

## Storm Data and Unusual Weather Phenomena - May 2023

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**

05/01/23 00:00 CST	0	Drought
05/31/23 23:59 CST	0	

Wide spread beneficial rain finally returned to the combined Oklahoma and Texas Panhandles during May 2023. Almost all of the dryland winter wheat was not harvestable at the beginning of the month. The rain received by mid month was highly beneficial for spring planting of cotton and peanuts. Some areas in the Panhandles actually received so much rain in a short amount of time at the end of the month that flooded fields hindered further planting. Overall, much of the area saw great improvements in overall drought conditions.

**(OK-Z001) CIMARRON**

05/03/23 19:05 CST	0	High Wind (MAX 50 kt)
05/03/23 19:05 CST	0	

A heat burst occurred over the Kenton, OK mesonet where the winds gusted to 58 mph while the temperature quickly rose 7 degrees.

**TEXAS COUNTY --- 7.9 NNE EVA [36.90, -101.83]**

05/21/23 19:15 CST	0	Hail (0.90 in)
05/21/23 19:15 CST	0	Source: Public

Spotter reports hail of 0.9" in diameter, approximately 6 miles southeast of Elkhart, KS. Approximately 3 miles east of Highway 95.

Isolated to scattered showers and thunderstorms developed in the western combined OK and TX Panhandles during the afternoon of the 21st. Thunderstorm activity picked up going into the evening as it moved east across the area. Besides some heavy rainfall one of these storms produced hail up to 0.9" in diameter in the Oklahoma Panhandle.

**BEAVER COUNTY --- 1.4 S BOYD [36.68, -100.82]**

05/22/23 16:59 CST	0	Hail (1.00 in)
05/22/23 16:59 CST	0	Source: Fire Department/Rescue

**BEAVER COUNTY --- 1.4 S GRAY [36.53, -100.82]**

05/22/23 17:51 CST	0	Hail (1.75 in)
05/22/23 17:51 CST	0	Source: Fire Department/Rescue

**TEXAS COUNTY --- 2.8 E HARDESTY [36.62, -101.15]**

05/22/23 18:07 CST	0	Hail (1.50 in)
05/22/23 18:07 CST	0	Source: Public

**BEAVER COUNTY --- 7.9 W GRAY [36.55, -100.96], 8.2 WSW GRAY [36.51, -100.96], 2.5 S GRAY [36.51, -100.82], GRAY [36.55, -100.82]**

05/22/23 18:58 CST	0	Flash Flood (due to Heavy Rain)
05/22/23 19:58 CST	0	Source: Storm Chaser

Storm chaser reports flowing water over multiple roadways with these roads impassable. Additionally, multiple homes had yards that were flooded.

Early in the afternoon on the 22nd, multiple storms developed across the south central to southeastern Texas Panhandle. Some of these storms produced hail up to 1.5" and some heavy rainfall causing flooding in Gray County. Later in the afternoon a supercell developed over Beaver County in the Oklahoma Panhandle with another supercell forming in southwest Kansas before moving into the central and eastern portions of the Oklahoma Panhandle. These storms were in a very good environment for hail growth leading to reports of 2.5" diameter hail, especially once they got into Ochiltree County in the Texas Panhandle as they moved south to southeast. Some flooding was reported in Beaver County as well due to the initial storm then the Kansas storm training over the same area with heavy rainfall rates.

**TEXAS COUNTY --- 0.9 NE TYRONE [36.96, -101.06]**

05/24/23 19:40 CST	0	Hail (1.75 in)
05/24/23 19:40 CST	0	Source: Trained Spotter

During the evening of May 24th, widespread showers and thunderstorms developed over eastern New Mexico into the western combined Oklahoma and Texas Panhandles. A few of these storms became severe producing wind gusts upwards of 64 mph. A few isolated storms developed out ahead of the line of storms over the central to eastern portions of the combined Panhandles. These storms were either severe and produced hail upwards of 1.75" in diameter or were heavy rain producers causing flash flooding issues.

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The 1.75" hail report came in for a storm just south of the Kansas state line in Texas County. A storm east to southeast of Perryton, Texas continued to cycle over the same area producing a flash flood where a driver had to be rescued from fast moving water just after midnight on the 25th.

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**BEAVER COUNTY --- 3.5 N BALKO [36.68, -100.69]**

05/28/23 14:30 CST			0	Hail (1.00 in)
05/28/23 14:30 CST			0	Source: Emergency Manager

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**BEAVER COUNTY --- 6.9 N BALKO [36.73, -100.68]**

05/28/23 14:36 CST			0	Hail (2.00 in)
05/28/23 14:36 CST			0	Source: Storm Chaser

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**BEAVER COUNTY --- 6.8 NNE BALKO [36.72, -100.63]**

05/28/23 14:41 CST			0	Hail (1.75 in)
05/28/23 14:41 CST			0	Source: Public

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**BEAVER COUNTY --- 5.1 NNE BALKO [36.70, -100.65]**

05/28/23 15:25 CST			0	Hail (1.75 in)
05/28/23 15:25 CST			0	Source: Storm Chaser

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**BEAVER COUNTY --- 5.9 SE TURPIN [36.80, -100.81], 3.1 NE BOYD [36.73, -100.78], 7.2 SSW BEAVER [36.73, -100.59], 4.0 W BEAVER [36.81, -100.59]**

05/28/23 16:24 CST			0	Flash Flood (due to Heavy Rain)
05/28/23 17:24 CST			0	Source: Emergency Manager

Roads were closed due to high waters.

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**BEAVER COUNTY --- 0.9 SW BOYD [36.69, -100.83]**

05/28/23 16:44 CST			0	Hail (2.50 in)
05/28/23 16:44 CST			0	Source: Trained Spotter

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**BEAVER COUNTY --- 3.4 ESE BOYD [36.69, -100.76]**

05/28/23 16:56 CST			0	Hail (1.75 in)
05/28/23 16:56 CST			0	Source: Public

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**BEAVER COUNTY --- 1.5 SSW BOYD [36.68, -100.83]**

05/28/23 17:36 CST			0	Hail (2.00 in)
05/28/23 17:36 CST			0	Source: Public

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**BEAVER COUNTY --- 0.7 S BOYD [36.69, -100.82]**

05/28/23 17:40 CST			0	Hail (2.50 in)
05/28/23 17:40 CST			0	Source: Public

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**TEXAS COUNTY --- 2.8 N HOOKER [36.91, -101.22]**

05/28/23 17:56 CST			0	Hail (1.00 in)
05/28/23 17:56 CST			0	Source: Public

A few discrete supercells formed across the combined Oklahoma and Texas Panhandles on during the afternoon of the 28th, before a complex of storms moved from the northwest to southeast across the combined Panhandles. One of the discrete cells in the afternoon formed over Beaver County in the Oklahoma Panhandle and not only produced hail up to 2.5" in diameter, but also sat over the same area producing flooding rains. In the TX Panhandle another supercell produced hail stones up to 3.3" in diameter over Hansford County before moving into Sherman County where it produced a brief tornado.

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**BEAVER COUNTY --- 0.9 SW BEAVER [36.81, -100.53]**

05/30/23 22:20 CST			0	Thunderstorm Wind (EG 65 kt)
05/30/23 22:20 CST			0	Source: Emergency Manager

Tree limbs were broken and knocked over, both large and small tree limbs. One tree was blown over onto the road and blocked traffic temporarily.

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

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/30/23 22:20 CST		0	Thunderstorm Wind (MG 62 kt)
	05/30/23 22:20 CST		0	Source: Mesonet

**BEAVER COUNTY --- 5.7 SW CLEAR LAKE [36.62, -100.34]**

	05/30/23 22:50 CST		3K	Thunderstorm Wind (EG 70 kt)
	05/30/23 22:50 CST		0	Source: Emergency Manager

A pickup truck with a trailer was tossed over by the wind.

**BEAVER COUNTY --- 7.4 SW CLEAR LAKE [36.62, -100.38]**

	05/30/23 22:50 CST		34K	Thunderstorm Wind (EG 74 kt)
	05/30/23 22:50 CST		0	Source: Emergency Manager

Wind damaged four power poles along the road.

During the late evening of the 30th a line of thunderstorms moved west to east through the combined Oklahoma and Panhandles. This initial line had a few severe storms embedded in them that produced some severe winds in Beaver County, OK of which did cause some wind damage. Nickel size hail was also initially reported in Moore County near Cactus, TX. After the initial line converged into a complex to the east several more scattered thunderstorms formed over portions of the western to central portions of the Texas Panhandle. One of these storms became severe dropping hail up to 1" in diameter over Randall County at 0518CDT on the morning of the 31st.

**TEXAS COUNTY --- 1.7 E GOODWELL [36.60, -101.60]**

	05/31/23 15:55 CST		0	Thunderstorm Wind (MG 50 kt)
	05/31/23 15:55 CST		0	Source: Mesonet

Two different rounds of showers and thunderstorms overtook the combined Oklahoma and Texas Panhandles on the afternoon and evening of May 31st. The wave of storms produced severe wind gusts between 58 and 60 mph through the northwest TX Panhandle and portions of the Oklahoma Panhandle. The second wave of storms moved into the southwest TX Panhandle from eastern New Mexico later in the evening. These storms produced severe winds between 58 and 63 mph, as well as hail up to the size of nickels. They also were heavy rain producers which led to some urban flooding in the east side of Canyon, TX as well as portions of Amarillo, TX.

### TEXAS, North Panhandle

(TX-Z001) DALLAM, (TX-Z002) SHERMAN, (TX-Z003) HANSFORD, (TX-Z004) OCHILTREE, (TX-Z005) LIPSCOMB, (TX-Z006) HARTLEY, (TX-Z007) MOORE, (TX-Z008) HUTCHINSON, (TX-Z009) ROBERTS, (TX-Z010) HEMPHILL, (TX-Z011) OLDHAM, (TX-Z012) POTTER, (TX-Z015) WHEELER, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL COUNTY, (TX-Z019) DONLEY, (TX-Z020) COLLINGSWORTH

	05/01/23 00:00 CST		0	Drought
	05/31/23 23:59 CST		0	

Wide spread beneficial rain finally returned to the combined Oklahoma and Texas Panhandles during May 2023. Almost all of the dryland winter wheat was not harvestable at the beginning of the month. The rain received by mid month was highly beneficial for spring planting of cotton and peanuts. Some areas in the Panhandles actually received so much rain in a short amount of time at the end of the month that flooded fields hindered further planting. Overall, much of the area saw great improvements in overall drought conditions.

**(TX-Z013) CARSON, (TX-Z014) GRAY, (TX-Z018) ARMSTRONG**

	05/01/23 00:00 CST		0	Drought
	05/23/23 15:00 CST		0	

Wide spread beneficial rain finally returned to the combined Oklahoma and Texas Panhandles during May 2023. Almost all of the dryland winter wheat was not harvestable at the beginning of the month. The rain received by mid month was highly beneficial for spring planting of cotton and peanuts. Some areas in the Panhandles actually received so much rain in a short amount of time at the end of the month that flooded fields hindered further planting. Overall, much of the area saw great improvements in overall drought conditions.

**(TX-Z005) LIPSCOMB**

	05/03/23 00:34 CST		0	High Wind (MAX 51 kt)
	05/03/23 01:03 CST		0	

On the evening of the 3rd some scattered thunderstorms and showers moved through the combined Oklahoma and Texas Panhandles. In the wake of this activity winds had picked up to around 35 to 45 mph in Lipscomb County for about an hour or so. The mesonet station located near Lipscomb, TX measured multiple wind gusts around 58 and 59 mph during this time.

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MOORE COUNTY --- 1.5 SSE FOUR WAY [35.66, -101.96]</b>				
	05/03/23 18:41 CST	0		Hail (1.50 in)
	05/03/23 18:41 CST	0		Source: Storm Chaser
<b>MOORE COUNTY --- 3.6 SSE ETTER [35.98, -101.98]</b>				
	05/03/23 20:04 CST	0		Hail (0.75 in)
	05/03/23 20:04 CST	0		Source: Storm Chaser
Road was lightly covered with hail.				
During the late afternoon and evening hours a line of thunderstorms developed over the northwestern combined Oklahoma and Texas Panhandles. These storms moved southeast encountering some unstable air at times causing storms to intensify and producing hail around the size of nickels to the size of ping pong balls.				
<b>DALLAM COUNTY --- 2.1 N TEXLINE [36.41, -103.02]</b>				
	05/10/23 18:14 CST	0		Thunderstorm Wind (MG 50 kt)
	05/10/23 18:14 CST	0		Source: Mesonet
<b>HARTLEY COUNTY --- (DHT)DALHART MUNI AR [36.02, -102.55]</b>				
	05/10/23 20:22 CST	0		Thunderstorm Wind (MG 53 kt)
	05/10/23 20:22 CST	0		Source: ASOS
<b>DEAF SMITH COUNTY --- 1.4 N SIMMS [35.05, -102.66]</b>				
	05/10/23 20:27 CST	0		Hail (1.00 in)
	05/10/23 20:27 CST	0		Source: Storm Chaser
Light hail accumulation occurred at the time or report.				
<b>OLDHAM COUNTY --- 4.0 SW VEGA [35.21, -102.48]</b>				
	05/10/23 21:04 CST	0		Hail (1.00 in)
	05/10/23 21:04 CST	0		Source: Trained Spotter
During the late afternoon of the 10th a line of thunderstorms developed over eastern New Mexico. This line eventually moved into the western combined Oklahoma and Texas Panhandles where a few of the storms produced some severe wind gusts and large hail. The highest wind gust measured was 61 mph and the largest hail stone was around one inch in diameter.				
<b>GRAY COUNTY --- 4.2 N LAKETON [35.61, -100.63]</b>				
	05/17/23 17:43 CST	0		Hail (1.25 in)
	05/17/23 17:43 CST	0		Source: Public
<b>GRAY COUNTY --- 3.5 N LAKETON [35.60, -100.64]</b>				
	05/17/23 17:50 CST	0		Hail (1.75 in)
	05/17/23 17:50 CST	0		Source: Storm Chaser
<b>GRAY COUNTY --- 3.9 W LAKETON [35.55, -100.70]</b>				
	05/17/23 18:28 CST	0		Hail (1.00 in)
	05/17/23 18:28 CST	0		Source: Storm Chaser
<b>GRAY COUNTY --- 5.5 S PAMPA [35.45, -100.97]</b>				
	05/17/23 19:32 CST	0		Hail (1.25 in)
	05/17/23 19:32 CST	0		Source: Storm Chaser
A line of thunderstorms developed across the western Oklahoma and Texas Panhandles during the afternoon of the 17th. East of this line was some unstable air where a discrete storm developed and dropped large hail over portions of northern Gray County. The largest hailstone reported was 1.75" 6 miles south of Miami, TX.				
<b>OLDHAM COUNTY --- 1.4 S BOYS RANCH [35.51, -102.25]</b>				
	05/18/23 15:53 CST	0		Hail (1.00 in)
	05/18/23 15:53 CST	0		Source: Public

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>DALLAM COUNTY --- 0.9 NW CONLEN [36.24, -102.24]</b>				
	05/18/23 17:04 CST		0	Hail (1.75 in)
	05/18/23 17:04 CST		0	Source: Law Enforcement
<b>DALLAM COUNTY --- 3.9 ESE CONLEN [36.20, -102.17]</b>				
	05/18/23 17:33 CST		1K	Hail (1.50 in)
	05/18/23 17:33 CST		0	Source: Public
Wind driven hail caused extensive damage to house and trees. All windows on north side of house were blown out.				
<b>POTTER COUNTY --- 14.6 N AMARILLO [35.41, -101.84]</b>				
	05/18/23 17:50 CST		0	Hail (2.50 in)
	05/18/23 17:50 CST		0	Source: Trained Spotter
<b>MOORE COUNTY --- 0.6 E CACTUS [36.05, -101.99]</b>				
	05/18/23 18:28 CST		5K	Thunderstorm Wind (EG 74 kt)
	05/18/23 18:28 CST		0	Source: Law Enforcement
A metal roof was blown off one of the apartment buildings at the Cactus JBS apartments.				
<b>POTTER COUNTY --- 13.9 NNE (AMA)AMARILLO INTL A [35.41, -101.64]</b>				
	05/18/23 18:59 CST		0	Hail (1.75 in)
	05/18/23 18:59 CST		0	Source: Public
<b>POTTER COUNTY --- 10.1 NNE (AMA)AMARILLO INTL A [35.35, -101.64]</b>				
	05/18/23 19:10 CST		0	Hail (1.00 in)
	05/18/23 19:10 CST		0	Source: Storm Chaser
<b>CARSON COUNTY --- 3.1 WSW PANTEX [35.31, -101.62]</b>				
	05/18/23 19:42 CST		0	Hail (2.00 in)
	05/18/23 19:42 CST		0	Source: Trained Spotter
<b>MOORE COUNTY --- 0.2 S CACTUS [36.05, -102.00], 0.6 E CACTUS [36.05, -101.99], 0.4 N CACTUS [36.05, -102.00], 0.6 WNW CACTUS [36.05, -102.01]</b>				
	05/18/23 20:00 CST		0	Flash Flood (due to Heavy Rain)
	05/18/23 21:00 CST		0	Source: Law Enforcement
Torrential rainfall rates of 3 to 5 inches per hour resulted in major street flooding throughout town. Vehicles were stranded with several water rescues being conducted. Some streets had fast flowing water over a foot deep covering the street.				
<b>CARSON COUNTY --- 3.6 NNW PANHANDLE [35.40, -101.40]</b>				
	05/18/23 20:14 CST		0	Hail (2.00 in)
	05/18/23 20:14 CST		0	Source: Storm Chaser
<b>RANDALL COUNTY --- 6.0 NNW CANYON [35.06, -101.96]</b>				
	05/18/23 20:18 CST		5K	Thunderstorm Wind (EG 74 kt)
	05/18/23 20:18 CST		0	Source: Public
Carport was destroyed alongside various roof shingles blown off and a wooden fence was broken by thunderstorm wind gust.				
<b>RANDALL COUNTY --- 1.7 W CANYON [34.98, -101.95]</b>				
	05/18/23 20:22 CST		0	Thunderstorm Wind (MG 50 kt)
	05/18/23 20:22 CST		0	Source: Mesonet
<b>CARSON COUNTY --- 7.3 ESE MC BRIDE [35.48, -101.35]</b>				
	05/18/23 20:55 CST		0	Hail (1.00 in)
	05/18/23 20:55 CST		0	Source: Storm Chaser

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CARSON COUNTY --- 7.3 ESE MC BRIDE [35.48, -101.35]</b>				
	05/18/23 20:55 CST		0	Thunderstorm Wind (MG 52 kt)
	05/18/23 20:55 CST		0	Source: Storm Chaser
Storm chaser measured the wind gust with his anemometer.				
<b>CARSON COUNTY --- 3.9 SSE PANTEX [35.28, -101.54], 3.9 SSE PANTEX [35.28, -101.54]</b>				
	05/18/23 21:02 CST		20K	Tornado (EF0, L: 0.09 mi , W: 25 yd)
	05/18/23 21:03 CST		0	Source: NWS Storm Survey
A brief tornado touched down just to the east of FM2373. It caused some broken tree limbs and tossed a dumpster several yards back to the south. It resulted in damage to an attached garage, collapsing the structure. It also blew some horse trailers over in a nearby field. The tornado lifted in an empty field.				
<b>RANDALL COUNTY --- 6.4 WSW AMARILLO [35.17, -101.93], 7.0 WSW AMARILLO [35.15, -101.92], 5.9 SW AMARILLO [35.15, -101.90], 5.0 WSW AMARILLO [35.17, -101.90]</b>				
	05/18/23 21:15 CST		0	Flash Flood (due to Heavy Rain)
	05/18/23 22:15 CST		0	Source: Emergency Manager
Coulter was closed at the north and south lanes at the intersection of 45th Avenue. Multiple water rescues were being conducted.				
<b>RANDALL COUNTY --- 3.6 N CANYON [35.03, -101.93], 2.5 NNW CANYON [35.01, -101.94], 1.9 NE CANYON [35.00, -101.90], 4.0 WSW TIMBERCREEK CANYON [35.04, -101.89]</b>				
	05/18/23 21:32 CST		0	Flash Flood (due to Heavy Rain)
	05/18/23 22:32 CST		0	Source: NWS Employee
Water was reported to be across the road at the Canyon exit of I-27. A car had spun out and ended up in a ditch with deep water.				
<b>CARSON COUNTY --- 4.0 WSW WHITE DEER [35.40, -101.24]</b>				
	05/18/23 21:45 CST		0	Thunderstorm Wind (MG 50 kt)
	05/18/23 21:45 CST		0	Source: Storm Chaser
Storm chaser measured with an anemometer.				
<b>CARSON COUNTY --- 4.0 WSW WHITE DEER [35.40, -101.24]</b>				
	05/18/23 22:00 CST		0	Thunderstorm Wind (MG 50 kt)
	05/18/23 22:00 CST		0	Source: Storm Chaser
This wind gusts was measured by a storm chaser with an anemometer.				
<b>RANDALL COUNTY --- 1.0 NW PALO DURO CANYON STATE PARK [34.96, -101.68], 1.6 SSE PALO DURO CANYON STATE PARK [34.93, -101.66], 2.6 ESE PALO DURO CANYON STATE PARK [34.93, -101.63], 0.5 ENE PALO DURO CANYON STATE PARK [34.95, -101.66]</b>				
	05/18/23 22:15 CST		0	Flash Flood (due to Heavy Rain)
	05/18/23 23:15 CST		0	Source: Broadcast Media
Fast moving water moved a truck bed camper at least 30 feet, and washed away several tents. As well as moved several other trailers. Flooding led to Park Road 5 being closed from the Lighthouse parking lot to the Cactus picnic area.				
During the afternoon of the 18th, quite a bit of moisture and unstable air was present across the combined Oklahoma and Texas Panhandle. During the heat of the day several supercell thunderstorms created large hail, up to 2.5" in diameter, heavy rain, and damaging wind gusts. One of the supercells even produced a short lived tornado. Continued storm activity into the overnight hours from the help of an upper level system continued to feed the overall rain amounts leading to widespread flooding problems across the area.				
<b>GRAY COUNTY --- 10.5 SW LEFORS [35.34, -100.97]</b>				
	05/22/23 14:35 CST		0	Hail (1.75 in)
	05/22/23 14:35 CST		0	Source: Storm Chaser
<b>COLLINGSWORTH COUNTY --- 9.1 S QUAIL [34.75, -100.48]</b>				

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	05/22/23 14:36 CST		0	Hail (1.25 in)
	05/22/23 14:36 CST		0	Source: Public
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<b>COLLINGSWORTH COUNTY --- WELLINGTON [34.85, -100.22]</b>				
	05/22/23 14:58 CST		0	Hail (1.00 in)
	05/22/23 14:58 CST		0	Source: Trained Spotter
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<b>GRAY COUNTY --- 12.3 SW LEFORS [35.30, -100.97]</b>				
	05/22/23 16:44 CST		0	Hail (1.00 in)
	05/22/23 16:44 CST		0	Source: Broadcast Media
<hr/>				
<b>GRAY COUNTY --- 7.7 S KINGS MILL [35.37, -101.05], 10.4 SSE KINGS MILL [35.33, -101.03], 8.1 SW LEFORS [35.36, -100.94], 7.3 WSW LEFORS [35.39, -100.94]</b>				
	05/22/23 17:15 CST		0	Flash Flood (due to Heavy Rain)
	05/22/23 18:15 CST		0	Source: Trained Spotter
<p>Multiple inches of water over rural roadways and in yards in rural Gray County.</p>				
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<b>OCHILTREE COUNTY --- 6.2 NNW PERRYTON [36.48, -100.85]</b>				
	05/22/23 17:57 CST		0	Hail (1.25 in)
	05/22/23 17:57 CST		0	Source: Public
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<b>DONLEY COUNTY --- 2.7 NE HOWARDWICK [35.10, -100.89]</b>				
	05/22/23 18:01 CST		0	Hail (1.25 in)
	05/22/23 18:01 CST		0	Source: NWS Employee
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<b>OCHILTREE COUNTY --- 3.5 S PERRYTON [36.35, -100.81]</b>				
	05/22/23 18:28 CST		0	Hail (2.50 in)
	05/22/23 18:28 CST		0	Source: Trained Spotter
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<b>OCHILTREE COUNTY --- 2.8 S PERRYTON [36.36, -100.80]</b>				
	05/22/23 18:29 CST		0	Hail (1.75 in)
	05/22/23 18:29 CST		0	Source: Public
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<b>OCHILTREE COUNTY --- PERRYTON [36.40, -100.80]</b>				
	05/22/23 18:29 CST		0	Hail (2.50 in)
	05/22/23 18:29 CST		0	Source: Public
<p>Golf ball to tennis ball sized hail falling in Perryton.</p>				
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<b>OCHILTREE COUNTY --- 0.9 SW PERRYTON [36.39, -100.81]</b>				
	05/22/23 18:35 CST		0	Hail (1.25 in)
	05/22/23 18:35 CST		0	Source: Public
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<b>OCHILTREE COUNTY --- 6.2 S PERRYTON [36.31, -100.81]</b>				
	05/22/23 18:43 CST		0	Hail (1.75 in)
	05/22/23 18:43 CST		0	Source: Public
<hr/>				
<b>OCHILTREE COUNTY --- 7.6 S PERRYTON [36.29, -100.81]</b>				
	05/22/23 18:44 CST		0	Hail (2.00 in)
	05/22/23 18:44 CST		0	Source: Public
<hr/>				
<b>OCHILTREE COUNTY --- WAKA [36.28, -101.05]</b>				
	05/22/23 19:46 CST		0	Hail (1.00 in)
	05/22/23 19:46 CST		0	Source: Trained Spotter
<hr/>				
<b>OCHILTREE COUNTY --- WAKA [36.28, -101.05]</b>				

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/22/23 19:52 CST		0	Hail (2.50 in)
	05/22/23 19:52 CST		0	Source: Trained Spotter

Early in the afternoon on the 22nd, multiple storms developed across the south central to southeastern Texas Panhandle. Some of these storms produced hail up to 1.5" and some heavy rainfall causing flooding in Gray County. Later in the afternoon a supercell developed over Beaver County in the Oklahoma Panhandle with another supercell forming in southwest Kansas before moving into the central and eastern portions of the Oklahoma Panhandle. These storms were in a very good environment for hail growth leading to reports of 2.5" diameter hail, especially once they got into Ochiltree County in the Texas Panhandle. Some flooding was reported in Beaver County as well due to the initial storm then the Kansas storm training over the same area with heavy rainfall rates.

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### DEAF SMITH COUNTY --- 9.5 WSW WALCOTT [34.89, -102.99]

05/24/23 20:01 CST	0	Thunderstorm Wind (MG 52 kt)
05/24/23 20:01 CST	0	Source: Mesonet

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### POTTER COUNTY --- 10.3 ESE VALLE DE ORO [35.42, -101.93]

05/24/23 20:20 CST	0	Thunderstorm Wind (MG 55 kt)
05/24/23 20:20 CST	0	Source: Mesonet

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### OCHILTREE COUNTY --- 0.4 E PERRYTON MUNI ARPT [36.40, -100.74], 7.6 S PERRYTON MUNI ARPT [36.29, -100.74], 12.0 SE PERRYTON MUNI ARPT [36.29, -100.58], 7.7 E TWICHELL [36.44, -100.58]

05/25/23 00:30 CST	0	Flash Flood (due to Heavy Rain)
05/25/23 01:30 CST	0	Source: Fire Department/Rescue

A driver encountered approximately 6 inches of water on the roadway, causing him to hydroplane. The swift running water carried the driver's vehicle about 80 feet from the roadway and into 3 feet of water. This person was rescued by local officials.

During the evening of May 24th, widespread showers and thunderstorms developed over eastern New Mexico into the western combined Oklahoma and Texas Panhandles. A few of these storms became severe producing wind gusts upwards of 64 mph. A few isolated storms developed out ahead of the line of storms over the central to eastern portions of the combined Panhandles. These storms were either severe and produced hail upwards of 1.75" in diameter or were heavy rain producers causing flash flooding issues. The 1.75" hail report came in for a storm just south of the Kansas state line in Texas County. A storm east to southeast of Perryton, Texas continued to cycle over the same area producing a flash flood where a driver had to be rescued from fast moving water just after midnight on the 25th.

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### DALLAM COUNTY --- 13.1 SW PERICO [36.14, -103.02]

05/25/23 20:39 CST	0	Hail (1.50 in)
05/25/23 20:39 CST	0	Source: Trained Spotter

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### DEAF SMITH COUNTY --- 0.1 WSW HEREFORD [34.82, -102.40], 0.3 ESE HEREFORD [34.82, -102.40], 0.3 NE HEREFORD [34.82, -102.40], 0.3 NW HEREFORD [34.82, -102.40]

05/26/23 04:30 CST	0	Flash Flood (due to Heavy Rain)
05/26/23 05:30 CST	0	Source: Public

The parking lot of Dameron Park was flooded. Around 2 inches of rain was measured in 30 minutes by local ground observation stations.

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### RANDALL COUNTY --- 3.2 WSW CANYON [34.97, -101.97], 2.9 W CANYON [34.98, -101.97], 5.2 ENE UMBARGER [34.98, -102.02], 4.9 E UMBARGER [34.95, -102.01]

05/26/23 06:15 CST	0	Flash Flood (due to Heavy Rain)
05/26/23 07:15 CST	0	Source: Newspaper

Gordon Cummings Road was flooded due to heavy rainfall and the overflowing of local creeks. A water rescue did occur along this road.

During the late evening of May 25th a line of thunderstorms moved into the northwest combined Oklahoma and Texas Panhandles moving south to southeast into much of the western combined Panhandles. One of the storms became severe producing hail upwards of 1.5" in diameter near Texline, Texas. As this line of storms continued southward, discrete supercell storms developed in eastern New Mexico around the I-40 corridor. As the line of storms from the north moved south of I-40 west of Amarillo and met up with the storms in New Mexico the system slowed down a little and produced some heavy rainfall causing some flooding problems in Deaf Smith and Randall Counties.

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### DEAF SMITH COUNTY --- 0.9 WSW HEREFORD [34.81, -102.41], 0.1 SW HEREFORD [34.82, -102.40], 0.7 SE HEREFORD [34.81, -102.39], 1.2 SSW HEREFORD [34.80, -102.41]

05/27/23 00:20 CST	0	Flash Flood (due to Heavy Rain)
05/27/23 02:20 CST	0	Source: Broadcast Media



## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Local media had reported that water was getting into businesses around Hereford.				
<b>DEAF SMITH COUNTY --- 7.0 SW HEREFORD [34.75, -102.49], 6.7 SW HEREFORD [34.75, -102.48], 1.5 SSW HEREFORD [34.80, -102.41], 1.6 WSW HEREFORD [34.81, -102.42]</b>				
	05/27/23 00:20 CST	0		Flash Flood (due to Heavy Rain)
	05/27/23 02:20 CST	0		Source: Storm Chaser

Multiple vehicles with people inside, wound up in the ditch on US Highway 60. Reports of 6 inches of hail and 4 inches of water in the area. Water from Tierra Blanca Creek was reported to overtake the bottom of the Highway 60 bridge and start flowing over the highway.

The end of May was unusually warm and moist this year. With abundant moisture and lift late in the evening of the 26th a couple of storms that were long lived and slow moving developed across portions of Deaf Smith County. These thunderstorms produced rainfall rates around 2" to 3" an hour over an area that received upwards of 3" the night before. This led to fast rising waters over the town of Hereford, TX and surrounding areas. Many businesses, especially in the southern portions of town, had been inundated with flood waters. Areas to the southwest along HWY 60 were estimated to have gotten 4" to 6" in 1 to 2 hours, flooding the highway and stranding motorists. Many rescues were conducted by local authorities around 1 AM CDT on the morning of the 27th along Highway 60 between Hereford and Summerfield, TX. Much of these flood waters were mixed with large amounts of hail as well. Tierra Blanca Creek, which runs through portions of Hereford, TX south of Highway 60, had water well above its banks and even overtook the highway at the bridge south of town. Water eventually flowed down into Buffalo Lake, located east of Dawn, TX and south of Umbarger, TX. This lake, which has been dry for many years, had taken on so much water the officials had to release some of the water from the old dam in order to keep it from over stressing. This area of Deaf Smith County is known for beef processing and much of the flood waters running into Buffalo Lake had been contaminated with cow dung. This posed a health risk, which led to officials warning the public not to swim in the lake waters.

<b>HUTCHINSON COUNTY --- 3.0 NNW PRINGLE [35.99, -101.47]</b>				
	05/28/23 14:52 CST	0		Hail (2.25 in)
	05/28/23 14:52 CST	0		Source: Storm Chaser
<b>HUTCHINSON COUNTY --- 4.9 N PRINGLE [36.02, -101.46]</b>				
	05/28/23 14:56 CST	0		Hail (1.00 in)
	05/28/23 14:56 CST	0		Source: Public
<b>HUTCHINSON COUNTY --- 4.8 N PRINGLE [36.02, -101.45]</b>				
	05/28/23 15:06 CST	0		Hail (2.00 in)
	05/28/23 15:06 CST	0		Source: Trained Spotter
<b>HANSFORD COUNTY --- 0.7 S MORSE [36.06, -101.48]</b>				
	05/28/23 16:05 CST	0		Hail (1.75 in)
	05/28/23 16:05 CST	0		Source: Law Enforcement
<b>HANSFORD COUNTY --- 2.3 ENE MORSE [36.08, -101.44]</b>				
	05/28/23 16:12 CST	0		Hail (1.75 in)
	05/28/23 16:12 CST	0		Source: Public
<b>HANSFORD COUNTY --- 3.0 NE MORSE [36.10, -101.44]</b>				
	05/28/23 16:22 CST	0		Hail (3.30 in)
	05/28/23 16:22 CST	0		Source: Storm Chaser
This hail was measured 30 minutes after the storm had left the area.				
<b>HANSFORD COUNTY --- 0.9 SE MORSE [36.06, -101.47]</b>				
	05/28/23 16:23 CST	0		Hail (1.75 in)
	05/28/23 16:23 CST	0		Source: Public
<b>HANSFORD COUNTY --- 2.3 ENE MORSE [36.08, -101.44]</b>				
	05/28/23 16:49 CST	0		Hail (2.00 in)
	05/28/23 16:49 CST	0		Source: Public
<b>HANSFORD COUNTY --- 2.3 ENE MORSE [36.08, -101.44]</b>				

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/28/23 17:05 CST		0	Hail (2.50 in)
	05/28/23 17:05 CST		0	Source: Storm Chaser
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<b>SHERMAN COUNTY --- 16.7 S TEXHOMA [36.26, -101.66]</b>				
	05/28/23 17:44 CST		0	Hail (2.00 in)
	05/28/23 17:44 CST		0	Source: NWS Employee
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<b>SHERMAN COUNTY --- 20.7 E LAUTZ [36.20, -101.66]</b>				
	05/28/23 17:48 CST		0	Hail (2.00 in)
	05/28/23 17:48 CST		0	Source: Public
<hr/>				
<b>SHERMAN COUNTY --- 20.2 S TEXHOMA [36.21, -101.66]</b>				
	05/28/23 17:50 CST		0	Hail (1.25 in)
	05/28/23 17:50 CST		0	Source: Public
<hr/>				
<b>SHERMAN COUNTY --- 15.4 S TEXHOMA [36.28, -101.75]</b>				
	05/28/23 18:13 CST		0	Hail (1.50 in)
	05/28/23 18:13 CST		0	Source: Public
<hr/>				
<b>SHERMAN COUNTY --- 10.6 E LAUTZ [36.23, -101.84]</b>				
	05/28/23 18:27 CST		0	Hail (0.75 in)
	05/28/23 18:27 CST		0	Source: Public
<hr/>				
<b>SHERMAN COUNTY --- 6.8 ESE LAUTZ [36.20, -101.91], 7.3 E LAUTZ [36.21, -101.90]</b>				
	05/28/23 18:48 CST		0	Tornado (EFU, L: 0.89 mi , W: 20 yd)
	05/28/23 18:56 CST		0	Source: Public
<hr/>				
This tornado was reported and verified by video. No damage was found. Therefore, no survey was able to be conducted and the tornado was classified as an EF-Unknown.				
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<b>SHERMAN COUNTY --- 15.0 ESE LAUTZ [36.14, -101.78]</b>				
	05/28/23 20:16 CST		0	Thunderstorm Wind (MG 61 kt)
	05/28/23 20:16 CST		0	Source: Mesonet
<hr/>				
A few discrete supercells formed across the combined Oklahoma and Texas Panhandles on during the afternoon of the 28th, before a complex of storms moved from the northwest to southeast across the combined Panhandles. One of the discrete cells in the afternoon formed over Beaver County in the Oklahoma Panhandle and not only produced hail up to 2.5" in diameter, but also sat over the same area producing flooding rains. In the TX Panhandle another supercell produced hail stones up to 3.3" in diameter over Hansford County before moving into Sherman County where it produced a brief tornado.				
<hr/>				
<b>MOORE COUNTY --- CACTUS [36.05, -102.00]</b>				
	05/30/23 21:04 CST		0	Hail (0.75 in)
	05/30/23 21:04 CST		0	Source: Public
<hr/>				
<b>RANDALL COUNTY --- 5.5 WNW TIMBERCREEK CANYON [35.08, -101.91]</b>				
	05/31/23 04:18 CST		0	Hail (1.00 in)
	05/31/23 04:18 CST		0	Source: Public
<hr/>				
During the late evening of the 30th a line of thunderstorms moved west to east through the combined Oklahoma and Panhandles. This initial line had a few severe storms embedded in them that produced some severe winds in Beaver County, OK of which did cause some wind damage. Nickel size hail was also initially reported in Moore County near Cactus, TX. After the initial line converged into a complex to the east several more scattered thunderstorms formed over portions of the western to central portions of the Texas Panhandle. One of these storms became severe dropping hail up to 1" in diameter over Randall County at 0518CDT on the morning of the 31st.				
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<b>HARTLEY COUNTY --- (DHT)DALHART MUNI AR [36.02, -102.55]</b>				
	05/31/23 14:16 CST		0	Thunderstorm Wind (MG 52 kt)
	05/31/23 14:16 CST		0	Source: ASOS
<hr/>				
<b>MOORE COUNTY --- 3.1 ESE DUMAS [35.83, -101.92]</b>				

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/31/23 15:16 CST		0	Thunderstorm Wind (MG 52 kt)
	05/31/23 15:16 CST		0	Source: Mesonet
<hr/>				
<b>SHERMAN COUNTY --- 15.0 ESE LAUTZ [36.14, -101.78]</b>				
	05/31/23 15:17 CST		0	Thunderstorm Wind (MG 51 kt)
	05/31/23 15:17 CST		0	Source: Mesonet
<hr/>				
<b>DEAF SMITH COUNTY --- 9.5 WSW WALCOTT [34.89, -102.99]</b>				
	05/31/23 17:46 CST		0	Thunderstorm Wind (MG 51 kt)
	05/31/23 17:46 CST		0	Source: Mesonet
<hr/>				
<b>DEAF SMITH COUNTY --- BOOTLEG [34.83, -102.81]</b>				
	05/31/23 17:46 CST		0	Thunderstorm Wind (MG 51 kt)
	05/31/23 17:46 CST		0	Source: Mesonet
<hr/>				
<b>OLDHAM COUNTY --- 4.6 E VEGA [35.24, -102.35]</b>				
	05/31/23 18:50 CST		0	Thunderstorm Wind (MG 50 kt)
	05/31/23 18:50 CST		0	Source: Mesonet
<hr/>				
<b>RANDALL COUNTY --- 0.6 SSE CANYON [34.97, -101.92], 1.2 ESE CANYON [34.97, -101.90], 1.0 ENE CANYON [34.98, -101.90], 0.3 NE CANYON [34.98, -101.92]</b>				
	05/31/23 19:10 CST		0	Flash Flood (due to Heavy Rain)
	05/31/23 21:10 CST		0	Source: Fire Department/Rescue
<p>Moderate street flooding was reported throughout the city. Low water crossings in Hunsley Hills had to be closed. Water on 4th Avenue and Hospital Drive had stalled out smaller vehicles. .</p>				
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<b>RANDALL COUNTY --- 3.0 NNE UMBARGER [34.99, -102.08]</b>				
	05/31/23 19:20 CST		0	Thunderstorm Wind (MG 55 kt)
	05/31/23 19:20 CST		0	Source: Mesonet
<hr/>				
<b>POTTER COUNTY --- 5.7 E BUSHLAND [35.19, -101.97]</b>				
	05/31/23 19:39 CST		0	Hail (0.75 in)
	05/31/23 19:39 CST		0	Source: Public
<hr/>				
<b>POTTER COUNTY --- 10.3 ESE VALLE DE ORO [35.42, -101.93]</b>				
	05/31/23 19:54 CST		0	Thunderstorm Wind (MG 50 kt)
	05/31/23 19:54 CST		0	Source: Mesonet
<hr/>				
<b>HUTCHINSON COUNTY --- 1.5 NNW FRITCH [35.65, -101.61]</b>				
	05/31/23 20:23 CST		0	Thunderstorm Wind (MG 52 kt)
	05/31/23 20:23 CST		0	Source: Mesonet
<hr/>				
<b>MOORE COUNTY --- 2.8 E LAKE MEREDITH [35.65, -101.62]</b>				
	05/31/23 20:23 CST		0	Thunderstorm Wind (MG 52 kt)
	05/31/23 20:23 CST		0	Source: Mesonet
<hr/>				
<b>POTTER COUNTY --- 2.4 NE AMARILLO [35.23, -101.79], 5.0 SSE AMARILLO [35.13, -101.79], 8.1 SW AMARILLO [35.13, -101.94], 6.8 WNW AMARILLO [35.23, -101.94]</b>				
	05/31/23 21:31 CST		0	Flash Flood (due to Heavy Rain)
	05/31/23 21:31 CST		0	Source: Public

Numerous reports came in for water covering roads, with fast flowing water leading to numerous roads being impassable in several areas. Drainage ditches and playa lakes began overflowing onto roads and encroaching on homes in the southwest side of Amarillo .

**Two different rounds of showers and thunderstorms overtook the combined Oklahoma and Texas Panhandles on the afternoon and evening of May 31st. The wave of storms produced severe wind gusts between 58 and 60 mph through the northwest TX Panhandle and portions of the Oklahoma Panhandle. The second wave of storms moved into the southwest TX Panhandle from eastern New Mexico later in the evening. These storms produced severe winds between 58 and 63 mph, as well as hail up to the size of nickels. They also were heavy rain producers which led to some urban flooding in the east side of Canyon, TX as well as portions of Amarillo, TX.**

## Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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