

Storm Data and Unusual Weather Phenomena - August 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Panhandle				
CIMARRON COUNTY --- GRIGGS [36.60, -102.12]				
	08/05/23 20:25 CST	0		Thunderstorm Wind (EG 65 kt)
	08/05/23 20:25 CST	0		Source: Emergency Manager
Tree branches around 5" in diameter were taken down by thunderstorm winds.				
<p>During the afternoon of the 5th a couple of storms formed in the southwest Texas Panhandle. One of these storm tracked across parts of Amarillo and dropping hail between 1.00" and 1.25" in diameter. Later in the evening a cluster of storms formed in the far southeast corner of Colorado and moved southeast through the western Oklahoma Panhandle and traveled southeast through the north central and eastern portions of the Texas Panhandle. These storms produced 1" hail and several severe wind gusts measuring 58 to 75 mph.</p>				
BEAVER COUNTY --- 0.6 W BEAVER [36.82, -100.53]				
	08/07/23 02:09 CST	0		Hail (0.88 in)
	08/07/23 02:09 CST	0		Source: Trained Spotter
BEAVER COUNTY --- 7.0 WSW LOGAN [36.52, -100.33]				
	08/07/23 03:18 CST	0		Hail (1.00 in)
	08/07/23 03:18 CST	0		Source: Public
<p>During the early AM hours of the of the 7th several storms, some training, moved out of the southwest KS down through Beaver County, OK and Lipscomb County, TX. These storms which tapped into enough instability, produced large hail between 0.88" and 1.75" in diameter across these two counties.</p>				
CIMARRON COUNTY --- 4.3 SE WHEELLESS [36.68, -102.84]				
	08/12/23 15:50 CST	0		Thunderstorm Wind (EG 70 kt)
	08/12/23 15:50 CST	0		Source: Emergency Manager
Some trees were blown over from thunderstorm winds.				
CIMARRON COUNTY --- 5.2 SE BOISE CITY [36.68, -102.45]				
	08/12/23 15:55 CST	0		Thunderstorm Wind (EG 74 kt)
	08/12/23 15:55 CST	0		Source: Emergency Manager
A barn was damaged and partially collapsed from thunderstorm winds.				
CIMARRON COUNTY --- 6.4 ENE BOISE CITY [36.76, -102.41]				
	08/12/23 15:55 CST	0		Thunderstorm Wind (EG 74 kt)
	08/12/23 15:55 CST	0		Source: Emergency Manager
Another barn was damaged here by the thunderstorm winds.				
<p>The combined Oklahoma and Texas Panhandles saw quite a bit of moisture return to the area going into the 12th. On both the 12th and the 13th, the combined Panhandles saw widespread rain and thunderstorms across the area. On the 12th some of the storms produced hail up to the size of nickels. Strong winds upwards of 73 mph were measured and several reports of wind damage were made. On the 13th the second round of storms produced hail up to 1.5" in diameter and gusts measured up to 75 mph. Some flooding also occurred on the 13th in Wheeler County.</p>				
TEXAS, North Panhandle				
POTTER COUNTY --- 5.8 WNW AMARILLO [35.22, -101.92], 1.1 W AMARILLO [35.20, -101.84]				
	08/05/23 14:44 CST	0		Hail (1.25 in)
	08/05/23 15:05 CST	0		Source: Public
SHERMAN COUNTY --- 2.3 WNW MALLETT [36.36, -102.14]				
	08/05/23 20:29 CST	0		Thunderstorm Wind (MG 68 kt)
	08/05/23 20:36 CST	0		Source: Mesonet

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SHERMAN COUNTY --- 1.8 ESE MALLETT [36.34, -102.07]				
	08/05/23 20:40 CST		0	Hail (1.00 in)
	08/05/23 20:40 CST		0	Source: Public
SHERMAN COUNTY --- 16.0 ESE LAUTZ [36.14, -101.76]				
	08/05/23 21:08 CST		0	Thunderstorm Wind (MG 62 kt)
	08/05/23 21:18 CST		0	Source: Mesonet
HUTCHINSON COUNTY --- 7.0 WSW PRINGLE [35.92, -101.57]				
	08/05/23 21:38 CST		0	Hail (1.00 in)
	08/05/23 21:38 CST		0	Source: Emergency Manager
HUTCHINSON COUNTY --- 1.4 N STINNETT [35.84, -101.45]				
	08/05/23 21:48 CST		0	Thunderstorm Wind (MG 57 kt)
	08/05/23 21:48 CST		0	Source: Public
HUTCHINSON COUNTY --- 1.5 NNW FRITCH [35.65, -101.61]				
	08/05/23 21:51 CST		0	Thunderstorm Wind (MG 50 kt)
	08/05/23 21:51 CST		0	Source: Mesonet
<p>During the afternoon of the 5th a couple of storms formed in the southwest Texas Panhandle. One of these storm tracked across parts of Amarillo and dropping hail between 1.00" and 1.25" in diameter. Later in the evening a cluster of storms formed in the far southeast corner of Colorado and moved southeast through the western Oklahoma Panhandle and traveled southeast through the north central and eastern portions of the Texas Panhandle. These storms produced 1" hail and several severe wind gusts measuring 58 to 75 mph.</p>				
LIPSCOMB COUNTY --- 2.8 NNW DARROUZETT [36.47, -100.33], 1.5 NNW DARROUZETT [36.45, -100.33]				
	08/07/23 03:18 CST		0	Hail (1.75 in)
	08/07/23 03:19 CST		0	Source: Public
<p>During the early AM hours of the of the 7th several storms, some training, moved out of the southwest KS down through Beaver County, OK and Lipscomb County, TX. These storms which tapped into enough instability, produced large hail between 0.88" and 1.75" in diameter across these two counties.</p>				
RANDALL COUNTY --- 3.0 NNE UMBARGER [34.99, -102.08]				
	08/08/23 19:20 CST		0	Thunderstorm Wind (MG 59 kt)
	08/08/23 19:20 CST		0	Source: Mesonet
GRAY COUNTY --- 1.8 ENE MC LEAN [35.24, -100.57]				
	08/08/23 21:34 CST		0	Thunderstorm Wind (MG 50 kt)
	08/08/23 21:34 CST		0	Source: Mesonet
<p>During the afternoon of the 8th an upper level disturbance created scattered showers and thunderstorms in eastern New Mexico and carried them east through the Texas Panhandle. It wasn't until the disturbance moved into the eastern Texas Panhandle where it met abundant moisture and instability, where the storms grew in strength and produced some severe wind gusts of 58 to 68 mph.</p>				
HARTLEY COUNTY --- (DHT)DALHART MUNI AR [36.02, -102.55]				
	08/12/23 15:11 CST		0	Thunderstorm Wind (MG 50 kt)
	08/12/23 15:11 CST		0	Source: ASOS
DALLAM COUNTY --- 16.0 NNE PERICO [36.49, -102.76]				
	08/12/23 15:43 CST		0	Thunderstorm Wind (EG 65 kt)
	08/12/23 15:43 CST		0	Source: Public
<p>Several tree limbs, 1" to 2" in diameter, were blown down by thunderstorm wind gusts.</p>				
CARSON COUNTY --- 6.1 SE WHITE DEER [35.37, -101.10]				
	08/12/23 18:10 CST		0	Hail (0.88 in)
	08/12/23 18:10 CST		0	Source: Trained Spotter

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SHERMAN COUNTY --- 1.8 ESE MALLETT [36.34, -102.07]				
	08/13/23 14:55 CST	0		Hail (0.75 in)
	08/13/23 14:55 CST	0		Source: Law Enforcement
SHERMAN COUNTY --- 1.8 ESE MALLETT [36.34, -102.07]				
	08/13/23 14:56 CST	0		Hail (1.00 in)
	08/13/23 14:56 CST	0		Source: Public
WHEELER COUNTY --- 3.6 NW KELTON [35.44, -100.16]				
	08/13/23 16:16 CST	0		Hail (1.00 in)
	08/13/23 16:16 CST	0		Source: Public
OCHILTREE COUNTY --- 14.3 SSE PERRYTON MUNI ARPT [36.21, -100.65]				
	08/13/23 16:28 CST	0		Hail (1.50 in)
	08/13/23 16:28 CST	0		Source: Park/Forest Service
WHEELER COUNTY --- 3.5 WNW WHEELER [35.46, -100.33], 1.7 WNW WHEELER [35.46, -100.30], 2.1 WSW WHEELER [35.44, -100.30], 5.1 W WHEELER [35.46, -100.36]				
	08/13/23 18:30 CST	0		Flood (due to Heavy Rain)
	08/13/23 19:30 CST	0		Source: Law Enforcement

Law enforcement reported water covering the road on HWY 152 near the feed lot.

MOORE COUNTY --- 3.1 ESE DUMAS [35.83, -101.92]				
	08/13/23 19:32 CST	0		Thunderstorm Wind (MG 63 kt)
	08/13/23 19:35 CST	0		Source: Mesonet
SHERMAN COUNTY --- 15.0 ESE LAUTZ [36.14, -101.78]				
	08/13/23 20:08 CST	0		Thunderstorm Wind (MG 56 kt)
	08/13/23 20:11 CST	0		Source: Mesonet

The combined Oklahoma and Texas Panhandles saw quite a bit of moisture return to the area going into the 12th. On both the 12th and the 13th, the combined Panhandles saw widespread rain and thunderstorms across the area. On the 12th some of the storms produced hail up to the size of nickels. Strong winds upwards of 73 mph were measured and several reports of wind damage were made. On the 13th the second round of storms produced hail up to 1.5" in diameter and gusts measured up to 75 mph. Some flooding also occurred on the 13th in Wheeler County.

(TX-Z018) ARMSTRONG				
	08/23/23 09:07 CST	0		Wildfire
	08/24/23 06:00 CST	0		

While weather conditions were pretty tame, we continued to be warm and dry for several days and a fire sparked when welding equipment was used to build a fence. Given the lack of moisture and near normal fuel loading. This wildfire managed to cover 4520 acres in about a 9 hour span. It was noted to be controlled by 6 AM LST on the 24th.

(TX-Z010) HEMPHILL				
	08/31/23 14:15 CST	0		Wildfire
	08/31/23 20:15 CST	0		

Hot conditions continued for the eastern Panhandles as we had another day of near triple digit heat. Additionally, a lee surface low set up east of the Rockies. The low would support breezy southwest winds 15 to 20 mph across much of the Panhandles. This heat and lower humidity around 20 percent, and the winds were enough to cause some issues when a fire was sparked by lawn equipment. This fire started at 2:15pm and was contained by 7 pm that evening.