

## Storm Data and Unusual Weather Phenomena - July 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>OKLAHOMA, Panhandle</b>				
<b>(OK-Z001) CIMARRON, (OK-Z002) TEXAS</b>				
	07/01/20 00:00 CST	0		Drought
	07/31/20 23:59 CST	0		
<p>At least some portion of the western Oklahoma Panhandle had been in Severe Drought (D2) since November of 2019. After the drought worsened and peaked in June, significant improvement occurred across the central and eastern portions of the Oklahoma Panhandle in July where monsoon rainfall led to 150 to 300 percent above normal rainfall. This equated to rainfall of 1 to 4 inches above normal for the month and significant drought improvement in those areas. However, some of the western Oklahoma Panhandle experienced only 50 to 75 percent of normal rainfall in July which lead to additional deficits of 1-2 inches for the month. Given this, Extreme Drought (D3) persisted in parts of the far western Oklahoma Panhandle.</p>				
<b>(OK-Z003) BEAVER</b>				
	07/01/20 00:00 CST	0		Drought
	07/31/20 23:59 CST	0		
<p>At least some portion of the western Oklahoma Panhandle had been in Severe Drought (D2) since November of 2019. After the drought worsened and peaked in June, significant improvement occurred across the central and eastern portions of the Oklahoma Panhandle in July where monsoon rainfall led to 150 to 300 percent above normal rainfall. This equated to rainfall of 1 to 4 inches above normal for the month and significant drought improvement in those areas. However, some of the western Oklahoma Panhandle experienced only 50 to 75 percent of normal rainfall in July which lead to additional deficits of 1-2 inches for the month of July. Given this, Extreme Drought (D3) persisted in parts of the far western Oklahoma Panhandle.</p>				
<b>TEXAS COUNTY --- 0.6 E GUYMON [36.68, -101.47]</b>				
	07/02/20 16:33 CST	0		Hail (0.88 in)
	07/02/20 16:33 CST	0		Source: Emergency Manager
Nickel size hail fell 1 mile southeast of Guymon.				
<b>TEXAS COUNTY --- 0.7 N GUYMON [36.69, -101.48]</b>				
	07/02/20 16:33 CST	0		Thunderstorm Wind (EG 65 kt)
	07/02/20 16:33 CST	0		Source: Emergency Manager
In Guymon, a power pole was knocked down south of the court house near the railroad crossing at Main Street.				
<p>Scattered thunderstorms developed over the central Oklahoma Panhandle during the afternoon in a weakly sheared but strongly unstable airmass. One of the storms produced hail and damaging winds.</p>				
<b>BEAVER COUNTY --- 2.8 W SLAPOUT [36.62, -100.17]</b>				
	07/11/20 18:50 CST	0		Hail (1.50 in)
	07/11/20 18:50 CST	0		Source: Public
Ping pong ball size hail fell 3 miles west of Slapout.				
<b>BEAVER COUNTY --- ELMWOOD [36.62, -100.52]</b>				
	07/11/20 18:51 CST	0		Hail (0.88 in)
	07/11/20 18:51 CST	0		Source: Trained Spotter
Dime to nickel size hail fell in Elmwood.				
<b>BEAVER COUNTY --- 0.7 N SLAPOUT [36.63, -100.12]</b>				
	07/11/20 18:58 CST	0		Hail (1.00 in)
	07/11/20 18:58 CST	0		Source: Trained Spotter
Quarter size hail fell 1 mile north of Slapout.				
<b>BEAVER COUNTY --- 1.8 NW SLAPOUT [36.64, -100.14]</b>				
	07/11/20 19:05 CST	0		Hail (1.00 in)
	07/11/20 19:05 CST	0		Source: Trained Spotter

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Quarter size hail fell 2 miles northwest of Slapout.				
<b>TEXAS COUNTY --- 0.7 S GOODWELL [36.59, -101.63]</b>				
	07/11/20 22:09 CST		0	Hail (0.88 in)
	07/11/20 22:09 CST		0	Source: Trained Spotter
Nickel size hail fell in Goodwell.				
<b>TEXAS COUNTY --- 0.9 SE GOODWELL [36.59, -101.62]</b>				
	07/11/20 22:11 CST		0	Hail (1.75 in)
	07/11/20 22:11 CST		0	Source: Trained Spotter
Golf ball size hail fell 1 mile east-southeast of Goodwell.				
<b>TEXAS COUNTY --- 1.7 E GOODWELL [36.60, -101.60]</b>				
	07/11/20 22:25 CST		0	Thunderstorm Wind (MG 53 kt)
	07/11/20 22:25 CST		0	Source: Mesonet
A 61 mph gust was measured at the Oklahoma Mesonet station 2 miles east of Goodwell. No damage was reported.				
<b>TEXAS COUNTY --- 0.9 NW (GUY)GUYMON MUNI ARP [36.69, -101.51]</b>				
	07/11/20 22:31 CST		0	Thunderstorm Wind (MG 52 kt)
	07/11/20 22:32 CST		0	Source: ASOS
Gust to 60 MPH were measured at Guymon Municipal Airport, located 2 miles west of Guymon.				
<b>Surface temperatures rising well above 100 degrees Fahrenheit led strong instability. Scattered thunderstorms producing large hail developed in the eastern Oklahoma Panhandle during the early evening along a stationary front within a corridor of highly unstable air in a strongly sheared atmosphere. During the late evening, the northernmost storm within a short line of thunderstorms became severe as it moved into the south-central Oklahoma Panhandle, producing hail and strong winds.</b>				
<b>TEXAS COUNTY --- 0.7 S GOODWELL [36.59, -101.63]</b>				
	07/14/20 19:20 CST		20K	Thunderstorm Wind (EG 70 kt)
	07/14/20 19:20 CST		0	Source: Fire Department/Rescue
Half of the roof blown was off of a mobile home in Goodwell. Some 6-inch diameter tree limbs were downed.				
<b>TEXAS COUNTY --- 1.7 E GOODWELL [36.60, -101.60]</b>				
	07/14/20 19:20 CST		0	Thunderstorm Wind (MG 54 kt)
	07/14/20 19:20 CST		0	Source: Mesonet
This gust was measured at the Oklahoma Mesonet station 2 miles east of Goodwell.				
<b>TEXAS COUNTY --- 10.6 NE EVA [36.92, -101.78]</b>				
	07/14/20 21:25 CST		0	Thunderstorm Wind (MG 52 kt)
	07/14/20 21:30 CST		0	Source: Mesonet
The Oklahoma Mesonet station 12 miles northeast of Eva measured gusts of 61 MPH range during this time period.				
<b>Afternoon surface temperatures rising well above 100 degrees Fahrenheit led to the elimination of convective inhibition within a post-frontal corridor of highly unstable air. A broken line of thunderstorms developed within the upslope flow and moved east during the evening across the Oklahoma Panhandle. A few storms became severe across the central Panhandle, producing strong and damaging winds.</b>				
<b>CIMARRON COUNTY --- 0.6 E BOISE CITY [36.73, -102.51]</b>				
	07/19/20 17:25 CST		3K	Thunderstorm Wind (EG 61 kt)
	07/19/20 17:25 CST		0	Source: Emergency Manager
In Boise City, strong winds brought down 2 1/2-inch-diameter tree limbs, and peeled back metal roofing at a lumber yard.				
<b>CIMARRON COUNTY --- 3.0 SSE BOISE CITY [36.69, -102.50]</b>				
	07/19/20 17:25 CST		0	Thunderstorm Wind (MG 72 kt)
	07/19/20 17:25 CST		0	Source: Mesonet

## Storm Data and Unusual Weather Phenomena - July 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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This gust was measured at the Oklahoma Mesonet station 3 miles south-southeast of Boise City.

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**CIMARRON COUNTY --- 0.6 NNW BOISE CITY [36.74, -102.52], 2.9 ENE BOISE CITY [36.75, -102.47], 2.8 ESE BOISE CITY [36.71, -102.47], 1.5 S BOISE CITY [36.71, -102.53]**

07/19/20 17:45 CST	0	Flood (due to Heavy Rain)
07/19/20 18:30 CST	0	Source: Emergency Manager

Some roads in Boise City became impassable to smaller vehicles.

**A broken line of thunderstorms entered the northwest corner of the Oklahoma Panhandle during the afternoon and progressed southeastward through the evening. Within the moderately unstable and weakly sheared environment, one storm in the western Panhandle produced damaging winds and flooding.**

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**CIMARRON COUNTY --- 3.9 WSW REGNIER [36.95, -102.91]**

07/20/20 17:38 CST	0	Hail (0.88 in)
07/20/20 17:38 CST	0	Source: Emergency Manager

Nickel size hail fell 5 miles northeast of Kenton.

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**TEXAS COUNTY --- 10.6 NE EVA [36.92, -101.78]**

07/20/20 21:40 CST	0	Thunderstorm Wind (MG 52 kt)
07/20/20 21:45 CST	0	Source: Mesonet

The Oklahoma Mesonet station 12 miles northeast of Eva measured gusts in the 59 to 60 MPH range during this time period. The highest gust of 60 MPH occurred at 0214CST.

**Scattered thunderstorms developed during the late afternoon and evening along a surface low pressure trough which was oriented from southwest to northeast across the western Oklahoma Panhandle. A few storms produced hail or strong winds during the evening across the western half of the Oklahoma Panhandle within an unstable but poorly sheared environment.**

### TEXAS, North Panhandle

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**(TX-Z008) HUTCHINSON, (TX-Z009) ROBERTS, (TX-Z010) HEMPHILL, (TX-Z013) CARSON, (TX-Z014) GRAY, (TX-Z015) WHEELER, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL COUNTY, (TX-Z018) ARMSTRONG**

07/01/20 00:00 CST	0	Drought
07/31/20 23:59 CST	0	

The far northwest Texas Panhandle had been in Severe Drought (D2) since May, 2020. After the drought worsened and spread in June, significant improvement occurred especially across the northwest half of the Texas Panhandle in July as monsoon rainfall led to 125 to 200 percent above normal rainfall for many areas. This equated to rainfall of 1 to 2 inches above normal for the month and significant drought improvement if not drought removal in those areas. Meanwhile, portions of the southeast Texas Panhandle received below normal rainfall up to around 50 percent of normal, which equated to 1 to 2 inch deficits in July. This led to drought worsening and spread in these areas. By the end of the month, the Severe Drought (D2) continued across portions of the far southern and southeastern Texas Panhandle and pockets of Extreme Drought (D3) remained as well.

Some of the impacts to agriculture included but were not limited to the following. Corn especially, was largely harvested for silage in order to plant a secondary crop. Cotton crop had already been stunted even in areas that received meaningful rain towards the end of the month. Irrigation was in full use especially in West Texas to include Oldham, Deaf Smith, Randall, and Armstrong County in the Texas Panhandle where drought conditions continue to persist. Water supply for livestock continued to be low for much of the area in persistent D1 to D3 categories.

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**(TX-Z011) OLDHAM, (TX-Z012) POTTER**

07/01/20 00:00 CST	0	Drought
07/28/20 23:59 CST	0	

The far northwest Texas Panhandle had been in Severe Drought (D2) since May, 2020. After the drought worsened and spread in June, significant improvement occurred especially across the northwest half of the Texas Panhandle in July as monsoon rainfall led to 125 to 200 percent above normal rainfall for many areas. This equated to rainfall of 1 to 2 inches above normal for the month and significant drought improvement if not drought removal in those areas. Meanwhile, portions of the southeast Texas Panhandle received below normal rainfall up to around 50 percent of normal, which equated to 1 to 2 inch deficits in July. This led to drought worsening and spread in these areas. By the end of the month, the Severe Drought (D2) continued across portions of the far southern and southeastern Texas Panhandle and pockets of Extreme Drought (D3) remained as well.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Some of the impacts to agriculture include but were not limited to the following. Corn especially, was largely harvested for silage in order to plant a secondary crop. Cotton crop had already been stunted even in areas that received meaningful rain towards the end of the month. Irrigation was in full use especially in West Texas to include Oldham, Deaf Smith, Randall, and Armstrong County in the Texas Panhandle where drought conditions continue to persist. Water supply for livestock continued to be low for much of the area in persistent D1 to D3 categories.

(TX-Z001) DALLAM, (TX-Z002) SHERMAN, (TX-Z003) HANSFORD, (TX-Z004) OCHILTREE, (TX-Z006) HARTLEY

07/01/20 00:00 CST	0	Drought
07/21/20 23:59 CST	0	

The far northwest Texas Panhandle had been in Severe Drought (D2) since May, 2020. After the drought worsened and spread in June, significant improvement occurred especially across the northwest half of the Texas Panhandle in July as monsoon rainfall led to 125 to 200 percent above normal rainfall for many areas. This equated to rainfall of 1 to 2 inches above normal for the month and significant drought improvement if not drought removal in those areas. Meanwhile, portions of the southeast Texas Panhandle received below normal rainfall up to around 50 percent of normal, which equated to 1 to 2 inch deficits in July. This led to drought worsening and spread in these areas. By the end of the month, the Severe Drought (D2) continued across portions of the far southern and southeastern Texas Panhandle and pockets of Extreme Drought (D3) remained as well.

Some of the impacts to agriculture include but are not limited to the following. Corn especially, was largely harvested for silage in order to plant a secondary crop. Cotton crop had already been stunted even in areas that received meaningful rain towards the end of the month. Irrigation was in full use especially in West Texas to include Oldham, Deaf Smith, Randall, and Armstrong County in the Texas Panhandle where drought conditions continued to persist. Water supply for livestock continues to be low for much of the area in persistent D1 to D3 categories.

GRAY COUNTY --- 1.0 S PAMPA [35.52, -100.97], 1.5 NNE PAMPA [35.55, -100.96]

07/04/20 14:45 CST	0	Hail (1.50 in)
07/04/20 14:52 CST	0	Source: Public

Quarter to ping pong size hail fell across portions of Pampa.

ARMSTRONG COUNTY --- 15.2 SSE GOODNIGHT [34.82, -101.12]

07/04/20 15:23 CST	0	Thunderstorm Wind (MG 56 kt)
07/04/20 15:23 CST	0	Source: Mesonet

This gust was measured at the JA Ranch West Texas Mesonet station located 4 miles east of Palo Duro.

OLDHAM COUNTY --- 26.0 NW ADRIAN [35.57, -102.96]

07/04/20 21:06 CST	0	Thunderstorm Wind (MG 62 kt)
07/04/20 21:06 CST	0	Source: Mesonet

This gust was measured at the West Texas Mesonet station 11 miles south-southwest of Romero.

Scattered thunderstorms developed during the afternoon across the southeast quarter of the Texas Panhandle along a residual outflow boundary. Sufficient instability led to some of these storms becoming severe with large hail and wind being observed. Later, during the evening, thunderstorms moving from eastern New Mexico congealed into a line across the western Texas Panhandle, with one severe gust reported.

DEAF SMITH COUNTY --- BOOTLEG [34.83, -102.81]

07/05/20 18:33 CST	0	Hail (1.50 in)
07/05/20 18:33 CST	0	Source: Law Enforcement

Ping pong ball size hail fell in Bootleg.

An isolated thunderstorm developed in an unstable airmass along a outflow heating boundary. As an upper-level disturbance arrived, instability increased within an already unstable airmass, providing additional support for thunderstorm development.

(TX-Z020) COLLINGSWORTH

07/07/20 00:00 CST	0	Drought
07/31/20 23:59 CST	0	

The far northwest Texas Panhandle had been in Severe Drought (D2) since May, 2020. After the drought worsened and spread in June, significant improvement occurred especially across the northwest half of the Texas Panhandle in July as monsoon rainfall led to 125 to 200 percent above normal rainfall for many areas. This equated to rainfall of 1 to 2 inches above normal for the month and significant

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drought improvement if not drought removal in those areas. Meanwhile, portions of the southeast Texas Panhandle received below normal rainfall up to around 50 percent of normal, which equated to 1 to 2 inch deficits in July. This led to drought worsening and spread in these areas. By the end of the month, the Severe Drought (D2) continued across portions of the far southern and southeastern Texas Panhandle and pockets of Extreme Drought (D3) remained as well.

Some of the impacts to agriculture include but were not limited to the following. Corn especially, was largely harvested for silage in order to plant a secondary crop. Cotton crop had already been stunted even in areas that received meaningful rain towards the end of the month. Irrigation was in full use especially in West Texas to include Oldham, Deaf Smith, Randall, and Armstrong County in the Texas Panhandle where drought conditions continue to persist. Water supply for livestock continued to be low for much of the area in persistent D1 to D3 categories.

**(TX-Z013) CARSON**

07/09/20 12:30 CST	0	Wildfire
07/09/20 18:01 CST	0	

The Arrington wildfire began around 1230CST about three miles southeast of Skellytown Texas in Carson County. There were no reports of any homes or other structures threatened, damaged or destroyed by the wildfire. There were also no reports of any injuries or fatalities. The wildfire consumed four hundred and ninety-seven acres. The Borger Fire Department, the Crutch Ranch VFD, the Fritch VFD, the Hoover VFD, the Pampa Fire Department, the Skellytown VFD, the Texas A&M Forest Service, the Turnersville VFD, and the White Deer VFD responded to the wildfire. The wildfire was contained around 1600CST and brought under control around 1801CST.

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

07/09/20 12:42 CST	0	Excessive Heat
07/14/20 18:04 CST	0	

A combination of drought conditions, strong high pressure ridging over the area, and southwest down-sloping low level winds led to hot conditions for several days across the Panhandles. Amarillo also reached the second hottest daily maximum temperature ever by hitting 110 degrees on July 13th. Widespread temperatures of 105 to 109 degrees occurred across much the Panhandles, but Palo Duro Canyon reached excessive heat levels in excess of 110 degrees on multiple days during this stretch providing dangerous conditions for hikers in the state park.

**(TX-Z007) MOORE**

07/09/20 13:00 CST	0	Wildfire
07/09/20 17:00 CST	0	

The Lew Haile Road Hay Truck and Grass wildfire began around 1300CST about twelve miles south southeast of Sunray Texas in Moore County. The wildfire consumed approximately one thousand acres. There were no reports of any homes or other structures threatened, damaged or destroyed by the wildfire and there were no reports of any injuries or fatalities. The Dumas Fire Department and the Sunray Fire Department responded to the wildfire. The wildfire was contained and brought under control around 1700CST.

**(TX-Z007) MOORE**

07/11/20 13:00 CST	0	Wildfire
07/17/20 14:00 CST	0	

The Blue Creek wildfire began around 1300CST about seven miles north of Lake Meredith in Moore County. The wildfire consumed forty-three hundred and fifty-five acres. There were no homes or other structures threatened, damaged, or destroyed by the wildfire. There also no reports of injuries or fatalities. The Texas A&M Forest Service along with the Skellytown VFD, the Cactus Fire Department, the Dumas Fire Department, the Fritch VFD, the Borger Fire Department, the Stinnett VFD, Potter County Fire-Rescue, the Sunray Fire Department, and the Turnersville VFD responded to the wildfire. The cause of the wildfire was investigated but undetermined. The wildfire was contained and controlled by 1400CST on July 17.

**(TX-Z008) HUTCHINSON**

07/11/20 16:50 CST	0	Wildfire
07/16/20 15:00 CST	0	

The Lightning West wildfire began about twelve miles east southeast of Plemons Texas in Hutchinson County around 1650CST. The wildfire consumed six thousand five hundred and ten acres. The cause of the wildfire was determined to be from lightning. There were two homes and two other structures threatened by the wildfire but were saved. There were also no reports of any injuries or fatalities. The Texas A&M Forest Service along with the Booker VFD, the Fritch VFD, Hardin County ESD #5, the Skellytown VFD, Borger Fire Department, Crutch Ranch VFD, the Hoover VFD, Miami/Roberts County VFD, Panhandle Fire Department, Perryton Fire Department, and White Deer VFD responded to the wildfire. The wildfire was contained around 2000CST on July 12 and brought under control around 1500CST on July 16.

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<b>(TX-Z008) HUTCHINSON, (TX-Z009) ROBERTS</b>				
	07/11/20 18:01 CST		0	Wildfire
	07/13/20 15:00 CST	1	0	
<p>The Campbell Road wildfire began around 1801CST about twelve miles north northeast of Skellytown Texas in Hutchinson County. There was a report that one home was threatened by the wildfire but was saved, otherwise there were no reports of any homes or other structures threatened. There was a report of one injury, however no fatalities were reported. The wildfire consumed thirty-one hundred acres and spread into western Roberts County where the Texas A&amp;M Forest Service received a request for assistance. The cause of the wildfire was determined to be from lightning. The Skellytown VFD, the Booker VFD, the Hoover VFD, the Miami/Roberts County VFD, the Panhandle Fire Department, the Perryton Fire Department, the White Deer VFD, and the Texas A&amp;M Forest Service responded to the wildfire. The wildfire was contained and controlled by 1500CST on July 13.</p>				
<b>RANDALL COUNTY --- 5.0 SW AMARILLO [35.16, -101.89], 5.0 SW AMARILLO [35.16, -101.89]</b>				
	07/11/20 18:59 CST		0	Tornado (EF0, L: 0.14 mi , W: 45 yd)
	07/11/20 19:00 CST		0	Source: NWS Storm Survey
<p>A weak landspout tornado briefly touched down on the southwest side of Amarillo. The tornado did minimal damage to trees, fences and sheds in a subdivision in the area. The tornado was on the ground for less than 1 minute and traveled less than 1/4 mile.</p>				
<b>GRAY COUNTY --- 9.6 W ALANREED [35.23, -100.90]</b>				
	07/11/20 20:06 CST		0	Thunderstorm Wind (MG 58 kt)
	07/11/20 20:08 CST		0	Source: Mesonet
<p>The West Texas Mesonet station 2 miles northwest of Lake McClellan measured gusts in the 58 to 67 MPH range during this time period. The highest gust of 67 MPH occurred at 2006CST.</p>				
<b>GRAY COUNTY --- 9.6 W ALANREED [35.23, -100.90]</b>				
	07/11/20 22:47 CST		0	Thunderstorm Wind (MG 62 kt)
	07/11/20 22:48 CST		0	Source: Mesonet
<p>The West Texas Mesonet station 2 miles northwest of Lake McClellan measured gusts in the 63 to 71 MPH range during this time period. The highest gust of 71 MPH occurred at 2247CST.</p> <p>Surface temperatures rising well above 100 degrees Fahrenheit led to high instability. Scattered thunderstorms developed during the late afternoon and evening along a stationary front within an unstable and strongly sheared atmosphere. During the early evening, one storm produced a brief landspout tornado in the south-central Texas Panhandle. Additional scattered thunderstorms developed across the Panhandle during the evening, with one storm in the southeast Panhandle producing strong winds during the late evening.</p>				
<b>(TX-Z002) SHERMAN</b>				
	07/11/20 21:05 CST		0	Wildfire
	07/12/20 01:00 CST		0	
<p>The CR 13 &amp; CR CC wildfire began around 2105CST about six miles northeast of Cactus Texas in Sherman County. The cause of the wildfire was determined to be from lightning. The Sunray Fire Department, the Dumas Fire Department, and the Stratford Fire Department responded to the wildfire. The wildfire consumed approximately three hundred acres. There were no reports of any homes or other structures threatened, damaged or destroyed by the wildfire. There were also no reports of any injuries or fatalities. The wildfire was contained around 0100CST on July 12.</p>				
<b>LIPSCOMB COUNTY --- 2.4 NNE FOLLETT [36.46, -100.11]</b>				
	07/13/20 01:34 CST		5K	Thunderstorm Wind (EG 83 kt)
	07/13/20 01:34 CST		0	Source: Trained Spotter
<p>A horse barn was destroyed by thunderstorm winds.</p> <p>Scattered thunderstorms moved southeast into the northern Texas Panhandle during the early morning hours. One storm in an unstable, highly sheared airmass over the northeast Texas Panhandle became severe and produced damaging winds.</p>				
<b>HANSFORD COUNTY --- 7.4 WNW GRUVER [36.30, -101.53], 6.1 WNW GRUVER [36.29, -101.50]</b>				
	07/14/20 19:02 CST		0	Tornado (EFU, L: 1.34 mi , W: 50 yd)
	07/14/20 19:06 CST		0	Source: Storm Chaser
<p>The tornado touched down in open country around 7 miles west-northwest of Gruver, and while it appeared weak, it encountered no damage indicators for a rating. The tornado was on the ground for around 4 minutes before dissipating. Confirmation of the touch down was based on photographic evidence from a storm chaser and also a local rancher in the area.</p>				

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<b>HANSFORD COUNTY --- 0.9 SE MORSE [36.06, -101.47]</b>				
	07/14/20 19:09 CST		0	Thunderstorm Wind (EG 70 kt)
	07/14/20 19:09 CST		0	Source: Social Media
In Morse, thunderstorm winds caused damage to grain bins and fences. Two large trees were downed.				
<b>HANSFORD COUNTY --- 0.9 SW GRUVER [36.26, -101.41]</b>				
	07/14/20 19:18 CST		0	Thunderstorm Wind (EG 74 kt)
	07/14/20 19:18 CST		0	Source: Law Enforcement
On the west side of Gruver, a power pole was half knocked over at 5th and Front Streets. A street tank was displaced 50 feet. A steel fence was displaced 120 feet. The time of occurrence has been estimated from radar data.				
<b>HANSFORD COUNTY --- 11.1 N SPEARMAN [36.36, -101.18]</b>				
	07/14/20 19:38 CST		0	Thunderstorm Wind (MG 55 kt)
	07/14/20 19:44 CST		0	Source: Mesonet
The West Texas Mesonet station 1 mile northwest of Palo Duro Reservoir measured gusts in the 59 to 63 MPH range during this time period. The highest gust of 63 MPH occurred at 19:41.				
<b>OCHILTREE COUNTY --- 1.8 WNW PERRYTON [36.41, -100.83]</b>				
	07/14/20 20:11 CST		0	Thunderstorm Wind (EG 70 kt)
	07/14/20 20:11 CST		0	Source: Broadcast Media
At 2 miles northwest of Perryton, the roof of a hay barn was partially blown off.				
<b>OCHILTREE COUNTY --- 6.8 SSE PERRYTON MUNI ARPT [36.31, -100.70]</b>				
	07/14/20 20:25 CST		0	Thunderstorm Wind (EG 70 kt)
	07/14/20 20:25 CST		0	Source: Law Enforcement
At 8 miles southeast of Perryton, the roofs of several hog buildings were partially blown off at County Road 24, 3 miles north of FM Road 2711.				
<b>OCHILTREE COUNTY --- 4.7 NNE TWICHELL [36.49, -100.68]</b>				
	07/14/20 20:27 CST		0	Thunderstorm Wind (EG 61 kt)
	07/14/20 20:27 CST		0	Source: Broadcast Media
At 10 miles northeast of Perryton, the net covering was lifted from game pens.				
<p><b>None. Record warm temperatures, a weak frontal boundary in the area and an upper level disturbance moving around the north side of a area of high pressure to the southwest led to the development of a storm complex which moved east across the northern Texas Panhandle during the evening. A weak tornado developed briefly near Gruver in the north-central Panhandle along the leading edge of a strengthening line of thunderstorms. The broken line of thunderstorms continued moving east through the north-central and northeast Panhandle during the evening, with some storms producing strong and damaging winds.</b></p>				
<b>OLDHAM COUNTY --- 26.0 NW ADRIAN [35.57, -102.96]</b>				
	07/15/20 20:31 CST		0	Thunderstorm Wind (MG 54 kt)
	07/15/20 20:31 CST		0	Source: Mesonet
A 64 mph gust was measured at the West Texas Mesonet station 11 miles south-southwest of Romero. No damage was reported.				
<b>SHERMAN COUNTY --- 2.3 WNW MALLETT [36.36, -102.14]</b>				
	07/16/20 00:04 CST		0	Thunderstorm Wind (MG 50 kt)
	07/16/20 00:04 CST		0	Source: Mesonet
A 58 mph gust was measured at the West Texas Mesonet station 4 miles west-northwest of Stratford. No damage was reported.				
<p><b>Clusters of thunderstorms associated with monsoon moisture and an upper level disturbance moved east into the western Texas Panhandle during the evening of July 15 and evolved into a mesoscale convective complex. A few storms produced severe gusts in the northwest and west-central Texas Panhandle during the late evening of July 15 and the early morning hours of July 16.</b></p>				
<b>SHERMAN COUNTY --- 1.8 ESE MALLETT [36.34, -102.07]</b>				

## Storm Data and Unusual Weather Phenomena - July 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/19/20 19:19 CST		0	Hail (1.00 in)
	07/19/20 19:19 CST		0	Source: Emergency Manager

Quarter size hail fell in Stratford.

**Scattered thunderstorms developed during the evening across the Texas Panhandle, with most storms being confined to the northwest half of the Panhandle. Storms formed along a surface low pressure trough within a moderately unstable and weakly sheared environment. One storm in the northwest Panhandle produced severe hail.**

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### ARMSTRONG COUNTY --- 15.2 SSE GOODNIGHT [34.82, -101.12]

07/21/20 15:53 CST	0	Thunderstorm Wind (MG 57 kt)
07/21/20 15:55 CST	0	Source: Mesonet

The JA Ranch West Texas Mesonet station located 4 miles east of Palo Duro measured gusts in the 59 to 66 MPH range. The highest gust of 66 MPH occurred at 1555CST.

None.

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### POTTER COUNTY --- 3.0 W AMARILLO [35.19, -101.87], 2.8 W AMARILLO [35.19, -101.87], 2.7 WSW AMARILLO [35.19, -101.87], 3.1 WSW AMARILLO [35.19, -101.87]

07/23/20 13:14 CST	0	Flood (due to Heavy Rain)
07/23/20 13:50 CST	0	Source: Broadcast Media

Urban flooding consisting mainly of curb to curb street flooding was reported by local broadcast media at Blackburn Street and Virginia Court in Amarillo.

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### WHEELER COUNTY --- 0.7 NW KELLERVILLE [35.38, -100.51], 0.6 NNE KELLERVILLE [35.38, -100.50], 0.4 SSE KELLERVILLE [35.36, -100.50], 0.6 WSW KELLERVILLE [35.37, -100.51]

07/23/20 16:00 CST	0	Flood (due to Heavy Rain)
07/23/20 17:15 CST	0	Source: Broadcast Media

Broadcast media aired video of flooding in Kellerville on their early evening newscast.

**Scattered thunderstorms developed during the afternoon across the Texas Panhandle within a moist, moderately unstable but poorly sheared atmosphere. Some of the slow-moving storms produced heavy rains, leading to localized flooding.**

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

07/27/20 19:43 CST	0	Thunderstorm Wind (MG 50 kt)
07/27/20 19:43 CST	0	Source: Mesonet

A 58 mph gust was measured at the West Texas Mesonet station 15 miles north-northwest of Amarillo. No damage was reported.

**Scattered to numerous thunderstorms developed across the Texas Panhandle during the afternoon and evening within a very moist post-frontal environment associated with a monsoon moisture plume. While a lack of wind shear did not support most storms becoming severe, one storm in the south-central Panhandle did produce a severe wind gust.**