

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Wednesday, November 2nd 2016
As of 0900 CST

Tropical Weather Awareness

Atlantic Tropical Cyclones and Disturbances

www.hurricanes.gov

8:00 am EDT
Wed Nov 2 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)

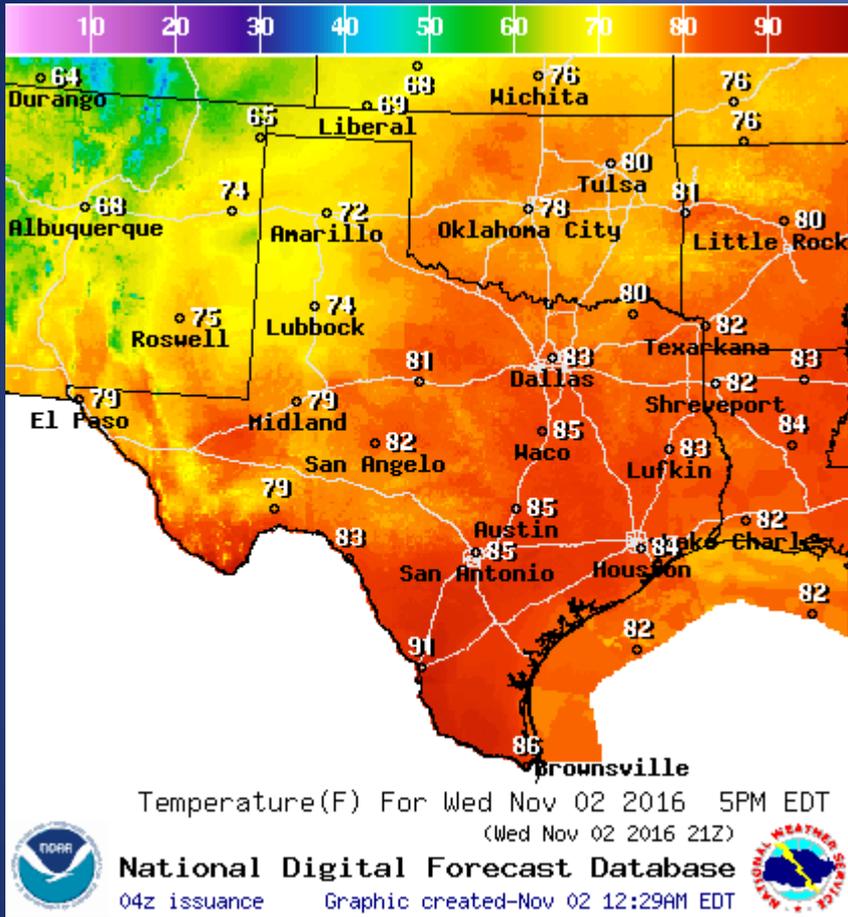
DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
11/01/16	Silver Alert Request from Waco Police Department	McLennan County	Y
11/01/16	Initial Report of a Road Closure (US 79)	Anderson/Cherokee Counties	N
11/01/16	Initial Report of the Wildfire Road Fire	Howard County	N
11/01/16	Final Report of a Road Closure (US 79)	Anderson/Cherokee Counties	Y
11/01/16	Final Report of the Wildfire Road Fire	Howard County	Y
11/01/16	AMBER Alert Activation for Cherokee County Sheriff's Office	Cherokee County	N
11/02/16	Initial Report of a Road Closure (IH 10)	Gonzales County	N
11/02/16	ELT Mission 16M0827 Opened	Harris County	N

Informational Products

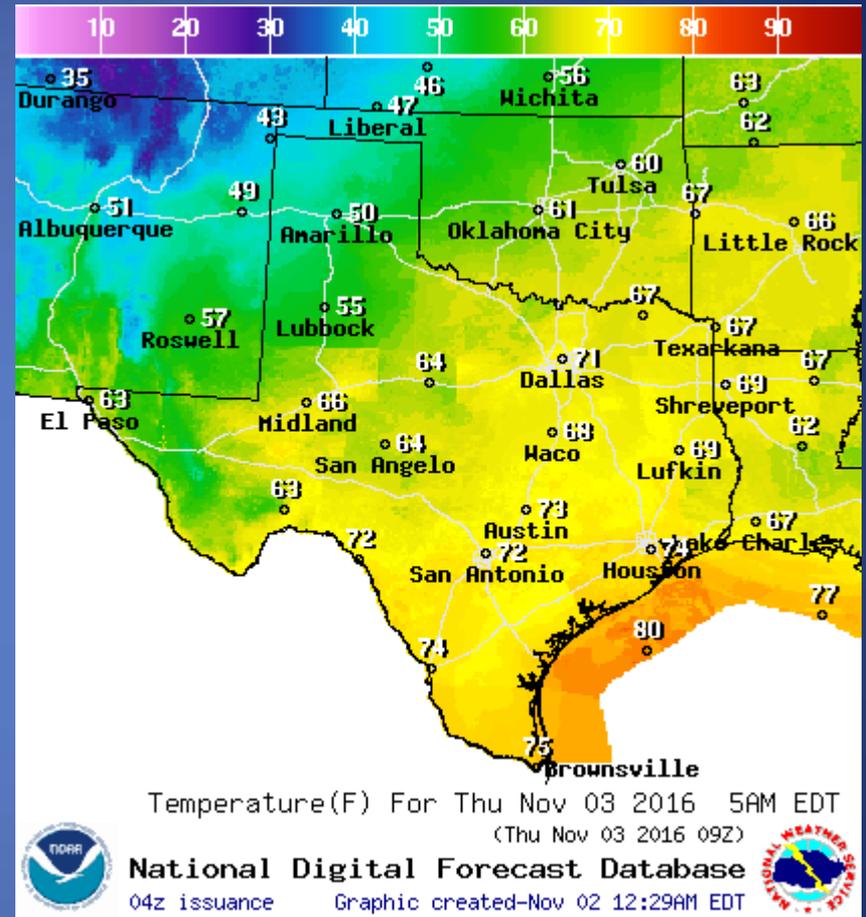
Distributed by the State Operations Center

DATE	SUBJECT
11/02/16	FEMA Region 6 Daily Situation Awareness Briefing
11/02/16	NWS Brownsville: Public Information Statement, NOAA Weather Radio in Pharr Texas is Off The Air
11/02/16	Daily NWS Threat Brief for Wednesday, November 2, 2016 for FEMA Region 6

Weather Forecast

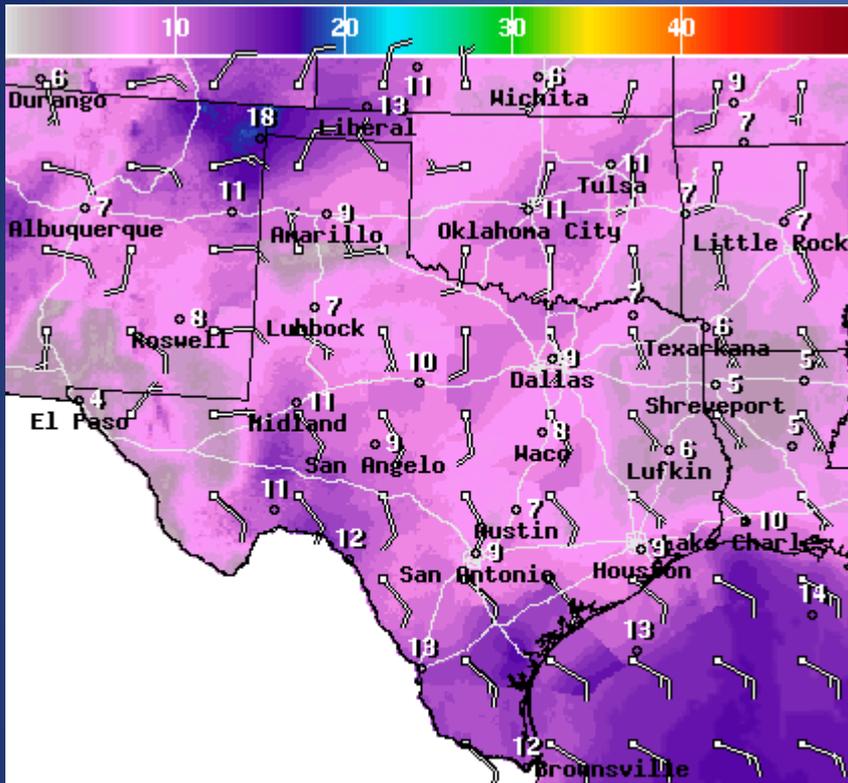


Highs



Lows

Weather Forecast



WindSpd(Kts) & WindDir For Wed Nov 02 2016 5PM EDT
(Wed Nov 02 2016 21Z)

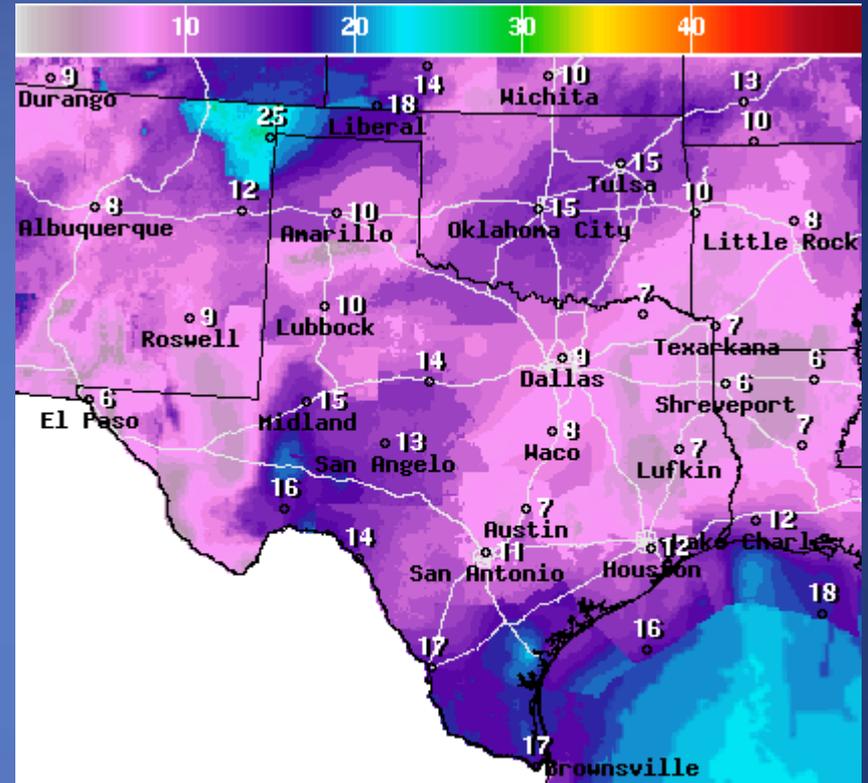


National Digital Forecast Database

04z issuance Graphic created-Nov 02 12:34AM EDT



Wind Speeds



Wind Gust(Kts) Wed Nov 02 2016 5PM EDT
(Wed Nov 02 2016 21Z)



National Digital Forecast Database

04z issuance Graphic created-Nov 02 12:36AM EDT



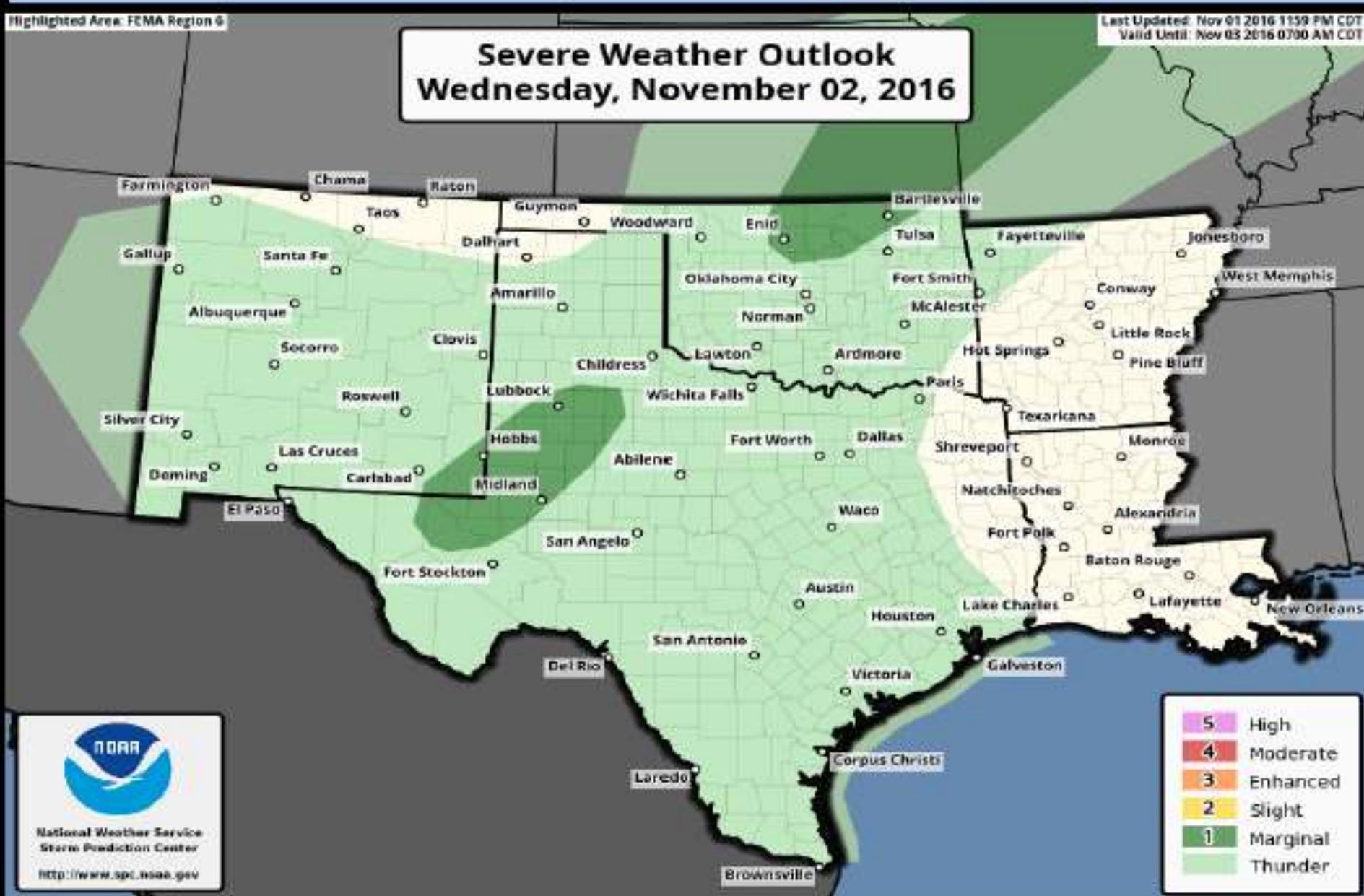
Gusts

Hazardous Weather

Highlighted Area: FEMA Region 6

Last Updated: Nov 01 2016 11:59 PM CDT
Valid Until: Nov 03 2016 07:00 AM CDT

Severe Weather Outlook Wednesday, November 02, 2016



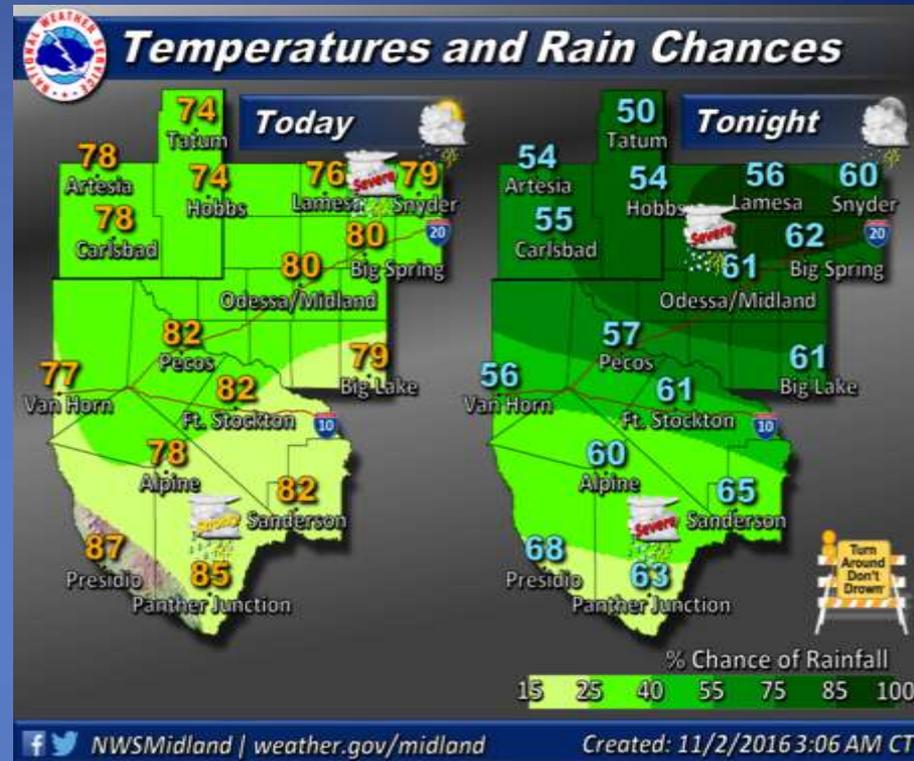
National Weather Service
Storm Prediction Center
<http://www.spc.noaa.gov>

5	High
4	Moderate
3	Enhanced
2	Slight
1	Marginal
	Thunder

Hazardous Weather



Rain chances have finally returned to our forecast. With the clouds and moisture we will continue to see a slow cooling trend for our afternoon high temperatures. A cold front will move across the area late in the day to help bring in even more cooler air.



Thunderstorms will be possible, especially tonight as a cold front enters the region. Best chances will be over the Permian Basin, Western Low Rolling Plains, and Southeast New Mexico plains. Any storms that do develop will be accompanied by frequent lightning, heavy rainfall resulting in localized flash flooding, small hail, and brief gusty winds. Isolated severe storms will be possible, with large hail and damaging winds. Otherwise, above-normal temperatures expected!

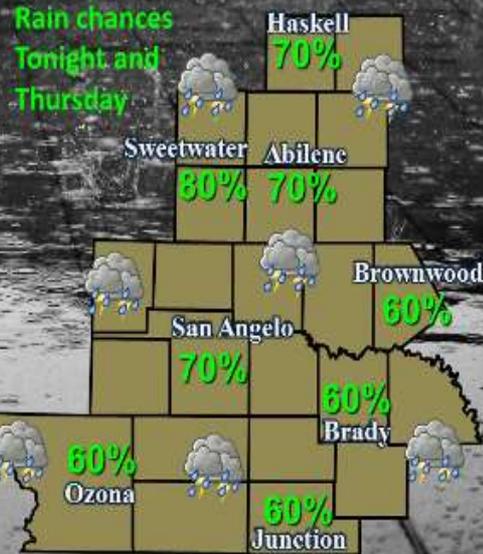
Hazardous Weather

Rainfall Returns! Showers & Thunderstorms likely

When:
* Tonight & Thursday

Totals:
* ¼ to ½ inch most areas
* A few locations may see 1-2 inches

Temperatures
Turning a little cooler with highs in the 70s and lows in the 50s.



Chance of rain possible on Wednesday and Thursday. Stay tuned.



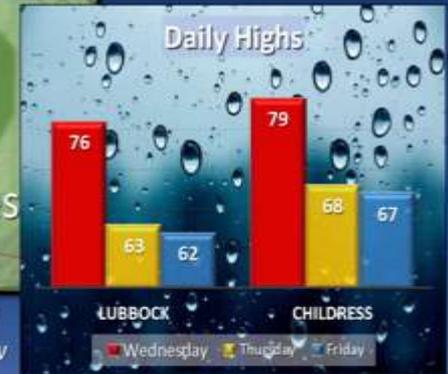
Cooler Temperatures and Rain Chances

NWS Lubbock



Thunderstorms transition into general rain showers later tonight into tomorrow morning.

Afternoon highs take a tumble from the 80s and 90s starting today thanks to a cold front.

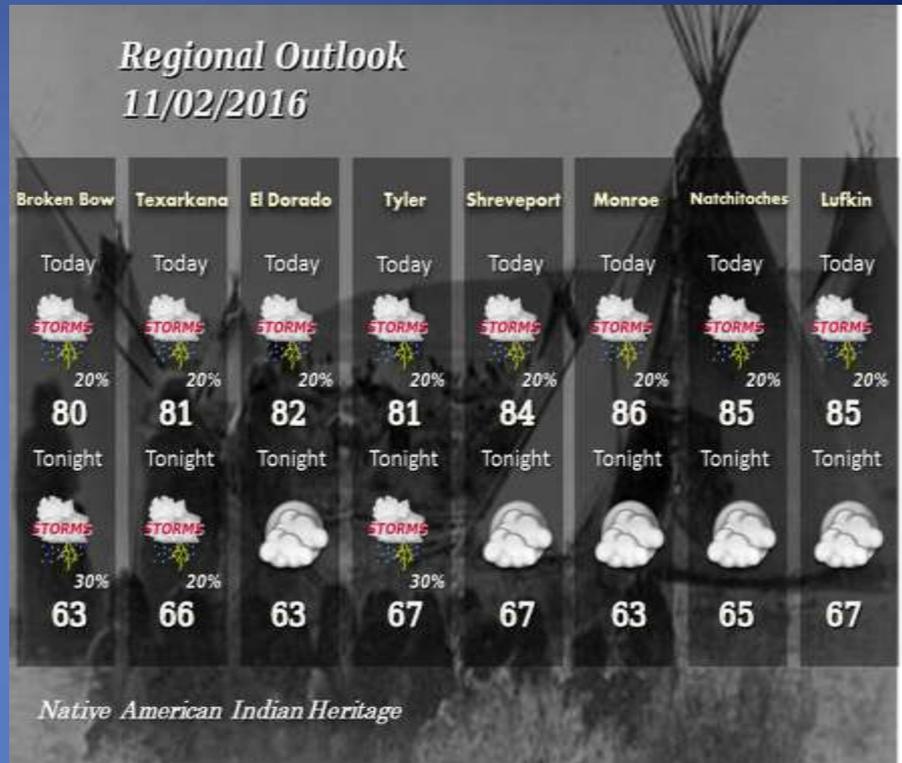


Thanks to a cold front on Wednesday, afternoon highs will start to take a tumble from the 80s and 90s of late. Shower and thunderstorm chances will also return to the region, with the best chance for thunderstorms occurring on Wednesday afternoon through the evening. A transition to general rain showers by Thursday morning is expected.

Hazardous Weather



Warm and breezy conditions will occur again today as Gulf Moisture spreads north across the area ahead of an upper level low pressure system (currently located over the Desert Southwest) and a cold front. Lift generated by the upper level system will help kick off a few showers and storms today. The best rain chances will be over the western half of the region, with the most likely time being this afternoon. Severe weather is not expected, but a few strong storms are possible.



Chance for showers and a few thunderstorms today, and so the cloudy conditions will lead to temperatures a few degrees cooler than recent days. No Record Breaking heat expected!

Hazardous Weather

Today
National Weather Service Houston/Galveston

Scattered showers and thunderstorms expected across the region today, with most in the afternoon hours.

Brief heavy rain will be possible with stronger activity.

Otherwise, warm with highs in the mid 80s.

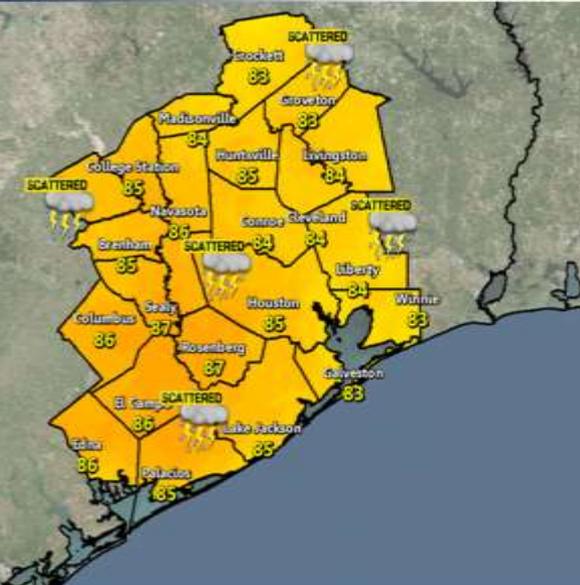
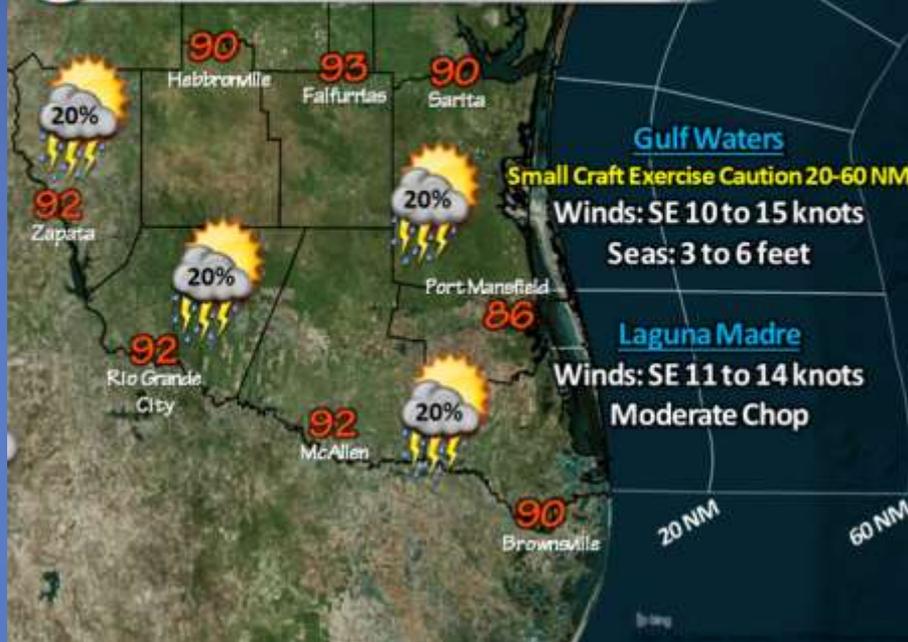


Image 11/2/2016
Created 5:34 AM

@NWSHouston
weather.gov/houston

Scattered showers and thunderstorms are expected across the region today, with most occurring in the afternoon hours. Brief heavy rain will be possible with stronger activity. Otherwise, unseasonably warm temperatures will continue today with highs in the mid 80s.

Partly Sunny, Isolated Showers and Storms
Wednesday, November 2, 2016



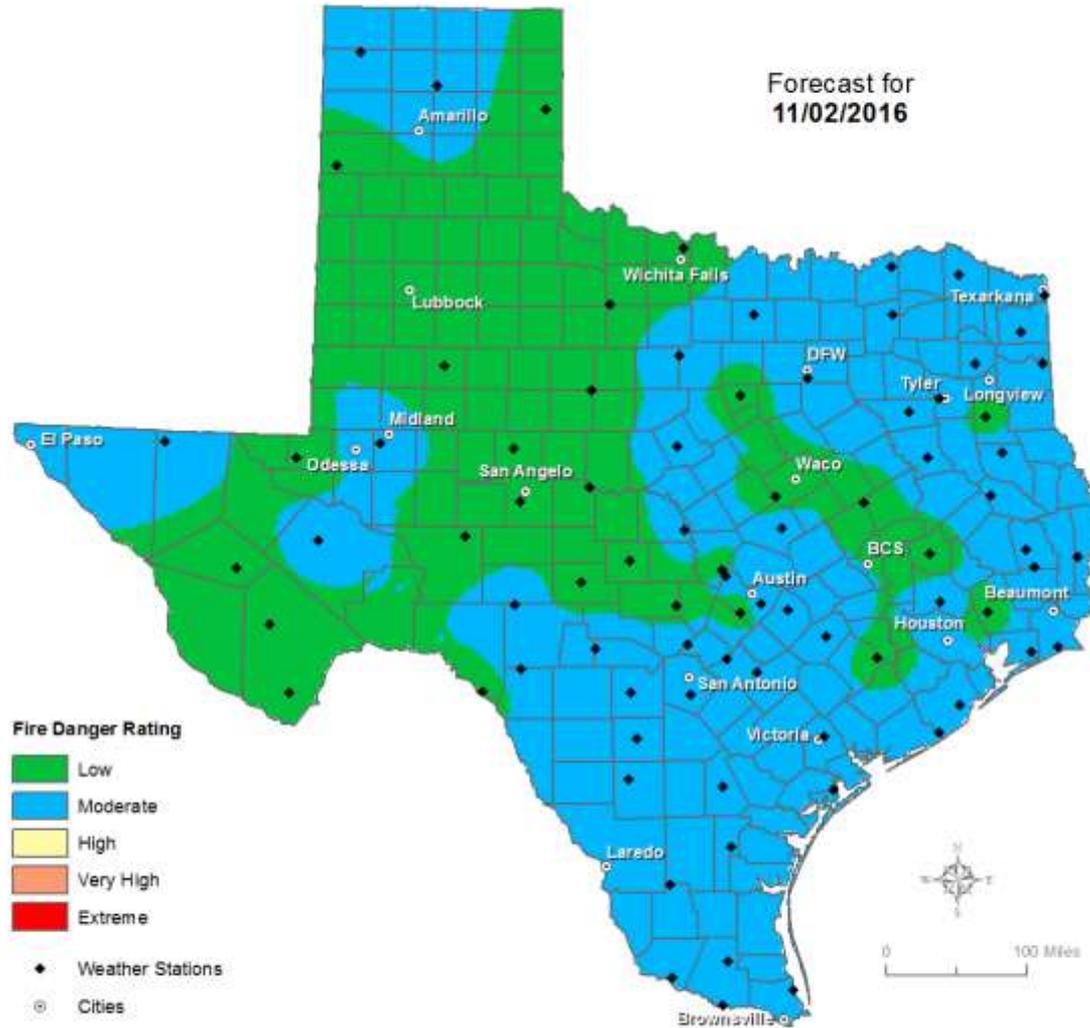
Gulf Waters
Small Craft Exercise Caution 20-60 NM
Winds: SE 10 to 15 knots
Seas: 3 to 6 feet

Laguna Madre
Winds: SE 11 to 14 knots
Moderate Chop

Despite increasing moisture, rain chances will continue to be limited due to upper level ridging of high pressure overhead the northwest Gulf of Mexico. Temperatures will continue to be well above normal with highs in the lower 90s across the all of Deep South Texas with not much relief expected in the short term. Remember to stay hydrated if you plan on spending long periods outdoors.

Fire Danger Forecast

Forecast Fire Danger



Burn Bans and KBDI INDEX

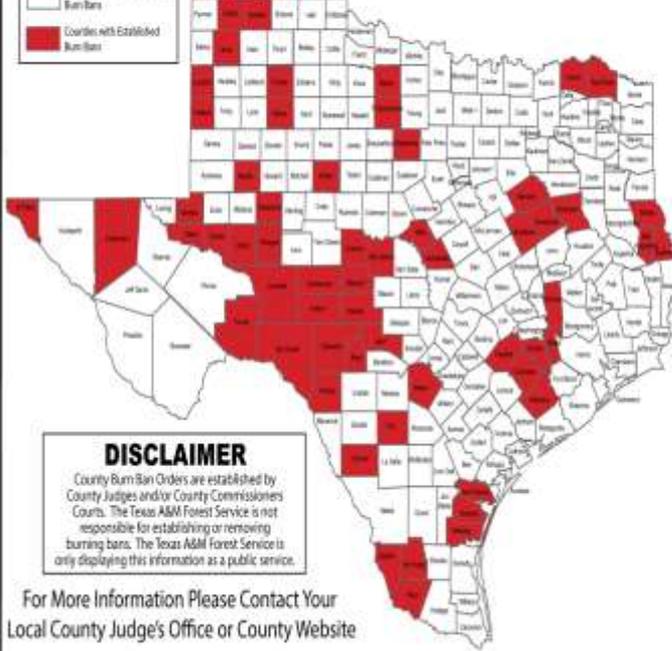
OUTDOOR BURN BANS

November 02, 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://tfsfp.tamu.edu/wildfires/BurnBan.xml>

Counties with Burn Bans: 68

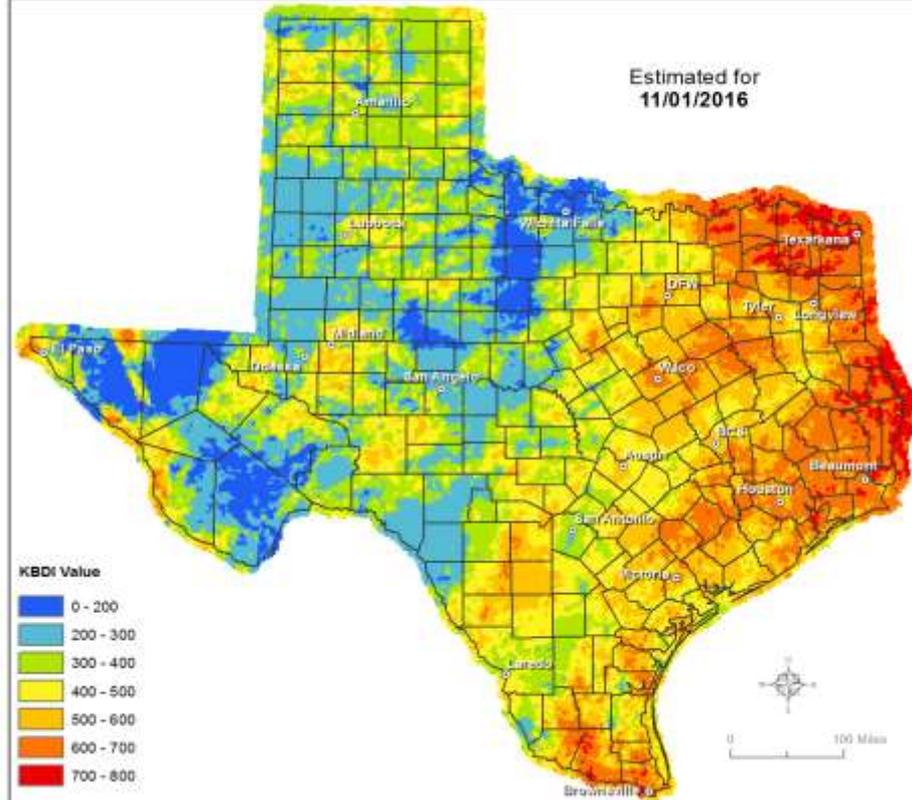
- | | |
|---------------|--------------|
| Anderson | Scheicher |
| Armstrong | Shelby |
| Austin | Sherman |
| Baylor* | Start |
| Bosque | Stephens |
| Castro | Sutton |
| Carson | Swisher |
| Collingsworth | Tarrant |
| Concho | Terrell |
| Cooper | Throckmorton |
| Cook | Upton |
| Cookson | Val Verde |
| Cooper | Walker |
| Calhoun | Ward |
| Dallam | Wharton |
| Deaf Smith | Wheeler |
| Dominick | Winkler* |
| Edwards | Yoakum |
| El Paso | Zapata |
| Fayette | |
| Freesburg | |
| Frisco | |
| Garcos | |
| Glasscock | |
| Grimes | |
| Hartley | |
| Jim Hogg | |
| Kerr* | |
| Kimble | |
| Kinney | |
| Kleberg | |
| Lamar | |
| Lamb | |
| Lampasas | |
| Limestone | |
| Martin | |
| McCulloch | |
| Meredith | |
| Milb | |
| Moore | |
| Navarro | |
| Nolan | |
| Nuñez | |
| Oldham | |
| Potter | |
| Reagan | |
| Real | |
| Red River | |
| Sabine | |
| San Augustine | |
| San Patricio | |

* Burn Ban Modified during a Red Flag Warning but Burn Bans will be back with County specific

Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
11/01/2016



KBDI Value

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



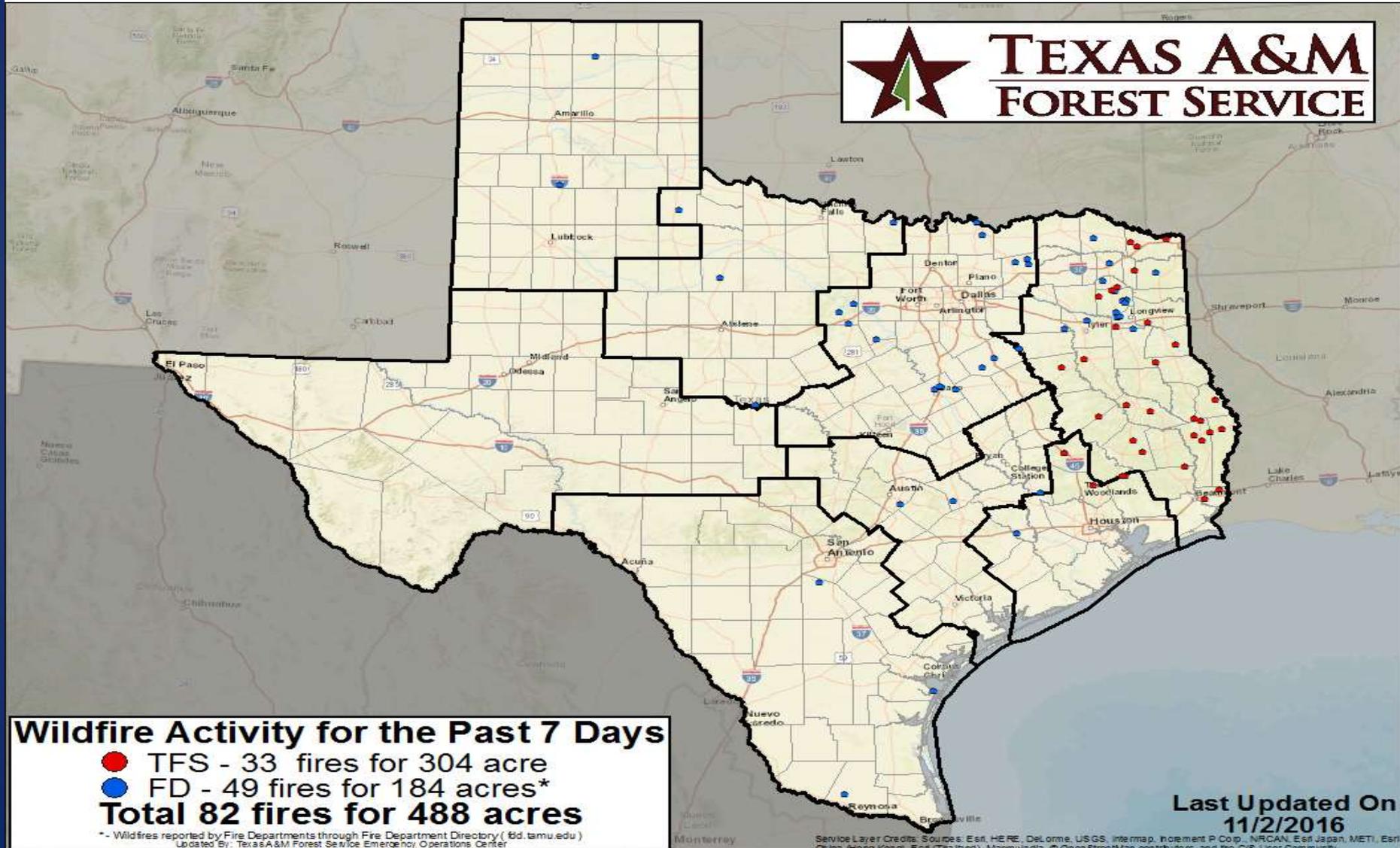
TEXAS A&M
AGRI LIFE
RESEARCH

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

TEXAS A&M
FOREST SERVICE

Fire Activity (*Last 24 Hours)

Reports 645 (+8) fires and 114,800 (+37) acres destroyed this year. There are 68 (+3) counties with burn bans. The Keetch-Byram Drought Index list 140 (+2) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
10/31/16	11/02/16	Intermediate Incident Command System for Expanding Incidents	G-300	Fort Sam Houston
10/31/16	11/03/16	Debris Management	G-202	Conroe
11/01/16	11/02/16	Advanced Incident Command System, Command and General Staff	G-400	Austin
11/01/16	11/03/16	HazMat First Responder Awareness/Operations	H-204	Big Spring
11/01/16	11/03/16	Intermediate Incident Command System for Expanding Incidents	G-300	Baytown
11/01/16	11/04/16	Introduction to the Computer-Aided Management of Emergency Operations (CAMEO) Suite [ICAMEO] (Train-the-Trainer)	PER-229-1	Conroe
11/02/16	11/02/16	REP Disaster Initiated Review (RDIR)	AWR-318	Denton
11/02/16	11/02/16	Pipeline Emergencies - Awareness	H-101	Roma
11/02/16	11/02/16	Disaster Accounting 101 (Module 1)	T-600.a	Beeville
11/02/16	11/02/16	WMD Radiological/Nuclear Awareness Course	AWR-140	Austin
11/02/16	11/03/16	Local Mitigation Planning Workshop	G-318	Pearland

Training

DATES		TITLE	COURSE	LOCATION
11/02/16	11/04/16	NIMS ICS All-Hazards Division/Group Supervisor (DIVS) Course	E/L-960	Beaumont
11/02/16	11/04/16	Intermediate Incident Command System for Expanding Incidents	G-300	Wichita Falls

Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
11/02/16	11/02/16	Capitol Area Council of Government/Giddings	Full Scale: HazMat Transportation
11/02/16	11/02/16	Capital Area Trauma Regional Advisory Council/Multiple locations in TSA-O Region	Full Scale: Eastern State Chaos
11/02/16	11/02/16	Midland Co. HD/Midland	Seminar: Region 9/10 ORR
11/02/16	11/02/16	City of El Paso Public Health/El Paso	Seminar: Region 9/10 ORR