

Storm Data and Unusual Weather Phenomena - August 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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TEXAS, North Panhandle

(TX-Z011) OLDDHAM

08/02/16 00:45 CST	0	Wildfire
08/02/16 07:00 CST	0	

The North Almaseitos Pasture wildfire began around 0045CST about six miles east northeast of Adrian Texas in Oldham county. The wildfire consumed approximately six hundred acres and was caused by lightning. There were no homes or other structures that were threatened and none were damaged or destroyed. There were also no reports of any injuries or fatalities. The wildfire was contained around 0700CST and approximately three fire departments or other fire agencies responded to the wildfire.

(TX-Z011) OLDDHAM

08/02/16 01:34 CST	0	Wildfire
08/02/16 08:30 CST	0	

The Scharbauer River wildfire began around 0134CST about seventeen miles north northeast of Adrian Texas in Oldham county. The wildfire started just south of the Canadian River and consumed approximately two thousand and five hundred acres. The wildfire was caused by lightning. There were no homes or other structures threatened by the wildfire and none were damaged or destroyed. There were also no reports of any injuries or fatalities. The wildfire was contained around 0830CST and approximately three fire departments or other fire agencies responded to the wildfire.

(TX-Z002) SHERMAN

08/03/16 11:40 CST	0	Wildfire
08/03/16 18:00 CST	0	

The Coldwater Draw wildfire began around 1140CST about fifteen miles north of Sunray Texas in Sherman county. The wildfire started just west of the Coldwater Cattle Company Lake or Pleasure Pond. The wildfire consumed approximately twelve hundred acres and was caused by lightning. There were no homes or other structures that were threatened and none were damaged or lost by the wildfire. There were also no reports of any injuries or fatalities. The wildfire was contained around 1800CST and there were a total of five fire departments or other fire agencies that responded to the wildfire.

(TX-Z002) SHERMAN

08/03/16 12:39 CST	0	Wildfire
08/03/16 17:00 CST	0	

The Lightening wildfire began around 1239CST about sixteen miles south of Texhoma Texas in Sherman county. The wildfire consumed approximately thirteen hundred acres and was caused by lightning. There were no homes or other structures threatened or lost and there also were no reports of any injuries or fatalities. The wildfire was contained around 1700CST and a total of five fire departments or other fire agencies that responded to the wildfire.

(TX-Z005) LIPSCOMB

08/04/16 12:42 CST	0	Wildfire
08/04/16 18:00 CST	0	

The Braums wildfire began around 1242CST about seven miles south of Follett Texas in Lipscomb county and started east of Farm to Market Road 1454. The wildfire consumed approximately three hundred and fifty acres and was caused by lightning. There were two homes that were threatened but were saved, however no homes or other structures were damaged or lost by the wildfire. There were no reports of any injuries or fatalities. The wildfire was contained 1800CST and there were a total of six fire departments or other fire agencies that responded to the wildfire.

(TX-Z005) LIPSCOMB

08/04/16 12:45 CST	0	Wildfire
08/04/16 18:00 CST	0	

The Don Beard wildfire began around 1245CST about five miles east of Lipscomb Texas in Lipscomb county and started just west of the intersection of County Road T and County Road 22. The wildfire consumed approximately three hundred acres and was caused by lightning. There was one home that was threatened but saved, however no homes or other structures were damaged or lost by the wildfire. There were also no reports of any injuries or fatalities. The wildfire was contained around 1800CST and there were a total of four fire departments or other fire agencies that responded to the wildfire.

(TX-Z013) CARSON

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	08/05/16 19:05 CST		0	Wildfire
	08/05/16 23:30 CST		0	

The Button wildfire began around 1905CST about two miles west northwest of Skellytown Texas in Carson county. The wildfire began just south of the intersection of State Highway 152 and Farm to Market Road 1059 and consumed approximately three hundred acres. The cause of the wildfire was determined to be from lightning. There were no reports of homes or any other structures threatened or lost and there were no reports of any injuries or fatalities. The wildfire was contained between 2300CST and 2400CST and a total of six fire departments or other fire agencies responded to the wildfire.

WHEELER COUNTY --- 2.1 NNW NEW MOBEETIE [35.56, -100.44]

08/23/16 15:55 CST	0	Hail (1.00 in)
08/23/16 15:55 CST	0	Source: Trained Spotter

WHEELER COUNTY --- 3.6 NNE NEW MOBEETIE [35.58, -100.41]

08/23/16 16:15 CST	0	Thunderstorm Wind (EG 52 kt)
08/23/16 16:15 CST	0	Source: Broadcast Media

Large tree limbs blown down...damaging a truck. Time estimated.

WHEELER COUNTY --- 4.4 NE BRISCOE [35.62, -100.22]

08/23/16 16:18 CST	0	Thunderstorm Wind (EG 52 kt)
08/23/16 16:18 CST	0	Source: Fire Department/Rescue

Large tree blown in half.

HEMPHILL COUNTY --- 5.8 ENE CANADIAN [35.92, -100.28]

08/23/16 16:19 CST	0	Thunderstorm Wind (MG 53 kt)
08/23/16 16:19 CST	0	Source: Mesonet

HEMPHILL COUNTY --- 0.7 N CANADIAN [35.91, -100.38]

08/23/16 17:10 CST	0	Thunderstorm Wind (EG 60 kt)
08/23/16 17:10 CST	0	Source: Public

Trees blown down.

A convergence boundary was stretched roughly from Amarillo, TX to Beaver, OK. This was the main surface based focus for convection initiation. Instability values of 1000 - 2500 J/kg MLCAP and weak deep layer shear developed more pulse like storms. This lead to severe wind gusts as the main severe weather threat on this day.

COLLINGSWORTH COUNTY --- 4.0 NW DODSON [34.81, -100.07]

08/25/16 15:45 CST	0	Hail (1.25 in)
08/25/16 15:45 CST	0	Source: Public

Hail damage to about 10 acres of crops. Time estimated.

POTTER COUNTY --- 3.1 ESE (AMA)AMARILLO INTL A [35.20, -101.67]

08/25/16 16:27 CST	0	Hail (1.25 in)
08/25/16 16:27 CST	0	Source: Storm Chaser

POTTER COUNTY --- 4.5 ENE (AMA)AMARILLO INTL A [35.25, -101.65]

08/25/16 16:39 CST	0	Hail (1.25 in)
08/25/16 16:39 CST	0	Source: Storm Chaser

MOORE COUNTY --- 2.4 WNW FOUR WAY [35.69, -102.01]

08/25/16 18:41 CST	0	Hail (1.25 in)
08/25/16 18:41 CST	0	Source: Storm Chaser

HARTLEY COUNTY --- 3.6 SSE CHANNING [35.63, -102.31]

08/25/16 19:17 CST	0	Hail (2.50 in)
08/25/16 19:17 CST	0	Source: Storm Chaser

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An upper level trough along with a stalled frontal system was set up across the TX Panhandle. An embedded strip of weak 500 hPa vorticity moved NE through the TX Panhandle along with main upper level trough moving NE through the Panhandles. In a high MUCAPE, low shear environment with 500 hPa temps ranging between -8C and -11C, the mid levels supported hail growth. As a result, large hail was the main severe weather report with these complex of storms.

LIPSCOMB COUNTY --- 1.8 ENE BOOKER [36.46, -100.50], 2.6 NE BOOKER [36.48, -100.50], 3.0 NE BOOKER [36.48, -100.49], 2.5 ENE BOOKER [36.46, -100.49]

08/27/16 16:04 CST	0	Flash Flood (due to Heavy Rain)
08/27/16 16:04 CST	0	Source: Law Enforcement

On county road 4 north of highway 15...two cars went off the road in very heavy rainfall and into a pasture. Sheriffs office said it was weather related and due to alot of water on the road. The two cars hydroplaned and the deputy out there said it was raining really hard. Nobody was hurt and they were able to get the cars out of the pasture.

An upper level trough to the west of the Panhandles and an upper level high pressure system to the east of the Panhandles brought a continuous stream of sub-tropical air into the region. Weak 700-500 hPa mean wind flow in conjunction with SBCAPE between 1000-2000 J/Kg, storms developed and were training, especially over the northeastern TX Panhandle where the flash flooding report occurred.

GRAY COUNTY --- 1.8 ENE MC LEAN [35.24, -100.57]

08/28/16 15:05 CST	0	Thunderstorm Wind (MG 50 kt)
08/28/16 15:05 CST	0	Source: Mesonet

GRAY COUNTY --- MC LEAN [35.23, -100.60], 1.7 W MC LEAN [35.23, -100.63], 1.7 W MC LEAN [35.23, -100.63], 9.2 E MC LEAN [35.23, -100.44], 7.1 E MC LEAN [35.23, -100.47]

08/28/16 16:10 CST	0	Flash Flood (due to Heavy Rain)
08/28/16 16:10 CST	0	Source: County Official

Reported eight inches of standing water on Interstate 40 around mile marker 140 to 150. Report of cars going off the interstate.

A upper level 500 hPa perturbation upstream of the Panhandles provided the weak source of uplift for the convection development downstream in the eastern Panhandles. Weak 700-500 hPa mean flow in-conjunction with good CAPE values 2000-3000 J/Kg across the eastern Panhandles, a line of storms developed with some training which lead to the Flash Flooding report. Some of these storms along the line helped produced severe wind gust as well.