

## Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>OKLAHOMA, Panhandle</b>				
<b>CIMARRON COUNTY --- 3.0 SSE BOISE CITY [36.69, -102.50]</b>				
	08/11/19 20:10 CST	0		Thunderstorm Wind (MG 63 kt)
	08/11/19 20:10 CST	0		Source: Mesonet
Isolated thunderstorms developed during the early evening across the western Oklahoma Panhandle and northwest Texas Panhandle along a trough of low pressure. One storm over the western Oklahoma Panhandle produced strong winds.				
<b>TEXAS COUNTY --- 0.9 NW (GUY)GUYMON MUNI ARP [36.69, -101.51]</b>				
	08/21/19 18:14 CST	0		Thunderstorm Wind (MG 52 kt)
	08/21/19 18:14 CST	0		Source: ASOS
<b>TEXAS COUNTY --- 1.7 E GOODWELL [36.60, -101.60]</b>				
	08/21/19 18:20 CST	0		Thunderstorm Wind (MG 51 kt)
	08/21/19 18:20 CST	0		Source: Mesonet
<b>CIMARRON COUNTY --- 6.7 E WHEELLESS [36.73, -102.78]</b>				
	08/21/19 20:18 CST	0		Hail (0.75 in)
	08/21/19 20:18 CST	0		Source: Emergency Manager
A cluster of thunderstorms developed during the early evening along an outflow boundary across the Oklahoma Panhandle. Strong winds and hail were reported.				
<b>BEAVER COUNTY --- 5.6 E BEAVER [36.81, -100.42]</b>				
	08/23/19 19:10 CST	0		Thunderstorm Wind (EG 65 kt)
	08/23/19 19:10 CST	0		Source: Emergency Manager
Trained spotters reported that a barn was destroyed. A nearby house also suffered damage.				
<b>BEAVER COUNTY --- 9.2 NNW CLEAR LAKE [36.80, -100.35], 7.6 ESE BEAVER [36.80, -100.39]</b>				
	08/23/19 19:10 CST	0		Tornado (EF0, L: 1.93 mi , W: 50 yd)
	08/23/19 19:20 CST	0		Source: NWS Storm Survey
The tornado touched down near a rural ranch home. Significant tree damage occurred in that location along with damage to the roof of a barn and the porch and roof of one home in the complex. Another outbuilding was destroyed further along the path. The degree of damage and lack of damage to power poles along the path supported an EF0 rating.				
<b>BEAVER COUNTY --- 1.5 SSW BEAVER [36.80, -100.53]</b>				
	08/23/19 19:15 CST	0		Thunderstorm Wind (MG 61 kt)
	08/23/19 19:15 CST	0		Source: Mesonet
<b>BEAVER COUNTY --- 0.7 S BEAVER [36.81, -100.52]</b>				
	08/23/19 19:21 CST	0		Hail (1.50 in)
	08/23/19 19:21 CST	0		Source: Emergency Manager
<b>BEAVER COUNTY --- 0.4 WSW BEAVER [36.82, -100.53], 0.3 E BEAVER [36.82, -100.51], 0.8 SSE BEAVER [36.81, -100.51], 0.8 SSW BEAVER [36.81, -100.53]</b>				
	08/23/19 20:15 CST	0		Flash Flood (due to Heavy Rain)
	08/23/19 20:15 CST	0		Source: Emergency Manager
Flooding was reported in Beaver with water rushing across low lying areas on US Highway 270. Flooding was also reported along other roads in Beaver.				
<b>BEAVER COUNTY --- 0.9 NW FORGAN [36.91, -100.54], 0.7 N FORGAN [36.91, -100.53], 0.4 NW FORGAN [36.90, -100.54], 0.8 WNW FORGAN [36.90, -100.54]</b>				
	08/23/19 20:18 CST	0		Flash Flood (due to Heavy Rain)
	08/23/19 20:18 CST	0		Source: Emergency Manager
Flooding was reported with water covering roadways in Forgan.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>BEAVER COUNTY --- 3.0 NW LOGAN [36.60, -100.26]</b>				
	08/23/19 20:20 CST		0	Thunderstorm Wind (MG 63 kt)
	08/23/19 20:20 CST		0	Source: Mesonet
<b>BEAVER COUNTY --- SLAPOUT [36.62, -100.12]</b>				
	08/23/19 20:20 CST		0	Hail (1.75 in)
	08/23/19 20:20 CST		0	Source: Broadcast Media
<b>BEAVER COUNTY --- 0.3 NW BEAVER [36.82, -100.52], 0.4 NE BEAVER [36.82, -100.51], 0.3 SE BEAVER [36.82, -100.52], 0.4 SW BEAVER [36.82, -100.52]</b>				
	08/23/19 20:55 CST		0	Flash Flood (due to Heavy Rain)
	08/23/19 20:55 CST		0	Source: Emergency Manager

Water was reported inside a convenience store in north Beaver.

Scattered to numerous thunderstorms developed during the evening across the eastern Oklahoma Panhandle along a low pressure trough. Thunderstorm development was enhanced by a vigorous mid-level shortwave trough encountering a very moist and unstable atmosphere.

<b>CIMARRON COUNTY --- 3.0 SSE BOISE CITY [36.69, -102.50]</b>				
	08/29/19 16:35 CST		0	Thunderstorm Wind (MG 50 kt)
	08/29/19 16:35 CST		0	Source: Mesonet

An isolated thunderstorm developed during the afternoon over the western Oklahoma Panhandle, producing strong winds.

<b>CIMARRON COUNTY --- FELT [36.57, -102.78]</b>				
	08/30/19 18:34 CST		0	Hail (1.25 in)
	08/30/19 18:34 CST		0	Source: Social Media

An isolated thunderstorm which developed in moist easterly low-level flow over the western Oklahoma Panhandle produced hail.

### TEXAS, North Panhandle

<b>GRAY COUNTY --- 1.3 WSW PAMPA [35.52, -100.99]</b>				
	08/02/19 18:48 CST		0	Thunderstorm Wind (EG 56 kt)
	08/02/19 18:48 CST		0	Source: Trained Spotter

A business sign was blown over on U.S. Highway 60 southwest of Pampa.

<b>GRAY COUNTY --- PAMPA [35.53, -100.97]</b>				
	08/02/19 18:49 CST		0	Thunderstorm Wind (EG 56 kt)
	08/02/19 18:49 CST		0	Source: Trained Spotter

A city spotter reported and photographed a downed Tree in Pampa.

Isolated thunderstorms developed during the late afternoon and evening across the southeast Texas Panhandle. One storm produced damaging winds.

<b>ARMSTRONG COUNTY --- 0.6 E GOODNIGHT [35.03, -101.19]</b>				
	08/07/19 14:21 CST		0	Thunderstorm Wind (MG 72 kt)
	08/07/19 14:26 CST		0	Source: Mesonet

Winds stayed above 58 MPH for 5 minutes from 1421 to 1426. The peak gust of 83 MPH occurred at 1422.

<b>ARMSTRONG COUNTY --- 12.0 SW CLAUDE [35.00, -101.52]</b>				
	08/07/19 14:34 CST		0	Thunderstorm Wind (MG 62 kt)
	08/07/19 14:34 CST		0	Source: Mesonet

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>Scattered thunderstorms developed during the early afternoon across the southern and eastern Texas Panhandle within a plume of Monsoon moisture. Two storms produced strong down-burst winds given dry air present below the storms.</b>				
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<b>DEAF SMITH COUNTY --- 1.8 WNW HEREFORD [34.83, -102.43]</b>				
	08/08/19 15:50 CST	0		Hail (1.00 in)
	08/08/19 15:50 CST	0		Source: Storm Chaser
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<b>POTTER COUNTY --- 3.7 WNW AMARILLO [35.22, -101.88]</b>				
	08/08/19 15:55 CST	0		Hail (1.00 in)
	08/08/19 15:55 CST	0		Source: Broadcast Media
Dime to quarter size hail was reported by a local broadcast meteorologist.				
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<b>POTTER COUNTY --- 4.9 N AMARILLO [35.27, -101.83]</b>				
	08/08/19 15:55 CST	0		Hail (0.88 in)
	08/08/19 15:55 CST	0		Source: Law Enforcement
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<b>POTTER COUNTY --- 5.1 NNW AMARILLO [35.27, -101.85]</b>				
	08/08/19 15:59 CST	0		Hail (1.00 in)
	08/08/19 15:59 CST	0		Source: Broadcast Media
Quarter size hail was reported in north Amarillo.				
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<b>DEAF SMITH COUNTY --- 1.8 WNW HEREFORD [34.83, -102.43]</b>				
	08/08/19 16:00 CST	0		Thunderstorm Wind (MG 56 kt)
	08/08/19 16:00 CST	0		Source: Mesonet
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<b>DEAF SMITH COUNTY --- HEREFORD [34.82, -102.40]</b>				
	08/08/19 16:00 CST	0		Thunderstorm Wind (MG 60 kt)
	08/08/19 16:00 CST	0		Source: Emergency Manager
Weather equipment at the fire department recorded a 69 MPH wind gust. Numerous trees and power lines were downed. A travel trailer by the aquatic center was also flipped.				
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<b>POTTER COUNTY --- 4.9 N AMARILLO [35.27, -101.83]</b>				
	08/08/19 16:00 CST	0		Hail (1.50 in)
	08/08/19 16:00 CST	0		Source: Trained Spotter
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<b>DEAF SMITH COUNTY --- 0.5 SE HEREFORD [34.81, -102.39], 1.0 WSW HEREFORD [34.81, -102.42], 0.9 WNW HEREFORD [34.82, -102.41], 0.5 ENE HEREFORD [34.82, -102.39]</b>				
	08/08/19 16:13 CST	0		Flood (due to Heavy Rain)
	08/08/19 16:13 CST	0		Source: Broadcast Media
A Broadcast meteorologist reported localized street flooding in the Hereford area.				
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<b>DEAF SMITH COUNTY --- 2.0 WNW HEREFORD [34.83, -102.43]</b>				
	08/08/19 16:25 CST	0		Heavy Rain
	08/08/19 16:25 CST	0		Source: Mesonet
The mesonet site recodred 1.61 inches of rain in 30 minutes.				
<b>Isolated thunderstorms developed during the afternoon across the southwest, central and northeast Texas Panhandle. There was enough instability that a few storms across the southwest Texas Panhandle produced hail, strong winds and very heavy rains.</b>				
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<b>POTTER COUNTY --- 4.0 W AMARILLO [35.20, -101.89]</b>				
	08/09/19 15:49 CST	0		Hail (1.00 in)
	08/09/19 15:51 CST	0		Source: NWS Employee
Nickel to quarter size hail was observed just west of Interstate 40 and Western. The hail lasted about 2 to 3 minutes.				
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<b>POTTER COUNTY --- (AMA)AMARILLO INTL A [35.22, -101.72]</b>				

## Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/09/19 16:43 CST		0	Thunderstorm Wind (MG 50 kt)
	08/09/19 16:43 CST		0	Source: ASOS
<b>Isolated thunderstorms developed during the afternoon across the western, central and northeast Texas Panhandle. A few storms in the Amarillo area produced hail and strong winds.</b>				
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<b>CARSON COUNTY --- 1.5 SSW PANHANDLE [35.33, -101.39]</b>				
	08/12/19 14:41 CST		0	Thunderstorm Wind (MG 56 kt)
	08/12/19 14:41 CST		0	Source: Mesonet
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<b>GRAY COUNTY --- 0.7 S PAMPA LEFORS ARPT [35.61, -101.00]</b>				
	08/12/19 15:15 CST		0	Thunderstorm Wind (MG 51 kt)
	08/12/19 15:15 CST		0	Source: AWOS
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<b>LIPSCOMB COUNTY --- HIGGINS [36.12, -100.02]</b>				
	08/12/19 15:30 CST		0	Thunderstorm Wind (EG 61 kt)
	08/12/19 15:33 CST		0	Source: Trained Spotter
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Part of a roof was blown off of a building. Multiple 55-gallon drums were blown down the street and some tree limbs were broken around town in Higgins.				
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<b>LIPSCOMB COUNTY --- HIGGINS [36.12, -100.02]</b>				
	08/12/19 15:38 CST		0	Thunderstorm Wind (EG 61 kt)
	08/12/19 15:38 CST		0	Source: Fire Department/Rescue
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A tree was uprooted in a pasture off of US Highway 60 near the Oklahoma state line.				
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<b>Isolated thunderstorms developed during the afternoon across the central and eastern Texas Panhandle. A few storms produced strong winds.</b>				
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<b>MOORE COUNTY --- 2.8 E LAKE MEREDITH [35.65, -101.62]</b>				
	08/15/19 04:23 CST		0	Thunderstorm Wind (MG 54 kt)
	08/15/19 04:23 CST		0	Source: Mesonet
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<b>MOORE COUNTY --- 2.8 E LAKE MEREDITH [35.65, -101.62]</b>				
	08/15/19 04:32 CST		0	Thunderstorm Wind (MG 63 kt)
	08/15/19 04:32 CST		0	Source: Mesonet
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<b>A cluster of thunderstorms developed during the early morning hours across the northwest Texas Panhandle. One storm produced strong winds.</b>				
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<b>GRAY COUNTY --- 0.7 S PAMPA LEFORS ARPT [35.61, -101.00]</b>				
	08/16/19 18:35 CST		0	Thunderstorm Wind (MG 51 kt)
	08/16/19 18:35 CST		0	Source: AWOS
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<b>WHEELER COUNTY --- 5.7 NW NEW MOBEETIE [35.58, -100.51]</b>				
	08/16/19 21:15 CST		0	Thunderstorm Wind (EG 56 kt)
	08/16/19 21:15 CST		0	Source: Law Enforcement
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An all-terrain vehicle was moved several feet and flipped over into a pole. A motorcycle trailer was pushed off its blocks and a camper was moved a few inches. Winds were well away from the thunderstorm core and may have been related to a heat burst process.				
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<b>HEMPHILL COUNTY --- 5.8 ENE CANADIAN [35.92, -100.28]</b>				
	08/16/19 22:37 CST		0	Thunderstorm Wind (MG 53 kt)
	08/16/19 22:37 CST		0	Source: Mesonet
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<b>DONLEY COUNTY --- 1.8 WSW CLARENDON [34.92, -100.93]</b>				
	08/17/19 02:15 CST		0	Thunderstorm Wind (MG 69 kt)
	08/17/19 02:15 CST		0	Source: Mesonet
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<b>GRAY COUNTY --- 2.4 ENE PAMPA [35.54, -100.93]</b>				

## Storm Data and Unusual Weather Phenomena - August 2019

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	08/17/19 04:10 CST		0	Thunderstorm Wind (MG 50 kt)
	08/17/19 04:10 CST		0	Source: Mesonet

**CARSON COUNTY --- 1.5 SSW PANHANDLE [35.33, -101.39]**

	08/17/19 15:41 CST		0	Thunderstorm Wind (MG 51 kt)
	08/17/19 15:41 CST		0	Source: Mesonet

Isolated thunderstorms developed during the evening of August 16 along a trough of low pressure across the eastern Texas Panhandle, producing strong winds. Storms continued into the early morning hours of August 17, with additional reports of strong winds. An isolated thunderstorm during the afternoon of August 17 produced strong winds.

**COLLINGSWORTH COUNTY --- WELLINGTON [34.85, -100.22]**

	08/18/19 18:00 CST		0	Thunderstorm Wind (EG 56 kt)
	08/18/19 18:00 CST		0	Source: Social Media

Strong winds downed a power pole on Haskell Street in Wellington.

**COLLINGSWORTH COUNTY --- 0.9 SE WELLINGTON [34.84, -100.21]**

	08/18/19 18:19 CST		0	Thunderstorm Wind (EG 52 kt)
	08/18/19 18:19 CST		0	Source: Trained Spotter

Several 5 to 7 inch diameter tree branches were blown down. Pea size hail was also reported.

**COLLINGSWORTH COUNTY --- 3.1 NE WELLINGTON [34.88, -100.18]**

	08/18/19 18:20 CST		0	Thunderstorm Wind (EG 70 kt)
	08/18/19 18:20 CST		0	Source: Trained Spotter

The roofs of two barn/out buildings were lifted. The spotter estimated the time of occurrence as being between 18:15 and 18:20.

An isolated thunderstorm developed along a low pressure trough across the southeast Texas Panhandle, producing strong and damaging winds.

**OCHILTREE COUNTY --- 1.4 S FARNSWORTH [36.26, -100.97]**

	08/19/19 16:35 CST		0	Hail (1.00 in)
	08/19/19 16:35 CST		0	Source: Broadcast Media

Perryton radio station KXDJ reported quarter size hail 13 miles southwest of Perryton.

**OCHILTREE COUNTY --- 6.2 E FARNSWORTH [36.29, -100.86]**

	08/19/19 17:02 CST		0	Hail (1.00 in)
	08/19/19 17:02 CST		0	Source: Public

One inch hail was reported.

**OCHILTREE COUNTY --- 6.2 E FARNSWORTH [36.29, -100.86]**

	08/19/19 17:02 CST		0	Thunderstorm Wind (EG 70 kt)
	08/19/19 17:02 CST		0	Source: Public

A roof was blown off of an outbuilding.

**OCHILTREE COUNTY --- 2.1 S PERRYTON [36.37, -100.80]**

	08/19/19 17:13 CST		0	Thunderstorm Wind (MG 53 kt)
	08/19/19 17:13 CST		0	Source: Storm Chaser

An Oklahoma Mesonet truck equipped with an anemometer measured the 61 MPH gust.

**OCHILTREE COUNTY --- 2.8 N FARNSWORTH [36.32, -100.97]**

	08/19/19 17:13 CST		0	Hail (1.00 in)
	08/19/19 17:23 CST		0	Source: Social Media

The hail was mostly dime to nickel size with some quarter size mixed in. The hail fell for 10 minutes.

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<b>OCHILTREE COUNTY --- 2.8 N FARNSWORTH [36.32, -100.97]</b>				
	08/19/19 17:23 CST		0	Hail (1.00 in)
	08/19/19 17:33 CST		0	Source: Social Media
Dime to quarter size hail fell for about 10 minutes.				
<b>Isolated thunderstorms developed during the afternoon along a low pressure trough across the northeast Texas Panhandle, producing damaging winds and hail.</b>				
<b>ARMSTRONG COUNTY --- 15.2 SSE GOODNIGHT [34.82, -101.12]</b>				
	08/20/19 17:02 CST		0	Thunderstorm Wind (MG 52 kt)
	08/20/19 17:02 CST		0	Source: Mesonet
<b>Isolated thunderstorms developed during the afternoon across the southern and eastern Texas Panhandle along a trough of low pressure. One storm over the southern Texas Panhandle produced strong winds.</b>				
<b>MOORE COUNTY --- 0.9 NE DUMAS MUNI ARPT [35.86, -102.01]</b>				
	08/23/19 19:15 CST		0	Thunderstorm Wind (MG 50 kt)
	08/23/19 19:15 CST		0	Source: AWOS
<b>HUTCHINSON COUNTY --- 1.4 N STINNETT [35.84, -101.45]</b>				
	08/23/19 19:53 CST		0	Thunderstorm Wind (MG 53 kt)
	08/23/19 19:53 CST		0	Source: Mesonet
<b>LIPSCOMB COUNTY --- 0.9 NW BOOKER [36.46, -100.54]</b>				
	08/23/19 20:35 CST		0	Hail (0.75 in)
	08/23/19 20:35 CST		0	Source: Storm Chaser
<b>OCHILTREE COUNTY --- 8.8 ENE TWICHELL [36.49, -100.58]</b>				
	08/23/19 20:40 CST		0	Thunderstorm Wind (EG 52 kt)
	08/23/19 20:40 CST		0	Source: Public
One inch tree limbs were broken. A few shingles were blown off.				
<b>LIPSCOMB COUNTY --- 2.1 N BOOKER [36.48, -100.53]</b>				
	08/23/19 20:43 CST		0	Thunderstorm Wind (EG 65 kt)
	08/23/19 20:43 CST		0	Source: Department of Highways
Power lines were down and debris was strewn across Texas Highway 23 and County Road C, blocking traffic.				
<b>OLDHAM COUNTY --- 4.7 WSW ADRIAN [35.25, -102.76]</b>				
	08/23/19 20:58 CST		0	Thunderstorm Wind (MG 51 kt)
	08/23/19 20:58 CST		0	Source: Mesonet
<b>HEMPHILL COUNTY --- 12.0 WNW GAGEBY [35.70, -100.52]</b>				
	08/23/19 22:17 CST		0	Hail (1.00 in)
	08/23/19 22:17 CST		0	Source: Trained Spotter
<b>Scattered to numerous thunderstorms developed during the evening across the northwest, western and northern Texas Panhandle along a low pressure trough. Strong winds and hail occurred with some of the storms. Thunderstorm development was enhanced by a vigorous mid-level shortwave trough encountering a very moist and unstable atmosphere.</b>				
<b>WHEELER COUNTY --- 6.6 NW LELA [35.29, -100.43]</b>				
	08/27/19 12:54 CST		0	Hail (1.00 in)
	08/27/19 12:54 CST		0	Source: Trained Spotter
<b>Isolated thunderstorms developed during the early afternoon across the eastern Texas Panhandle in moist easterly post-frontal flow. One storm in the southeast Texas Panhandle produced hail.</b>				
<b>POTTER COUNTY --- 7.5 NNW AMARILLO [35.30, -101.87]</b>				

## Storm Data and Unusual Weather Phenomena - August 2019

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	08/31/19 21:25 CST		0	Hail (0.88 in)
	08/31/19 21:25 CST		0	Source: Trained Spotter

The spotter reported a very brief period of mostly dime size hail with a few stones up to nickel size.

**Isolated thunderstorms developed during the evening along a low pressure trough across the western Texas Panhandle. One storm produced hail.**