

## Storm Data and Unusual Weather Phenomena - September 2023

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

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#### CIMARRON COUNTY --- 15.5 E REGNIER [36.97, -102.57]

09/09/23 16:54 CST	0	Hail (2.50 in)
09/09/23 16:54 CST	0	Source: Emergency Manager

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#### CIMARRON COUNTY --- 12.2 NNW BOISE CITY [36.90, -102.58]

09/09/23 18:07 CST	0	Hail (1.00 in)
09/09/23 18:07 CST	0	Source: Emergency Manager

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

09/10/23 19:05 CST	0	Thunderstorm Wind (MG 53 kt)
09/10/23 19:05 CST	0	Source: Mesonet

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

09/10/23 19:10 CST	0	Thunderstorm Wind (MG 61 kt)
09/10/23 19:10 CST	0	Source: Public

A good bit of moisture worked its way into the combined Oklahoma and Texas Panhandles on the 9th through the 11th. The upper level pattern favored upper level help for storms to travel into the combined Panhandles from the west and northwest during the late afternoon into overnight hours. The first night on the 9th a couple of strong supercell thunderstorms dropped hail up to 2.5" in diameter in the western Oklahoma Panhandle. More widespread storms managed to drop hail up to 1.5", but these storms also produced several severe wind gusts upwards of 80 plus mph on the night of the 10th across much of the combined Panhandles.

### TEXAS, North Panhandle

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#### (TX-Z012) POTTER, (TX-Z013) CARSON, (TX-Z017) RANDALL COUNTY, (TX-Z018) ARMSTRONG

09/01/23 00:00 CST	0	Drought
09/30/23 23:59 CST	0	

August was into September was extremely hot and dry for areas across the southern TX Panhandle. Basically areas to the north and south of I-40 had well below normal precipitation through August and September leading to the development of Moderate (D1) to Severe (D2) Drought. Dry land cotton suffered with the crop nearing completion and turning brown. Ranchers had to supplementally feed with pasture grasses going dormant. This has also led to concern for a wheat shortage going into the winter.

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#### (TX-Z014) GRAY

09/08/23 13:45 CST	0	Wildfire
09/08/23 19:45 CST	0	

A very warm and breezy day with ongoing drought conditions supported elevated fire conditions, with a wildfire in Gray County. The fire burned 1295 acres in Gray County.

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#### DALLAM COUNTY --- 1.8 WNW PERICO [36.28, -102.88]

09/09/23 21:16 CST	0	Hail (1.75 in)
09/09/23 21:16 CST	0	Source: Public

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#### RANDALL COUNTY --- 2.1 NNW PALO DURO CANYON STATE PARK [34.98, -101.68]

09/10/23 16:55 CST	0	Hail (1.50 in)
09/10/23 16:55 CST	0	Source: Public

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#### OCHILTREE COUNTY --- 1.1 W PERRYTON [36.40, -100.82], 0.8 E PERRYTON [36.40, -100.78], 1.9 SSE PERRYTON [36.38, -100.78], 2.0 SSW PERRYTON [36.38, -100.82]

09/10/23 20:17 CST	0	Flood (due to Heavy Rain)
09/10/23 21:17 CST	0	Source: Public

Street flooding of water around 6" deep with isolated deeper amounts was reported across portions of the roadways and intersections in Perryton. There were no reports of stalled or stuck cars.

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<b>OCHILTREE COUNTY --- 1.8 WSW WAKA [36.27, -101.08]</b>				
	09/10/23 20:21 CST		12K	Thunderstorm Wind (EG 74 kt)
	09/10/23 20:21 CST		0	Source: Trained Spotter
Three to four power poles were snapped and laying on the ground from thunderstorm winds.				
<b>HANSFORD COUNTY --- 1.5 NNE SPEARMAN [36.22, -101.19]</b>				
	09/10/23 20:30 CST		0	Thunderstorm Wind (MG 54 kt)
	09/10/23 20:30 CST		0	Source: AWOS
<b>POTTER COUNTY --- 10.3 ESE VALLE DE ORO [35.42, -101.93]</b>				
	09/10/23 20:57 CST		0	Thunderstorm Wind (MG 55 kt)
	09/10/23 20:57 CST		0	Source: Mesonet
<b>OCHILTREE COUNTY --- 1.8 WNW WAKA [36.29, -101.08], 0.7 NNE WAKA [36.29, -101.05], 0.3 NNE WAKA [36.28, -101.05], 1.7 W WAKA [36.28, -101.08]</b>				
	09/10/23 21:30 CST		0	Flood (due to Heavy Rain)
	09/10/23 21:30 CST		0	Source: Trained Spotter
Heavy rains led to flooded ditches along County Road P with water making it up onto the rural road . Some standing water was still on the road the next morning.				
<b>CARSON COUNTY --- 4.1 SSW PANTEX [35.28, -101.61]</b>				
	09/10/23 21:43 CST		0	Thunderstorm Wind (MG 51 kt)
	09/10/23 21:43 CST		0	Source: Mesonet
<b>CARSON COUNTY --- 0.6 E WHITE DEER [35.43, -101.17]</b>				
	09/10/23 22:19 CST		0	Thunderstorm Wind (EG 70 kt)
	09/10/23 22:19 CST		0	Source: Public
Multiple large tree limbs were blown down and flag pole was snapped in half.				
<b>ARMSTRONG COUNTY --- 0.6 E GOODNIGHT [35.03, -101.19]</b>				
	09/10/23 22:32 CST		0	Thunderstorm Wind (MG 67 kt)
	09/10/23 22:32 CST		0	Source: Mesonet
<b>ARMSTRONG COUNTY --- 15.2 SSE GOODNIGHT [34.82, -101.12]</b>				
	09/10/23 22:36 CST		0	Thunderstorm Wind (MG 58 kt)
	09/10/23 22:36 CST		0	Source: Mesonet
<b>DONLEY COUNTY --- 1.8 WSW CLARENDON [34.92, -100.93]</b>				
	09/10/23 22:54 CST		0	Thunderstorm Wind (MG 50 kt)
	09/10/23 22:54 CST		0	Source: Mesonet
<b>DONLEY COUNTY --- 4.7 SSE CLARENDON [34.87, -100.86]</b>				
	09/10/23 22:59 CST		20K	Thunderstorm Wind (EG 74 kt)
	09/10/23 22:59 CST		0	Source: Law Enforcement
A well-built carport, along with the vehicles in it had wind damage. Also, part of the roof on the home was damaged as well.				
<b>DONLEY COUNTY --- 3.1 WNW LELIA LAKE [34.92, -100.83]</b>				
	09/10/23 23:02 CST		0	Thunderstorm Wind (EG 74 kt)
	09/10/23 23:02 CST		0	Source: Law Enforcement
Multiple trees were uprooted along HWY 287 by the wind.				
<b>DONLEY COUNTY --- 2.2 NW LELIA LAKE [34.92, -100.81]</b>				
	09/10/23 23:04 CST		10K	Thunderstorm Wind (EG 74 kt)
	09/10/23 23:04 CST		0	Source: Law Enforcement

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A porch was damaged by the thunderstorm wind, along with debris from the damaged porch blown over 200 yards.				
<b>GRAY COUNTY --- 1.8 ENE MC LEAN [35.24, -100.57]</b>				
	09/10/23 23:14 CST		0	Thunderstorm Wind (MG 72 kt)
	09/10/23 23:14 CST		0	Source: Mesonet

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<b>LIPSCOMB COUNTY --- 1.5 NW BOOKER [36.46, -100.55], 0.8 N BOOKER [36.46, -100.53], 0.2 SE BOOKER [36.45, -100.53], 1.2 W BOOKER [36.45, -100.55]</b>				
	09/15/23 02:10 CST		0	Flood (due to Heavy Rain)
	09/15/23 03:10 CST		0	Source: Local Official

Four inches of rain fell in two hours leading to street flooding which caused some road closures in Booker.

<b>DEAF SMITH COUNTY --- 0.9 NW HEREFORD MUNI ARPT [34.86, -102.33]</b>				
	09/15/23 20:35 CST		0	Thunderstorm Wind (MG 57 kt)
	09/15/23 20:35 CST		0	Source: AWOS

<b>DEAF SMITH COUNTY --- HEREFORD MUNI ARPT [34.85, -102.32]</b>				
	09/15/23 20:35 CST		0	Hail (1.00 in)
	09/15/23 20:35 CST		0	Source: Public

The combined OK/TX Panhandles stayed in a favorable pattern for good amounts of Gulf moisture from the Gulf of Mexico staying around and thunderstorms that drop decent rainfall amounts across the northern combined Panhandles. This led to some flooding on the night of the 14th. Then storms with a little bit more instability late on the 15th created some hail up to an inch in diameter and a severe wind gust up to 66 mph.

<b>OLDHAM COUNTY --- 4.7 WSW ADRIAN [35.25, -102.76]</b>				
	09/18/23 21:49 CST		0	Thunderstorm Wind (MG 51 kt)
	09/18/23 21:49 CST		0	Source: Mesonet

A small cluster of showers and thunderstorms developed over eastern New Mexico on the evening of the 18th and moved into the eastern TX Panhandle. Conditions favored some strong wind gusts from storms, and these storms did produce a gust of 59 mph measured by a mesonet station in Oldham County.

<b>HUTCHINSON COUNTY --- 3.6 NNE FRITCH [35.68, -101.58]</b>				
	09/21/23 18:55 CST		25K	Thunderstorm Wind (EG 74 kt)
	09/21/23 18:55 CST		0	Source: Emergency Manager

An overturned RV was reported by the emergency manager near the intersection of Fritch Fortress Rd and Amarillo Rd . There was also damage to what appeared to be a house currently being constructed.

<b>HUTCHINSON COUNTY --- 0.9 NW FRITCH [35.64, -101.61]</b>				
	09/21/23 18:57 CST		0	Thunderstorm Wind (MG 76 kt)
	09/21/23 18:59 CST		0	Source: Mesonet

A 58 mph wind gust was also recorded 2 minutes after the 87 mph wind gust.

During the late afternoon to evening hours on the 21st, some thunderstorms developed and moved east across the central TX Panhandle. One of these storms grew in strength and created a wind gust of 87 mph measured by a mesonet station near Fritch. These severe wind gusts from this storm also caused some damage to some RVs being blown over.