

# Texas Department of Public Safety Texas Division of Emergency Management

## Texas State Operations Center



### Situation Awareness Brief

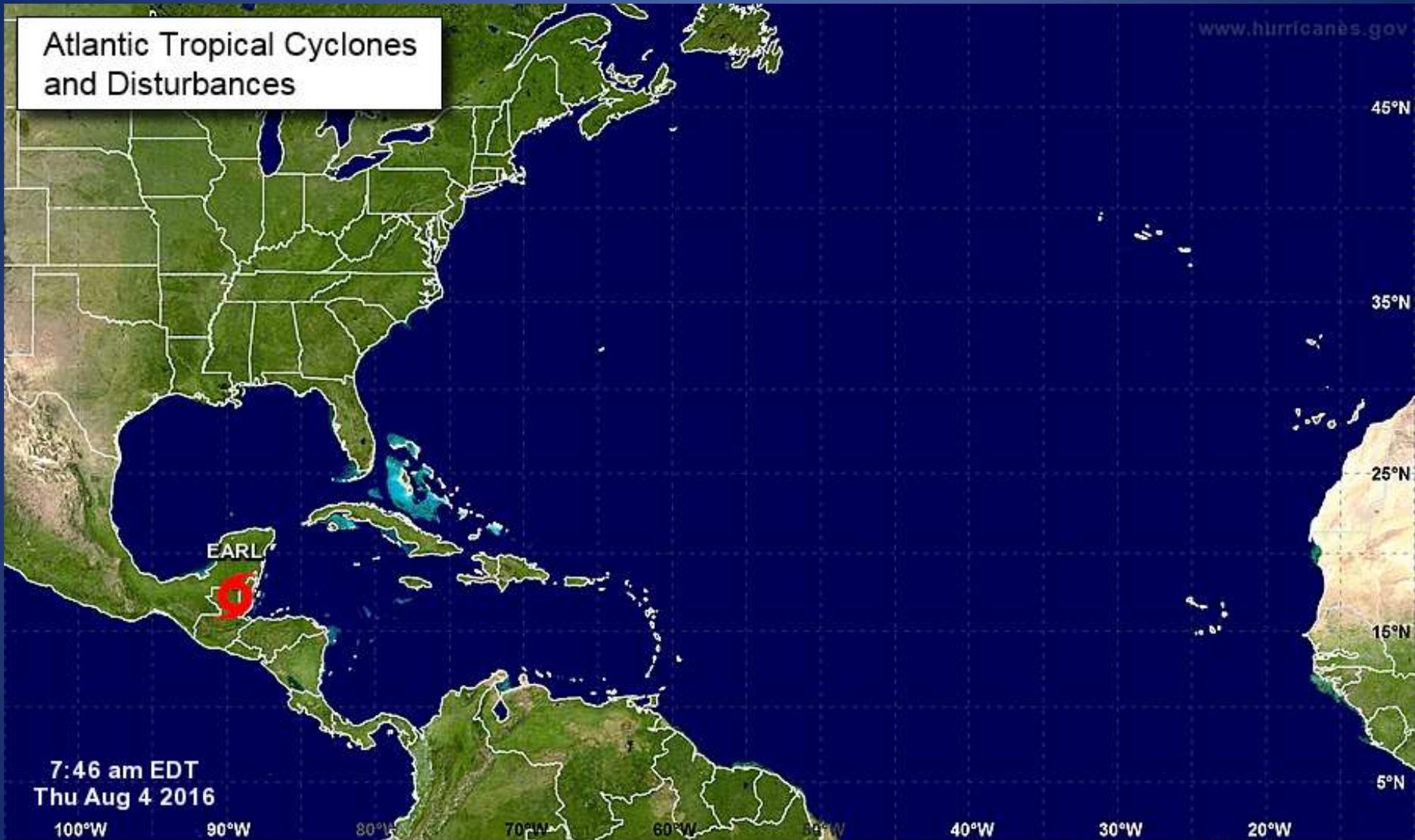


Thursday, August 4th 2016  
As of 0900 CST

# Tropical Weather Awareness

Atlantic Tropical Cyclones  
and Disturbances

www.hurricanes.gov



7:46 am EDT  
Thu Aug 4 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)

<b>DATE</b>	<b>EVENT / INCIDENT</b>	<b>LOCATION (City/County)</b>	<b>Final Report: Y/N</b>
08/03/16	Initial Report of the KC1121 Fire	Kimble County	N
08/03/16	Final Report of a Road Closure (US 60)	Hemphill County	Y
08/03/16	Initial Report of Gas line Rupture	Hardin County	N
08/03/16	Initial / Final Report of Wildland Fire	Bosque County	Y
08/03/16	CONTINUATION of Silver Alert for Hardin County Sheriff's Office	Hardin County	N
08/04/16	PLB 16M4688 Open	Freeport/Brazoria County	N
08/04/16	PLB 16M4688 Closed	Freeport/Brazoria County	Y

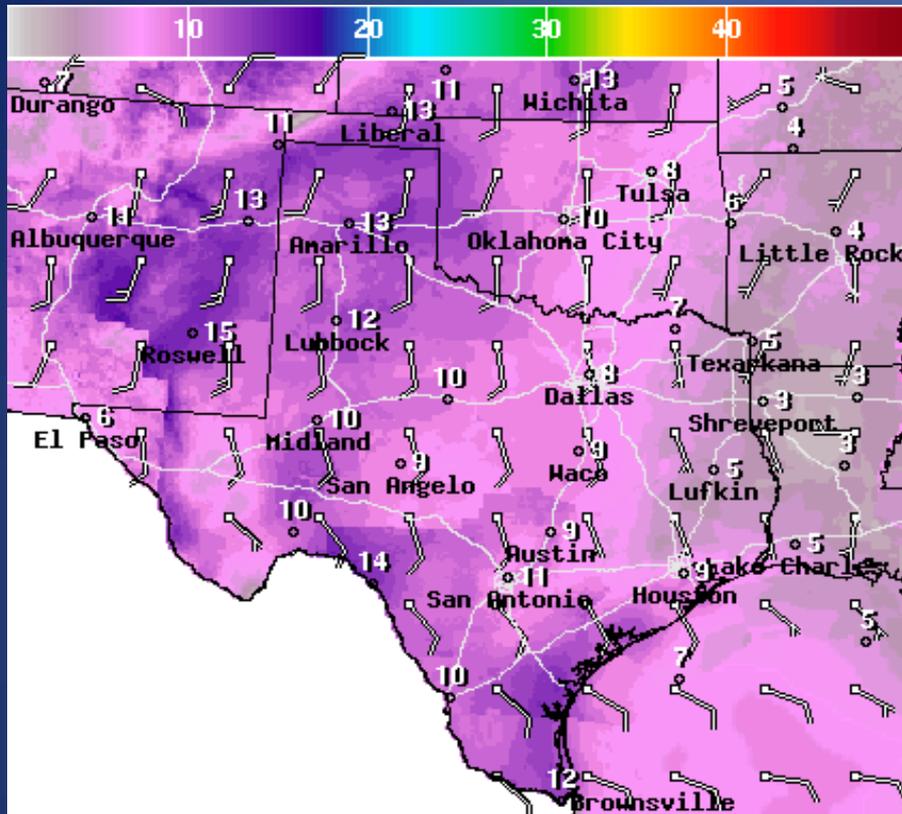
# Informational Products

## Distributed by the State Operations Center

<b>DATE</b>	<b>SUBJECT</b>
08/03/16	Texas Emergency Management Online
08/03/16	NWS Lake Charles: Tropical Weather Update: 1 pm Wednesday 8.3.16
08/03/16	NWS Amarillo: Public Information Statement- NOAA Weather Radio Now Operational
08/04/16	NWS Shreveport: Heat advisory upgraded to an excessive heat warning for much of the area today
08/04/16	Daily NWS Threat Brief for Thursday, August 04, 2016 for FEMA Region 6



# Weather Forecast



WindSpd(Kts) & WindDir For Thu Aug 04 2016 5PM EDT  
(Thu Aug 04 2016 21Z)

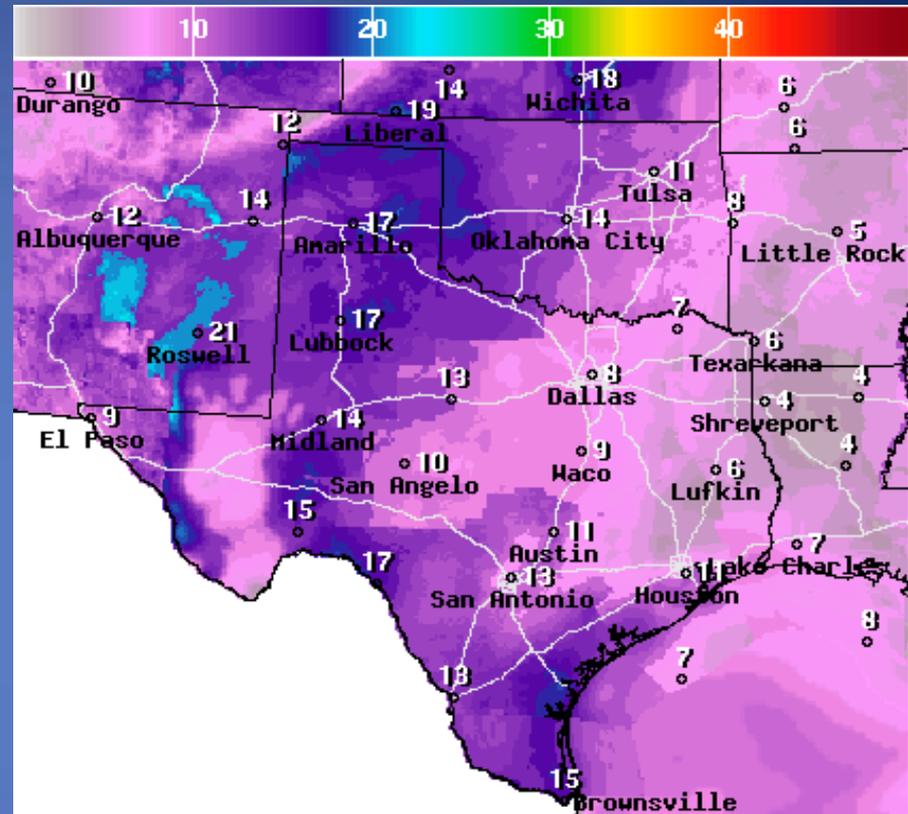


National Digital Forecast Database

05z issuance Graphic created-Aug 04 1:36AM EDT



## Wind Speeds



Wind Gust(Kts) Thu Aug 04 2016 5PM EDT  
(Thu Aug 04 2016 21Z)



National Digital Forecast Database

05z issuance Graphic created-Aug 04 1:38AM EDT



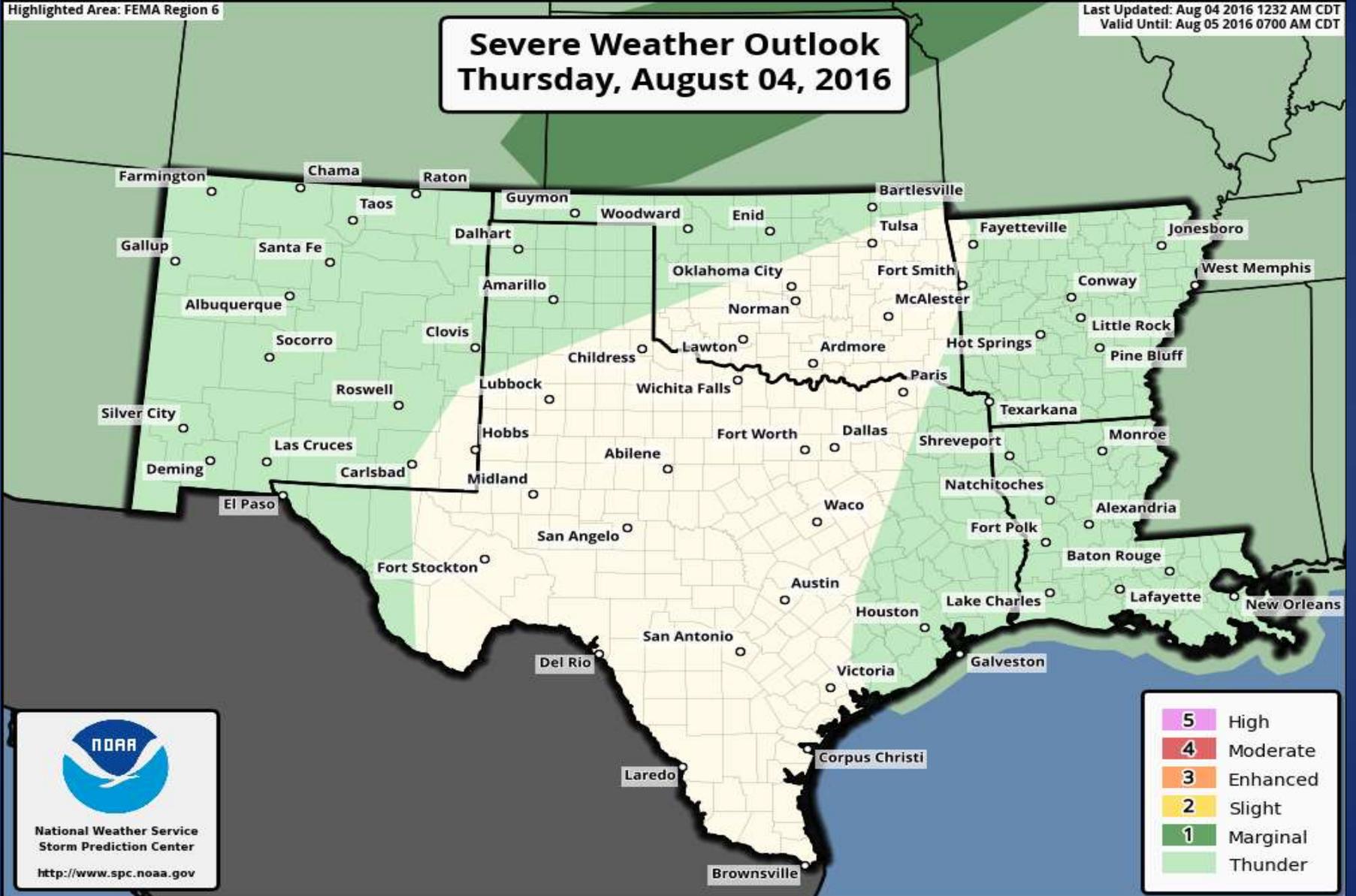
## Gusts

# Hazardous Weather

Highlighted Area: FEMA Region 6

Last Updated: Aug 04 2016 1232 AM CDT  
Valid Until: Aug 05 2016 0700 AM CDT

## Severe Weather Outlook Thursday, August 04, 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

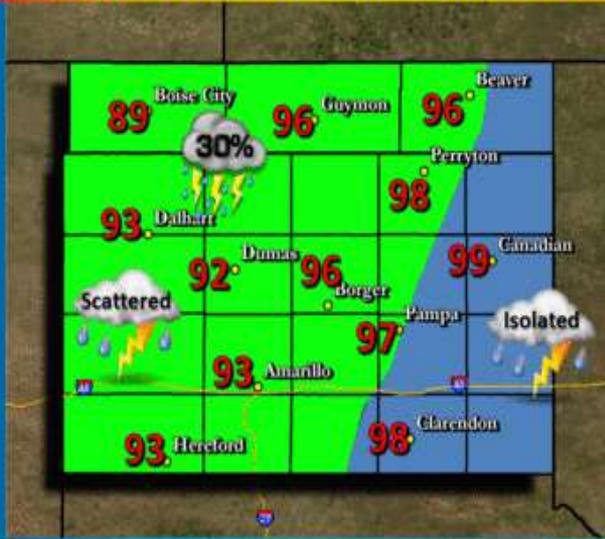


## Thursday's Forecast

Amarillo HIGH TEMPS IN THE LOWER TO UPPER 90S

Scattered thunderstorms in the west and central Panhandles.

Isolated thunderstorms in the east, but warmer temps.



National Weather Service - Amarillo

Issued: 8/4/2016 6:23 AM

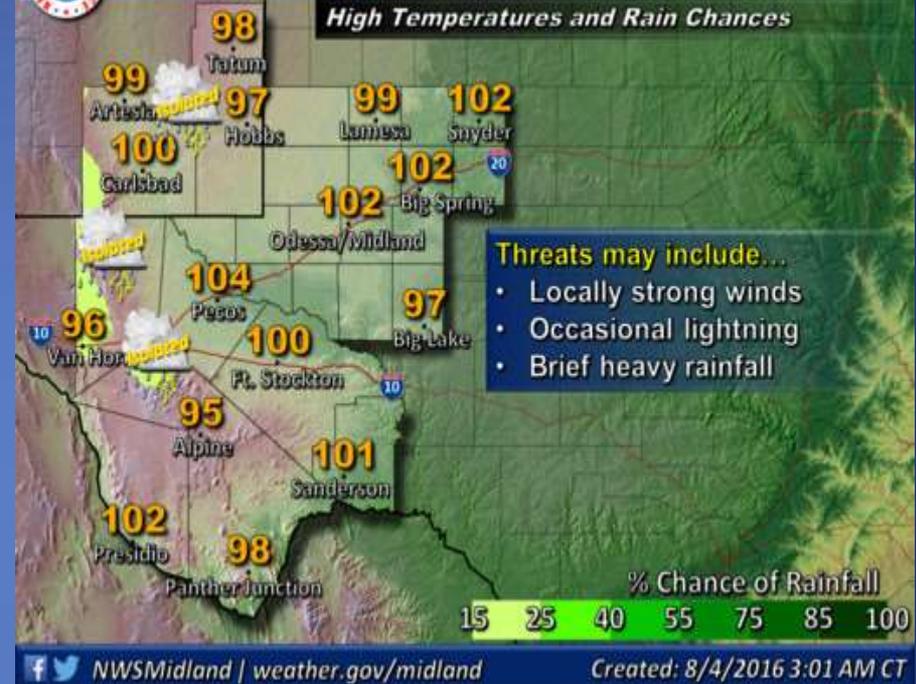


Today will be another warm day across the Panhandles, especially across the eastern Panhandles with highs ranging from the lower to upper 90s. Some isolated to scattered showers and thunderstorms are possible with the best chances across the western and central Panhandles.



## Hot Today

High Temperatures and Rain Chances



Another hot day with isolated storms near the mountains. Drink plenty of water if you will be outdoors!

# Hazardous Weather

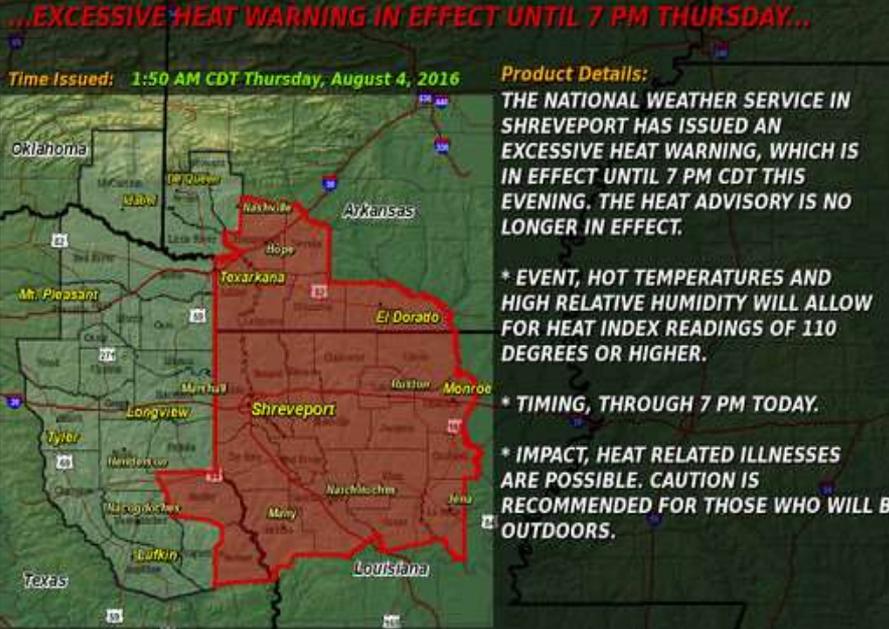
**...EXCESSIVE HEAT WARNING IN EFFECT UNTIL 7 PM THURSDAY...**

**Time Issued: 1:50 AM CDT Thursday, August 4, 2016**

**Product Details:**  
THE NATIONAL WEATHER SERVICE IN SHREVEPORT HAS ISSUED AN EXCESSIVE HEAT WARNING, WHICH IS IN EFFECT UNTIL 7 PM CDT THIS EVENING. THE HEAT ADVISORY IS NO LONGER IN EFFECT.

- \* EVENT, HOT TEMPERATURES AND HIGH RELATIVE HUMIDITY WILL ALLOW FOR HEAT INDEX READINGS OF 110 DEGREES OR HIGHER.
- \* TIMING, THROUGH 7 PM TODAY.
- \* IMPACT, HEAT RELATED ILLNESSES ARE POSSIBLE. CAUTION IS RECOMMENDED FOR THOSE WHO WILL BE OUTDOORS.

1:59 AM CDT  
Thu Aug 4 2016  
National Weather Service  
Shreveport, LA



**Thursday – Continued Hot**  
National Weather Service Fort Worth

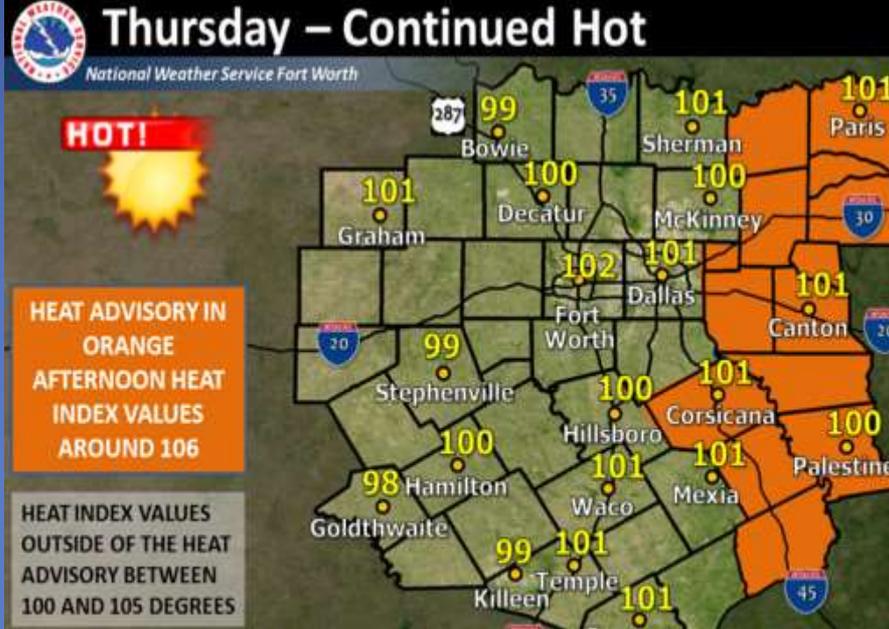
**HOT!**

**HEAT ADVISORY IN ORANGE  
AFTERNOON HEAT INDEX VALUES AROUND 106**

**HEAT INDEX VALUES OUTSIDE OF THE HEAT ADVISORY BETWEEN 100 AND 105 DEGREES**

**AFTERNOON HIGHS IN YELLOW**

4:18 AM CDT  
Thu Aug 4 2016  
National Weather Service  
Fort Worth, TX

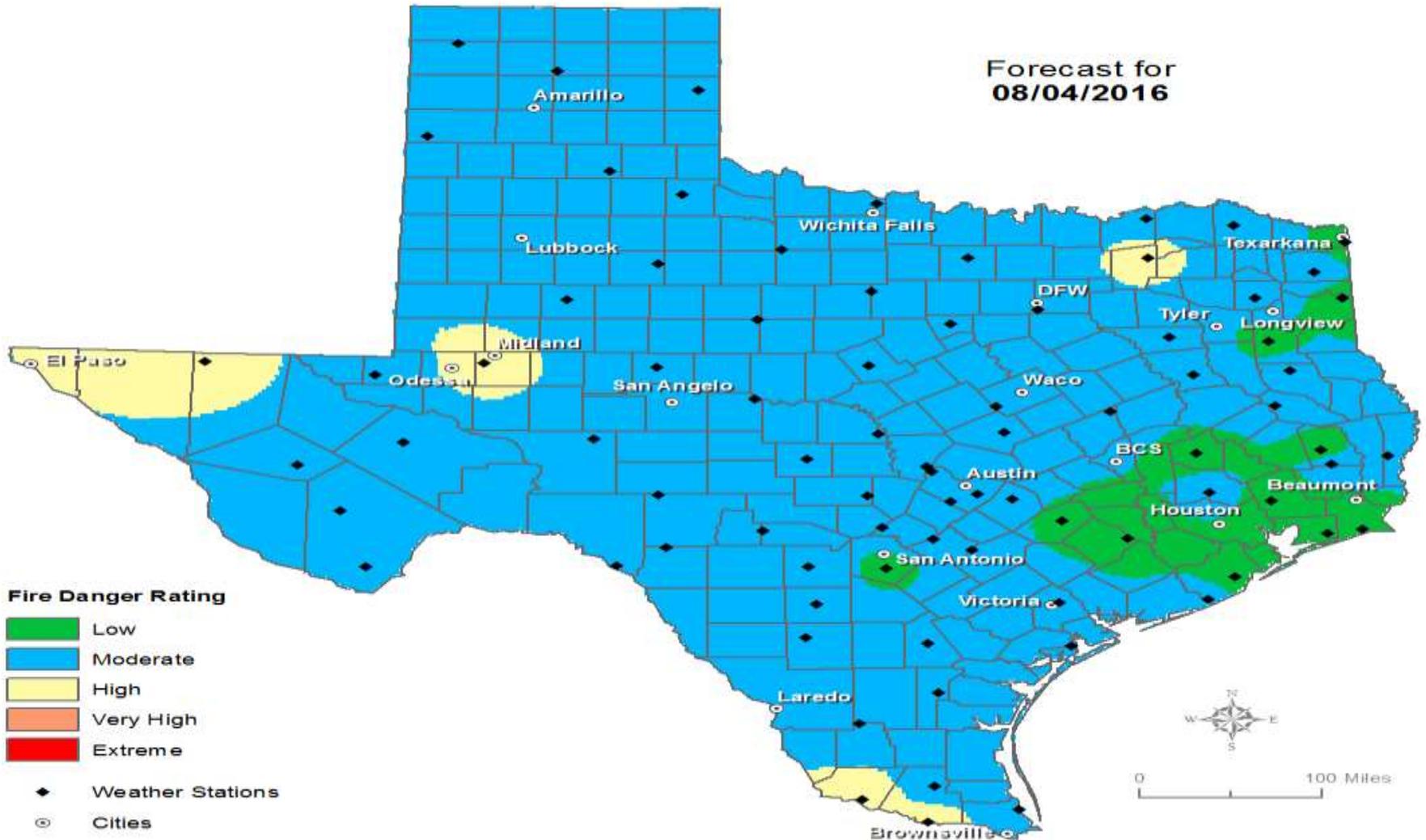


Another sunny and hot day is expected across North and Central Texas with afternoon highs from the upper 90s to around 102. A heat advisory is in effect along and east of a Bonham, Corsicana to Centerville line. Afternoon heat index values across the advisory area will be around 106. The remainder of the region will see afternoon heat index values between 100 and 105.

# Fire Danger Forecast

## Forecast Fire Danger

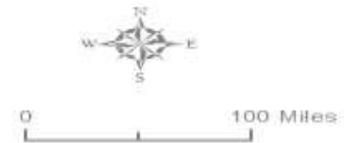
Forecast for  
08/04/2016



### Fire Danger Rating

- Low
- Moderate
- High
- Very High
- Extreme

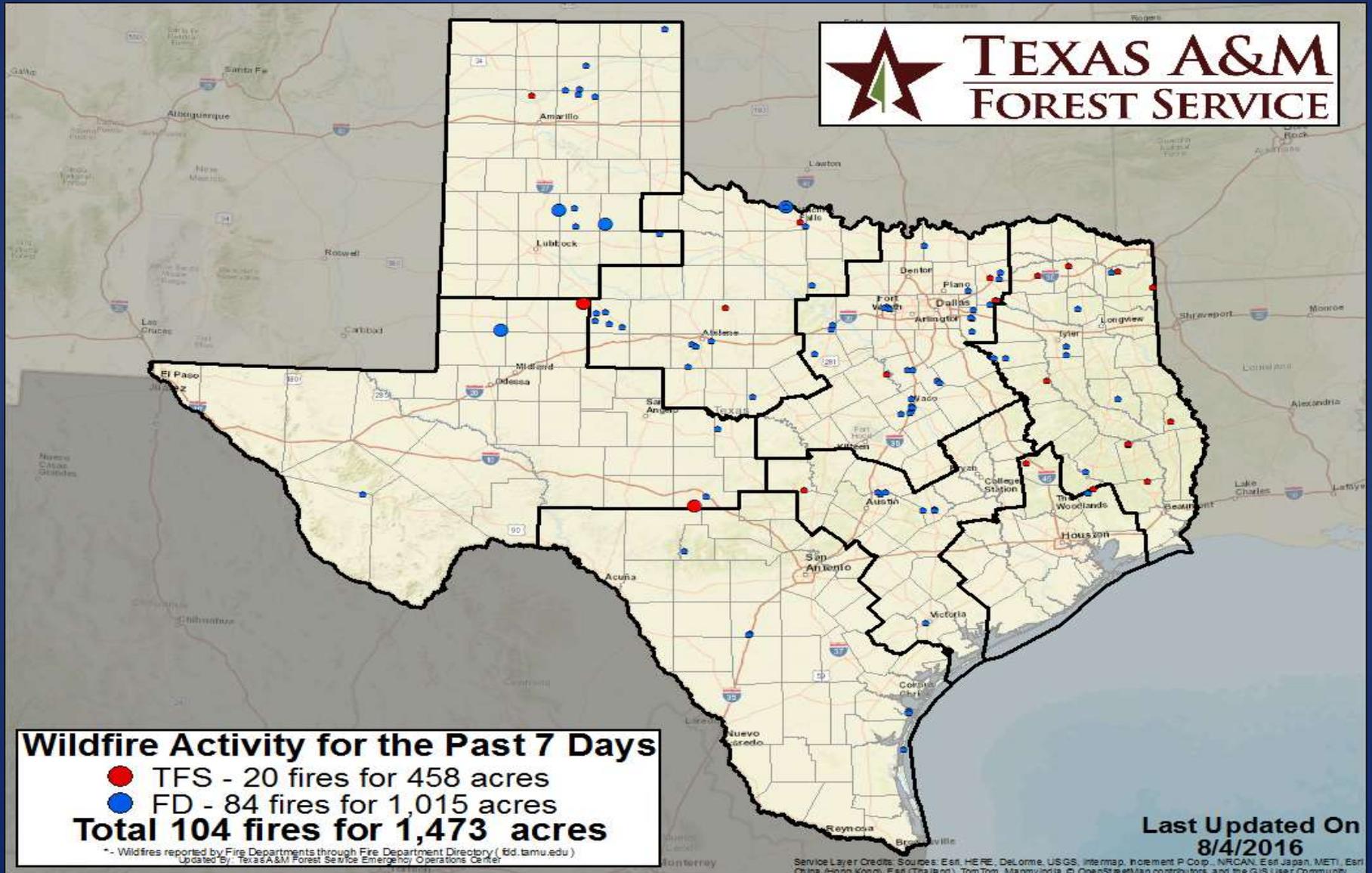
- Weather Stations
- Cities





# Fire Activity (\*Last 24 Hours)

Reports 451 (+4) fires and 97,489 (+167) acres destroyed this year. There are 112 (+4) counties with burn bans. The Keetch-Byram Drought Index list 227 (+3) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
08/01/16	08/12/16	HazMat Technician – Texas Commission on Fire Protection (TCFP) Certification	H-500	Arlington
08/02/16	08/04/16	Operational Level Response to HazMat/WMD Incidents	PER-212	Lancaster
08/02/16	08/04/16	Intermediate Incident Command System for Expanding Incidents	G-300	Amarillo
08/03/16	08/04/16	Advanced Incident Command System, Command and General Staff	G-400	McAllen
08/03/16	08/04/16	Local Mitigation Planning Workshop	G-318	Arlington
08/04/16	08/04/16	Disaster Accounting 101 (Module 1)	T-600.a	Anahuac
08/04/16	08/05/16	Advanced Incident Command System, Command and General Staff	G-400	Amarillo

# Statewide Significant Events

DATE(S)		LOCATION	EVENT
08/01/16	08/07/16	Houston	Houston Astros MLB Baseball