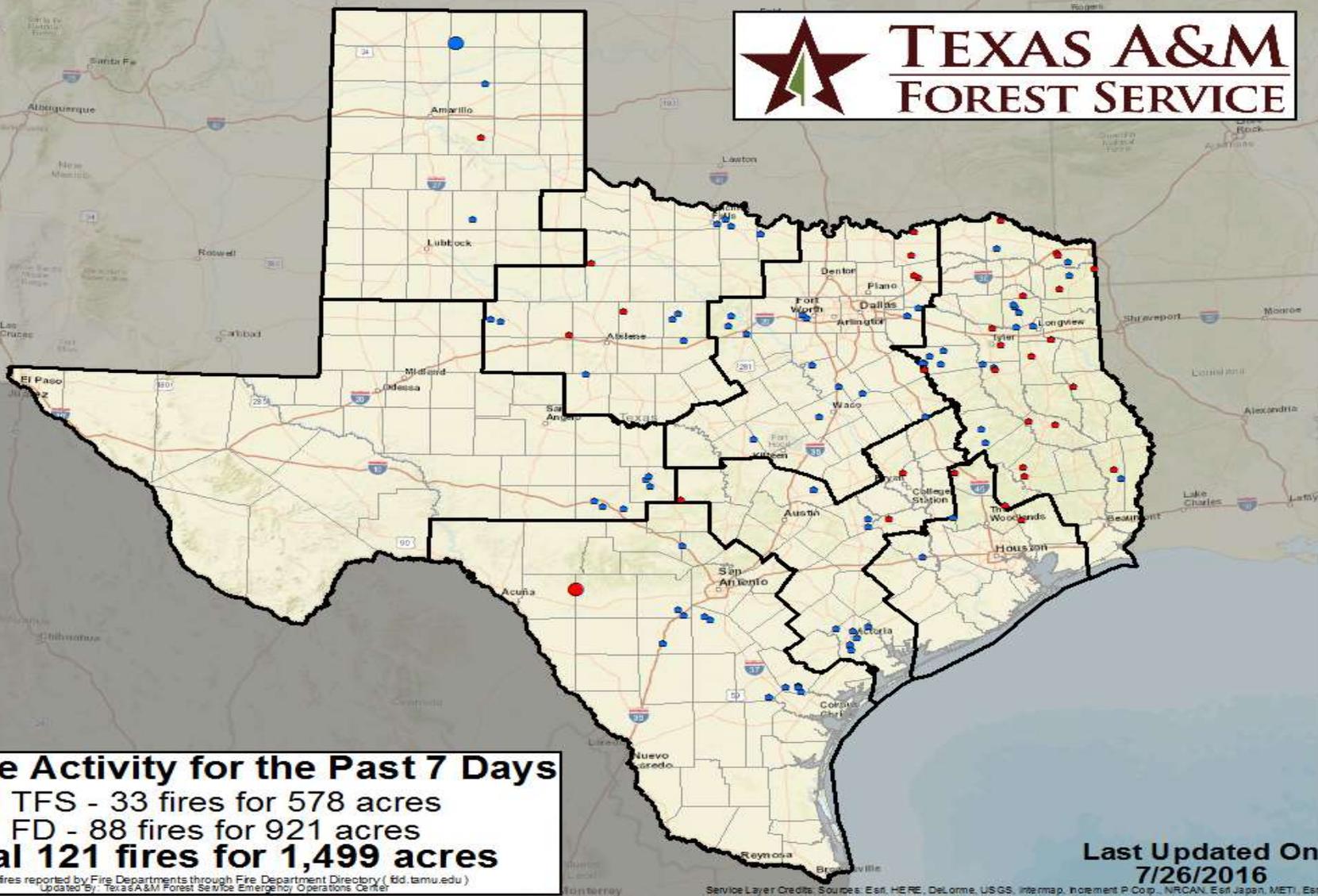
Fire Danger Forecast

Forecast Fire Danger



Fire Activity (*Last 24 Hours)

Reports 434 (+7) fires and 96,997 (+32) acres destroyed this year. There are 96 (+5) counties with burn bans. The Keetch-Byram Drought Index list 216 (+3) counties with an average over 400.



Wildfire Activity for the Past 7 Days

- TFS - 33 fires for 578 acres
- FD - 88 fires for 921 acres

Total 121 fires for 1,499 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
7/26/2016

Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Taiwan), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Training

DATES		TITLE	COURSE	LOCATION
07/25/16	07/27/16	Intermediate Incident Command System for Expanding Incidents	G-300	El Paso
07/25/16	07/28/16	WMD Radiological/Nuclear Course for HazMat Technicians	PER-241	Las Vegas
07/26/16	07/27/16	Campus Emergencies Prevention, Response, and Recovery	MGT-324	Mesquite
07/26/16	07/27/16	Critical Asset Risk Management	MGT-315	Dallas
07/26/16	07/28/16	EOC Operations and ICS Interface	G-975	Houston
07/27/16	07/27/16	Disaster Recovery Workshop	G-608	Baytown
07/27/16	07/27/16	Orientation to Disaster District Emergency Operations	T-615	Beaumont
07/27/16	07/28/16	Disaster Management for Water and Wastewater Utilities	MGT-343	Plano
07/27/16	07/28/16	Disaster Management for Water and Wastewater Utilities	MGT-343	Texas City
07/27/16	07/29/16	WMD Radiological/Nuclear Responder Operations	PER-240	Humble

Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
07/25/16	07/29/16	Texas Department of State Health Services/ Multiple Locations	Full-Scale Operation Lone Star
07/25/16	07/29/16	Laredo Health Department/ Laredo	Full-Scale Operation Lone Star
07/25/16	07/29/16	Hidalgo County Health Department/ San Juan and Edinburg	Full-Scale Operation Lone Star
07/27/16	07/27/16	City of Mission/Mission	Workshop: All Hazards Readiness
07/27/16	07/27/16	City of Mission/Mission	Functional: Flood/Flash Flooding

Statewide Significant Events

DATE(S)		LOCATION	EVENT
07/14/16	07/31/16	Houston	Ringling Brothers and Barnum & Bailey Circus
07/22/16	07/27/16	Houston	Houston Astros MLB Baseball
07/25/16	07/31/16	Arlington	Texas Rangers MLB Baseball