

## Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>OKLAHOMA, Panhandle</b>				
<b>(OK-Z001) CIMARRON, (OK-Z002) TEXAS</b>				
	06/01/23 00:00 CST	0		Drought
	06/13/23 16:00 CST	0		
<p>Rain event after rain event continued to occur going into the month of June for the combined Oklahoma and Texas Panhandles. However, this time the higher amounts of rain fell over the Oklahoma Panhandle and northern Texas Panhandle. This wiped out the remaining drought in the area with the exception of far southeast Collingsworth County. Rivers and tributaries were starting to reach their banks and flood over them. The amount of rain that fell in May, leading into June, had caused the Canadian River to reach one of its highest points since the 1970s reaching 10.53' at the river gauge north of Amarillo just after midnight on June 1st. Thankfully the rains had shift northward to help eliminate much of the drought in the Oklahoma Panhandle, and as not to continue flooding areas across the the central to southern Texas Panhandle. Although some flooding did start to manifest in the north during the month of June.</p>				
<b>(OK-Z003) BEAVER</b>				
	06/01/23 00:00 CST	0		Drought
	06/20/23 16:00 CST	0		
<p>Rain event after rain event continued to occur going into the month of June for the combined Oklahoma and Texas Panhandles. However, this time the higher amounts of rain fell over the Oklahoma Panhandle and northern Texas Panhandle. This wiped out the remaining drought in the area with the exception of far southeast Collingsworth County. Rivers and tributaries were starting to reach their banks and flood over them. The amount of rain that fell in May, leading into June, had caused the Canadian River to reach one of its highest points since the 1970s reaching 10.53' at the river gauge north of Amarillo just after midnight on June 1st. Thankfully the rains had shift northward to help eliminate much of the drought in the Oklahoma Panhandle, and as not to continue flooding areas across the the central to southern Texas Panhandle. Although some flooding did start to manifest in the north during the month of June.</p>				
<b>TEXAS COUNTY --- 10.6 NE EVA [36.92, -101.78]</b>				
	06/02/23 15:05 CST	0		Thunderstorm Wind (MG 54 kt)
	06/02/23 15:05 CST	0		Source: Mesonet
<b>BEAVER COUNTY --- 1.5 SSW BEAVER [36.80, -100.53]</b>				
	06/02/23 15:45 CST	0		Thunderstorm Wind (MG 50 kt)
	06/02/23 15:45 CST	0		Source: Mesonet
<p>Multiple rounds of thunderstorms the 2nd through the 4th brought high winds, flooding, and some landspout tornadoes to the combined Panhandles. June 2nd brought high winds and flooding to both the Oklahoma and Texas Panhandle. The moisture continued into the 3rd and 4th but with slower moving storms and residual outflow boundaries from the 2nd storms produced heavy long lasting rainfall, as well as landspout tornadoes to the TX Panhandle. One landspout did touch down in Amarillo causing some damage. One of the boundaries that helped produce that landspout also caused storms to linger around Amarillo causing some historic flooding with the city having to pump water out of local playa and storm collection lakes well into July.</p>				
<b>CIMARRON COUNTY --- 4.8 N KENTON [36.97, -102.97], 4.8 N BOISE CITY [36.80, -102.52]</b>				
	06/11/23 18:35 CST	0		Hail (2.50 in)
	06/11/23 19:30 CST	0		Source: Emergency Manager
<p>A thunderstorm moved form the northwest corner of the county southeast to just northeast of Boise City dropping hail between 1" to 2.5" in diameter.</p>				
<b>CIMARRON COUNTY --- 3.0 SSE BOISE CITY [36.69, -102.50]</b>				
	06/11/23 19:50 CST	0		Thunderstorm Wind (MG 50 kt)
	06/11/23 19:50 CST	0		Source: Mesonet
<b>CIMARRON COUNTY --- 0.9 SW FELT [36.56, -102.79], 10.0 SW GRIGGS [36.50, -102.25]</b>				
	06/11/23 21:13 CST	0		Hail (2.75 in)
	06/11/23 22:10 CST	0		Source: Public
<p>A storm moved ESE across southern Cimarron County dropping hail between 1" and 2.75" in diameter.</p>				
<b>CIMARRON COUNTY --- 6.1 E WHEELLESS [36.73, -102.79], 9.0 WSW BOISE CITY [36.68, -102.67]</b>				
	06/13/23 14:35 CST	0		Hail (1.75 in)
	06/13/23 14:56 CST	0		Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Multiple reports of hail between 1" and 1.75" in diameter were received from 6 miles east of Wheelless to 10 miles NNE of Felt. A trained spotter did report hail accumulating up to 3" deep 10 NNE of Felt.				
<b>CIMARRON COUNTY --- 8.9 E FELT [36.57, -102.62], 9.5 E FELT [36.56, -102.61]</b>				
	06/13/23 15:06 CST		0	Tornado (EFU, L: 0.91 mi , W: 35 yd)
	06/13/23 15:09 CST		0	Source: Trained Spotter
This tornado developed in an open field and was documented by storm chasers and trained spotters. It did not hit anything before dissipating, thus it is rated an EFU damage rating.				
<b>CIMARRON COUNTY --- 13.0 ESE FELT [36.53, -102.55], 14.4 ESE FELT [36.51, -102.53]</b>				
	06/13/23 15:19 CST		0	Tornado (EFU, L: 1.87 mi , W: 30 yd)
	06/13/23 15:22 CST		0	Source: Trained Spotter
This tornado touched down in southern Cimarron County and remained in an open field, resulting in no damage. It was on the ground for a few minutes and less than two miles before lifting. Given the lack of damage, but witnessed by multiple storm spotters and chasers, an EFU rating is given to this tornado.				
<b>On June 13th, a supercell thunderstorm tracked southeast across southern portions of Cimarron County, Oklahoma into northern portions of Dallam County, Texas. In addition to producing large hail, three tornadoes were witnessed and documented by several storm spotters and storm chasers. Due to the lack of damage and occurring in open fields, these have been rated EF-U(Unknown).</b>				
<b>TEXAS COUNTY --- 5.2 ENE OPTIMA [36.77, -101.26], 1.5 SSE HOOKER [36.85, -101.21]</b>				
	06/15/23 14:57 CST		0	Hail (2.50 in)
	06/15/23 14:57 CST		0	Source: Public
<b>TEXAS COUNTY --- 15.2 ESE HARDESTY [36.53, -100.95], 33.7 ESE ADAMS [36.56, -100.52]</b>				
	06/15/23 16:01 CST		0	Hail (1.75 in)
	06/15/23 16:36 CST		0	Source: Public
<b>BEAVER COUNTY --- 3.0 NW LOGAN [36.60, -100.26]</b>				
	06/15/23 16:20 CST		0	Thunderstorm Wind (MG 50 kt)
	06/15/23 16:20 CST		0	Source: Mesonet
During the evening of the 15th a line of storms, of which contained supercells, formed over portions of southwest Kansas and extend south through Beaver County, OK into the northeastern portions of the Texas Panhandle. The supercell furthest south dropped a tornado on Perryton, TX killing three people and leaving a path of destruction over 6 miles. Several other landspout tornadoes spun up further south of Perryton along the flanking line of the tornadic supercell. One of these landpouts took out some power poles, but remained mostly in grasslands. These tornadic supercells also produced large hail between 1" and 2.5" in diameter.				
<b>CIMARRON COUNTY --- 6.9 SE KENTON [36.83, -102.88]</b>				
	06/17/23 16:15 CST		0	Thunderstorm Wind (MG 51 kt)
	06/17/23 16:15 CST		0	Source: Mesonet
<b>BEAVER COUNTY --- 1.8 SW TURPIN [36.85, -100.90]</b>				
	06/17/23 16:37 CST		0	Hail (2.50 in)
	06/17/23 16:37 CST		0	Source: Public
<b>TEXAS COUNTY --- 0.9 SE HOOKER [36.86, -101.21], 2.2 E ADAMS [36.75, -101.04]</b>				
	06/17/23 16:37 CST		0	Hail (2.00 in)
	06/17/23 16:45 CST		0	Source: Storm Chaser
<b>BEAVER COUNTY --- 6.0 SSW TURPIN [36.79, -100.92]</b>				
	06/17/23 16:54 CST		0	Hail (2.00 in)
	06/17/23 16:54 CST		0	Source: Trained Spotter

## Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>BEAVER COUNTY --- 5.6 SSW TURPIN [36.79, -100.90]</b>				
	06/17/23 16:57 CST	0		Hail (2.75 in)
	06/17/23 16:57 CST	0		Source: Trained Spotter
<b>BEAVER COUNTY --- 5.1 SSE FLORIS [36.80, -100.67]</b>				
	06/17/23 17:01 CST	0		Hail (3.00 in)
	06/17/23 17:01 CST	0		Source: Public
<b>BEAVER COUNTY --- 5.8 SSE FLORIS [36.79, -100.67]</b>				
	06/17/23 17:03 CST	0		Hail (1.00 in)
	06/17/23 17:03 CST	0		Source: Trained Spotter
<b>BEAVER COUNTY --- 5.6 SSE FLORIS [36.80, -100.65]</b>				
	06/17/23 17:20 CST	0		Hail (2.75 in)
	06/17/23 17:20 CST	0		Source: Trained Spotter
<b>BEAVER COUNTY --- 5.6 SSE FLORIS [36.80, -100.65]</b>				
	06/17/23 17:22 CST	0		Hail (3.00 in)
	06/17/23 17:22 CST	0		Source: Trained Spotter
<b>TEXAS COUNTY --- 10.6 NE EVA [36.92, -101.78]</b>				
	06/17/23 17:25 CST	0		Thunderstorm Wind (MG 51 kt)
	06/17/23 17:25 CST	0		Source: Mesonet
<b>TEXAS COUNTY --- 0.9 SW HOOKER [36.86, -101.23]</b>				
	06/17/23 17:50 CST	0		Thunderstorm Wind (MG 61 kt)
	06/17/23 17:50 CST	0		Source: Mesonet
<b>TEXAS COUNTY --- 0.6 W (GUY)GUYMON MUNI ARP [36.68, -101.51]</b>				
	06/17/23 17:53 CST	0		Thunderstorm Wind (MG 55 kt)
	06/17/23 17:53 CST	0		Source: ASOS
<b>BEAVER COUNTY --- 1.5 SSW BEAVER [36.80, -100.53]</b>				
	06/17/23 18:05 CST	0		Thunderstorm Wind (MG 56 kt)
	06/17/23 18:05 CST	0		Source: Mesonet
<b>BEAVER COUNTY --- 5.1 NNW SLAPOUT [36.69, -100.15]</b>				
	06/17/23 18:32 CST	0		Hail (1.75 in)
	06/17/23 18:32 CST	0		Source: Trained Spotter
<b>BEAVER COUNTY --- 3.0 NW LOGAN [36.60, -100.26]</b>				
	06/17/23 18:35 CST	0		Thunderstorm Wind (MG 56 kt)
	06/17/23 18:35 CST	0		Source: Mesonet
<b>BEAVER COUNTY --- 8.3 NNE SLAPOUT [36.73, -100.06]</b>				
	06/17/23 18:43 CST	0		Hail (2.00 in)
	06/17/23 18:43 CST	0		Source: Public
<p>During the early evening hours of the 17th, a discrete supercell formed over the central TX Panhandle and moved towards the northeastern TX Panhandle. At the same time a complex of storms was entering the western OK Panhandle and moved east across the area and expanded southward towards the eastern combined Panhandles. These storms produced hail up to 3" in diameter and wind gusts upwards of 70-80 mph with some minor wind damage. Some of the largest hail sizes and strongest winds occurred with the grunt of the complex across the OK Panhandle.</p>				
<b>TEXAS COUNTY --- 0.7 S GOODWELL [36.59, -101.63]</b>				
	06/21/23 17:40 CST	0		Hail (1.00 in)
	06/21/23 17:40 CST	0		Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TEXAS COUNTY --- 10.3 SE EVA [36.68, -101.79]</b>				
	06/21/23 18:17 CST		0	Hail (1.75 in)
	06/21/23 18:17 CST		0	Source: Public
<b>TEXAS COUNTY --- 6.3 N TEXHOMA [36.59, -101.80]</b>				
	06/21/23 18:40 CST		0	Hail (1.00 in)
	06/21/23 18:40 CST		0	Source: Emergency Manager
<b>CIMARRON COUNTY --- 6.2 N BOISE CITY [36.82, -102.51]</b>				
	06/21/23 20:10 CST		0	Hail (1.00 in)
	06/21/23 20:10 CST		0	Source: Public
<b>CIMARRON COUNTY --- 15.5 E REGNIER [36.99, -102.57]</b>				
	06/23/23 18:08 CST		0	Hail (1.00 in)
	06/23/23 18:08 CST		0	Source: Emergency Manager
<b>TEXAS COUNTY --- 11.7 NW HOUGH [36.99, -101.72]</b>				
	06/23/23 20:17 CST		0	Hail (1.50 in)
	06/23/23 20:17 CST		0	Source: Public
<p>Various discrete and scattered thunderstorms impacted portions the combined Oklahoma and Texas Panhandles each evening and overnight on the 21st through the 23rd. Several of these storms produced large hail over and inch in diameter with some as large as 2.75". Severe wind gusts were also hazard with a gust upwards of 66 mph measured by ground equipment. A supercell even dropped a tornado in Hemphill County.</p>				
<b>CIMARRON COUNTY --- 5.0 W WHEELLESS [36.72, -102.99]</b>				
	06/27/23 13:57 CST		0	Hail (0.88 in)
	06/27/23 13:57 CST		0	Source: Emergency Manager
<b>TEXAS COUNTY --- 5.6 SE HOUGH [36.82, -101.49]</b>				
	06/27/23 17:11 CST		0	Hail (1.75 in)
	06/27/23 18:11 CST		0	Source: Trained Spotter
<b>TEXAS COUNTY --- 5.7 ESE HOUGH [36.83, -101.48]</b>				
	06/27/23 17:11 CST		0	Hail (4.00 in)
	06/27/23 17:11 CST		0	Source: Storm Chaser
<b>CIMARRON COUNTY --- 3.5 SW KEYES [36.79, -102.30]</b>				
	06/27/23 17:30 CST		0	Thunderstorm Wind (EG 74 kt)
	06/27/23 17:30 CST		0	Source: Emergency Manager
<p>Emergency Manager reported to the NWS that some powerlines were knocked down on the north side OF HWY 56.</p>				
<b>TEXAS COUNTY --- 6.9 SE HOUGH [36.80, -101.48]</b>				
	06/27/23 17:31 CST		0	Hail (2.25 in)
	06/27/23 17:31 CST		0	Source: Storm Chaser
<b>TEXAS COUNTY --- 0.7 N OPTIMA [36.76, -101.35]</b>				
	06/27/23 17:46 CST		0	Hail (4.00 in)
	06/27/23 17:46 CST		0	Source: Public
<b>TEXAS COUNTY --- 0.7 N OPTIMA [36.76, -101.35]</b>				
	06/27/23 17:47 CST		0	Hail (2.75 in)
	06/27/23 17:47 CST		0	Source: Public
<b>TEXAS COUNTY --- 5.6 SSW OPTIMA [36.67, -101.37]</b>				

## Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/27/23 18:11 CST		0	Hail (2.50 in)
	06/27/23 18:11 CST		0	Source: Public

**TEXAS COUNTY --- 6.8 ENE HARDESTY [36.64, -101.08]**

06/27/23 18:25 CST	62K	Thunderstorm Wind (EG 78 kt)
06/27/23 18:25 CST	0	Source: Public

Reports were received of barn roof sheared/blown off and as well as downed power poles from the wind.

**TEXAS COUNTY --- 6.7 E HARDESTY [36.62, -101.08]**

06/27/23 18:37 CST	0	Thunderstorm Wind (EG 50 kt)
06/27/23 18:37 CST	0	Source: Trained Spotter

Irrigation pivot was flipped over.

**TEXAS COUNTY --- 6.7 E HARDESTY [36.62, -101.08]**

06/27/23 18:46 CST	0	Thunderstorm Wind (EG 78 kt)
06/27/23 18:46 CST	0	Source: Trained Spotter

Irrigation pivot was flipped over just north of the highway.

**BEAVER COUNTY --- 5.5 S TURPIN [36.79, -100.88]**

06/27/23 18:47 CST	0	Thunderstorm Wind (MG 99 kt)
06/27/23 18:47 CST	0	Source: Storm Chaser

Storm chaser had measured the wind with a mounted anemometer.

**BEAVER COUNTY --- 0.9 NW FORGAN [36.91, -100.54]**

06/27/23 18:56 CST	0	Thunderstorm Wind (EG 70 kt)
06/27/23 18:56 CST	0	Source: Emergency Manager

Trees were reported down in Forgan from high winds. Winds were estimated to be around 80 mph plus.

**BEAVER COUNTY --- 1.5 SSW BEAVER [36.80, -100.53]**

06/27/23 19:05 CST	0	Thunderstorm Wind (MG 57 kt)
06/27/23 19:05 CST	0	Source: Mesonet

**BEAVER COUNTY --- 1.5 SSW BEAVER [36.80, -100.53]**

06/27/23 19:15 CST	0	Thunderstorm Wind (MG 67 kt)
06/27/23 19:15 CST	0	Source: Mesonet

On the evening of the 27th, a convective complex developed in the northwestern combined Oklahoma and Texas Panhandles. This system moved northeast into Texas County in Oklahoma Panhandle where it continued to strengthen and take a more easterly direction into Beaver County. Good dynamics and an unstable airmass lead to cells with in this complex that managed to drop hail between 1" and 4" in diameter and even produced some strong winds. Of which a 114 mph wind gust that was measured by the Beaver mesonet.

### TEXAS, North Panhandle

**(TX-Z002) SHERMAN, (TX-Z003) HANSFORD, (TX-Z011) OLDHAM, (TX-Z015) WHEELER**

06/01/23 00:00 CST	0	Drought
06/13/23 16:00 CST	0	

Rain event after rain event continued to occur going into the month of June for the combined Oklahoma and Texas Panhandles. However, this time the higher amounts of rain fell over the Oklahoma Panhandle and northern Texas Panhandle. This wiped out the remaining drought in the area with the exception of far southeast Collingsworth County. Rivers and tributaries were starting to reach their banks and flood over them. The amount of rain that fell in May, leading into June, had caused the Canadian River to reach one of its highest points since the 1970s reaching 10.53' at the river gauge north of Amarillo just after midnight on June 1st. Thankfully the rains had shift northward to help eliminate much of the drought in the Oklahoma Panhandle, and as not to continue flooding areas across the central to southern Texas Panhandle. Although some flooding did start to manifest in the north during the month of June.

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<b>(TX-Z001) DALLAM, (TX-Z005) LIPSCOMB, (TX-Z006) HARTLEY, (TX-Z010) HEMPHILL</b>				
	06/01/23 00:00 CST		0	Drought
	06/20/23 16:00 CST		0	
<p>Rain event after rain event continued to occur going into the month of June for the combined Oklahoma and Texas Panhandles. However, this time the higher amounts of rain fell over the Oklahoma Panhandle and northern Texas Panhandle. This wiped out the remaining drought in the area with the exception of far southeast Collingsworth County. Rivers and tributaries were starting to reach their banks and flood over them. The amount of rain that fell in May, leading into June, had caused the Canadian River to reach one of its highest points since the 1970s reaching 10.53' at the river gauge north of Amarillo just after midnight on June 1st. Thankfully the rains had shift northward to help eliminate much of the drought in the Oklahoma Panhandle, and as not to continue flooding areas across the the central to southern Texas Panhandle. Although some flooding did start to manifest in the north during the month of June.</p>				
<b>(TX-Z020) COLLINGSWORTH</b>				
	06/01/23 00:00 CST		0	Drought
	06/30/23 23:59 CST		0	
<p>Rain event after rain event continued to occur going into the month of June for the combined Oklahoma and Texas Panhandles. However, this time the higher amounts of rain fell over the Oklahoma Panhandle and northern Texas Panhandle. This wiped out the remaining drought in the area with the exception of far southeast Collingsworth County. Rivers and tributaries were starting to reach their banks and flood over them. The amount of rain that fell in May, leading into June, had caused the Canadian River to reach one of its highest points since the 1970s reaching 10.53' at the river gauge north of Amarillo just after midnight on June 1st. Thankfully the rains had shift northward to help eliminate much of the drought in the Oklahoma Panhandle, and as not to continue flooding areas across the the central to southern Texas Panhandle. Although some flooding did start to manifest in the north during the month of June.</p>				
<b>(TX-Z001) DALLAM</b>				
	06/01/23 01:19 CST		0	High Wind (MAX 56 kt)
	06/01/23 01:25 CST		0	
<p>After some widespread showers and thunderstorms moved across the area the evening before on May 31st, the northwestern combined Oklahoma and Texas Panhandles ended up under a strong low level jet. Texline found itself under the location of these higher winds aloft where air tends to sink. This mixed some of the higher winds causing both the sustained winds and gust to pick up for a short time. Several gusts measuring 58-65 mph occurred between 0219CDT and 0233CDT, with sustained winds picking up to the 40-50 mph range between 0207CDT and 0245CDT.</p>				
<b>OLDHAM COUNTY --- 4.7 WSW ADRIAN [35.25, -102.76]</b>				
	06/02/23 11:54 CST		0	Thunderstorm Wind (MG 55 kt)
	06/02/23 11:54 CST		0	Source: Mesonet
<b>HARTLEY COUNTY --- (DHT)DALHART MUNI AR [36.02, -102.55]</b>				
	06/02/23 12:57 CST		0	Thunderstorm Wind (MG 51 kt)
	06/02/23 12:57 CST		0	Source: ASOS
<b>POTTER COUNTY --- 4.6 WNW AMARILLO [35.23, -101.89], 2.1 NE AMARILLO [35.23, -101.80], 2.7 S AMARILLO [35.16, -101.82], 6.7 WSW AMARILLO [35.15, -101.92]</b>				
	06/02/23 14:54 CST		0	Flash Flood (due to Heavy Rain)
	06/02/23 15:54 CST		0	Source: Emergency Manager
<p>Numerous road closures occurred across the city due to flash flooding. Playa lakes were overflowing onto roads and water rescues occurred with dive teams deployed. Several reports were relayed from Amarillo police department and Amarillo fire department .</p>				
<b>RANDALL COUNTY --- 0.9 WNW CANYON [34.99, -101.93], 0.8 NE CANYON [34.99, -101.91], 0.8 ESE CANYON [34.98, -101.91], 1.1 WSW CANYON [34.98, -101.94]</b>				
	06/02/23 15:15 CST		0	Flash Flood (due to Heavy Rain)
	06/02/23 16:15 CST		0	Source: Emergency Manager
<p>Multiple road closures occurred in Canyon due to fast flowing water over roads. Reports were relayed from emergency management and canyon police department.</p>				
<b>LIPSCOMB COUNTY --- 7.8 W LIPSCOMB [36.23, -100.41]</b>				
	06/02/23 15:39 CST		0	Thunderstorm Wind (MG 53 kt)
	06/02/23 15:39 CST		0	Source: Mesonet

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<b>WHEELER COUNTY --- 0.6 WSW WHEELER [35.45, -100.28], 0.3 SSE WHEELER [35.45, -100.27], 0.9 S WHEELER [35.44, -100.27], 1.1 SSW WHEELER [35.44, -100.28]</b>				
	06/02/23 16:06 CST		0	Flash Flood (due to Heavy Rain)
	06/02/23 17:06 CST		0	Source: Law Enforcement
<b>LIPSCOMB COUNTY --- 1.5 NW BOOKER [36.46, -100.55], 1.0 N BOOKER [36.46, -100.53], 0.2 SE BOOKER [36.45, -100.53], 1.1 W BOOKER [36.45, -100.55]</b>				
	06/02/23 16:45 CST		0	Flash Flood (due to Heavy Rain)
	06/02/23 17:45 CST		0	Source: Fire Department/Rescue
Multiple reports of several roads came in for having water over the road.				
<b>COLLINGSWORTH COUNTY --- 0.9 NNW WELLINGTON [34.86, -100.23], 1.5 ENE WELLINGTON [34.86, -100.20], 1.3 ESE WELLINGTON [34.84, -100.20], 0.5 SW WELLINGTON [34.84, -100.23]</b>				
	06/02/23 18:15 CST		0	Flash Flood (due to Heavy Rain)
	06/02/23 19:15 CST		0	Source: Law Enforcement
<b>DEAF SMITH COUNTY --- HEREFORD [34.82, -102.40]</b>				
	06/03/23 18:00 CST		0	Hail (1.00 in)
	06/03/23 19:00 CST		0	Source: Storm Chaser
<b>DEAF SMITH COUNTY --- 12.3 NE MILO CENTER [35.10, -102.24]</b>				
	06/03/23 18:04 CST		0	Hail (1.00 in)
	06/03/23 18:04 CST		0	Source: Broadcast Media
<b>POTTER COUNTY --- 1.0 SSE AMARILLO [35.19, -101.81], 1.2 SSE AMARILLO [35.18, -101.81]</b>				
	06/03/23 18:50 CST		0	Tornado (EF0, L: 0.24 mi , W: 10 yd)
	06/03/23 18:51 CST		0	Source: NWS Storm Survey
<p>This tornado started just to the north of the Jiffy Cleaners , where some tree limbs broke off a few trees. The top half of a tree snapped and fell alongside the Cleaners building. A rusty air conditioning unit lifted from the roof of the cleaners and was tossed into the median of Ross Osage Road. The sign of Cliffside Coffee Shop was blown out on the south side of the sign . The tornado crossed the street and appeared to gain a little more strength as it caused the brick siding of the Toot N Totum gas station to collapse. The tornado continued across SE 27 th Avenue, where it caused minor damage to the Stars Drive- In and some cars in the parking lot had their windows blown out from debris. The tornado appeared to have dissipated in the field behind the Drive-In. This tornado was documented by multiple people and we are grateful for their video evidence. Times were estimated based on video documentation and may be adjusted with further analysis and information.</p>				
<b>POTTER COUNTY --- 0.9 NE (AMA)AMARILLO INTL A [35.23, -101.71]</b>				
	06/03/23 19:06 CST		0	Funnel Cloud
	06/03/23 19:06 CST		0	Source: NWS Employee
Funnel cloud was observed from the National Weather Service Office.				
<b>POTTER COUNTY --- 4.5 ENE (AMA)AMARILLO INTL A [35.25, -101.65]</b>				
	06/03/23 19:12 CST		0	Hail (1.25 in)
	06/03/23 19:12 CST		0	Source: Public
<b>CARSON COUNTY --- 6.2 S PANTEX [35.24, -101.57]</b>				
	06/03/23 19:17 CST		0	Hail (1.75 in)
	06/03/23 19:17 CST		0	Source: Public

## Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>POTTER COUNTY --- 2.8 E (AMA)AMARILLO INTL A [35.22, -101.67]</b>				
	06/03/23 19:29 CST		0	Hail (1.25 in)
	06/03/23 19:29 CST		0	Source: Public
<b>RANDALL COUNTY --- 1.8 WNW TIMBERCREEK CANYON [35.06, -101.85]</b>				
	06/03/23 19:29 CST		0	Funnel Cloud
	06/03/23 19:34 CST		0	Source: NWS Employee
Funnel cloud reported by off duty NWS employee and local media. The funnel had lasted several minutes.				
<b>RANDALL COUNTY --- 3.2 NNW TIMBERCREEK CANYON [35.09, -101.85]</b>				
	06/03/23 20:45 CST		0	Hail (0.75 in)
	06/03/23 20:45 CST		0	Source: Public
<b>RANDALL COUNTY --- 1.9 NW CANYON [35.00, -101.94], 1.7 NNE CANYON [35.00, -101.91], 0.9 E CANYON [34.98, -101.91], 1.1 W CANYON [34.98, -101.94]</b>				
	06/03/23 21:28 CST		0	Flash Flood (due to Heavy Rain)
	06/03/23 22:28 CST		0	Source: Emergency Manager
Three high water rescues occurred at the US Highways 87 and 60 interchange in Canyon. Hospital Drive, Hunsley Hills Boulevard, and Country Club Drive were all closed as well.				
<b>GRAY COUNTY --- 2.4 NNW PAMPA [35.56, -100.99], 2.6 NE PAMPA [35.56, -100.94], 1.6 ESE PAMPA [35.52, -100.94], 1.3 WSW PAMPA [35.52, -100.99]</b>				
	06/04/23 11:47 CST		0	Flash Flood (due to Heavy Rain)
	06/04/23 12:47 CST		0	Source: Public
Social media pictures and video indicated fast moving water flowing down a residential street. Emergency management reported an estimated three feet of water in some spots on the southside of Pampa.				
<b>POTTER COUNTY --- 0.9 NE (AMA)AMARILLO INTL A [35.23, -101.71]</b>				
	06/04/23 12:25 CST		0	Funnel Cloud
	06/04/23 12:29 CST		0	Source: NWS Employee
Funnel cloud observed by airport tower and on duty NWS employee. The funnel had lasted several minutes.				
<b>RANDALL COUNTY --- 6.0 WSW AMARILLO [35.17, -101.92], 2.7 SW AMARILLO [35.17, -101.85], 5.1 SSW AMARILLO [35.13, -101.85], 7.4 SW AMARILLO [35.13, -101.92]</b>				
	06/04/23 13:25 CST		0	Flash Flood (due to Heavy Rain)
	06/04/23 14:25 CST		0	Source: NWS Employee
Water was occurring over the roadways of 45th, Western and Bell Streets. Some locations had one to two feet of water across them. Water was also getting into yards on 45th Street. I-27 had water flowing down the interstate. Some water was threatening business on Western.				
<b>Multiple rounds of thunderstorms the 2nd through the 4th brought high winds, flooding, and some landspout tornadoes to the combined Panhandles. June 2nd brought high winds and flooding to both the Oklahoma and Texas Panhandle. The moisture continued into the 3rd and 4th but with slower moving storms and residual outflow boundaries from the 2nd storms produced heavy long lasting rainfall, as well as landspout tornadoes to the TX Panhandle. One landspout did touch down in Amarillo causing some damage. One of the boundaries that helped produce that landspout also caused storms to linger around Amarillo causing some historic flooding with the city having to pump water out of local playa and storm collection lakes well into July.</b>				
<b>POTTER COUNTY --- 5.8 WSW AMARILLO [35.18, -101.92], 2.9 W AMARILLO [35.19, -101.87], 6.0 SSW AMARILLO [35.12, -101.85], 8.4 SW AMARILLO [35.11, -101.92]</b>				
	06/08/23 03:00 CST		0	Flash Flood (due to Heavy Rain)
	06/09/23 03:00 CST		0	Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>The Virginia Circle area was evacuated due to flooding. An estimated four feet of water was in the parking lot of the Oakridge Apartments as well as some commercial buildings in the area were flooded. An estimated 130 people and 20 pets were evacuated per Amarillo Fire Department. Multiple high water rescues were conducted by the fire department in order to evacuate residents. Multiple cars were swept away by the flood waters, ending up in ditches and submerged in water. Areas between Georgia Street and Paramount Boulevard, and from Duniven Circle area to Duncan Street were covered by standing water. Loop 335 east and westbound service road at Western as well as I-40 service road at Western were closed due to water over the roadway.</p>				
<p><b>A complex of showers and thunderstorms moved southeast through portions of the Texas Panhandle during the overnight period of June 7th-8th. This complex moved fairly quickly only dropping 0.5" up to around 0.75" of rain. However, Amarillo had already seen its storage and playa lakes at capacity. This system sent many areas near lakes into some historical flooding with residents being evacuated from some of these areas early in the morning on the 8th.</b></p>				
<hr/>				
<b>DALLAM COUNTY --- 8.9 SW WARE [36.08, -102.80]</b>				
	06/10/23 19:15 CST	0		Hail (1.50 in)
	06/10/23 19:15 CST	0		Source: Storm Chaser
<p>On the evening of the 10th of June a supercell thunderstorm formed northwest of Clayton, NM. This storm moved southeast through Clayton, where it dropped lots of dime to nickel size hail over the portions of the town. As it got to the southeast of town reports came in of hail up to quarters. This storm continued moving southeast with the main core missing Texline, TX to the south. The storm had weakened a bit, then pulsed up in strength as it followed almost parallel to Highway 87 northwest of Dalhart, TX. It eventually dropped hail as large as 1.5" (ping pong ball) 8 miles SW of Ware, TX.</p>				
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<b>DEAF SMITH COUNTY --- 7.9 SW MILO CENTER [34.91, -102.51]</b>				
	06/11/23 18:00 CST	0		Hail (2.75 in)
	06/11/23 18:00 CST	0		Source: Storm Chaser
<p>Report of a broken windshield from baseball size hail received.</p>				
<hr/>				
<b>OLDHAM COUNTY --- 6.6 SW ADRIAN [35.20, -102.76]</b>				
	06/11/23 18:07 CST	0		Hail (2.75 in)
	06/11/23 18:07 CST	0		Source: Public
<hr/>				
<b>OLDHAM COUNTY --- ADRIAN [35.27, -102.68]</b>				
	06/11/23 18:15 CST	0		Hail (2.75 in)
	06/11/23 18:15 CST	0		Source: Public
<hr/>				
<b>DEAF SMITH COUNTY --- 1.4 S MILO CENTER [34.96, -102.40]</b>				
	06/11/23 18:24 CST	0		Hail (1.75 in)
	06/11/23 18:24 CST	0		Source: Public
<hr/>				
<b>DEAF SMITH COUNTY --- 4.9 N HEREFORD MUNI ARPT [34.92, -102.33]</b>				
	06/11/23 18:24 CST	0		Hail (1.50 in)
	06/11/23 18:24 CST	0		Source: Public
<hr/>				
<b>OLDHAM COUNTY --- 1.8 SW VEGA [35.23, -102.45]</b>				
	06/11/23 18:45 CST	0		Hail (1.00 in)
	06/11/23 18:45 CST	0		Source: Emergency Manager
<hr/>				
<b>DEAF SMITH COUNTY --- 1.4 S DAWN [34.90, -102.20]</b>				
	06/11/23 18:48 CST	0		Hail (1.50 in)
	06/11/23 18:48 CST	0		Source: Public
<hr/>				
<b>RANDALL COUNTY --- 16.4 SSE CANYON [34.75, -101.85]</b>				
	06/11/23 19:20 CST	0		Hail (2.75 in)
	06/11/23 19:20 CST	0		Source: Public
<hr/>				
<b>OLDHAM COUNTY --- 0.9 SW WILDORADO [35.19, -102.21]</b>				
	06/11/23 19:25 CST	0		Hail (1.50 in)
	06/11/23 19:25 CST	0		Source: Public

## Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>RANDALL COUNTY --- 10.1 NNW UMBARGER [35.09, -102.15]</b>				
	06/11/23 19:25 CST	0		Hail (2.50 in)
	06/11/23 19:25 CST	0		Source: Public
<b>RANDALL COUNTY --- 10.1 NNW UMBARGER [35.09, -102.15]</b>				
	06/11/23 19:30 CST	0		Hail (1.75 in)
	06/11/23 19:30 CST	0		Source: Emergency Manager
<b>DALLAM COUNTY --- 18.9 W KERRICK [36.50, -102.56]</b>				
	06/11/23 21:49 CST	0		Hail (1.00 in)
	06/11/23 21:49 CST	0		Source: Trained Spotter
<b>SHERMAN COUNTY --- 1.8 WNW MALLETT [36.36, -102.13]</b>				
	06/11/23 22:27 CST	0		Thunderstorm Wind (MG 52 kt)
	06/11/23 22:27 CST	0		Source: Mesonet
<b>HARTLEY COUNTY --- (DHT)DALHART MUNI AR [36.02, -102.55]</b>				
	06/12/23 02:10 CST	0		Thunderstorm Wind (MG 62 kt)
	06/12/23 02:10 CST	0		Source: ASOS
<b>HARTLEY COUNTY --- 1.8 SE DALHART [36.05, -102.50]</b>				
	06/12/23 02:12 CST	0		Hail (1.25 in)
	06/12/23 02:12 CST	0		Source: COOP Observer
<b>DALLAM COUNTY --- 4.2 S CHAMBERLAIN [36.07, -102.41]</b>				
	06/12/23 02:14 CST	0		Hail (1.50 in)
	06/12/23 02:14 CST	0		Source: Law Enforcement
Hail caused broken windows and hail damage.				
<b>HARTLEY COUNTY --- 3.5 SE DALHART [36.04, -102.47]</b>				
	06/12/23 02:15 CST	0		Hail (1.75 in)
	06/12/23 02:15 CST	0		Source: Public
<b>HARTLEY COUNTY --- 0.7 N HARTLEY [35.89, -102.40]</b>				
	06/12/23 02:16 CST	0		Hail (1.50 in)
	06/12/23 02:16 CST	0		Source: Public
<b>MOORE COUNTY --- 0.9 NE DUMAS [35.86, -101.96]</b>				
	06/12/23 03:06 CST	0		Hail (1.50 in)
	06/12/23 03:06 CST	0		Source: Public
<b>MOORE COUNTY --- 0.7 S DUMAS [35.84, -101.97]</b>				
	06/12/23 03:13 CST	0		Hail (2.00 in)
	06/12/23 03:13 CST	0		Source: Public
<b>HUTCHINSON COUNTY --- 0.7 N FRITCH [35.64, -101.60]</b>				
	06/12/23 03:30 CST	0		Hail (2.50 in)
	06/12/23 03:30 CST	0		Source: Public
<b>MOORE COUNTY --- 2.3 E LAKE MEREDITH [35.65, -101.63]</b>				
	06/12/23 03:30 CST	0		Hail (2.00 in)
	06/12/23 03:30 CST	0		Source: Public
<b>HUTCHINSON COUNTY --- 0.7 N FRITCH [35.64, -101.60]</b>				
	06/12/23 03:32 CST	0		Hail (2.00 in)
	06/12/23 03:32 CST	0		Source: Public

## Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>HUTCHINSON COUNTY --- 1.1 E FRITCH [35.63, -101.58]</b>				
	06/12/23 03:45 CST	0		Hail (1.50 in)
	06/12/23 03:45 CST	0		Source: Amateur Radio
<b>HUTCHINSON COUNTY --- 1.3 WSW BORGER [35.66, -101.40]</b>				
	06/12/23 03:55 CST	0		Hail (2.75 in)
	06/12/23 03:55 CST	0		Source: Public
<b>HUTCHINSON COUNTY --- 0.7 N FRITCH [35.64, -101.60]</b>				
	06/12/23 03:59 CST	0		Hail (2.50 in)
	06/12/23 03:59 CST	0		Source: Trained Spotter
<b>HUTCHINSON COUNTY --- 5.5 WSW BORGER [35.64, -101.47]</b>				
	06/12/23 03:59 CST	0		Hail (2.50 in)
	06/12/23 03:59 CST	0		Source: Trained Spotter
<b>CARSON COUNTY --- PANHANDLE [35.35, -101.38]</b>				
	06/12/23 04:39 CST	0		Hail (1.75 in)
	06/12/23 04:39 CST	0		Source: Broadcast Media
<b>MOORE COUNTY --- 0.9 SE FOUR WAY [35.67, -101.96]</b>				
	06/12/23 09:56 CST	0		Hail (1.50 in)
	06/12/23 09:56 CST	0		Source: Emergency Manager
<b>GRAY COUNTY --- 0.7 N PAMPA [35.54, -100.97]</b>				
	06/12/23 11:09 CST	0		Hail (1.25 in)
	06/12/23 11:09 CST	0		Source: Public
<b>GRAY COUNTY --- 0.9 NE PAMPA [35.54, -100.96]</b>				
	06/12/23 11:09 CST	0		Hail (2.75 in)
	06/12/23 11:09 CST	0		Source: Storm Chaser
<p>Numerous reports of large hail across Pampa. The largest size was baseball size. Accumulating hail occurred as well with sizes up to golf balls while the accumulation was occurring. Many cars in Pampa had dents and also sunroofs/windows broken.</p>				
<b>GRAY COUNTY --- 2.1 N PAMPA [35.56, -100.97]</b>				
	06/12/23 11:10 CST	0		Hail (1.75 in)
	06/12/23 11:10 CST	0		Source: COOP Observer
<b>GRAY COUNTY --- 0.6 E PAMPA [35.53, -100.96]</b>				
	06/12/23 11:12 CST	0		Hail (1.75 in)
	06/12/23 11:12 CST	0		Source: Public
<b>GRAY COUNTY --- 2.7 SW PAMPA LEFORS ARPT [35.59, -101.03]</b>				
	06/12/23 11:12 CST	0		Hail (1.25 in)
	06/12/23 11:12 CST	0		Source: Storm Chaser
<b>GRAY COUNTY --- 0.6 E PAMPA [35.53, -100.96]</b>				
	06/12/23 11:24 CST	0		Hail (1.75 in)
	06/12/23 11:24 CST	0		Source: Public
<b>HEMPHILL COUNTY --- 7.4 W GAGEBY [35.64, -100.46]</b>				
	06/12/23 11:44 CST	0		Hail (1.00 in)
	06/12/23 11:44 CST	0		Source: Trained Spotter
<b>DALLAM COUNTY --- 17.8 W KERRICK [36.47, -102.54], 6.9 N CONLEN [36.33, -102.24]</b>				

## Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/13/23 15:36 CST		0	Hail (4.00 in)
	06/13/23 16:13 CST		0	Source: Trained Spotter
Hail up to the 4" in diameter reported 22 miles NNE of Ware reported by the public. Hail up to 1.75" reported 7 miles N of Conlen by a trained spotter.				
<b>DALLAM COUNTY --- 12.5 W KERRICK [36.46, -102.44], 12.1 WSW KERRICK [36.44, -102.43]</b>				
	06/13/23 15:50 CST		0	Tornado (EFU, L: 1.35 mi , W: 35 yd)
	06/13/23 15:53 CST		0	Source: NWS Storm Survey
This tornado touched down in an open field and was documented by several storm spotters and chasers. It did not cause any damage and was given an EFU damage rating.				
<b>SHERMAN COUNTY --- 5.6 S LAUTZ [36.14, -102.02]</b>				
	06/13/23 16:50 CST		0	Hail (2.50 in)
	06/13/23 16:50 CST		0	Source: Emergency Manager
<b>MOORE COUNTY --- 5.0 W SUNRAY [36.02, -101.82]</b>				
	06/13/23 17:14 CST		0	Hail (1.25 in)
	06/13/23 17:14 CST		0	Source: Emergency Manager
<b>HUTCHINSON COUNTY --- 2.1 SSW PRINGLE [35.92, -101.46], 2.8 SSE PRINGLE [35.91, -101.44]</b>				
	06/13/23 17:48 CST		0	Hail (1.75 in)
	06/13/23 17:52 CST		0	Source: Trained Spotter
<b>HUTCHINSON COUNTY --- 1.4 N STINNETT [35.84, -101.45]</b>				
	06/13/23 17:51 CST		0	Thunderstorm Wind (MG 55 kt)
	06/13/23 17:51 CST		0	Source: Mesonet
<b>HUTCHINSON COUNTY --- 3.0 NNW HUTCHINSON CO ARPT [35.74, -101.42]</b>				
	06/13/23 17:57 CST		0	Thunderstorm Wind (EG 65 kt)
	06/13/23 17:57 CST		0	Source: Storm Chaser
Two tree branches were blown onto the highway. Storm chaser had come across damage at 1902CDT.				
<b>CARSON COUNTY --- 5.9 NE MC BRIDE [35.59, -101.41], 0.9 NW SKELLYTOWN [35.58, -101.19]</b>				
	06/13/23 18:04 CST		0	Hail (0.88 in)
	06/13/23 18:12 CST		0	Source: Public
<b>HUTCHINSON COUNTY --- 5.6 E BORGER [35.67, -101.28]</b>				
	06/13/23 18:13 CST		0	Thunderstorm Wind (MG 63 kt)
	06/13/23 18:13 CST		0	Source: Mesonet
<b>GRAY COUNTY --- PAMPA [35.53, -100.97], 2.1 NNW MC LEAN [35.26, -100.61]</b>				
	06/13/23 18:31 CST		0	Hail (4.50 in)
	06/13/23 19:08 CST		0	Source: Storm Chaser
Multiple reports were made for hail ranging from 2" to 4.5" in diameter with this storm.				
<b>GRAY COUNTY --- 2.4 ENE PAMPA [35.54, -100.93]</b>				
	06/13/23 18:34 CST		0	Thunderstorm Wind (MG 65 kt)
	06/13/23 18:34 CST		0	Source: Mesonet
<b>GRAY COUNTY --- 1.3 ENE LEFORS [35.44, -100.80]</b>				
	06/13/23 18:48 CST		0	Thunderstorm Wind (EG 78 kt)
	06/13/23 18:48 CST		0	Source: Public
Resident reported broken windows, trees down, siding on houses damaged, and a car window blown out.				
<b>GRAY COUNTY --- 0.6 E PAMPA [35.53, -100.96]</b>				

## Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/13/23 18:51 CST		0	Thunderstorm Wind (EG 70 kt)
	06/13/23 18:51 CST		0	Source: Public
Several large tree branches were reported to be snapped along South Cuyler street in Pampa.				
<hr/>				
<b>GRAY COUNTY --- 8.4 ESE LEFORS [35.37, -100.69]</b>				
	06/13/23 18:57 CST		0	Thunderstorm Wind (EG 78 kt)
	06/13/23 18:57 CST		0	Source: Storm Chaser
Multiple large power poles were snapped and some road signs were bent. Report came in over social media with photos of the damage.				
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<b>GRAY COUNTY --- 1.1 E MC LEAN [35.23, -100.58]</b>				
	06/13/23 19:15 CST		0	Thunderstorm Wind (MG 64 kt)
	06/13/23 19:15 CST		0	Source: Mesonet
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<b>WHEELER COUNTY --- 0.9 NE LELA [35.23, -100.34]</b>				
	06/13/23 19:20 CST		0	Hail (3.50 in)
	06/13/23 19:20 CST		0	Source: Public
<hr/>				
<b>WHEELER COUNTY --- 0.7 N SHAMROCK [35.23, -100.25]</b>				
	06/13/23 19:31 CST		0	Hail (1.75 in)
	06/13/23 19:31 CST		0	Source: Trained Spotter
<hr/>				
<b>GRAY COUNTY --- 2.4 ESE LEFORS [35.42, -100.78]</b>				
	06/13/23 19:35 CST		0	Hail (2.75 in)
	06/13/23 19:35 CST		0	Source: Public
<hr/>				
<b>COLLINGSWORTH COUNTY --- 2.6 ENE SAMNORWOOD [35.07, -100.24]</b>				
	06/13/23 19:41 CST		0	Hail (1.00 in)
	06/13/23 19:41 CST		0	Source: Storm Chaser
<hr/>				
<b>GRAY COUNTY --- 8.3 N MC LEAN [35.35, -100.60]</b>				
	06/13/23 19:41 CST		0	Hail (4.00 in)
	06/13/23 19:41 CST		0	Source: Public
<hr/>				
<b>WHEELER COUNTY --- 0.9 NE LELA [35.23, -100.34]</b>				
	06/13/23 20:06 CST		0	Hail (5.50 in)
	06/13/23 20:06 CST		0	Source: Public
Picture sent into social media. Report of stones fell before arriving to the location and had melted an unknown amount.				
<b>On June 13th, a supercell thunderstorm tracked southeast across southern portions of Cimarron County, Oklahoma into northern portions of Dallam County, Texas. In addition to producing large hail, three tornadoes were witnessed and documented by several storm spotters and storm chasers. Due to the lack of damage and occurring in open fields, these have been rated EF-U(Unknown).</b>				
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<b>OCHILTREE COUNTY --- 0.6 W PERRYTON [36.40, -100.81], PERRYTON [36.40, -100.80]</b>				
	06/15/23 15:48 CST		0	Hail (1.00 in)
	06/15/23 15:51 CST		0	Source: Trained Spotter
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<b>OCHILTREE COUNTY --- 8.9 S FARNSWORTH [36.15, -100.95], 12.4 SSE PERRYTON MUNI ARPT [36.24, -100.66]</b>				
	06/15/23 16:02 CST		0.11M	Tornado (EF2, L: 17.35 mi , W: 200 yd)
	06/15/23 16:35 CST		0	Source: NWS Storm Survey

## Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>Several land spouts developed along the flanking line of a tornadic supercell storm just north of the area. Two of these grew significantly and became rather strong and long lived tornadoes that were documented by several storm chasers in the area. The stronger of the twins was rated an EF2 based on snapped power poles along the path, but both mostly remained in open grasslands. The tornado remained in open county and produced very little damage outside the occasional prairie scrub brush which it ripped from the ground. It did cross Highway 70 snapping power poles at its peak which provided the EF2 rating. The tornado also crossed Highway 83 before roping out near Wolf Creek Park.</p>				
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<b>OCHILTREE COUNTY --- 1.9 WNW PERRYTON [36.41, -100.83], 2.2 SSE PERRYTON MUNI ARPT [36.37, -100.73]</b>				
	06/15/23 16:06 CST	3	1M	Tornado (EF3, L: 6.31 mi , W: 880 yd)
	06/15/23 16:17 CST	100	0	Source: NWS Storm Survey
<p>The tornado touched down to the northwest of Perryton and crossed Highway 143. It entered town, where it caused significant damage to a mobile home community. Dozens of mobile homes were completely destroyed. It continued into downtown and caused structural damage to several downtown shops, some with collapsed walls. A microwave tower was also folded in half. The tornado intensified and caused low end EF3 damage to a few retail stores in downtown and along Ash Street, some of which were completely destroyed. As the tornado continued to the southeast across Birch and Cedar Streets, it damaged numerous mobile homes and single family structures, continuing as an EF2 in this area. A cell phone tower was also brought down, which resulted in telecommunication outages. The tornado affected an industrial park area where it tossed several empty fuel tanks across Texas 143 Loop and into a field. It also pushed a full tanker truck into a pond along Loop 143. The tornado then crossed a field, before damaging a grain bin and downing about ten power poles along Highway 377. It crossed Highway 377 and lifted in an open field before it reached County Road 20.</p>				
Direct Fatalities: M11MH, F66PH, F67PH				
<hr/>				
<b>OCHILTREE COUNTY --- 33.2 ENE PRINGLE [36.14, -100.90], 45.5 ENE PRINGLE [36.21, -100.70]</b>				
	06/15/23 16:12 CST		0	Tornado (EF0, L: 12.26 mi , W: 50 yd)
	06/15/23 16:30 CST		0	Source: NWS Storm Survey
<p>This much smaller twin to a larger and stronger tornado tracked mile or less south of the larger one. The tornado remained in open county and produced no known damage, despite crossing some power lines. The tornado crossed Highway 70 and County Road W before dissipating. Track and times are estimated based on storm chaser video, pictures and accounts.</p>				
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<b>HEMPHILL COUNTY --- 11.3 SE CANADIAN [35.79, -100.23], 11.7 ENE GLAZIER [36.05, -100.03]</b>				
	06/15/23 17:21 CST		0	Hail (2.50 in)
	06/15/23 17:36 CST		0	Source: Trained Spotter
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<b>HEMPHILL COUNTY --- 13.0 ENE GLAZIER [36.08, -100.02], 13.7 ENE GLAZIER [36.07, -100.05]</b>				
	06/15/23 17:29 CST		0	Tornado (EF0, L: 1.29 mi , W: 50 yd)
	06/15/23 17:33 CST		0	Source: NWS Storm Survey
<p>This tornado developed to the west of Highway 1453. It resulted in a few downed tree branches before into Ellis County, Oklahoma. This tornado was also observed by several storm spotters and chasers.</p>				
<hr/>				
<b>LIPSCOMB COUNTY --- 0.6 W HIGGINS [36.12, -100.03]</b>				
	06/15/23 17:32 CST		0	Hail (2.00 in)
	06/15/23 17:32 CST		0	Source: Public

## Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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During the evening of the 15th a line of storms, of which contained supercells, formed over portions of southwest Kansas and extend south through Beaver County, OK into the northeastern portions of the Texas Panhandle. The supercell furthest south dropped a tornado on Perryton, TX killing three people and leaving a path of destruction over 6 miles. Several other landspout tornadoes spun up further south of Perryton along the flanking line of the tornadic supercell. One of these landpouts took out some power poles, but remained mostly in grasslands. These tornadic supercells also produced large hail between 1" and 2.5" in diameter.

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**HUTCHINSON COUNTY --- 14.8 ENE BORGER [35.74, -101.13]**

06/17/23 16:56 CST			0	Hail (1.00 in)
06/17/23 16:56 CST			0	Source: Trained Spotter

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**HANSFORD COUNTY --- 0.9 SE SPEARMAN [36.19, -101.19]**

06/17/23 19:06 CST			0	Hail (0.75 in)
06/17/23 19:06 CST			0	Source: Public

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**GRAY COUNTY --- 2.8 N PAMPA [35.57, -100.97]**

06/17/23 20:17 CST			0	Hail (0.75 in)
06/17/23 20:17 CST			0	Source: Public

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**ROBERTS COUNTY --- 0.9 SW MIAMI [35.69, -100.64], 2.2 SW MIAMI [35.68, -100.66]**

06/17/23 20:25 CST			0	Hail (1.75 in)
06/17/23 20:33 CST			0	Source: State Official

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**WHEELER COUNTY --- 3.4 E MOBEETIE [35.52, -100.37]**

06/17/23 20:52 CST			0	Hail (1.75 in)
06/17/23 20:52 CST			0	Source: Public

During the early evening hours of the 17th, a discrete supercell formed over the central TX Panhandle and moved towards the northeastern TX Panhandle. At the same time a complex of storms was entering the western OK Panhandle and moved east across the area and expanded southward towards the eastern combined Panhandles. These storms produced hail up to 3" in diameter and wind gusts upwards of 70-80 mph with some minor wind damage. Some of the largest hail sizes and strongest winds occurred with the grunt of the complex across the OK Panhandle.

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**(TX-Z317) PALO DORO CANYON**

06/21/23 12:45 CST		1	0	Excessive Heat
06/21/23 12:45 CST			0	

Direct Fatalities: M17OU

Abnormally high dewpoints lead to heat indices in Palo Duro Canyon reaching between 105 and 109 despite the ambient temperature being in the mid to upper 90s during the early part of the afternoon. This was when three hikers had to be rescued from the trails, with one of the hikers eventually passing away in the hospital.

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**CARSON COUNTY --- 2.8 N CONWAY [35.24, -101.38]**

06/21/23 16:32 CST			0	Hail (1.50 in)
06/21/23 16:32 CST			0	Source: Public

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**HUTCHINSON COUNTY --- 5.0 NNW PRINGLE [36.02, -101.47]**

06/21/23 16:35 CST			0	Hail (1.75 in)
06/21/23 16:35 CST			0	Source: Law Enforcement

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**CARSON COUNTY --- 1.3 ENE CONWAY [35.21, -101.36]**

06/21/23 16:46 CST			0	Hail (1.25 in)
06/21/23 16:46 CST			0	Source: Trained Spotter

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**ARMSTRONG COUNTY --- 9.0 N GOODNIGHT [35.16, -101.19], 0.9 SE CLAUDE [35.11, -101.36]**

06/21/23 16:58 CST			0	Hail (2.75 in)
06/21/23 17:13 CST			0	Source: Storm Chaser

## Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>HUTCHINSON COUNTY --- 0.6 E STINNETT [35.82, -101.44]</b>				
	06/21/23 17:45 CST		0	Hail (1.75 in)
	06/21/23 17:45 CST		0	Source: Fire Department/Rescue
<b>HUTCHINSON COUNTY --- 4.4 WSW BORGER [35.64, -101.45]</b>				
	06/21/23 18:38 CST		0	Hail (1.00 in)
	06/21/23 18:38 CST		0	Source: Public
<b>HEMPHILL COUNTY --- 8.8 WNW GAGEBY [35.69, -100.46]</b>				
	06/22/23 14:23 CST		0	Thunderstorm Wind (MG 50 kt)
	06/22/23 14:23 CST		0	Source: Mesonet
<b>HEMPHILL COUNTY --- 7.9 NE GAGEBY [35.70, -100.23], 15.3 E GAGEBY [35.65, -100.06]</b>				
	06/22/23 14:41 CST		85K	Tornado (EF1, L: 10.30 mi , W: 150 yd)
	06/22/23 14:55 CST		0	Source: NWS Storm Survey
<p>This tornado developed near County Road 17 and produced some minor tree damage, with limbs and branches being blown down. The tornado then continued across open field before impacting a residence just off Highway 277, where it brought down trees and some power lines along that road. As it crossed Highway 277, it brought down about 7 power poles, and caused more impressive tree damage, snapping branches and some trees while uprooting other hardwood trees. It resulted in some minor roof damage to a shed and damaged another shed at a natural gas facility. The tornado then crossed County Road 22, just to the south of Highway 277. Here, it snapped several hardwood branches and uprooted another tree. It also lifted the lids off of two silos, one of which collapsed in on the side. The debris of the lids ended up damaging a nearby barn. The tornado then crossed open fields and Highway 277 once more before causing some minor tree branch damage along Highway 2124. The tornado likely lifted after this point.</p>				
<b>HARTLEY COUNTY --- (DHT)DALHART MUNI AR [36.02, -102.55]</b>				
	06/22/23 23:46 CST		0	Thunderstorm Wind (MG 57 kt)
	06/22/23 23:46 CST		0	Source: ASOS
<b>HUTCHINSON COUNTY --- 0.7 N FRITCH [35.64, -101.60], 3.1 WSW BORGER [35.65, -101.43]</b>				
	06/23/23 07:00 CST		0	Hail (1.00 in)
	06/23/23 07:11 CST		0	Source: Emergency Manager
<b>DEAF SMITH COUNTY --- 0.7 S DAWN [34.91, -102.20]</b>				
	06/23/23 16:45 CST		0	Hail (1.50 in)
	06/23/23 16:45 CST		0	Source: Public
<b>RANDALL COUNTY --- 2.1 N CANYON [35.01, -101.92]</b>				
	06/23/23 17:00 CST		0	Hail (1.25 in)
	06/23/23 17:00 CST		0	Source: Public
<b>RANDALL COUNTY --- 7.0 SW AMARILLO [35.13, -101.91], 2.8 S AMARILLO [35.16, -101.82]</b>				
	06/23/23 17:01 CST		0	Hail (1.00 in)
	06/23/23 17:10 CST		0	Source: Trained Spotter
<p>Several reports came into the weather office for hail between 0.88" and 1" in diameter across southern portions of Amarillo.</p>				
<b>POTTER COUNTY --- 1.7 E AMARILLO [35.20, -101.79], 0.9 NE (AMA)AMARILLO INTL A [35.23, -101.71]</b>				
	06/23/23 17:12 CST		0	Hail (1.00 in)
	06/23/23 17:19 CST		0	Source: Public
<b>CARSON COUNTY --- PANHANDLE [35.35, -101.38]</b>				
	06/23/23 17:42 CST		0	Hail (1.00 in)
	06/23/23 17:42 CST		0	Source: Public

Various discrete and scattered thunderstorms impacted portions the combined Oklahoma and Texas Panhandles each evening and overnight on the 21st through the 23rd. Several of these storms produced large hail over and inch in diameter with some as large as 2.75". Severe wind gusts were also hazard with a gust upwards of 66 mph measured by ground equipment. A supercell even dropped a tornado in Hemphill County.

## Storm Data and Unusual Weather Phenomena - June 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>GRAY COUNTY --- 2.5 ENE PAMPA [35.54, -100.93]</b>				
	06/27/23 01:24 CST	0		Thunderstorm Wind (MG 77 kt)
	06/27/23 01:25 CST	0		Source: Mesonet
Peak wind gust was due to a heat burst from a decaying thunderstorm.				

<b>POTTER COUNTY --- 10.3 ESE VALLE DE ORO [35.42, -101.93]</b>				
	06/27/23 02:44 CST	0		Thunderstorm Wind (MG 56 kt)
	06/27/23 03:29 CST	0		Source: Mesonet
A few severe wind gusts were a result of heat bursts associated with decaying thunderstorms.				

Heat bursts usually occur at night, are associated with decaying thunderstorms, and are marked by gusty, and sometimes damaging, winds, combining a sharp increase in temperature and a sharp decrease in dew point (humidity). This is what happened on the night of the 26th into early morning on the 27th. A mesonet located near Pampa, TX gusted to 73 mph at 0324 CDT with a temperature observation of 69.4 degrees Fahrenheit, and a dewpoint of 58.6. The very next minute the winds gusted to 89 mph with a temperature of 74.9 and a dewpoint of 56. Ten minutes later at 0334CDT the T/Td was 83/52 which equated to a relative humidity of 35 percent. Five minutes prior to the first gust at 0324CDT the relative humidity was 86 percent. Three separate wind gusts OF 60-65 MPH also occurred at the mesonet located 15 mile NNW of Amarillo between 0344CDT and 0429CDT.

<b>DALLAM COUNTY --- 3.0 SSW WARE [36.14, -102.72]</b>				
	06/27/23 16:13 CST	0		Thunderstorm Wind (EG 65 kt)
	06/27/23 16:13 CST	0		Source: Trained Spotter
A large tree was blown over onto a house. A trained spotter had collected a report from the resident of this home. Resident said there was no damage on the inside of the house.				

<b>SHERMAN COUNTY --- 1.8 WNW MALLETT [36.36, -102.13]</b>				
	06/27/23 16:54 CST	0		Thunderstorm Wind (MG 55 kt)
	06/27/23 16:54 CST	0		Source: Mesonet

<b>DALLAM COUNTY --- 2.1 N TEXLINE [36.41, -103.02]</b>				
	06/28/23 18:59 CST	0		Thunderstorm Wind (MG 61 kt)
	06/28/23 19:09 CST	0		Source: Mesonet

On the evening of the 27th, a convective complex developed in the northwestern combined Oklahoma and Texas Panhandles. This system moved northeast into Texas County in Oklahoma Panhandle where it continued to strengthen and take a more easterly direction into Beaver County. Good dynamics and an unstable airmass lead to cells with in this complex that managed to drop hail between 1" and 4" in diameter and even produced some strong winds. Of which a 114 mph wind gust that was measured by the Beaver mesonet.

<b>POTTER COUNTY --- 3.1 SW (AMA)AMARILLO INTL A [35.19, -101.76]</b>				
	06/30/23 13:50 CST	0		Hail (1.00 in)
	06/30/23 13:50 CST	0		Source: NWS Employee

<b>GRAY COUNTY --- 1.8 ENE MC LEAN [35.24, -100.57]</b>				
	06/30/23 15:45 CST	0		Thunderstorm Wind (MG 56 kt)
	06/30/23 15:45 CST	0		Source: Mesonet

Widespread thunderstorms developed over the south central Texas Panhandle and spread across the eastern TX Panhandle. A couple of the strongest updrafts produced large hail up to an inch in diameter over eastern portions of Amarillo. Also, a 64 mph wind gust near McLean.