

## Storm Data and Unusual Weather Phenomena - July 2022

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

(OK-Z001) CIMARRON, (OK-Z002) TEXAS, (OK-Z003) BEAVER

07/01/22 00:00 CST		0		Drought
07/31/22 23:59 CST		0		

During the month of July some areas, especially in the western combined Panhandles improved while other areas saw degradations in categorical drought per the US Drought Monitor. Overall drought conditions persisted across the combined Panhandles during the month of July. Irrigated corn was doing well but well behind schedule. Winter wheat harvest ended with yields well below normal. Rangeland and pasture conditions continued to be poor with an increase in cattle continuing to be sold, well above past years, as supplemental feeding becomes expensive when cattle should be grazing natural grasslands. A couple of wildfires in the Texas occurred during the month of July due to the drought conditions as well.

CIMARRON COUNTY --- 3.0 SSE BOISE CITY [36.69, -102.50]

07/20/22 19:40 CST		0		Thunderstorm Wind (MG 52 kt)
07/20/22 19:40 CST		0		Source: Mesonet

Very high dewpoint and temperature spread at the surface led to gusty conditions as the line of storms moved in.

Monsoonal moisture created showers and thunderstorms over the higher terrain in northeast New Mexico and southeastern Colorado. These storms moved into the northwest combined Oklahoma and Texas Panhandles where the dry conditions at the surface helped created gusty conditions from rain cooled air. Thunderstorms generated severe wind gusts across the western Oklahoma Panhandle.

### TEXAS, North Panhandle

(TX-Z001) DALLAM, (TX-Z002) SHERMAN, (TX-Z003) HANSFORD, (TX-Z005) LIPSCOMB, (TX-Z006) HARTLEY, (TX-Z007) MOORE, (TX-Z008) HUTCHINSON, (TX-Z010) HEMPHILL, (TX-Z011) OLDFHAM, (TX-Z012) POTTER, (TX-Z013) CARSON, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL COUNTY, (TX-Z018) ARMSTRONG, (TX-Z019) DONLEY, (TX-Z020) COLLINGSWORTH

07/01/22 00:00 CST		0		Drought
07/31/22 23:59 CST		0		

During the month of July some areas, especially in the western combined Panhandles improved while other areas saw degradations in categorical drought per the US Drought Monitor. Overall drought conditions persisted across the combined Panhandles during the month of July. Irrigated corn was doing well but well behind schedule. Winter wheat harvest ended with yields well below normal. Rangeland and pasture conditions continued to be poor with an increase in cattle continuing to be sold, well above past years, as supplemental feeding becomes expensive when cattle should be grazing natural grasslands. A couple of wildfires in the Texas occurred during the month of July due to the drought conditions as well.

POTTER COUNTY --- (AMA)AMARILLO INTL A [35.22, -101.72]

07/02/22 15:12 CST		0		Thunderstorm Wind (MG 57 kt)
07/02/22 15:12 CST		0		Source: ASOS

HARTLEY COUNTY --- (DHT)DALHART MUNI AR [36.02, -102.55]

07/02/22 17:08 CST		0		Thunderstorm Wind (MG 57 kt)
07/02/22 17:08 CST		0		Source: ASOS

Scattered thunderstorms developed across the Texas Panhandle during the late afternoon and evening of the 2nd. A couple of these storms became severe in the areas due to instability present which resulted in wind gusts.

(TX-Z012) POTTER

07/03/22 13:00 CST		0		Wildfire
07/05/22 18:00 CST		0		

Strong winds, low relative humidity, and receptive fuels contributed to critical fire weather conditions across the Texas Panhandle on July 3rd.

OCHILTREE COUNTY --- 16.2 SE FARNSWORTH [36.09, -100.80]

07/06/22 15:33 CST		0		Thunderstorm Wind (EG 70 kt)
07/06/22 15:33 CST		0		Source: Law Enforcement

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>HUTCHINSON COUNTY --- 0.6 E HUTCHINSON CO ARPT [35.70, -101.39]</b>				
	07/06/22 17:17 CST		0	Thunderstorm Wind (MG 57 kt)
	07/06/22 17:17 CST		0	Source: ASOS
<b>HUTCHINSON COUNTY --- 1.3 WSW BORGER [35.66, -101.40]</b>				
	07/06/22 17:20 CST		0	Thunderstorm Wind (EG 65 kt)
	07/06/22 17:20 CST		0	Source: Emergency Manager
A box trailer was partially blown over onto a parked vehicle, and a warehouse garage door was relocated to inside the building.				
Scattered thunderstorms developed across the Texas Panhandle during the late afternoon and evening the 6th. Available instability resulted in strong to severe thunderstorms to develop. Given the atmospheric conditions, severe wind gusts were produced and reported across the region.				
<b>HUTCHINSON COUNTY --- 9.2 WNW PRINGLE [36.02, -101.59]</b>				
	07/08/22 14:00 CST		0	Hail (1.00 in)
	07/08/22 14:00 CST		0	Source: Public
<b>HUTCHINSON COUNTY --- 0.7 N FRITCH [35.64, -101.60]</b>				
	07/08/22 14:20 CST		0	Hail (1.00 in)
	07/08/22 14:20 CST		0	Source: Trained Spotter
<b>HUTCHINSON COUNTY --- 9.2 WNW PRINGLE [36.02, -101.59]</b>				
	07/08/22 14:41 CST		0	Hail (1.00 in)
	07/08/22 14:41 CST		0	Source: Public
<b>OCHILTREE COUNTY --- 6.2 S FARNSWORTH [36.19, -100.98]</b>				
	07/08/22 16:14 CST		0	Thunderstorm Wind (EG 70 kt)
	07/08/22 16:14 CST		0	Source: Law Enforcement
Several downed power poles were reorted with power outages.				
<b>POTTER COUNTY --- 4.0 ENE BUSHLAND [35.20, -102.00], 5.8 E BUSHLAND [35.20, -101.97], 5.7 E BUSHLAND [35.18, -101.97], 3.9 E BUSHLAND [35.18, -102.00]</b>				
	07/08/22 18:50 CST		0	Flash Flood (due to Heavy Rain)
	07/08/22 18:50 CST		0	Source: Public
Afternoon thunderstorms formed across portions of the Texas Panhandle on the afternoon of the 8th due to instability and wind shear in the atmosphere. As a result, severe thunderstorms developed with reports of large hail and wind damage due to severe wind gusts.				
<b>(TX-Z004) OCHILTREE, (TX-Z009) ROBERTS</b>				
	07/12/22 12:00 CST		0	Drought
	07/31/22 23:59 CST		0	
During the month of July some areas, especially in the western combined Panhandles improved while other areas saw degradations in categorical drought per the US Drought Monitor. Overall drought conditions persisted across the combined Panhandles during the month of July. Irrigated corn was doing well but well behind schedule. Winter wheat harvest ended with yields well below normal. Rangeland and pasture conditions continued to be poor with an increase in cattle continuing to be sold, well above past years, as supplemental feeding becomes expensive when cattle should be grazing natural grasslands. A couple of wildfires in the Texas occurred during the month of July due to the drought conditions as well.				
<b>(TX-Z011) OLDHAM</b>				
	07/12/22 15:00 CST		0	Wildfire
	07/13/22 00:00 CST		0	
Strong winds, low relative humidity, and receptive fuels contributed to critical fire weather conditions across the Texas Panhandle on July 12th.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>RANDALL COUNTY --- 0.3 WSW CANYON [34.98, -101.92], 0.5 ESE CANYON [34.98, -101.91], 0.8 SE CANYON [34.97, -101.91], 0.7 SSW CANYON [34.97, -101.92]</b>				
	07/12/22 18:45 CST		0	Flood (due to Heavy Rain)
	07/12/22 19:10 CST		0	Source: Public

Multiple reports and pictures relayed to the weather office over Facebook and Twitter , of minor flooding and ponding of water on roads and in residential yards. Rainfall reports of 1.5" to slightly over 2" of rain were received.

<b>POTTER COUNTY --- 6.6 NNE (AMA)AMARILLO INTL A [35.31, -101.68]</b>				
	07/12/22 20:40 CST		0	Hail (0.88 in)
	07/12/22 20:40 CST		0	Source: Public

Accumulating hail was occurring at the time of the report along parts of HWY 136.

<b>CARSON COUNTY --- 4.0 SW PANTEX [35.29, -101.62]</b>				
	07/12/22 20:50 CST		0	Hail (1.75 in)
	07/12/22 20:50 CST		0	Source: Trained Spotter

<b>HUTCHINSON COUNTY --- 1.3 WSW BORGER [35.66, -101.40]</b>				
	07/12/22 22:08 CST		0	Thunderstorm Wind (EG 70 kt)
	07/12/22 22:08 CST		0	Source: Trained Spotter

Windows blown out, hotel roof blown onto parking lot, major damage to vehicles due to the destroyed roof.

<b>HUTCHINSON COUNTY --- 1.3 WSW BORGER [35.66, -101.40]</b>				
	07/12/22 22:11 CST		0	Hail (1.25 in)
	07/12/22 22:11 CST		0	Source: Public

Reports were received of nickel to half dollar size hail in Borger.

**Thunderstorms developed across the southwestern to south-central Texas Panhandle on the evening of the 12th. As a result of available instability throughout the day, severe thunderstorms did develop. Several severe wind and hail were reported across the aforementioned areas of the Texas Panhandle.**

<b>(TX-Z014) GRAY, (TX-Z015) WHEELER</b>				
	07/19/22 12:00 CST		0	Drought
	07/31/22 23:59 CST		0	

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<b>DALLAM COUNTY --- 2.1 N TEXLINE [36.41, -103.02]</b>				
	07/19/22 21:01 CST		0	Thunderstorm Wind (MG 52 kt)
	07/19/22 21:01 CST		0	Source: Mesonet

Above average temperatures within a dry airmass developed throughout the day. As a result of reaching convective temperatures, high based thunderstorms developed due to the dry airmass. One thunderstorm created a severe wind gust of 60 mph that was reported at the Texline mesonet station.

<b>ARMSTRONG COUNTY --- 12.2 SW CLAUDE [34.98, -101.50]</b>				
	07/21/22 17:17 CST		0	Thunderstorm Wind (MG 62 kt)
	07/21/22 17:31 CST		0	Source: Mesonet

First wind gust was 58 mph at 1817CDT. Peak wind gust of 71 mph was measured at 1825CDT. Last severe wind gust of 65 mph was measured at 1831CDT.

Scattered thunderstorms developed across the central to eastern combined OK/TX Panhandles during the early evening of the 21st. There was a severe wind gust reported in Armstrong County within the thunderstorm activity across the region.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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<b>OLDHAM COUNTY --- 1.1 W BOYS RANCH [35.53, -102.27]</b>				
	07/28/22 16:28 CST		0	Thunderstorm Wind (MG 57 kt)
	07/28/22 16:28 CST		0	Source: Mesonet
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<b>POTTER COUNTY --- 5.3 NW AMARILLO [35.26, -101.88]</b>				
	07/28/22 18:33 CST		0	Thunderstorm Wind (EG 65 kt)
	07/28/22 18:33 CST		0	Source: Trained Spotter
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A picture of damage done to a barn by a microburst was sent into the office.				
<b>As a result of instability within the atmosphere, scattered thunderstorms broke out over the western and south-central Texas Panhandle during the evening of the 28th. Severe wind gusts were reported across the aforementioned areas of the Texas Panhandle, including some wind damage.</b>				
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<b>POTTER COUNTY --- 0.9 NE BUSHLAND [35.19, -102.06]</b>				
	07/29/22 17:24 CST		0	Thunderstorm Wind (EG 65 kt)
	07/29/22 17:24 CST		0	Source: Public
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A roof was partially blown off of a business.				
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<b>ARMSTRONG COUNTY --- 0.6 E GOODNIGHT [35.03, -101.19]</b>				
	07/29/22 21:28 CST		0	Thunderstorm Wind (MG 54 kt)
	07/29/22 21:30 CST		0	Source: Mesonet
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<b>Daytime instability resulted in thunderstorms that developed across portions of the Texas Panhandle. Severe wind gusts were reported across the southern Texas Panhandle, including some structural damage.</b>				
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<b>HEMPHILL COUNTY --- 5.8 ENE CANADIAN [35.92, -100.28]</b>				
	07/31/22 20:52 CST		0	Thunderstorm Wind (MG 65 kt)
	07/31/22 20:52 CST		0	Source: Mesonet
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<b>Scattered thunderstorms developed across the northeast to east-central Texas Panhandle on the evening of the 31st. Given the good instability across the region, these storms were strong enough to create severe wind gusts.</b>				