

## Storm Data and Unusual Weather Phenomena - June 2014

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

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**(OK-Z001) CIMARRON, (OK-Z002) TEXAS, (OK-Z003) BEAVER**

06/01/14 00:00 CST	0	Drought
06/30/14 23:59 CST	0	

The wet summer pattern continued through June for most of the Oklahoma Panhandle, but rainfall remained much below normal in the western Panhandle. Monthly rainfall totals ranged from less than 1 half inch in the western Panhandle to greater than 6 inches in the eastern Panhandle. Widespread Exceptional (D4) Drought conditions at the start of June improved to a mix of Severe (D2) to Exceptional Drought conditions at the end of the month. Guymon recorded 2.34 inches of precipitation for the month (0.60 inches below normal).

Soil moisture was rated from very short to adequate by the end of June. Crops were mostly benefiting from the rains, but were running behind in areas that were too wet or too dry. Rangeland and pasture continued to be rated mostly poor to very poor, but some rangeland was greening up. Cattle continued to improve, but herd sizes remained limited due to prolonged drought. Upper soil zones were greater than 40 percent full in the central and eastern Oklahoma Panhandle and between 20 to 30 percent full in the western Panhandle. Deeper soil zones were still drier, rated between 10 to 30 percent full. The Palmer Drought Severity Index indicated a rating of Moderate Drought conditions for the Oklahoma Panhandle. No burn bans were in effect.

Reservoirs and stream flows across the majority of the Oklahoma Panhandle were at below normal levels through the month, but eastern streams were near normal at the end of June.

Economic losses due to the drought through June were predominately the result of supplemental watering in the driest areas and supplemental feed for cattle on drought-thinned rangeland and pastures.

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**BEAVER COUNTY --- 4.9 W BEAVER [36.82, -100.61], 4.0 ENE ELMWOOD [36.65, -100.46]**

06/01/14 02:35 CST	0	Hail (1.75 in)
06/01/14 02:40 CST	0	Source: Emergency Manager

A supercell thunderstorm approached the city of Beaver (Beaver County) during the early morning hours of the 1st. As the thunderstorm moved over State Highway 23, the County Emergency Manager reported golf ball size hail (1.75 inches) covering the highway from bar ditch to bar ditch. This thunderstorms continued moving to the southeast after producing this hail.

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**BEAVER COUNTY --- 5.4 NE FLORIS [36.92, -100.63], 2.7 NNW BEAVER [36.86, -100.53]**

06/01/14 03:05 CST	0	Hail (1.00 in)
06/01/14 03:10 CST	0	Source: Emergency Manager

A supercell thunderstorm moved across Beaver County, north of the town of Beaver, during the early morning hours of the 1st. The core of this thunderstorm began to descend while nearing the town of Beaver, and the County Emergency Manager reported hail up to the size of quarters (1.00 inch). Having become downdraft dominated after moving over the town of Beaver (Beaver County), the thunderstorm quickly diminished below severe levels as it moved into the southeastern corner of Beaver County.

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**BEAVER COUNTY --- 3.6 WNW BEAVER [36.84, -100.58], 3.6 ESE BEAVER [36.79, -100.46]**

06/01/14 03:27 CST	0	Hail (1.00 in)
06/01/14 03:34 CST	0	Source: Emergency Manager

A supercell thunderstorm moved across the town of Beaver (Beaver County) during the early morning hours of the 1st. The core of this thunderstorm descended while over the town of Beaver, and the County Emergency Manager reported hail up to the size of quarters (1.00 inch). Having become downdraft dominated the thunderstorm quickly diminished below severe levels as it moved into the southeastern corner of Beaver County.

**A shortwave trough moved east of the Rocky Mountains during the early morning hours of the 1st. The synoptic lift provided by the shortwave combined with an unstable environment across western Kansas to initiate thunderstorms. These thunderstorms traveled southeastward out of southwestern Kansas into the eastern Oklahoma Panhandle around 1:45 AM CST. Hail up to the size of golfballs was reported as these thunderstorms traversed the eastern Oklahoma Panhandle. By 4 AM CST, the thunderstorms had diminished below severe levels and completely dissipated by 6:30 AM CST.**

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**TEXAS COUNTY --- 10.3 SE EVA [36.68, -101.79], 10.0 ESE EVA [36.74, -101.74]**

06/06/14 13:44 CST	0	Hail (0.75 in)
06/06/14 13:46 CST	0	Source: Public

A discrete thunderstorm developed over Texas County during the early afternoon hours of the 6th. The thunderstorm intensified quickly then became downdraft dominated. A member of the public 12 miles north of Texhoma (Texas County) was underneath this downdraft and reported penny size hail (0.75 inch). The thunderstorms quickly diminished after producing this hail.

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<b>BEAVER COUNTY --- TURPIN [36.87, -100.88], 3.2 ENE TURPIN [36.89, -100.83]</b>				
	06/06/14 19:20 CST		0	Hail (0.88 in)
	06/06/14 19:21 CST		0	Source: Emergency Manager
<p>A line of thunderstorms moved across the eastern Oklahoma Panhandle during the evening hours of the 6th. As the line moved over the town of Turpin (Beaver County), the County Emergency Manager reported nickel size hail (0.88 inch) in the town of Turpin (Beaver County). After producing this hail, the line of thunderstorms continued moving eastward and entered western Oklahoma around 10 PM CST.</p>				
<b>BEAVER COUNTY --- 5.0 E SLAPOUT [36.63, -100.03], 11.5 E SLAPOUT [36.64, -99.91]</b>				
	06/06/14 19:30 CST		0	Hail (2.50 in)
	06/06/14 19:32 CST		0	Source: Emergency Manager
<p>A line of thunderstorms moved across the eastern Oklahoma Panhandle during the evening hours of the 6th. As the line approached the town of Slapout (Beaver County), the County Emergency Manager reported tennis ball size hail (2.50 inches) 5 miles east of Slapout (Beaver County). After producing this hail, the line of thunderstorms continued moving eastward and entered western Oklahoma around 10 PM CST.</p> <p><b>The combination of a stationary front, upper level shortwave, and an unstable environment helped to initiate thunderstorms across the Oklahoma Panhandle during the evening hours of the 6th. An isolated storm developed during the early afternoon hours over the central Oklahoma Panhandle. After a brief lull in activity a line of thunderstorms developed over southwestern Kansas and moved into the Oklahoma Panhandle. This line would go on to move across the Oklahoma Panhandle before exiting around 9 PM CST.</b></p>				
<b>BEAVER COUNTY --- 5.9 NW BOYD [36.77, -100.88], 5.2 N BOYD [36.77, -100.83], 4.0 N BOYD [36.76, -100.82], 3.5 NNW BOYD [36.75, -100.85]</b>				
	06/06/14 19:40 CST		0	Flash Flood (due to Heavy Rain)
	06/06/14 22:00 CST		0	Source: Emergency Manager
<p>A line of intense rain producing thunderstorms moved over Beaver County during the evening hours of the 6th. This rain led to flash flooding on US Highway 83 near the Beaver River Bridge (Beaver County). The highway was closed for a few hours before reopening as the thunderstorms moved into western Oklahoma.</p>				
<b>BEAVER COUNTY --- 7.7 ESE BEAVER [36.78, -100.39], 5.7 SE BEAVER [36.77, -100.44], 3.0 E BEAVER [36.81, -100.47], 9.0 E BEAVER [36.82, -100.36]</b>				
	06/06/14 21:15 CST		0	Flash Flood (due to Heavy Rain)
	06/06/14 22:00 CST		0	Source: Emergency Manager
<p>A line of intense rain producing thunderstorms moved over Beaver County during the evening hours of the 6th. This rain led to flash flooding on rural roads 8 miles east southeast of the town of Beaver (Beaver County). Flash flooding subsided not long after developing as the thunderstorms moved into western Oklahoma.</p> <p><b>The combination of a stationary front, upper level shortwave, and a moist environment led to the development of flash flooding over portions of Beaver County during the evening hours of the 6th. A line of thunderstorms moved across Beaver County and produced intense rainfall. The flash flooding dissipated as the line moved into western Oklahoma.</b></p>				
<b>(OK-Z002) TEXAS</b>				
	06/09/14 11:33 CST		0	High Wind (MAX 52 kt)
	06/09/14 12:39 CST		0	
<p>A cold front moved through the Oklahoma Panhandle during the early morning hours of the 9th. The stronger surface pressure gradient and a well-mixed boundary layer allowed strong winds aloft reach the ground around midday. Multiple high wind gusts were reported across Texas County. The highest gust was 60 mph observed at the Oklahoma Mesonet site 2 miles east of Goodwell (Texas County). By the early afternoon, the surface pressure gradient decreased sufficiently to prevent any further high wind gusts.</p> <p>The following is a list of high wind gusts across Texas County: 58 mph gust 2 miles west of Guymon at 11:33 AM CST; 60 mph gust 2 miles east of Goodwell at 11:55 PM CST; 58 mph gust 1 mile west of Hooker at 12:20 PM CST; and 59 mph 2 miles west of Guymon at 12:38 PM CST.</p>				
<b>BEAVER COUNTY --- 1.5 SSW BEAVER [36.80, -100.53]</b>				
	06/11/14 20:30 CST		0	Thunderstorm Wind (MG 50 kt)
	06/11/14 23:31 CST		0	Source: Mesonet
<p>A thunderstorm developed over the western portion of Beaver County during the late evening hours of the 11 th. As the storm tracked eastward and approached the town of Beaver (Beaver County), the Oklahoma Mesonet site 1 mile south-southwest of Beaver (Beaver County) reported a 58 mph thunderstorm downburst. After producing this downburst the storm continued to move eastward across the county.</p>				
<b>BEAVER COUNTY --- ELMWOOD [36.62, -100.52]</b>				

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	06/11/14 20:33 CST		0	Thunderstorm Wind (EG 61 kt)
	06/11/14 20:34 CST		0	Source: Emergency Manager

A thunderstorm developed over the western portion of Beaver County during the late evening hours of the 11 th. As the storm tracked eastward and approached the town of Elmwood (Beaver County), the Emergency Manager reported an estimated 70 mph thunderstorm downburst. After producing this downburst the storm continued to move eastward across the county.

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### BEAVER COUNTY --- ELMWOOD [36.62, -100.52], 3.6 E ELMWOOD [36.62, -100.45]

06/11/14 20:33 CST	0	Hail (1.00 in)
06/11/14 20:35 CST	0	Source: Emergency Manager

A thunderstorm developed over the western portion of Beaver County during the late evening hours of the 11 th. As the storm tracked eastward and approached the town of Elmwood (Beaver County), the Emergency Manager, reported quarter size hail (1.00 inches) in town. After producing this hail the storm continued to move eastward across the county.

**The combination of a surface cold front moving southeastward out of Colorado and an upper level shortwave brought a round of severe thunderstorms to the Oklahoma Panhandle during the overnight hours of the 11th. Moderate deep shear made up for marginal instability to allow storms to reach severe levels as they moved across the eastern Oklahoma Panhandle. The cold front which helped to initiate these storms moved into Western Oklahoma shortly before midnight on the 12th and brought an end to the severe threat for the Panhandle.**

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### BEAVER COUNTY --- 0.9 NW FORGAN [36.91, -100.54], 3.3 SE FORGAN [36.87, -100.48]

06/14/14 23:57 CST	0	Hail (1.50 in)
06/14/14 23:59 CST	0	Source: Emergency Manager

The southern end of a line of thunderstorms moving across the Central Plains entered northern Beaver County around 11:30 PM CST. This line moved east-southeast across the county, and approached the town of Forgan (Beaver County). When the line reached Forgan (Beaver County), the Beaver County Emergency Manager reported ping pong ball size hail (1.50 inches) in town. The line continued to move to the east-southeast across the county after producing this hail, but no additional reports of severe weather were relayed.

**Northeastern Beaver County experienced a glancing blow from a line of thunderstorms during the late night hours of the 14th and the early morning hours of the 15th. Low level capping had limited convective development during the evening hours across the Oklahoma Panhandle and western Kansas. The combination of a cold front and a shortwave trough emerging from eastern Colorado provided the large scale forcing necessary to overcome the capping inversion for storms to tap into moderate elevated instability around 11 PM CST. Discrete thunderstorms developed over the northern portion of Beaver County and produced severe level hail before quickly congealing into a line moving across western Kansas. The southern portion of the line eventually moved over the eastern part of Beaver County before entering western Oklahoma by 1:30 AM CST.**

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### BEAVER COUNTY --- 0.6 E KNOWLES [36.87, -100.17]

06/22/14 15:22 CST	0	Thunderstorm Wind (EG 56 kt)
06/22/14 15:25 CST	0	Source: Emergency Manager

A slow moving supercell developed over northern Beaver County during the afternoon hours of the 22nd. As the supercell moved east of the town of Knowles, the Beaver County Emergency Manager reported an estimated 65 mph downburst blew down five telephone poles 1 mile east of Knowles (Beaver County). After producing this damage the supercell continued slowly moving to the south across the county.

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### BEAVER COUNTY --- 0.6 W KNOWLES [36.87, -100.19], 2.3 SSW KNOWLES [36.84, -100.19]

06/22/14 15:55 CST	0	Hail (1.75 in)
06/22/14 15:56 CST	0	Source: Newspaper

A slow moving supercell developed over northern Beaver County during the afternoon hours of the 22nd. As the supercell moved over of the town of Knowles (Beaver County), the Woodward News reported hail up to the size of golf balls (1.75 inches). After producing this hail the supercell continued slowly moving to the south across the county.

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### BEAVER COUNTY --- 2.6 ENE CLEAR LAKE [36.70, -100.23], 2.3 E CLEAR LAKE [36.68, -100.23]

06/22/14 16:37 CST	0	Hail (1.00 in)
06/22/14 16:38 CST	0	Source: Emergency Manager

A slow moving supercell developed over northern Beaver County during the afternoon hours of the 22nd. As the supercell neared the town of Slapout (Beaver County), County Emergency Manager reported quarter size hail (1.00 inch) eight miles northwest of Slapout (Beaver County). After producing this hail the supercell continued slowly moving to the south across the county.

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### BEAVER COUNTY --- 3.1 S CLEAR LAKE [36.64, -100.27], 3.8 NW LOGAN [36.61, -100.27]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/22/14 16:42 CST		0	Tornado (EF0, L: 2.01 mi , W: 100 yd)
	06/22/14 16:50 CST		0	Source: NWS Storm Survey

A slow moving supercell thunderstorm moved southward across the eastern Oklahoma Panhandle during the evening hours of the 22nd. This supercell produced multiple brief tornadoes over the course of several hours. This tornado developed across eastern Beaver County near Slapout (Beaver County). The tornado caused minor damage to an old barn as well as minor roof damage to a manufactured home. A few outbuildings were also damaged as the tornado drifted south across US. Highway 412. The winds were estimated at 80 mph. After producing this tornado, the parent supercell continued moving southward across the eastern Oklahoma Panhandle.

**BEAVER COUNTY --- 6.9 E ELMWOOD [36.63, -100.40], 7.2 WNW LOGAN [36.59, -100.35]**

06/22/14 17:03 CST	0	Tornado (EF1, L: 3.77 mi , W: 150 yd)
06/22/14 17:13 CST	0	Source: NWS Storm Survey

A slow moving supercell thunderstorm moved southward across the eastern Oklahoma Panhandle during the evening hours of the 22nd. This supercell produced multiple brief tornadoes over the course of several hours. This tornado developed across eastern Beaver County roughly 12 miles west of Slapout (Beaver County). The tornado snapped nearly two dozen power poles and caused damage to a barn with the east wall and roof missing. It also damaged a center pivot irrigation system and caused additional roof and wall damage to a barn and house. The winds were estimated at 90 mph. After producing this tornado, the parent supercell continued moving southward across the eastern Oklahoma Panhandle.

**BEAVER COUNTY --- 3.0 NW LOGAN [36.60, -100.26]**

06/22/14 17:10 CST	0	Thunderstorm Wind (MG 57 kt)
06/22/14 17:12 CST	0	Source: Mesonet

A slow moving supercell developed over northern Beaver County during the afternoon hours of the 22nd. As the supercell neared the town of Slapout (Beaver County), the Oklahoma Mesonet site eight miles west of Slapout (Beaver County) measured a 66 mph thunderstorm downburst. After producing this downburst the supercell continued slowly moving to the south across the county.

**BEAVER COUNTY --- 9.8 SE ELMWOOD [36.52, -100.40], 10.3 SE ELMWOOD [36.51, -100.39]**

06/22/14 17:31 CST	0	Tornado (EF0, L: 0.44 mi , W: 50 yd)
06/22/14 17:32 CST	0	Source: NWS Storm Survey

A slow moving supercell thunderstorm moved southward across the eastern Oklahoma Panhandle during the evening hours of the 22nd. This supercell produced multiple brief tornadoes over the course of several hours. This tornado developed across eastern Beaver County near Elmwood (Beaver County). The tornado snapped the tops of trees and destroyed a metal garage completely. The winds were estimated at 75 mph. After producing this tornado, the parent supercell continued moving southward across the eastern Oklahoma Panhandle.

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

06/22/14 20:15 CST	0	Thunderstorm Wind (MG 56 kt)
06/22/14 20:17 CST	0	Source: Mesonet

A line of thunderstorms moved into the central Oklahoma Panhandle during the late evening hours of the 22nd. As the line neared the town of Goodwell (Texas County), the Oklahoma mesonet site 2 miles east of Goodwell (Texas County) reported a 64 mph downburst. After producing this downburst the line continued moving southward across the county.

**TEXAS COUNTY --- 2.0 E GOODWELL [36.60, -101.59]**

06/22/14 20:35 CST	0	Thunderstorm Wind (MG 50 kt)
06/22/14 20:37 CST	0	Source: Mesonet

A line of thunderstorms moved into the central Oklahoma Panhandle during the late evening hours of the 22nd. As the line neared the town of Goodwell (Texas County), the Oklahoma mesonet site 2 miles east of Goodwell (Texas County) reported a 58 mph downburst. After producing this downburst the line continued moving southward across the county.

**BEAVER COUNTY --- 3.0 NW LOGAN [36.60, -100.26]**

06/22/14 21:25 CST	0	Thunderstorm Wind (MG 52 kt)
06/22/14 21:27 CST	0	Source: Mesonet

A line of thunderstorms moved into the eastern Oklahoma Panhandle during the late evening hours of the 22nd. As the line neared the town of Slapout (Beaver County), the Oklahoma mesonet site 8 miles west of Slapout (Beaver County) reported a 60 mph downburst. After producing this downburst the line continued moving southward across the county.

**A favorable northwest flow aloft pattern and abundant moisture resulted in a round of severe convection for the 22nd and into the early morning hours of the 23rd. A discrete supercell developed over the eastern Oklahoma Panhandle during the early afternoon hours of the 22nd. This supercell would go on to produce several brief tornadoes and hail up to the size of tennis balls while slowly moving southward across the far eastern Oklahoma Panhandle. The outflow from this tornadic supercell interacted with discrete storms**

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developing along a southward moving cold front over western Kansas, and caused the storms to transition into a linear structure. This line would enter the central Oklahoma Panhandle around 8 PM CST before exiting by 10 PM CST.

**BEAVER COUNTY --- 2.1 SSW KNOWLES [36.84, -100.19], 1.5 SSW KNOWLES [36.85, -100.19], 1.4 SSE KNOWLES [36.85, -100.17], 2.6 S KNOWLES [36.83, -100.17], 2.8 S KNOWLES [36.83, -100.19]**

06/22/14 16:49 CST	0	Flash Flood (due to Heavy Rain)
06/22/14 19:00 CST	0	Source: Emergency Manager

A slow moving supercell produced a prolonged period of heavy rain over northern Beaver County near the town of Knowles (Beaver County). This heavy rain led to flash flooding 2 miles south of town. The Emergency Manager reported the flash flooding was covering the county roads south of town. These flood waters receded quickly once storms moved away from the area around 7 PM.

**BEAVER COUNTY --- 1.5 SW KNOWLES [36.85, -100.20], 1.2 S KNOWLES [36.85, -100.18], 1.8 S KNOWLES [36.84, -100.18], 1.9 SSW KNOWLES [36.84, -100.19]**

06/22/14 17:30 CST	0	Flash Flood (due to Heavy Rain)
06/22/14 19:00 CST	0	Source: Newspaper

A slow moving supercell produced a prolonged period of heavy rain over northern Beaver County near the town of Knowles (Beaver County). This heavy rain led to flash flooding 2 miles south of town. The Woodward News reported a county road south of the town of Knowles (Beaver County) was completely washed out. These flood waters receded quickly once storms moved away from the area around 7 PM.

**A round of flash flooding was experienced across Beaver County, Oklahoma during the afternoon hours of the 22nd. The flash flooding was the result of a slow moving supercell thunderstorm which produced an extended period of heavy rain across the county. The flash flooding came to an end once the supercell had moved into the northeastern Texas Panhandle around 8 PM CST.**

**TEXAS COUNTY --- 3.4 WNW TEXHOMA [36.51, -101.84]**

06/24/14 19:44 CST	0	Thunderstorm Wind (EG 52 kt)
06/24/14 19:45 CST	0	Source: Public

A cluster of thunderstorms moved out of southwestern Kansas and southeastern Colorado and into the central Oklahoma Panhandle during the evening hours of the 24th. As this cluster of storms moved near the town of Texhoma (Texas County), a member of the public 3 miles west of Texhoma (Texas County) reported an estimated 60 mph thunderstorm downburst. After producing this downburst the storm continued to move the south-southeast and entered the northern Texas Panhandle.

**Northwest flow aloft allowed several weak upper level shortwave troughs to move across the Panhandle on the 24th. This upper air pattern is associated with active weather for the Oklahoma Panhandle. Typically with this pattern storms develop over southeastern Colorado and move southeastward into the Panhandle. This track coupled with marginal to moderate instability caused the development of severe thunderstorms off and on through the day.**

**CIMARRON COUNTY --- 0.7 S KEYES [36.81, -102.25]**

06/30/14 19:00 CST	0	Thunderstorm Wind (EG 61 kt)
06/30/14 19:01 CST	0	Source: Public

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Keyes (Cimarron County), the Oklahoma Mesonet site in Keyes (Cimarron County) reported a 70 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

**CIMARRON COUNTY --- 3.0 SSE BOISE CITY [36.69, -102.50]**

06/30/14 19:10 CST	0	Thunderstorm Wind (MG 63 kt)
06/30/14 19:11 CST	0	Source: Mesonet

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Boise City (Cimarron County), the Oklahoma Mesonet site 3 miles south-southeast of Boise City (Cimarron County) reported a 73 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

**CIMARRON COUNTY --- 3.0 SSE BOISE CITY [36.69, -102.50]**

06/30/14 19:15 CST	0	Thunderstorm Wind (MG 52 kt)
06/30/14 19:16 CST	0	Source: Mesonet

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Boise City (Cimarron County), the Oklahoma Mesonet site 3 miles south-southeast of Boise City (Cimarron County) reported a 60 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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<b>CIMARRON COUNTY --- 7.6 N GRIGGS [36.71, -102.12]</b>				
	06/30/14 19:15 CST		0	Thunderstorm Wind (EG 61 kt)
	06/30/14 19:16 CST		0	Source: Public
A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Keyes (Cimarron County), a member of the public reported that an estimated 70 mph downburst gust blew several trees down and broke off several branches 10 miles southeast of Keys (Cimarron County). After producing this downburst the cluster of thunderstorms continued to move to the southeast.				
<b>CIMARRON COUNTY --- 3.0 SSE BOISE CITY [36.69, -102.50]</b>				
	06/30/14 19:20 CST		0	Thunderstorm Wind (MG 52 kt)
	06/30/14 19:21 CST		0	Source: Mesonet
A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Boise City (Cimarron County), the Oklahoma Mesonet site 3 miles south-southeast of Boise City (Cimarron County) reported a 60 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.				
<b>CIMARRON COUNTY --- 3.0 SSE BOISE CITY [36.69, -102.50]</b>				
	06/30/14 19:25 CST		0	Thunderstorm Wind (MG 54 kt)
	06/30/14 19:26 CST		0	Source: Mesonet
A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Boise City (Cimarron County), the Oklahoma Mesonet site 3 miles south-southeast of Boise City (Cimarron County) reported a 62 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.				
<b>TEXAS COUNTY --- 5.5 N GUYMON [36.76, -101.48]</b>				
	06/30/14 20:00 CST		0	Thunderstorm Wind (EG 56 kt)
	06/30/14 20:01 CST		0	Source: Trained Spotter
A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Guymon (Texas County), a trained storm spotter 5 miles north of Guymon (Texas County) reported an estimated 65 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.				
<b>TEXAS COUNTY --- 8.3 N EVA [36.92, -101.90]</b>				
	06/30/14 20:03 CST		0	Thunderstorm Wind (MG 53 kt)
	06/30/14 20:04 CST		0	Source: Broadcast Media
A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Eva (Texas County), the KVII schoolnet site 8 miles north of Eva (Texas County) reported a 61 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.				
<b>TEXAS COUNTY --- 1.7 E GOODWELL [36.60, -101.60]</b>				
	06/30/14 20:15 CST		0	Thunderstorm Wind (MG 56 kt)
	06/30/14 20:16 CST		0	Source: Mesonet
A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Goodwell (Texas County), the Oklahoma Mesonet 2 miles east of Goodwell (Texas County) reported a 65 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.				
<b>TEXAS COUNTY --- 5.5 N GUYMON [36.76, -101.48]</b>				
	06/30/14 20:16 CST		0	Thunderstorm Wind (EG 52 kt)
	06/30/14 20:17 CST		0	Source: Emergency Manager
A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Guymon (Texas County), the Emergency Manager reported an estimated 60 mph downburst wind which blew down several trees and caused power outages for the town of Goodwell (Texas County). After producing this downburst the cluster of thunderstorms continued to move to the southeast.				
<b>TEXAS COUNTY --- 0.9 NW (GUY)GUYMON MUNI ARP [36.69, -101.51]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/30/14 20:17 CST		0	Thunderstorm Wind (MG 67 kt)
	06/30/14 20:18 CST		0	Source: ASOS

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Guymon ( Texas County), the NWS ASOS 2 miles west of Guymon ( Texas County) reported a 77 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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

06/30/14 20:20 CST	0	Thunderstorm Wind (MG 56 kt)
06/30/14 20:21 CST	0	Source: Mesonet

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Goodwell ( Texas County), the Oklahoma Mesonet 2 miles east of Goodwell ( Texas County) reported a 64 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

**TEXAS COUNTY --- 7.6 N OPTIMA [36.86, -101.36], 6.4 WSW HOOKER [36.85, -101.33]**

06/30/14 20:23 CST	0	Hail (1.25 in)
06/30/14 20:24 CST	0	Source: Emergency Manager

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Optima ( Texas County), the Emergency Manager 7 miles north of Optima ( Texas County) half dollar size hail (1.25 inches). After producing this hail the cluster of thunderstorms continued to move to the southeast.

**TEXAS COUNTY --- 2.4 NNE HOOKER [36.90, -101.20]**

06/30/14 20:34 CST	0	Thunderstorm Wind (MG 54 kt)
06/30/14 20:35 CST	0	Source: Broadcast Media

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Hooker ( Texas County), the KVII schoolnet 3 miles north-northeast of Hooker ( Texas County) reported a 62 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

**TEXAS COUNTY --- 0.7 N GUYMON [36.69, -101.48]**

06/30/14 20:40 CST	0	Thunderstorm Wind (EG 61 kt)
06/30/14 20:41 CST	0	Source: Newspaper

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Guymon ( Texas County), the Tri-County Electric Cooperative reported nearly 200 power poles had been knocked down by downburst winds. This resulted in nearly 5,000 meters without power.

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

06/30/14 20:40 CST	0	Thunderstorm Wind (MG 58 kt)
06/30/14 20:41 CST	0	Source: Mesonet

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Goodwell ( Texas County), the Oklahoma Mesonet 2 miles east of Goodwell ( Texas County) reported a 67 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

**TEXAS COUNTY --- 1.5 NNW GUYMON [36.70, -101.49]**

06/30/14 20:42 CST	0	Thunderstorm Wind (EG 56 kt)
06/30/14 20:43 CST	0	Source: Emergency Manager

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Guymon ( Texas County), the Emergency Manager 1 mile north-northwest of Guymon (Texas County) reported an estimated 65 mph downburst gust blew the roof off of a house . After producing this downburst the cluster of thunderstorms continued to move to the southeast.

**TEXAS COUNTY --- 0.9 NW (GUY)GUYMON MUNI ARP [36.69, -101.51]**

06/30/14 21:00 CST	0	Thunderstorm Wind (MG 51 kt)
06/30/14 21:01 CST	0	Source: ASOS

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Guymon ( Texas County), the NWS ASOS 2 miles west of Guymon ( Texas County) reported a 59 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TEXAS COUNTY --- 1.7 E GOODWELL [36.60, -101.60]</b>				
	06/30/14 21:15 CST		0	Thunderstorm Wind (MG 50 kt)
	06/30/14 21:16 CST		0	Source: Mesonet
A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Goodwell ( Texas County), the Oklahoma Mesonet 2 miles east of Goodwell ( Texas County) reported a 58 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.				
<b>TEXAS COUNTY --- 1.7 E GOODWELL [36.60, -101.60]</b>				
	06/30/14 21:20 CST		0	Thunderstorm Wind (MG 51 kt)
	06/30/14 21:21 CST		0	Source: Mesonet
A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Goodwell ( Texas County), the Oklahoma Mesonet 2 miles east of Goodwell ( Texas County) reported a 59 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.				
<b>TEXAS COUNTY --- 1.7 E GOODWELL [36.60, -101.60]</b>				
	06/30/14 21:25 CST		0	Thunderstorm Wind (MG 57 kt)
	06/30/14 21:26 CST		0	Source: Mesonet
A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Goodwell ( Texas County), the Oklahoma Mesonet 2 miles east of Goodwell ( Texas County) reported a 66 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.				
<b>BEAVER COUNTY --- 1.5 SSW BEAVER [36.80, -100.53]</b>				
	06/30/14 21:30 CST		0	Thunderstorm Wind (MG 57 kt)
	06/30/14 21:31 CST		0	Source: Mesonet
A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Beaver (Beaver County), the Oklahoma mesonet site 1 mile south-southwest of Beaver (Beaver County) reported a 66 mph thunderstorm downburst wind. After producing this downburst the cluster of thunderstorms continued to move to the southeast.				
<b>TEXAS COUNTY --- 1.7 E GOODWELL [36.60, -101.60]</b>				
	06/30/14 21:30 CST		0	Thunderstorm Wind (MG 52 kt)
	06/30/14 21:31 CST		0	Source: Mesonet
A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Goodwell ( Texas County), the Oklahoma Mesonet 2 miles east of Goodwell ( Texas County) reported a 60 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.				
<b>BEAVER COUNTY --- 1.5 SSW BEAVER [36.80, -100.53]</b>				
	06/30/14 21:35 CST		0	Thunderstorm Wind (MG 74 kt)
	06/30/14 21:36 CST		0	Source: Mesonet
A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Beaver (Beaver County), the Oklahoma Mesonet 1 miles south-southwest of Beaver (Beaver County) reported a 85 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.				
<b>BEAVER COUNTY --- 0.7 S BEAVER [36.81, -100.52]</b>				
	06/30/14 21:40 CST		0	Thunderstorm Wind (EG 56 kt)
	06/30/14 21:41 CST		0	Source: Emergency Manager
A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Beaver (Beaver County), the Emergency Manager reported several trees down across the county due to a thunderstorm downburst. After producing these downbursts the cluster of thunderstorms continued to move to the southeast.				
<b>BEAVER COUNTY --- 1.5 SSW BEAVER [36.80, -100.53]</b>				
	06/30/14 21:40 CST		0	Thunderstorm Wind (MG 67 kt)
	06/30/14 21:41 CST		0	Source: Mesonet



## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Beaver (Beaver County), the Oklahoma mesonet site 1 mile south-southwest of Beaver (Beaver County) reported a 77 mph thunderstorm downburst wind. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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

	06/30/14 21:45 CST	0	Thunderstorm Wind (MG 63 kt)
	06/30/14 21:46 CST	0	Source: Mesonet

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Beaver (Beaver County), the Oklahoma mesonet site 1 mile south-southwest of Beaver (Beaver County) reported a 73 mph thunderstorm downburst wind. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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

	06/30/14 21:50 CST	0	Thunderstorm Wind (MG 63 kt)
	06/30/14 21:51 CST	0	Source: Mesonet

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Beaver (Beaver County), the Oklahoma mesonet site 1 mile south-southwest of Beaver (Beaver County) reported a 72 mph thunderstorm downburst wind. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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**BEAVER COUNTY --- 3.0 NW LOGAN [36.60, -100.26]**

	06/30/14 21:50 CST	0	Thunderstorm Wind (MG 50 kt)
	06/30/14 21:51 CST	0	Source: Mesonet

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Slapout (Beaver County), the Oklahoma mesonet site 8 mile west of Slapout (Beaver County) reported a 58 mph thunderstorm downburst wind. After producing this downbursts the cluster of thunderstorms continued to move to the southeast.

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**BEAVER COUNTY --- 6.5 NNW CLEAR LAKE [36.76, -100.33]**

	06/30/14 21:50 CST	0	Hail (1.75 in)
	06/30/14 21:51 CST	0	Source: Emergency Manager

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Knowles (Beaver County), the Emergency Manager reported golf ball size hail (1.75 inches) 11 miles southwest of Knowles (Beaver County). After producing this hail the cluster of thunderstorms continued to move to the southeast.

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**BEAVER COUNTY --- 3.0 NW LOGAN [36.60, -100.26]**

	06/30/14 21:55 CST	0	Thunderstorm Wind (MG 64 kt)
	06/30/14 21:56 CST	0	Source: Mesonet

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Slapout (Beaver County), the Oklahoma mesonet site 8 miles west of Slapout (Beaver County) reported a 74 mph thunderstorm downburst wind. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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**BEAVER COUNTY --- 3.0 NW LOGAN [36.60, -100.26]**

	06/30/14 22:00 CST	0	Thunderstorm Wind (MG 56 kt)
	06/30/14 22:01 CST	0	Source: Mesonet

A cluster of thunderstorms moved out of southeastern Colorado and southwestern Kansas and into the Oklahoma Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved over the town of Slapout (Beaver County), the Oklahoma mesonet site 8 miles west of Slapout (Beaver County) reported a 65 mph thunderstorm downburst wind. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

**The Oklahoma Panhandle saw a round of severe convection during the late evening hours of the 30th. Northwest flow aloft allowed the passage of an upper level shortwave trough which combined with a sufficiently moist and unstable atmosphere to help initiate this convection. The convection developed along the leading edge of a southward moving cold front across southeast Colorado and northeastern New Mexico. These storms then moved into the Oklahoma Panhandle during the evening hours. Some of the storms became severe, with damaging winds as the primary hazard. Shortly before midnight on the 1st, the shortwave moved sufficiently east to bring an end to the severe threat across the Oklahoma Panhandle.**

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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**TEXAS, North Panhandle**

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(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) OLDDHAM, (TX-Z012) POTTER, (TX-Z013) CARSON, (TX-Z014) GRAY, (TX-Z015) WHEELER, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL, (TX-Z018) ARMSTRONG, (TX-Z019) DONLEY, (TX-Z020) COLLINGSWORTH

06/01/14 00:00 CST	0	Drought
06/30/14 23:59 CST	0	

The wet summer pattern continued through June for most of the Texas Panhandle, with most locations measuring at least 3 to 4 inches of rain for the month. Some parts of the Panhandle received greater than 6 inches of rain, or greater than twice the monthly average for June. A mix of Extreme (D3) to Exceptional (D4) Drought conditions at the start of June improved to mostly Severe (D2) and Extreme (D3) Drought conditions at the end of the month. A band of Exceptional (D4) Drought remained from Gray County northwestward to Dallam County. Amarillo recorded 5.40 inches of precipitation for the month (2.24 inches above normal), Dalhart recorded 3.77 inches of precipitation (1.47 inches above normal), and Borger recorded 3.17 inches of precipitation (0.55 inches above normal).

Soil moisture was rated from short to adequate during the month. Crops were mostly benefiting from the rains, but were running behind in areas that were too wet or too dry. Rangeland and pasture continued to be rated mostly poor to very poor, but some rangeland was greening up. Cattle continued to improve, but herd sizes remained limited due to prolonged drought. Upper soil zones were mostly greater than 40 percent full by the end of June. Deeper soil moisture was still below normal in the northwestern Texas Panhandle, but values were estimated to range from 90 percent to greater than 150 percent of normal across the remainder of the Panhandles. The Palmer Drought Severity Index indicated a rating of Moderate Drought conditions for the Texas Panhandle. Countywide burn bans were supported in several counties.

Stream flows across the Texas Panhandle improved to near normal throughout June. The reservoirs of Palo Duro and Greenbelt Lake were below 3 percent and 14 percent capacity respectively. Lake Meredith began the month below dead pool, but the month's rainfall brought water levels up to near 2 percent of capacity by the end of the month. Water watches for several public water systems persisted through June while voluntary to mandatory mild water restrictions were continued.

Economic losses due to the drought through June were predominately the result of supplemental watering in the driest areas and supplemental feed for cattle on drought-thinned rangeland and pastures.

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**POTTER COUNTY --- 3.5 ENE BUSHLAND [35.19, -102.01]**

06/06/14 00:00 CST	0	Thunderstorm Wind (MG 50 kt)
06/06/14 00:01 CST	0	Source: Broadcast Media

A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms moved east of Bushland (Potter County), the KVII schoolnet site 3 miles was of Bushland (Potter County) reported 58 mph thunderstorm wind gust. After producing this gust the cluster of thunderstorms continued to move across the southern Texas Panhandle .

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**POTTER COUNTY --- 3.5 ENE BUSHLAND [35.19, -102.01]**

06/06/14 00:02 CST	0	Thunderstorm Wind (MG 60 kt)
06/06/14 00:03 CST	0	Source: Broadcast Media

A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms moved east of Bushland (Potter County), the KVII schoolnet site 3 miles was of Bushland (Potter County) reported 69 mph thunderstorm wind gust. After producing this gust the cluster of thunderstorms continued to move across the southern Texas Panhandle .

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**RANDALL COUNTY --- 9.3 WNW TIMBERCREEK CANYON [35.12, -101.96], 8.4 NW TIMBERCREEK CANYON [35.12, -101.94]**

06/06/14 00:03 CST	0	Hail (2.00 in)
06/06/14 00:04 CST	0	Source: Public

A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms neared the city of Amarillo (Randall County), a member of the public 8 miles southeast of Bushland (Randall County) reported hen egg size hail (2.00 inches). After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle .

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**RANDALL COUNTY --- 12.6 N UMBARGER [35.13, -102.06], 11.5 NNW CANYON [35.13, -102.01]**

06/06/14 00:09 CST	0	Hail (1.00 in)
06/06/14 00:13 CST	0	Source: Public

A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms neared the city of Amarillo (Randall County), a member of the public 4 miles south of Bushland (Randall County) reported quarter size hail (1.00 inch). After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle .

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>RANDALL COUNTY --- 14.0 WSW AMARILLO [35.15, -102.06], 11.3 WSW AMARILLO [35.15, -102.01]</b>				
	06/06/14 00:12 CST		0	Hail (2.75 in)
	06/06/14 00:16 CST		0	Source: Emergency Manager
A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms neared the city of Amarillo (Randall County), the County Emergency Manager reported baseball size hail (2.75 inches) 3 miles south of Bushland (Randall County). After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle.				
<b>RANDALL COUNTY --- 5.0 WSW AMARILLO [35.17, -101.90], 4.4 WSW AMARILLO [35.17, -101.89]</b>				
	06/06/14 00:12 CST		0	Hail (1.75 in)
	06/06/14 00:16 CST		0	Source: Broadcast Media
A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms neared the city of Amarillo (Randall County), the local broadcast media reported golf ball size hail (1.75 inches) in the Sleepy Hollow neighborhood on the southwest side of town (Randall County). After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle.				
<b>RANDALL COUNTY --- 5.0 WSW AMARILLO [35.17, -101.90], 4.3 WSW AMARILLO [35.17, -101.89]</b>				
	06/06/14 00:18 CST		0	Hail (1.00 in)
	06/06/14 00:21 CST		0	Source: Broadcast Media
A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms moved over the city of Amarillo (Randall County), the local broadcast media reported quarter size hail (1.00 inch) still falling in the Sleepy Hollow neighborhood on the southwest side of town (Randall County). After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle.				
<b>RANDALL COUNTY --- 6.8 WNW TIMBERCREEK CANYON [35.09, -101.93]</b>				
	06/06/14 00:20 CST		0	Thunderstorm Wind (EG 61 kt)
	06/06/14 00:21 CST		0	Source: NWS Storm Survey
A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms moved over the city of Amarillo (Randall County), an estimated 65 mph thunderstorm wind gust blew in a garage door on a large outbuilding which also caused damage to the adjacent wall. A fence near the large outbuilding was also blown over. After producing this gust the cluster of thunderstorms continued to move across the southern Texas Panhandle.				
<b>RANDALL COUNTY --- 1.8 SW AMARILLO [35.18, -101.84], 1.4 SSW AMARILLO [35.18, -101.83]</b>				
	06/06/14 00:21 CST		0	Hail (1.75 in)
	06/06/14 00:24 CST		0	Source: Storm Chaser
A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms moved over the city of Amarillo (Randall County), a storm chaser near the intersection of 34th Ave and Interstate 27 (Randall County) reported golf ball size hail (1.75 inches). After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle.				
<b>POTTER COUNTY --- 3.7 WSW AMARILLO [35.19, -101.88], 3.2 WSW AMARILLO [35.19, -101.87]</b>				
	06/06/14 00:22 CST		0	Hail (1.00 in)
	06/06/14 00:26 CST		0	Source: Broadcast Media
A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms moved over the city of Amarillo (Potter County), the local broadcast media reported quarter size hail (1.00 inch) at the intersection of Western Street and Olsen Street (Potter County). After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle.				
<b>RANDALL COUNTY --- 4.8 N CANYON [35.05, -101.92], 4.6 W TIMBERCREEK CANYON [35.05, -101.90]</b>				
	06/06/14 00:25 CST		0	Hail (2.50 in)
	06/06/14 00:30 CST		0	Source: Public
A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms moved north of the city of Canyon (Randall County), a member of the public reported tennis ball size hail (2.50 inches) 5 miles north of Canyon (Randall County). After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle.				

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>POTTER COUNTY --- 3.5 WNW AMARILLO [35.21, -101.88], 2.9 WNW AMARILLO [35.21, -101.87]</b>				
	06/06/14 00:29 CST		0	Hail (1.25 in)
	06/06/14 00:34 CST		0	Source: Trained Spotter
<p>A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms moved over the city of Amarillo (Potter County), a trained storm spotter reported half dollar size hail (1.25 inches) at Lane Ave and Tennessee Street (Potter County). After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle.</p>				
<b>RANDALL COUNTY --- 5.3 NNW TIMBERCREEK CANYON [35.12, -101.86], 4.9 N TIMBERCREEK CANYON [35.12, -101.83]</b>				
	06/06/14 00:33 CST		0	Hail (1.50 in)
	06/06/14 00:37 CST		0	Source: Broadcast Media
<p>A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms moved over the city of Amarillo (Randall County), the local broadcast media reported ping pong size hail (1.50 inches) 6 miles south-southwest of Amarillo (Randall County). After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle.</p>				
<b>POTTER COUNTY --- 4.6 W AMARILLO [35.19, -101.90], 3.5 W AMARILLO [35.19, -101.88]</b>				
	06/06/14 00:43 CST		0	Hail (0.88 in)
	06/06/14 00:46 CST		0	Source: Broadcast Media
<p>A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms moved over the city of Amarillo (Potter County), the local broadcast media reported nickel size hail (0.88 inch) at the intersection of Bell Street and Interstate 40. After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle .</p>				
<b>RANDALL COUNTY --- LAKE TANGLEWOOD [35.06, -101.78], 2.4 E LAKE TANGLEWOOD [35.07, -101.74]</b>				
	06/06/14 00:45 CST		0	Hail (1.25 in)
	06/06/14 00:49 CST		0	Source: Broadcast Media
<p>A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms moved over the city of Amarillo (Randall County), the local broadcast media reported half dollar size hail (1.25 inches) near Lake Tanglewood. After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle .</p>				
<b>POTTER COUNTY --- AMARILLO [35.20, -101.82], 0.4 E AMARILLO [35.20, -101.81]</b>				
	06/06/14 00:52 CST		0	Hail (0.88 in)
	06/06/14 00:54 CST		0	Source: Emergency Manager
<p>A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms moved over the city of Amarillo (Potter County), the County Emergency Manager reported nickel size hail (0.88 inch) falling at Airport Blvd and Interstate 40 (Potter County). After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle.</p>				
<b>ARMSTRONG COUNTY --- 6.0 SSW WASHBURN [35.10, -101.62], 5.5 S WASHBURN [35.10, -101.58]</b>				
	06/06/14 00:57 CST		0	Hail (1.25 in)
	06/06/14 01:00 CST		0	Source: Emergency Manager
<p>A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms moved into Armstrong County, the County Emergency Manager reported half dollar size hail (1.25 inches) falling at FM 1151 (Armstrong County). After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle .</p>				
<b>ARMSTRONG COUNTY --- 0.9 SE CLAUDE [35.11, -101.36], 1.5 ESE CLAUDE [35.11, -101.35]</b>				
	06/06/14 01:28 CST		0	Hail (1.00 in)
	06/06/14 01:32 CST		0	Source: Emergency Manager
<p>A cluster of thunderstorms developed along a stalled frontal boundary during the early morning hours of the 6th. These thunderstorms quickly intensified while moving to the east. As the storms moved over the town of Claude (Armstrong County), the County Emergency Manager reported quarter size hail (1.00 inch) falling in downtown Claude (Armstrong County). After producing this hail the cluster of thunderstorms continued to move across the southern Texas Panhandle.</p>				
<p><b>The combination of a quasi-stationary frontal boundary situated along Interstate 40, plenty of moisture, low level upslope flow, attendant atmospheric instability, and the passage of a minor upper level shortwave trough resulted in the development of convection across the Texas Panhandle during the early morning hours of the 6th. This convection quickly intensified and reached severe limits over Randall</b></p>				

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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and Potter Counties. This convection would move eastward along the front before diminishing below severe limits over Armstrong County due to the upper shortwave trough moving east of the Panhandle.

**RANDALL COUNTY --- 7.5 NW TIMBERCREEK CANYON [35.12, -101.92], 7.3 NW TIMBERCREEK CANYON [35.12, -101.92], 7.2 NW TIMBERCREEK CANYON [35.12, -101.92], 7.4 NW TIMBERCREEK CANYON [35.12, -101.92]**

06/06/14 01:01 CST	0	Flash Flood (due to Heavy Rain)
06/06/14 03:00 CST	0	Source: NWS Employee

A cluster of thunderstorms developed over the southern Texas Panhandle during the early morning hours of the 6th. These storms produced intense downpours which led to localized flash flooding across the city of Amarillo (Randall and Potter Counties). A NWS employee reported flash flooding making the intersection of Hollywood Street and Coulter Street impassable. Two vehicles became stranded in the flood waters but no high water rescues were reported. This flooding persisted until the rain came to an end around 3 AM CST.

**POTTER COUNTY --- 0.6 WNW AMARILLO [35.20, -101.83], 0.6 WSW AMARILLO [35.20, -101.83], 0.3 ESE AMARILLO [35.20, -101.82], 0.3 N AMARILLO [35.20, -101.82]**

06/06/14 01:08 CST	0	Flash Flood (due to Heavy Rain)
06/06/14 03:00 CST	0	Source: Emergency Manager

A cluster of thunderstorms developed over the southern Texas Panhandle during the early morning hours of the 6th. These storms produced intense downpours which led to localized flash flooding across the city of Amarillo (Randall and Potter Counties). The Emergency Manager reported a swift water rescue of the driver of a vehicle that drove into flood waters downtown. The vehicle was not able to be recovered until the flood waters receded. This flooding persisted until the rain came to an end around 3 AM CST.

**POTTER COUNTY --- 0.7 S AMARILLO [35.19, -101.82], 0.4 S AMARILLO [35.19, -101.82], 0.5 SE AMARILLO [35.19, -101.81], 0.7 SSE AMARILLO [35.19, -101.81]**

06/06/14 01:15 CST	0	Flash Flood (due to Heavy Rain)
06/06/14 03:00 CST	0	Source: Emergency Manager

A cluster of thunderstorms developed over the southern Texas Panhandle during the early morning hours of the 6th. These storms produced intense downpours which led to localized flash flooding across the city of Amarillo (Randall and Potter Counties). The Emergency Manager reported the access roads at the intersection of Interstate 40 and Ross-Osage were flooded. This flooding persisted until the rain came to an end around 3 AM CST.

**RANDALL COUNTY --- 4.0 SW AMARILLO [35.16, -101.87], 4.2 SW AMARILLO [35.16, -101.88], 4.0 SW AMARILLO [35.16, -101.88], 3.6 SW AMARILLO [35.17, -101.87]**

06/06/14 01:57 CST	0	Flash Flood (due to Heavy Rain)
06/06/14 03:00 CST	0	Source: Emergency Manager

A cluster of thunderstorms developed over the southern Texas Panhandle during the early morning hours of the 6th. These storms produced intense downpours which led to localized flash flooding across the city of Amarillo (Randall and Potter Counties). The Emergency Manager reported water over the curbs and flood waters up to the doors on cars near the intersection of Interstate 40 and 45th Ave. This flooding persisted until the rain came to an end around 3 AM CST.

**RANDALL COUNTY --- 5.3 WSW AMARILLO [35.18, -101.91], 4.5 WSW AMARILLO [35.18, -101.90], 5.0 WSW AMARILLO [35.17, -101.90], 5.4 WSW AMARILLO [35.17, -101.91]**

06/06/14 02:00 CST	0	Flash Flood (due to Heavy Rain)
06/06/14 03:00 CST	0	Source: Emergency Manager

A cluster of thunderstorms developed over the southern Texas Panhandle during the early morning hours of the 6th. These storms produced intense downpours which led to localized flash flooding across the city of Amarillo (Randall and Potter Counties). The Emergency Manager reported the southbound lanes at the intersection of Sleepy Hollow and Coulter. Multiple vehicles stalled in these flood waters. This flooding persisted until the rain came to an end around 3 AM CST.

**The combination of a quasi-stationary frontal boundary meandering around the area, plenty of moisture, low level upslope flow, attendant atmospheric instability, and the passage of a minor upper level shortwave trough resulted in the development of convection across the Texas Panhandle during the early morning hours of the 6th. The intensity of the rain as it moved over urbanized areas of Randall and Potter County would result in flash flooding. This flash flooding subsided by 4 AM as convection moved eastward.**

**HANSFORD COUNTY --- 0.6 E SPEARMAN [36.20, -101.19], 2.8 NE SPEARMAN [36.23, -101.17]**

06/06/14 17:47 CST	0	Hail (1.00 in)
06/06/14 17:49 CST	0	Source: Emergency Manager

A discrete supercell developed over Hansford County during the evening hours of the 6th. As this storm moved over the town of Spearman (Hansford County), the Emergency Manager reported a mix of nickel to quarter size hail (0.88 inch to 1.00 inch) in town. After producing this hail the storm continued moving to the northeast across the county.

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>HANSFORD COUNTY --- 0.6 E SPEARMAN [36.20, -101.19], 1.8 NE SPEARMAN [36.22, -101.17]</b>				
	06/06/14 17:52 CST		0	Hail (1.75 in)
	06/06/14 17:53 CST		0	Source: Law Enforcement
A discrete supercell developed over Hansford County during the evening hours of the 6th. As this storm moved over the town of Spearman (Hansford County), local law enforcement officers reported golf ball size hail (1.75 inches) in town. After producing this hail the storm continued moving to the northeast across the county.				
<b>MOORE COUNTY --- 5.0 W SUNRAY [36.02, -101.82], 3.0 WSW SUNRAY [36.01, -101.78]</b>				
	06/06/14 18:13 CST		0	Hail (1.75 in)
	06/06/14 18:18 CST		0	Source: Trained Spotter
A discrete supercell developed over Moore County during the evening hours of the 6th. As this storm moved over the town of Sunray (Moore County), it went through a storm split and the left moving portion of the storm began moving southeastward. While this portion of the storm was over the town of Sunray (Moore County), a trained storm spotter reported golf ball size hail (1.75 inches) in town. After producing this hail the left moving supercell continued moving to the southeast across the county.				
<b>HARTLEY COUNTY --- 10.3 W CHANNING [35.70, -102.51], 9.6 WNW CHANNING [35.73, -102.49]</b>				
	06/06/14 18:15 CST		0	Tornado (EF0, L: 2.46 mi , W: 25 yd)
	06/06/14 18:20 CST		0	Source: NWS Storm Survey
A discrete supercell developed during the evening hours of the 6th. As the storm intensified it produced a brief tornado over the rural portions of Hartley County. Due to the location of the tornado, minimal damage was located however multiple eye witnesses reported the tornado. The winds were estimated at 65 mph. After producing this brief tornado, the supercell began to diminish as it merged with a broken line of thunderstorms.				
<b>MOORE COUNTY --- 5.4 WSW SUNRAY [35.99, -101.82], 4.6 SW SUNRAY [35.97, -101.79]</b>				
	06/06/14 18:15 CST		0	Hail (1.75 in)
	06/06/14 18:18 CST		0	Source: Emergency Manager
A discrete supercell developed over Moore County during the evening hours of the 6th. As this storm moved over the town of Sunray (Moore County), it went through a storm split and the left moving portion of the storm began moving southeastward. While this portion of the storm was over the town of Sunray (Moore County), the Emergency Manager reported golf ball size hail (1.75 inches) 2 miles east of town. After producing this hail the left moving supercell continued moving to the southeast across the county.				
<b>OCHILTREE COUNTY --- 13.9 S FARNSWORTH [36.08, -100.93], 12.5 SSE FARNSWORTH [36.10, -100.92]</b>				
	06/06/14 18:52 CST		0	Tornado (EF0, L: 1.65 mi , W: 70 yd)
	06/06/14 19:00 CST		0	Source: NWS Storm Survey
A discrete supercell developed during the evening hours of the 6th. As the storm intensified it produced a brief tornado over the rural portions of Ochiltree County. Due to the location of the tornado, minimal damage was located however a team of storms chasers from Oklahoma City captured the tornado on film. During it's short duration the tornado was able to move northeastward across open fields before crossing Farm-to-Market Road 281. The winds were estimated at 70 mph. After producing this brief tornado, the supercell began to diminish as it merged with a broken line of thunderstorms.				
<b>MOORE COUNTY --- 0.9 NE DUMAS MUNI ARPT [35.86, -102.01]</b>				
	06/06/14 19:15 CST		0	Thunderstorm Wind (MG 53 kt)
	06/06/14 19:16 CST		0	Source: AWOS
A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved towards the town of Dumas (Moore County), the TXDOT AWOS 3 miles west of Dumas (Moore County) reported a 61 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.				
<b>POTTER COUNTY --- (AMA)AMARILLO INTL A [35.22, -101.72]</b>				
	06/06/14 19:15 CST		0	Thunderstorm Wind (MG 51 kt)
	06/06/14 19:16 CST		0	Source: ASOS
A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved towards the town of Amarillo (Potter County), the NWS ASOS 6 miles east-northeast of Amarillo (Potter County) reported a 59 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.				
<b>ROBERTS COUNTY --- 10.9 NNW CODMAN [35.79, -100.81]</b>				
	06/06/14 20:10 CST		0	Thunderstorm Wind (MG 58 kt)
	06/06/14 20:11 CST		0	Source: Broadcast Media

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved towards the town of Codman (Roberts County), the KVII Schoolnet site 11 miles north-northwest of Codman (Roberts County) reported a 67 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
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<b>RANDALL COUNTY --- 0.9 NW LAKE TANGLEWOOD [35.07, -101.79]</b>				
	06/06/14 20:11 CST		0	Thunderstorm Wind (MG 55 kt)
	06/06/14 20:12 CST		0	Source: Broadcast Media
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved away from the town of Amarillo (Randall County), the KVII Schoolnet 1 mile north-northwest of Lake Tanglewood (Randall County) reported a 63 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
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<b>GRAY COUNTY --- 0.9 SE PAMPA [35.52, -100.96]</b>				
	06/06/14 20:12 CST		0	Thunderstorm Wind (MG 54 kt)
	06/06/14 20:13 CST		0	Source: Broadcast Media
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved south of the town of Pampa (Gray County), the KVII Schoolnet site 2 miles south-southeast of Pampa (Gray County) reported a 62 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
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<b>RANDALL COUNTY --- 3.1 WNW TIMBERCREEK CANYON [35.07, -101.87]</b>				
	06/06/14 20:12 CST		0	Thunderstorm Wind (EG 56 kt)
	06/06/14 20:13 CST		0	Source: Fire Department/Rescue
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved north of the town of Canyon (Randall County), the local fire and rescue department reported an estimated 65 mph thunderstorm downburst caused minor roof damage to a building, caused an RV to lean against home, and lofted a trampoline into power lines. This damage was located 7 miles north-northeast of Canyon (Randall County). After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
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<b>RANDALL COUNTY --- 3.1 WNW TIMBERCREEK CANYON [35.07, -101.87]</b>				
	06/06/14 20:12 CST		0	Thunderstorm Wind (MG 51 kt)
	06/06/14 20:13 CST		0	Source: Public
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved over the town of Amarillo (Randall County), a member of the public reported an estimated 59 mph downburst 7 miles north-northeast of Canyon (Randall County). This gust lofted a trampoline over a fence in the Rockwell Road area. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
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<b>ROBERTS COUNTY --- 7.5 NW LORA [35.81, -100.64]</b>				
	06/06/14 20:12 CST		0	Thunderstorm Wind (MG 55 kt)
	06/06/14 20:13 CST		0	Source: Broadcast Media
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved north of the town of Miami (Roberts County), the KVII Schoolnet site 8 miles north of Miami (Roberts County) reported a 63 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
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<b>GRAY COUNTY --- 0.7 S PAMPA LEFORS ARPT [35.61, -101.00]</b>				
	06/06/14 20:15 CST		0	Thunderstorm Wind (MG 58 kt)
	06/06/14 20:16 CST		0	Source: AWOS
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved towards the town of Pampa (Gray County), the TXDOT AWOS 5 miles north-northwest of Pampa (Gray County) reported a 67 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
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<b>ROBERTS COUNTY --- 21.9 NW CODMAN [35.87, -101.02]</b>				
	06/06/14 20:20 CST		0	Thunderstorm Wind (MG 50 kt)
	06/06/14 20:21 CST		0	Source: Broadcast Media
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved towards the town of Codman (Roberts County), the KVII Schoolnet site 22 miles northwest of Codman (Roberts County) reported a 58 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>POTTER COUNTY --- 2.6 ESE (AMA)AMARILLO INTL A [35.20, -101.68]</b>				
	06/06/14 20:21 CST		0	Thunderstorm Wind (EG 50 kt)
	06/06/14 20:22 CST		0	Source: Broadcast Media
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved towards the town of Washburn (Potter County), local broadcast media reported an estimated 58 mph thunderstorm downburst caused three semi trucks to blow over on Interstate 40 near mile marker 80 (Potter County). After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
<b>RANDALL COUNTY --- 3.1 WNW TIMBERCREEK CANYON [35.07, -101.87]</b>				
	06/06/14 20:22 CST		0	Thunderstorm Wind (EG 50 kt)
	06/06/14 20:23 CST		0	Source: Law Enforcement
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved north of the town of Canyon (Randall County), local law enforcement reported an estimated 58 mph thunderstorm downburst blew trees down 7 miles north-northeast of Canyon (Randall County). After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
<b>RANDALL COUNTY --- 2.8 N CANYON [35.02, -101.92]</b>				
	06/06/14 20:23 CST		0	Thunderstorm Wind (MG 51 kt)
	06/06/14 20:23 CST		0	Source: Broadcast Media
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved over the town of Canyon (Randall County), the KVII Schoolnet site 2 miles north of Canyon (Randall County) reported a 59 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
<b>RANDALL COUNTY --- 4.3 NNW CANYON [35.04, -101.94]</b>				
	06/06/14 20:26 CST		0	Thunderstorm Wind (EG 51 kt)
	06/06/14 20:27 CST		0	Source: Broadcast Media
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved over the town of Canyon (Randall County), local broadcast media reported an estimated 59 mph thunderstorm downburst blew portable steel buildings around near the Rockwell Road area (Randall County). After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
<b>RANDALL COUNTY --- 6.8 NNW CANYON [35.07, -101.97]</b>				
	06/06/14 20:26 CST		0	Thunderstorm Wind (EG 51 kt)
	06/06/14 20:27 CST		0	Source: Fire Department/Rescue
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved over the town of Canyon (Randall County), the local fire department reported that several large tree limbs were blown down in the Rockwell Road area (Randall County) from estimated 59 mph thunderstorm downburst. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
<b>ROBERTS COUNTY --- 0.9 SW MIAMI [35.69, -100.64]</b>				
	06/06/14 20:26 CST		0	Thunderstorm Wind (EG 55 kt)
	06/06/14 20:27 CST		0	Source: Storm Chaser
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved over the town of Miami (Roberts County), a storm chaser estimated a 63 mph thunderstorm downburst snapped several large branches off trees on Main Street (Roberts County). After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
<b>HEMPHILL COUNTY --- 0.9 SW CANADIAN HEMPHILL AR [35.89, -100.41], 0.3 ESE CANADIAN HEMPHILL AR [35.90, -100.39]</b>				
	06/06/14 20:35 CST		0	Thunderstorm Wind (EG 100 kt)
	06/06/14 20:36 CST		0	Source: NWS Employee
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved 2 miles southwest of Canadian (Hemphill County), an estimated 115 mph thunderstorm microburst destroyed at least three hangars and four airplanes. Wooden utility poles and light structures in this area were also damaged. The area damaged covered 2 square miles. After producing this microburst the line of thunderstorms continued moving eastward across the Panhandle.</p>				



## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>HEMPHILL COUNTY --- 0.7 N CANADIAN [35.91, -100.38]</b>				
	06/06/14 20:39 CST		0	Thunderstorm Wind (EG 52 kt)
	06/06/14 20:40 CST		0	Source: Storm Chaser
A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms moved over the town of Canadian (Hemphill County), a storm chaser estimated a 60 mph downburst gusts in town. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.				
<b>HEMPHILL COUNTY --- 5.8 ENE CANADIAN [35.92, -100.28]</b>				
	06/06/14 20:46 CST		0	Thunderstorm Wind (MG 63 kt)
	06/06/14 20:47 CST		0	Source: Mesonet
A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms where near the town of Canadian (Hemphill County), the West Texas Mesonet site 6 miles east of Canadian (Hemphill County) reported a 73 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.				
<b>ARMSTRONG COUNTY --- 15.2 S GOODNIGHT [34.81, -101.18]</b>				
	06/06/14 20:49 CST		0	Thunderstorm Wind (MG 58 kt)
	06/06/14 20:50 CST		0	Source: Broadcast Media
A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms where near the town of Goodnight (Armstrong County), the KVII Schoolnet site 15 miles south of Goodnight (Armstrong County) reported a 67 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.				
<b>ROBERTS COUNTY --- 1.3 ENE MIAMI [35.71, -100.61]</b>				
	06/06/14 20:50 CST		0	Thunderstorm Wind (EG 52 kt)
	06/06/14 20:51 CST		0	Source: Storm Chaser
A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms where near the town of Miami (Roberts County), a storm chaser 2 miles northeast of Miami (Roberts County) estimated a 60 mph thunderstorm downburst which blew trees onto the west bound lanes of US Highway 60. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.				
<b>HEMPHILL COUNTY --- 1.4 S CANADIAN HEMPHILL AR [35.88, -100.40]</b>				
	06/06/14 20:59 CST		0	Thunderstorm Wind (EG 52 kt)
	06/06/14 21:00 CST		0	Source: Storm Chaser
A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms where near the town of Canadian (Hemphill County), a storm chaser reported an estimated 60 mph thunderstorm downburst which downed trees and tree limbs of 4 to 8 inches in diameter. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.				
<b>HEMPHILL COUNTY --- 9.7 NNW GAGEBY [35.74, -100.42]</b>				
	06/06/14 21:03 CST		0	Thunderstorm Wind (MG 50 kt)
	06/06/14 21:04 CST		0	Source: Broadcast Media
A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms where near the town of Lora (Hemphill County), the KVII Schoolnet site 8 miles east of Lora (Hemphill County) reported a 58 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.				
<b>HEMPHILL COUNTY --- 16.5 E GAGEBY [35.66, -100.04]</b>				
	06/06/14 21:05 CST		0	Thunderstorm Wind (MG 54 kt)
	06/06/14 21:06 CST		0	Source: Trained Spotter
A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms where near the town of Allison (Hemphill County), a trained storm spotter 5 miles northeast of Allison (Hemphill County) reported a 62 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.				
<b>DONLEY COUNTY --- 1.8 WSW CLARENDON [34.92, -100.93]</b>				
	06/06/14 21:10 CST		0	Thunderstorm Wind (MG 50 kt)
	06/06/14 21:11 CST		0	Source: Mesonet

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms were near the town of Clarendon (Donley County), the West Texas Mesonet site 2 miles west-southwest of Clarendon (Donley County) reported a 58 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
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<b>DONLEY COUNTY --- 0.7 N CLARENDON [34.94, -100.90]</b>				
	06/06/14 21:12 CST		0	Thunderstorm Wind (MG 51 kt)
	06/06/14 21:13 CST		0	Source: Broadcast Media
<p>A cluster of discrete thunderstorms moving across the Texas Panhandle transitioned into a broken linear structure during the late evening hours of the 6th. As this broken line of storms were near the town of Clarendon (Donley County), the KVII Schoolnet site in Clarendon (Donley County) reported a 59 mph downburst gust. After producing this gust the line of thunderstorms continued moving eastward across the Panhandle.</p>				
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<b>DEAF SMITH COUNTY --- 0.9 NW HEREFORD MUNI ARPT [34.86, -102.33]</b>				
	06/07/14 00:23 CST		0	Thunderstorm Wind (MG 51 kt)
	06/07/14 00:24 CST		0	Source: ASOS
<p>A cluster of storms developed across the western Texas Panhandle along residual outflow boundaries during the early morning hours of the 7th. As these thunderstorms moved near Hereford (Deaf Smith County), the NWS ASOS reported a 59 mph thunderstorm downburst. After producing this gust the storms began to diminish while continuing to move northward across the county.</p>				
<p><b>The combination of a stationary front, upper level shortwave, and an unstable environment helped to initiate thunderstorms across the Texas Panhandle during the evening hours of the 6th and into the early morning hours of the 7th. The stationary front provided a focusing mechanism for discrete thunderstorms to develop across the western and northern Texas Panhandle around 5 PM CST. The SPC Mesoanalysis page showed roughly 3000 J/kg of CAPE and 40-50kts (46-60mph) of deep layer shear across the Panhandle. Within this environment the storms quickly became severe producing large hail and damaging wind. Low level helicity also allowed two storms to produce brief tornadoes. Given the high amount of deep layer shear the discrete cells developed into a broken line of storms as they moved across the Texas Panhandle. The broken line was completely into western Oklahoma by 10 PM CST. Residual boundaries and another shortwave allowed scattered thunderstorms to develop during the early morning hours of the 7th with a few becoming severe. All convection diminished by daybreak on the 7th.</b></p>				
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<b>ARMSTRONG COUNTY --- 4.0 ESE CLAUDE [35.09, -101.31], 4.8 ESE CLAUDE [35.09, -101.29]</b>				
	06/07/14 22:35 CST		0	Hail (1.00 in)
	06/07/14 22:36 CST		0	Source: Broadcast Media
<p>A cluster of thunderstorms developed during the late night hours of the 7th. This line moved eastward across the southern Texas Panhandle. As the line neared the town of Claude (Armstrong County), a local broadcast reported observed nickel (0.88 inch) and quarter (1.00 inch) size hail 3 miles east-southeast of town. After producing this hail the cluster of storms continued moving eastward and transitioned to heavy rain production.</p>				
<p><b>The combination of isentropic lift over a stalled front south of the Texas Panhandle, and a shortwave propagating eastward proved sufficient to produce an isolated severe hail report during the late night hours of the 7th. While multiple reports of peas size hail were reported throughout the night, only one report of severe hail was received before storms transitioned to heavy rain production by 11 PM CST.</b></p>				
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<b>COLLINGSWORTH COUNTY --- 0.8 W DODSON [34.77, -100.03], 1.0 SW DODSON [34.76, -100.03], 1.0 SE DODSON [34.76, -100.01], 0.5 ENE DODSON [34.77, -100.01]</b>				
	06/08/14 00:37 CST		0	Flash Flood (due to Heavy Rain)
	06/08/14 03:30 CST		0	Source: Law Enforcement
<p>A cluster of thunderstorms brought heavy rain to Collingsworth County during the late night hours of the 7th and early morning hours of the 8th. This heavy rain led to the development of flash flooding across the city of Dodson (Collingsworth County). A law enforcement officer reported a vehicle stalled in flood waters in town. This flash flooding persisted until storms exited the southeastern Texas Panhandle at 3:30 Am CST.</p>				
<p><b>The combination of isentropic lift over a stalled front south of the Texas Panhandle, PWAT values nearing 1.50 inches, and a shortwave propagating eastward proved sufficient to produce heavy rain thunderstorms during the late night hours of the 7th. A cluster of thunderstorms developed across the southern Texas Panhandle and moved eastward. These storms produced sub-severe hail before transitioning to pure heavy rain over the southeastern Texas Panhandle. The heavy rain led to flash flooding in Collingsworth County before the storms exited the Panhandle by 3:30 AM on the 8th.</b></p>				
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<b>OLDHAM COUNTY --- 1.4 S BOYS RANCH [35.51, -102.25]</b>				
	06/08/14 20:12 CST		0	Thunderstorm Wind (EG 51 kt)
	06/08/14 20:13 CST		0	Source: Fire Department/Rescue
<p>A line of thunderstorms moved across the southern Texas Panhandle during the late evening hours of the 8th. As the line neared the town of Boys Ranch (Oldham County), the local fire department reported an estimated thunderstorm wind gust of 60 mph which blew several trees down. After producing this gust the line continued to move east across the southern Texas Panhandle.</p>				

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>POTTER COUNTY --- 6.6 SE VALLE DE ORO [35.38, -102.03], 8.1 SE VALLE DE ORO [35.38, -102.00]</b>				
	06/08/14 20:15 CST		0	Hail (0.75 in)
	06/08/14 20:25 CST		0	Source: Trained Spotter

A line of thunderstorms moved across the southern Texas Panhandle during the late evening hours of the 8th. As the line neared the city of Amarillo (Potter County), a trained storm spotter 17 miles northwest of Amarillo (Potter County) reported penny size hail (0.75 inch) which lasted for ten minutes. After producing this hail the line continued to move east across the southern Texas Panhandle .

<b>POTTER COUNTY --- 0.9 NE BUSHLAND [35.19, -102.06]</b>				
	06/08/14 20:23 CST		0	Thunderstorm Wind (EG 52 kt)
	06/08/14 20:24 CST		0	Source: Broadcast Media

A line of thunderstorms moved across the southern Texas Panhandle during the late evening hours of the 8th. As the line neared the town of Bushland (Potter County), the local broadcast media reported an estimated thunderstorm wind gust of 60 mph. After producing this gust the line continued to move east across the southern Texas Panhandle .

<b>POTTER COUNTY --- 7.3 NNW (AMA)AMARILLO INTL A [35.32, -101.76]</b>				
	06/08/14 20:35 CST		0	Thunderstorm Wind (MG 57 kt)
	06/08/14 20:36 CST		0	Source: Mesonet

A line of thunderstorms moved across the southern Texas Panhandle during the late evening hours of the 8th. As the line neared the town of Amarillo (Potter County), the West Texas Mesonet site 9 miles north-northeast of Amarillo measured a thunderstorm wind gust of 66 mph. After producing this gust the line continued to move east across the southern Texas Panhandle .

<b>RANDALL COUNTY --- 2.4 SSE AMARILLO [35.17, -101.80]</b>				
	06/08/14 20:37 CST		0	Thunderstorm Wind (MG 55 kt)
	06/08/14 20:38 CST		0	Source: Broadcast Media

A line of thunderstorms moved across the southern Texas Panhandle during the late evening hours of the 8th. As the line moved over the city of Amarillo (Randall County), the KVII Schoolnet site 3 miles south-southeast of Amarillo measured a thunderstorm wind gust of 63 mph. After producing this gust the line continued to move east across the southern Texas Panhandle .

<b>POTTER COUNTY --- 6.4 NNW AMARILLO [35.29, -101.85]</b>				
	06/08/14 20:40 CST		0	Thunderstorm Wind (EG 56 kt)
	06/08/14 20:41 CST		0	Source: Broadcast Media

A line of thunderstorms moved across the southern Texas Panhandle during the late evening hours of the 8th. As the line moved over the city of Amarillo (Potter County), the KVII Schoolnet site 6 miles north-northwest of Amarillo measured a thunderstorm wind gust of 65 mph. After producing this gust the line continued to move east across the southern Texas Panhandle .

**The late evening hours of the 8th saw a round of convection move through the Texas Panhandle. This convection was sparked as a cold front moved off the New Mexico Mountains and a closed low dove southeastward out of the Rockies. Storms initiated as discrete storms before congealing into a linear structure before entering the Texas Panhandle. The storms intensified across the southern Texas Panhandle to severe levels due to moderate deep layer shear and instability already in place. The linear structure of the storms proved to present a damaging wind threat as the primary hazard over severe hail. This also kept the window for severe gusts limited as the nocturnal inversion would eventually strengthen. Once sufficiently strong the nocturnal inversion prevented any further severe gusts by 9 PM CST.**

<b>RANDALL COUNTY --- 2.4 NNW TIMBERCREEK CANYON [35.08, -101.84], 8.7 NW CANYON [35.08, -102.02], 5.3 SW CANYON [34.94, -102.00], 3.5 ESE CANYON [34.96, -101.86]</b>				
	06/08/14 21:13 CST		0	Flash Flood (due to Heavy Rain)
	06/09/14 00:00 CST		0	Source: Emergency Manager

A line of thunderstorms moved across Randall County during the late evening hours of the 8th. The line produced intense rainfall which caused localized flash flooding. This flash flooding caused 18 to 24 inches of water to cover the road at the Hunsley Hills Barricade (Randall County). This flash flooding continued until the rain moved east of Randall County by midnight on the 9th.

**The late evening hours of the 8th saw a round of convection move through the Texas Panhandle. This convection was sparked as a cold front moved off the New Mexico Mountains and a closed low dove southeastward out of the Rockies. Storms initiated as discrete storms before congealing into a linear structure before entering the Texas Panhandle. The storms intensified across the southern Texas Panhandle due to moderate deep layer shear and instability already in place. This intensification and PWAT values of 1.12 inches caused the storms to produce very heavy rainfall. The intense downpours caused flash flooding in urban areas across the southern Texas Panhandle. This flash flooding quickly ended by midnight on the 25th as rain moved off to the east.**

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>(TX-Z007) MOORE</b>				
	06/09/14 11:55 CST		0	High Wind (MAX 36 kt)
	06/09/14 13:55 CST		0	
<p>A cold front moved through the Texas Panhandle during the early morning hours of the 9th. The stronger surface pressure gradient and a well-mixed boundary layer allowed strong winds aloft reach the ground around midday. The AWOS near the town of Dumas (Moore County) reported sustained winds of 40 to 42 mph from 11:55 AM CST until 1:55 PM CST. By the early afternoon, the surface pressure gradient decreased sufficiently to prevent any further high winds.</p>				
<b>LIPSCOMB COUNTY --- LIPSCOMB [36.23, -100.27]</b>				
	06/11/14 21:58 CST		0	Thunderstorm Wind (EG 52 kt)
	06/11/14 21:59 CST		0	Source: Law Enforcement
<p>A thunderstorm developed over the northern portion of Lipscomb County during the late evening hours of the 11 th. As the storm tracked eastward and approached the town of Lipscomb (Lipscomb County), a local law enforcement official in town reported a estimated 60 mph thunderstorm downburst. After producing this downburst the storm continued to move eastward across the county.</p>				
<b>LIPSCOMB COUNTY --- 2.8 S LIPSCOMB [36.19, -100.27], 5.8 SE LIPSCOMB [36.17, -100.19]</b>				
	06/11/14 22:55 CST		0	Hail (1.00 in)
	06/11/14 22:56 CST		0	Source: Storm Chaser
<p>A thunderstorm developed over the southern portion of Lipscomb County during the late evening hours of the 11 th. As the storm tracked eastward and approached the town of Lipscomb (Lipscomb County), a storm chaser 3 miles south of Lipscomb (Lipscomb County) reported quarter size hail (1.00 inch). After producing this hail the storm continued to move eastward across the county.</p>				
<b>OCHILTREE COUNTY --- 14.3 SSE PERRYTON MUNI ARPT [36.21, -100.65], 15.0 SSE PERRYTON MUNI ARPT [36.21, -100.63]</b>				
	06/11/14 23:25 CST		0	Hail (1.00 in)
	06/11/14 23:26 CST		0	Source: Law Enforcement
<p>A thunderstorm developed over the southeastern portion of Ochiltree County during the late evening hours of the 11 th. As the storm tracked southeastward and approached Wolf Creek Park (Ochiltree County), a local law enforcement official reported quarter size hail (1.00 inch). After producing this hail the storm continued to move southeastward across the county.</p>				
<b>OCHILTREE COUNTY --- 16.9 SE PERRYTON MUNI ARPT [36.21, -100.56], 20.2 SE PERRYTON MUNI ARPT [36.19, -100.50]</b>				
	06/11/14 23:38 CST		0	Hail (0.88 in)
	06/11/14 23:39 CST		0	Source: County Official
<p>A thunderstorm developed over the southeastern portion of Ochiltree County during the late evening hours of the 11 th. As the storm tracked southeastward and approached Wolf Creek Park (Lipscomb County), a County Official 5 miles east of Wolf Creek Park (Ochiltree County) reported nickel size hail (0.88 inch). After producing this hail the storm continued to move southeastward across the county.</p>				
<p><b>The combination of a surface cold front moving southeastward out of Colorado and an upper level shortwave brought a round of severe thunderstorms to the Texas Panhandle during the overnight hours of the 11th. Moderate deep shear made up for marginal instability to allow storms to reach severe levels as they moved across the northeastern Texas Panhandle. The cold front which helped to initiate these storms moved into Western Oklahoma shortly before midnight on the 12th and brought an end to the severe threat for the Panhandle.</b></p>				
<b>DEAF SMITH COUNTY --- 0.9 NW GLENRIO STATION [35.18, -103.04]</b>				
	06/13/14 18:28 CST		0	Thunderstorm Wind (EG 52 kt)
	06/13/14 18:29 CST		0	Source: Trained Spotter
<p>A line for thunderstorms moved into the southwestern Texas Panhandle during the evening hours of the 13th. As the line neared the town of Glenrio a trained storms spotter reported a 60 mph thunderstorm gust. This gust also lofted a lot of dust along the gust front. This line continued moving eastward across the southern Texas Panhandle after producing this gust.</p>				
<b>DEAF SMITH COUNTY --- 1.5 NNW HEREFORD [34.84, -102.41]</b>				
	06/13/14 19:06 CST		0	Thunderstorm Wind (MG 63 kt)
	06/13/14 19:07 CST		0	Source: Broadcast Media
<p>A line of thunderstorms traversed the southern Texas Panhandle during the evening hours of the 13th. As this line neared the town of Hereford (Deaf Smith County), the KVII Schoolnet site in Hereford (Deaf Smith County) reported a 72 mph thunderstorm gust. This line continued moving eastward across the southern Texas Panhandle after producing this gust.</p>				
<b>DEAF SMITH COUNTY --- 1.8 WNW HEREFORD [34.83, -102.43]</b>				

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/13/14 19:10 CST		0	Thunderstorm Wind (MG 54 kt)
	06/13/14 19:11 CST		0	Source: Mesonet
<p>A line of thunderstorms traversed the southern Texas Panhandle during the evening hours of the 13th. As this line moved neared the town of Hereford (Deaf Smith County), the West Texas Mesonet site in 2 miles west-northwest of Hereford (Deaf Smith County) reported a 62 mph thunderstorm gust. This line continued moving eastward across the southern Texas Panhandle after producing this gust .</p>				
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<b>POTTER COUNTY --- 2.8 NNE BUSHLAND [35.22, -102.06], 2.9 NNE BUSHLAND [35.22, -102.05]</b>				
	06/13/14 19:48 CST		0	Hail (0.75 in)
	06/13/14 19:49 CST		0	Source: Trained Spotter
<p>A line of thunderstorms traversed the southern Texas Panhandle during the evening hours of the 13th. As this line neared the town of Bushland (Potter County), a trained storm spotter reported penny size hail (0.75 inch). This line continued moving eastward across the southern Texas Panhandle after producing this hail.</p> <p><b>A line of severe thunderstorms developed across the eastern New Mexico Plains which moved across the southern Texas Panhandle during the evening hours of the 13th. A surface trough provided the low level focus, and lowing heights along the Continental Divide provided the upper level lift for convection to develop across the eastern New Mexico Plains. The storms quickly transitioned from discrete cells to a linear structure. This line moved eastward and entered the southern Texas Panhandle during the early evening hours and produced severe thunderstorm gusts. As the line neared the south central Texas Panhandle the line shifted to the southeast and exited the Texas Panhandle by 8 PM CST.</b></p>				
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<b>LIPSCOMB COUNTY --- 1.4 N LIPSCOMB [36.25, -100.27], 6.1 NNE LIPSCOMB [36.31, -100.22]</b>				
	06/18/14 16:05 CST		0	Hail (0.75 in)
	06/18/14 16:07 CST		0	Source: Public
<p>A discrete thunderstorm developed over Lipscomb County during the early evening hours of the 18th. This storm intensified as it neared the town of Lipscomb (Lipscomb County), a member of the public one mile north of Lipscomb reported penny size hail (0.75 inch). The storm continued to move to the northeast after producing this hail.</p>				
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<b>DEAF SMITH COUNTY --- 2.8 NNW DAWN [34.96, -102.21], 5.6 NNE DAWN [35.00, -102.18]</b>				
	06/18/14 18:08 CST		0	Thunderstorm Wind (MG 52 kt)
	06/18/14 18:09 CST		0	Source: Broadcast Media
<p>A discrete thunderstorm developed over Deaf Smith County during the evening hours of the 18th. This storm intensified as it neared the town of Dawn (Lipscomb County), the KVII Schoolnet site 3 miles north of Dawn (Deaf Smith County), measured a 60 mph thunderstorm gust. The storm continued to move to the northeast after producing this gust.</p>				
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<b>POTTER COUNTY --- 11.2 ESE VALLE DE ORO [35.40, -101.92]</b>				
	06/18/14 23:46 CST		0	Thunderstorm Wind (MG 53 kt)
	06/18/14 23:47 CST		0	Source: Mesonet
<p>A bow echo moved across Potter County during the late night hours of the 18th. As this line neared the city of Amarillo (Potter County), the West Texas Mesonet site 15 miles north-northwest of Amarillo (Potter County) observed a 61 mph thunderstorm gust. The bow echo continued moving east across the Panhandle after producing this gust.</p>				
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<b>RANDALL COUNTY --- 4.2 WSW AMARILLO [35.18, -101.89], 3.0 WSW AMARILLO [35.18, -101.87]</b>				
	06/19/14 00:06 CST		0	Hail (0.75 in)
	06/19/14 00:07 CST		0	Source: Public
<p>A bow echo moved across Potter County during the late night hours of the 18th. As this line moved over the city of Amarillo (Potter County), a member of the public reported penny size hail (0.75 inch) in the city. The bow echo continued moving east across the Panhandle after producing this hail.</p>				
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<b>POTTER COUNTY --- VALLE DE ORO [35.45, -102.11], 6.2 E VALLE DE ORO [35.46, -102.00]</b>				
	06/19/14 00:13 CST		0	Hail (0.88 in)
	06/19/14 00:14 CST		0	Source: Public
<p>A bow echo moved across Potter County during the early morning hours of the 19th. As this line moved over the city of Valley De Oro (Potter County), a member of the public reported nickel size hail (0.88 inch). The bow echo continued moving east across the Panhandle after producing this hail.</p>				
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<b>CARSON COUNTY --- PANHANDLE [35.35, -101.38], 0.6 E PANHANDLE [35.35, -101.37]</b>				
	06/19/14 00:57 CST		0	Thunderstorm Wind (MG 53 kt)
	06/19/14 00:58 CST		0	Source: Broadcast Media

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A bow echo moved across Carson County during the late night hours of the 19th. As this line moved over the city of Panhandle (Carson County), the KVII Schoolnet site at Panhandle Junior High School (Carson County) observed a 61 mph thunderstorm gust. The bow echo continued moving east across the Panhandle after producing this gust.</p> <p><b>A series of shortwave troughs brought two rounds of severe convection during the evening hours of the 18th and the early morning hours of the 19th. The first round of convection consisted of discrete storms that developed along a surface trough situated over the Texas Panhandle. These storms moved to the northeast after developing. Weak capping limited the development of the majority of the storms, but a couple of storms were able to tap into the elevated instability to produce sub-severe hail and a severe downburst. By the time the second round of convection initiated the surface trough had moved into the eastern New Mexico Plains. A discrete thunderstorm developed and moved into the southern Texas Panhandle shortly before midnight. As this storm moved eastward across the Panhandle, the discrete storms transitioned into a bow echo by the time it reached the central portion of the Panhandle. This bow echo continued to move eastward across the Panhandle before entering western Oklahoma by 3:30 AM CST.</b></p>				
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<b>LIPSCOMB COUNTY --- 5.4 W DARROUZETT [36.42, -100.42], 5.8 WSW DARROUZETT [36.39, -100.42]</b>				
	06/22/14 17:57 CST	0		Tornado (EF0, L: 2.00 mi , W: 50 yd)
	06/22/14 18:03 CST	0		Source: NWS Storm Survey
<p>A slow moving supercell thunderstorm moved southward across the eastern Texas Panhandle during the evening hours of the 22nd. This supercell produced multiple brief tornadoes over the course of several hours. This tornado developed across northern Lipscomb County and blew over a center Pivot irrigation system. The winds were estimated at 70 mph. After producing this tornado, the parent supercell continued moving southward across the eastern Texas Panhandle.</p>				
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<b>LIPSCOMB COUNTY --- 0.8 NW DARROUZETT [36.44, -100.33], 3.0 N DARROUZETT [36.47, -100.33]</b>				
	06/22/14 18:05 CST	0		Hail (1.75 in)
	06/22/14 18:08 CST	0		Source: Public
<p>A slow moving supercell moved out of the Oklahoma Panhandle and into the northeastern Texas Panhandle during the evening hours of the 22nd. As the supercell moved over the town of Darrouzett (Lipscomb County), a member of the public reported golf ball size hail (1.75 inches) in the town of Darrouzett (Lipscomb County). After producing this hail the supercell continue it's slow track southward across the eastern Texas Panhandle .</p>				
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<b>LIPSCOMB COUNTY --- 0.7 NW DARROUZETT [36.44, -100.33], 2.4 NNW DARROUZETT [36.46, -100.33]</b>				
	06/22/14 18:08 CST	0		Hail (2.50 in)
	06/22/14 18:10 CST	0		Source: Trained Spotter
<p>A slow moving supercell moved out of the Oklahoma Panhandle and into the northeastern Texas Panhandle during the evening hours of the 22nd. As the supercell moved over the town of Darrouzett (Lipscomb County), a member of the public reported tennis ball size hail (2.50 inches) in the town of Darrouzett (Lipscomb County). After producing this hail the supercell continue it's slow track southward across the eastern Texas Panhandle .</p>				
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<b>LIPSCOMB COUNTY --- 1.8 ENE BOOKER [36.46, -100.50], 2.2 SE BOOKER [36.43, -100.50]</b>				
	06/22/14 18:18 CST	0		Hail (1.00 in)
	06/22/14 18:19 CST	0		Source: Trained Spotter
<p>A slow moving supercell moved out of the Oklahoma Panhandle and into the northeastern Texas Panhandle during the evening hours of the 22nd. As the supercell moved over the town of Booker (Lipscomb County), a trained storm spotter reported quarter size hail (1.00 inch) two miles east of Booker (Lipscomb County). After producing this hail the supercell continue it's slow track southward across the eastern Texas Panhandle .</p>				
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<b>LIPSCOMB COUNTY --- 7.3 NNW LIPSCOMB [36.32, -100.34], 6.5 NNW LIPSCOMB [36.31, -100.33]</b>				
	06/22/14 18:22 CST	0		Tornado (EF0, L: 1.00 mi , W: 75 yd)
	06/22/14 18:23 CST	0		Source: NWS Storm Survey
<p>A slow moving supercell thunderstorm moved southward across the eastern Texas Panhandle during the evening hours of the 22nd. This supercell produced multiple brief tornadoes over the course of several hours. This tornado developed over central Lipscomb County and was observed by trained storm spotters. The winds were estimated at 65 mph. After producing this tornado, the parent supercell continued moving southward across the eastern Texas Panhandle.</p>				
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<b>OCHILTREE COUNTY --- 14.3 SSE PERRYTON MUNI ARPT [36.21, -100.65], 16.0 SSE PERRYTON MUNI ARPT [36.18, -100.65]</b>				
	06/22/14 19:46 CST	0		Hail (1.50 in)
	06/22/14 19:48 CST	0		Source: Law Enforcement
<p>A slow moving supercell moved out of the Oklahoma Panhandle and into the northeastern Texas Panhandle during the evening hours of the 22nd. As the supercell moved towards Wolf Creek Park (Ochiltree County), a local law enforcement official reported ping pong ball size hail (1.50 inches) in the park. After producing this hail the supercell continue it's slow track southward across the eastern Texas Panhandle .</p>				
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<b>LIPSCOMB COUNTY --- 17.4 WSW LIPSCOMB [36.09, -100.53], 21.4 SW LIPSCOMB [36.01, -100.54]</b>				

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/22/14 19:55 CST		0	Hail (1.75 in)
	06/22/14 19:57 CST		0	Source: Fire Department/Rescue

A slow moving supercell moved out of the Oklahoma Panhandle and into the northeastern Texas Panhandle during the evening hours of the 22nd. As the supercell moved south of Wolf Creek Park (Ochiltree County), the local fire department reported golf ball size hail (1.75 inches) eleven miles southeast of Wolf Creek Park (Lipscomb County) at the intersection of US Highway 83 and State Highway 23. After producing this hail the supercell continue it's slow track southward across the eastern Texas Panhandle .

### HEMPHILL COUNTY --- 6.1 NW CANADIAN HEMPILL AR [35.96, -100.48]

06/22/14 20:40 CST	0	Thunderstorm Wind (EG 61 kt)
06/22/14 20:41 CST	0	Source: Storm Chaser

A slow moving supercell moved out of the Oklahoma Panhandle and into the northeastern Texas Panhandle during the evening hours of the 22nd. As the supercell neared the town of Canadian (Hemphill County), a storm chaser reported an estimated 70 mph thunderstorm downburst gust 6 miles west-northwest of Canadian(Hemphill County). After producing this gust the supercell continue it' s slow track southward across the eastern Texas Panhandle.

### HEMPHILL COUNTY --- 4.5 NNW CANADIAN HEMPILL AR [35.96, -100.43], 2.4 NNW CANADIAN HEMPILL AR [35.93, -100.42]

06/22/14 20:42 CST	0	Hail (1.75 in)
06/22/14 20:43 CST	0	Source: County Official

A slow moving supercell moved out of the Oklahoma Panhandle and into the northeastern Texas Panhandle during the evening hours of the 22nd. As the supercell neared the town of Canadian (Hemphill County), a county official reported golf ball size hail (1.75 inches) 5 miles northwest of Canadian (Hemphill County). After producing this hail the supercell continue it' s slow track southward across the eastern Texas Panhandle .

### ROBERTS COUNTY --- 14.7 N LORA [35.94, -100.56], 15.3 N LORA [35.95, -100.53]

06/22/14 20:50 CST	0	Tornado (EF1, L: 1.00 mi , W: 100 yd)
06/22/14 20:53 CST	0	Source: NWS Storm Survey

A slow moving supercell thunderstorm moved southward across the eastern Texas Panhandle during the evening hours of the 22nd. This supercell produced multiple brief tornadoes over the course of several hours. This tornado began in extreme eastern Roberts County where it produced light damage at a ranch house. A barn was partially un-roofed and numerous trees were damaged. The tornado then drifted east across the Hemphill County line, generally along and just south of Red Deer Road. It damaged a second homestead approximately 7 miles west-northwest of Canadian. A metal and wood constructed barn was destroyed, with all roof panels removed and most walls collapsed. Wind estimated of 85 to 90 mph were based on damage to this particular structure. Additional tree damage also occurred at this location. After this tornado dissipated, the parent supercell continued moving south across the eastern Texas Panhandle.

### HEMPHILL COUNTY --- 14.7 N LORA [35.94, -100.56], 15.3 N LORA [35.95, -100.53]

06/22/14 20:53 CST	0	Tornado (EF1, L: 0.86 mi , W: 100 yd)
06/22/14 20:55 CST	0	Source: NWS Storm Survey

A slow moving supercell thunderstorm moved southward across the eastern Texas Panhandle during the evening hours of the 22nd. This supercell produced multiple brief tornadoes over the course of several hours. This tornado began in extreme eastern Roberts County where it produced light damage at a ranch house. A barn was partially un-roofed and numerous trees were damaged. The tornado then drifted east across the Hemphill County line, generally along and just south of Red Deer Road. It damaged a second homestead approximately 7 miles west-northwest of Canadian. A metal and wood constructed barn was destroyed, with all roof panels removed and most walls collapsed. Wind estimated of 85 to 90 mph were based on damage to this particular structure. Additional tree damage also occurred at this location. After this tornado dissipated, the parent supercell continued moving south across the eastern Texas Panhandle.

### HEMPHILL COUNTY --- 0.7 N CANADIAN [35.91, -100.38], 0.7 SE CANADIAN [35.89, -100.37]

06/22/14 21:02 CST	0	Hail (1.00 in)
06/22/14 21:03 CST	0	Source: Fire Department/Rescue

A slow moving supercell moved out of the Oklahoma Panhandle and into the northeastern Texas Panhandle during the evening hours of the 22nd. As the supercell moved over the town of Canadian (Hemphill County), the fire department reported quarter size hail (1.00 inch) in town. After producing this hail the supercell continue it's slow track southward across the eastern Texas Panhandle .

### HEMPHILL COUNTY --- 0.7 N CANADIAN [35.91, -100.38], 0.5 SSE CANADIAN [35.89, -100.38]

06/22/14 21:12 CST	0	Hail (1.00 in)
06/22/14 21:15 CST	0	Source: Fire Department/Rescue

A slow moving supercell moved out of the Oklahoma Panhandle and into the northeastern Texas Panhandle during the evening hours of the 22nd. As the supercell moved over the town of Canadian (Hemphill County), the local fire department reported quarter size hail (1.00 inch) in town. After producing this hail the supercell continue it' s slow track southward across the eastern Texas Panhandle .

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>HEMPHILL COUNTY --- 0.7 S CANADIAN HEMPHILL AR [35.89, -100.40]</b>				
	06/22/14 21:15 CST		0	Thunderstorm Wind (MG 52 kt)
	06/22/14 21:16 CST		0	Source: AWOS
<p>A slow moving supercell moved out of the Oklahoma Panhandle and into the northeastern Texas Panhandle during the evening hours of the 22nd. As the supercell moved south of the town of Canadian (Hemphill County), the TXDOT AWOS 2 miles southwest of Canadian (Hemphill County) reported a 60 mph thunderstorm downburst gust. After producing this gust the supercell continue it's slow track southward across the eastern Texas Panhandle.</p>				
<b>ROBERTS COUNTY --- 28.3 NW CODMAN [35.95, -101.08]</b>				
	06/22/14 21:32 CST		0	Thunderstorm Wind (EG 70 kt)
	06/22/14 21:34 CST		0	Source: Amateur Radio
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Spearman (Hansford County), an amateur radio operator reported an estimated 80 mph thunderstorm downburst gust 18 miles south-southeast of Spearman (Roberts County). After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
<b>OCHILTREE COUNTY --- 16.6 SSE FARNSWORTH [36.06, -100.85], 21.9 SSE FARNSWORTH [35.98, -100.84]</b>				
	06/22/14 21:40 CST		0	Thunderstorm Wind (EG 70 kt)
	06/22/14 21:42 CST		0	Source: Amateur Radio
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Wolf Creek Park (Ochiltree County), an amateur radio operator reported an estimated 80 mph thunderstorm downburst gust 15 miles southwest of Wolf Creek Park (Ochiltree County). After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
<b>ROBERTS COUNTY --- 25.3 NNW CODMAN [35.96, -100.97]</b>				
	06/22/14 21:48 CST		0	Thunderstorm Wind (MG 53 kt)
	06/22/14 21:50 CST		0	Source: AWOS
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Miami (Roberts County), the TXDOT AWOS 26 miles northwest of Miami (Roberts County) measured a 61 mph thunderstorm downburst. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
<b>GRAY COUNTY --- 1.3 ESE PAMPA LEFORS ARPT [35.61, -100.98]</b>				
	06/22/14 22:11 CST		0	Thunderstorm Wind (EG 56 kt)
	06/22/14 22:13 CST		0	Source: Amateur Radio
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Perryton (Ochiltree County), a member of the public reported an estimated 80 mph thunderstorm downburst gust in town. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
<b>GRAY COUNTY --- 1.5 NNE PAMPA [35.55, -100.96]</b>				
	06/22/14 22:25 CST		0	Thunderstorm Wind (EG 83 kt)
	06/22/14 22:26 CST		0	Source: Emergency Manager
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Pampa (Gray County), the city Emergency Manager reported an estimated 95 mph thunderstorm downburst gust in town which blew down several trees, destroyed a travel trailer, and downed power lines. After producing this downburst gust the line continued to move to the south-southeast across the Texas Panhandle.</p>				
<b>GRAY COUNTY --- 2.4 ENE PAMPA [35.54, -100.93]</b>				
	06/22/14 22:25 CST		0	Thunderstorm Wind (MG 81 kt)
	06/22/14 22:26 CST		0	Source: Mesonet
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Pampa (Gray County), the West Texas Mesonet site 2 east-southeast of Pampa (Gray County) reported a 93 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
<b>GRAY COUNTY --- 2.6 ENE PAMPA [35.55, -100.93]</b>				
	06/22/14 22:25 CST		0	Thunderstorm Wind (EG 70 kt)
	06/22/14 22:26 CST		0	Source: Amateur Radio



## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Pampa (Gray County), an amateur radio operator reported an estimated 80 mph thunderstorm downburst gust which blew large tree limbs down 2 miles east of Pampa (Gray County). After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
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<b>GRAY COUNTY --- 1.3 ENE LEFORS [35.44, -100.80]</b>				
	06/22/14 22:28 CST		0	Thunderstorm Wind (EG 61 kt)
	06/22/14 22:30 CST		0	Source: Storm Chaser
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Lefors (Gray County), a storm chaser reported an estimated 70 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south-southeast across the Texas Panhandle.</p>				
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<b>POTTER COUNTY --- 6.4 NNW AMARILLO [35.29, -101.85]</b>				
	06/22/14 22:30 CST		0	Thunderstorm Wind (EG 61 kt)
	06/22/14 22:32 CST		0	Source: Broadcast Media
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Amarillo (Potter County), a local broadcast television station reported an estimated 70 mph thunderstorm downburst gust 6 miles north-northwest of Amarillo (Potter County). After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
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<b>GRAY COUNTY --- 2.4 ENE PAMPA [35.54, -100.93]</b>				
	06/22/14 22:35 CST		0	Thunderstorm Wind (MG 56 kt)
	06/22/14 22:36 CST		0	Source: Mesonet
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Pampa (Gray County), the West Texas Mesonet site reported a 64 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south-southeast across the Texas Panhandle.</p>				
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<b>POTTER COUNTY --- 7.3 NNW (AMA)AMARILLO INTL A [35.32, -101.76]</b>				
	06/22/14 22:35 CST		0	Thunderstorm Wind (MG 50 kt)
	06/22/14 22:36 CST		0	Source: Mesonet
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Amarillo (Potter County), the West Texas Mesonet site nine miles north-northeast of Amarillo (Potter County) reported a 58 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
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<b>ROBERTS COUNTY --- 0.9 SW MIAMI [35.69, -100.64]</b>				
	06/22/14 22:35 CST		0	Thunderstorm Wind (EG 61 kt)
	06/22/14 22:36 CST		0	Source: Law Enforcement
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Miami (Roberts County), local law enforcement reported an estimated 70 mph thunderstorm downburst gust which damaged two homes. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
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<b>RANDALL COUNTY --- 5.1 W TIMBERCREEK CANYON [35.06, -101.91]</b>				
	06/22/14 22:36 CST		0	Thunderstorm Wind (MG 61 kt)
	06/22/14 22:38 CST		0	Source: Broadcast Media
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared Timbercreek Canyon (Randall County), KVll Schoolnet at Lakeview Elementary (Randall County) reported a 70 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
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<b>POTTER COUNTY --- 7.3 NNW (AMA)AMARILLO INTL A [35.32, -101.76]</b>				
	06/22/14 22:38 CST		0	Thunderstorm Wind (MG 51 kt)
	06/22/14 22:40 CST		0	Source: Mesonet
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Amarillo (Potter County), the West Texas Mesonet site nine miles north-northeast of Amarillo (Potter County) reported a 59 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
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<b>POTTER COUNTY --- AMARILLO [35.20, -101.82]</b>				
	06/22/14 22:38 CST		0	Thunderstorm Wind (EG 52 kt)
	06/22/14 22:39 CST		0	Source: Public

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Amarillo (Potter County), a member of the public reported an estimated 60 mph thunderstorm downburst which blew the roof off of a carport and a large tree down. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
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<b>RANDALL COUNTY --- 5.1 SSW AMARILLO [35.13, -101.85]</b>				
	06/22/14 22:38 CST		0	Thunderstorm Wind (MG 53 kt)
	06/22/14 22:39 CST		0	Source: Broadcast Media
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Amarillo (Randall County), KVII Schoolnet site at Duke Electric 5 miles south-southwest of Amarillo (Randall County) reported a 61 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
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<b>RANDALL COUNTY --- 6.1 NW TIMBERCREEK CANYON [35.11, -101.90]</b>				
	06/22/14 22:39 CST		0	Thunderstorm Wind (MG 51 kt)
	06/22/14 22:41 CST		0	Source: Broadcast Media
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Amarillo (Randall County), the KVII Schoolnet site 6 miles northwest of Timbercreek Canyon at Randall High School (Randall County) reported a 59 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
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<b>GRAY COUNTY --- 2.4 ENE PAMPA [35.54, -100.93]</b>				
	06/22/14 22:40 CST		0	Thunderstorm Wind (MG 59 kt)
	06/22/14 22:41 CST		0	Source: Mesonet
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Pampa (Gray County), the West Texas Mesonet site 2 miles east-southeast of Pampa (Gray County) reported a 68 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
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<b>RANDALL COUNTY --- 3.6 NNW LAKE TANGLEWOOD [35.11, -101.80]</b>				
	06/22/14 22:45 CST		0	Thunderstorm Wind (MG 50 kt)
	06/22/14 22:46 CST		0	Source: Mesonet
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Amarillo (Randall County), the West Texas Mesonet 4 miles north-northwest of Lake Tanglewood (Randall County) reported a 58 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
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<b>POTTER COUNTY --- (AMA)AMARILLO INTL A [35.22, -101.72]</b>				
	06/22/14 22:46 CST		0	Thunderstorm Wind (MG 58 kt)
	06/22/14 22:47 CST		0	Source: ASOS
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Amarillo (Potter County), the NWS ASOS 6 miles east-northeast of Amarillo (Potter County) reported a 67 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
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<b>RANDALL COUNTY --- 3.6 NNW LAKE TANGLEWOOD [35.11, -101.80]</b>				
	06/22/14 22:46 CST		0	Thunderstorm Wind (MG 56 kt)
	06/22/14 22:47 CST		0	Source: Mesonet
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Amarillo (Randall County), the West Texas Mesonet site 4 miles north-northwest of Lake Tanglewood (Randall County) reported a 64 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.</p>				
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<b>POTTER COUNTY --- 4.0 ENE (AMA)AMARILLO INTL A [35.25, -101.66]</b>				
	06/22/14 22:47 CST		0	Thunderstorm Wind (MG 51 kt)
	06/22/14 22:48 CST		0	Source: Broadcast Media
<p>A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Amarillo (Randall County), the KVII Schoolnet site 5 miles west-northwest of Timbercreek Canyon at Midway Alternative High School (Randall County) reported a 60 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south-southeast across the Texas Panhandle.</p>				
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<b>RANDALL COUNTY --- 4.7 WNW TIMBERCREEK CANYON [35.07, -101.90]</b>				

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/22/14 22:47 CST		0	Thunderstorm Wind (MG 52 kt)
	06/22/14 22:48 CST		0	Source: Broadcast Media

A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Amarillo (Potter County), the KVII Schoolnet site 7 miles southwest of Pantex at Highland Park High School (Potter County) reported a 59 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.

### RANDALL COUNTY --- 3.0 NNW PALO DURO CANYON STATE PARK [34.99, -101.69]

06/22/14 23:04 CST		0	Thunderstorm Wind (MG 53 kt)
06/22/14 23:06 CST		0	Source: Mesonet

A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Amarillo (Randall County), the West Texas Mesonet site 3 miles north-northwest of Palo Duro Canyon (Randall County) reported a 61 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.

### GRAY COUNTY --- 1.8 ENE MC LEAN [35.24, -100.57]

06/22/14 23:10 CST		0	Thunderstorm Wind (MG 52 kt)
06/22/14 23:11 CST		0	Source: Mesonet

A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of McLean (Gray County), the West Texas Mesonet site 1 mile east-northeast of McLean (Gray County) reported a 60 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.

### ARMSTRONG COUNTY --- 12.2 SW CLAUDE [34.98, -101.50]

06/22/14 23:19 CST		0	Thunderstorm Wind (MG 51 kt)
06/22/14 23:20 CST		0	Source: Mesonet

A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Claude (Gray County), the West Texas Mesonet site 12 miles southwest of Claude (Gray County) reported a 59 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.

### DONLEY COUNTY --- 1.8 WSW CLARENDON [34.92, -100.93]

06/22/14 23:30 CST		0	Thunderstorm Wind (MG 52 kt)
06/22/14 23:31 CST		0	Source: Mesonet

A line of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the late night hours of the 22nd. As the line neared the town of Clarendon (Donley County), the West Texas Mesonet site 2 miles west-southwest of Clarendon (Donley County) reported a 60 mph thunderstorm downburst gust. After producing this downburst gust the line continued to move to the south- southeast across the Texas Panhandle.

**A favorable northwest flow aloft pattern and abundant moisture resulted in a round of severe convection for the 22nd and into the early morning hours of the 23rd. A discrete supercell developed over the Oklahoma Panhandle during the early afternoon hours of the 22nd. This supercell would go on to produce several brief tornadoes and hail up to the size of tennis balls while slowly moving southward across the far eastern Oklahoma and Texas Panhandles. The outflow from this tornadic supercell interacted with discrete storms developing along a southward moving cold front over western Kansas, and caused the storms to transition into a linear structure. This line would enter the central Oklahoma Panhandle and north central Texas Panhandle around 8 PM CST. Both the line of thunderstorms and the tornadic supercell moved southward across the Texas Panhandle before the tornadic supercell joined with line around 11 PM CST. The combined line moved southward and exited the southern Texas Panhandle around 1 AM CST on the 23rd.**

### HEMPHILL COUNTY --- 2.6 N CANADIAN [35.94, -100.37], 2.3 N CANADIAN [35.93, -100.37], 2.0 NE CANADIAN [35.92, -100.35], 2.5 NE CANADIAN [35.92, -100.35], 2.7 NNE CANADIAN [35.94, -100.37]

06/23/14 09:00 CST	2	0	Flood (due to Heavy Rain)
06/23/14 12:00 CST		0	Source: Broadcast Media

Reports state two female horseback riders (one 24 years old the other 6 years old) traveling along the banks went missing prior to noon on Monday June 23rd. By 7 PM that day, search and rescue crews located the still saddled horse the females were last seen riding downstream of the US 60 bridge spanning the Canadian River. Roughly 15 minutes later the remains of the 6 year old were recovered. The remains of the 24 year old female were recovered 5 days later 2 miles downstream from the US 60 bridge. Preliminary autopsy results showed the cause of death to be drowning.

Direct Fatalities: F6IW, F24IW

**A slow moving supercell thunderstorm produced periods of heavy rain over Hemphill County during the afternoon hours of the 22nd. This heavy rain led to the Canadian River to rise above banks at the town of Canadian (Hemphill County) by 7:30 AM on the 23rd.**

### RANDALL COUNTY --- 2.1 NNW UMBARGER [34.98, -102.11], 5.1 ENE UMBARGER [34.98, -102.02]

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/24/14 06:02 CST		0	Hail (1.00 in)
	06/24/14 06:05 CST		0	Source: Public
<p>A cluster of storms moved out of the Eastern Plains of New Mexico during the late morning hours of the 24th. As this cluster neared the town of Umbarger (Randall County), a member of the public 2 miles north of Umbarger (Randall County) reported hail up to the size of quarters (1.00 inch). After producing this hail, the cluster of storms continued to slowly move eastward across the southern Texas Panhandle .</p>				
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<b>DEAF SMITH COUNTY --- 0.9 NW HEREFORD MUNI ARPT [34.86, -102.33]</b>				
	06/24/14 06:35 CST		0	Thunderstorm Wind (MG 51 kt)
	06/24/14 06:36 CST		0	Source: AWOS
<p>A cluster of storms moved out of the Eastern Plains of New Mexico during the late morning hours of the 24th. As this cluster moved over the town of Hereford (Deaf Smith County), the NWS ASOS 5 miles east-northeast of Hereford (Deaf Smith County) reported a 59 mph downburst wind. After producing this downburst, the cluster of storms continued to slowly move across the southern Texas Panhandle .</p>				
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<b>DEAF SMITH COUNTY --- 0.9 NW HEREFORD MUNI ARPT [34.86, -102.33]</b>				
	06/24/14 06:55 CST		0	Thunderstorm Wind (MG 57 kt)
	06/24/14 06:56 CST		0	Source: AWOS
<p>A cluster of storms moved out of the Eastern Plains of New Mexico during the late morning hours of the 24th. As this cluster moved over the town of Hereford (Deaf Smith County), the NWS ASOS 5 miles east-northeast of Hereford (Deaf Smith County) reported a 66 mph downburst wind. After producing this downburst, the cluster of storms continued to slowly move across the southern Texas Panhandle .</p>				
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<b>RANDALL COUNTY --- 3.9 SSW BUFFALO LAKE [34.82, -102.15], 2.8 SSE BUFFALO LAKE [34.83, -102.11]</b>				
	06/24/14 07:15 CST		0	Hail (1.00 in)
	06/24/14 07:16 CST		0	Source: Public
<p>A cluster of storms moved out of the Eastern Plains of New Mexico during the late morning hours of the 24th. As this cluster moved east of the town of Hereford (Deaf Smith County), a member of the public 14 miles east of Hereford (Deaf Smith County) reported a hail up to the size of quarters (1.00 inch). After producing this hail, the cluster of storms continued to slowly move across the southern Texas Panhandle .</p>				
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<b>HANSFORD COUNTY --- 4.5 W GRUVER [36.26, -101.48], 6.2 S GRUVER [36.18, -101.38]</b>				
	06/24/14 20:45 CST		0	Hail (0.88 in)
	06/24/14 20:46 CST		0	Source: Law Enforcement
<p>A cluster of thunderstorms moved out of the Oklahoma Panhandle during the late evening hours of the 24th. As this cluster of storms near the town of Gruver (Hansford County), a local law enforcement official 4 miles west of Gruver (Hansford County) reported hail up to the size of nickels (0.88 inch). After producing this hail, the cluster of storms continued to slowly move southeastward across the Texas Panhandle .</p>				
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<b>HANSFORD COUNTY --- 0.9 SE MORSE [36.06, -101.47]</b>				
	06/24/14 21:03 CST		0	Thunderstorm Wind (EG 52 kt)
	06/24/14 21:04 CST		0	Source: Trained Spotter
<p>A cluster of thunderstorms moved out of the Oklahoma Panhandle during the late evening hours of the 24th. As this cluster of storms moved over the town of Morse (Hansford County), a trained storm spotter reported a estimated 60 mph thunderstorm downburst wind. After producing this downburst, the cluster of storms continued to slowly move southeastward across the Texas Panhandle .</p>				
<p><b>Northwest flow aloft allowed several weak upper level shortwave troughs to move across the Panhandle on the 24th. This upper air pattern is associated with active weather for the Texas Panhandle. Typically with this pattern storms develop over southeastern Colorado and move southeastward into the Panhandle. This track coupled with marginal to moderate instability caused the development of severe thunderstorms off and on through the day.</b></p>				
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<b>RANDALL COUNTY --- 1.3 ESE UMBARGER [34.94, -102.08], 2.6 N UMBARGER [34.99, -102.10], 18.7 W UMBARGER [35.00, -102.42], 17.8 W BUFFALO LAKE [34.90, -102.43], 3.2 SSE UMBARGER [34.91, -102.07]</b>				
	06/24/14 07:35 CST		0	Flash Flood (due to Heavy Rain)
	06/24/14 08:30 CST		0	Source: Fire Department/Rescue
<p>A cluster of slow moving thunderstorms moved into the southwestern Texas Panhandle during the late morning hours of the 24th. This cluster of storms produced very heavy rain with reports of up to 4.50 inches of rain being produced in 2 hours. This heavy rain led to the development of flash flooding on Farm to Market road 809 west of the town of Umbarger (Randall County) between Highway 60 and Pondaseta Road. Once rain ended by 8:30 AM CST, flash flooding quickly came to an end.</p>				
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<b>DEAF SMITH COUNTY --- 7.1 NE DAWN [34.99, -102.10], 2.0 NW MILO CENTER [35.00, -102.42], 7.8 SW MILO CENTER [34.90, -102.50], 7.3 E DAWN [34.91, -102.07]</b>				

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/24/14 07:55 CST		0	Flash Flood (due to Heavy Rain)
	06/24/14 08:30 CST		0	Source: Fire Department/Rescue

A cluster of slow moving thunderstorms moved into the southwestern Texas Panhandle during the late morning hours of the 24th. This cluster of storms produced very heavy rain with reports of up to 4.50 inches of rain being produced in 2 hours. This heavy rain led to the development of flash flooding on Farm to Market road 1062 north of the town of Hereford (Deaf Smith County). Once rain ended by 8:30 AM CST, flash flooding quickly came to an end.

**Northwest flow aloft allowed several weak upper level shortwave troughs to move across the Panhandle from the 24th through the 25th. This upper air pattern is associated with active weather for the Texas/Oklahoma Panhandles. Typically with this pattern storms develop over southeastern Colorado and move southeastward into the Panhandle. Storms that developed on the 24th formed under weak steering flow and had access to PWAT values near 1.25 inches. This allowed storms to produce period of heavy rain. One such area across the southwestern Texas Panhandle that received heavy rain resulted in flash flooding.**

**DONLEY COUNTY --- 0.6 E HEDLEY [34.87, -100.66], 5.0 NNE HEDLEY [34.93, -100.63]**

06/27/14 20:14 CST	0	Hail (1.25 in)
06/27/14 20:15 CST	0	Source: Law Enforcement

A discrete supercell moving northeastward entered southern Donley County around 8 PM CST. As this supercell moved over the town of Hedley (Donley County), a law enforcement official reported half dollar size hail (1.25 inches). After producing this hail, the supercell continued to move northeastward across the county.

**DONLEY COUNTY --- 1.8 ENE JERICHO [35.18, -100.89], 6.6 NNE JERICHO [35.25, -100.87]**

06/27/14 20:15 CST	0	Hail (1.75 in)
06/27/14 20:16 CST	0	Source: Storm Chaser

A discrete supercell moving northeastward entered southern Donley County around 8 PM CST. As this supercell moved north of the town of Clarendon (Donley County), a storm chaser reported golf ball size hail (1.75 inches) at the intersection of Interstate 40 and US Highway 70 (Donley County). After producing this hail, the supercell continued to move northeastward across the county.

**GRAY COUNTY --- 8.5 W ALANREED [35.21, -100.88], 8.1 WNW ALANREED [35.28, -100.85]**

06/27/14 20:18 CST	0	Hail (1.50 in)
06/27/14 20:19 CST	0	Source: Public

A discrete supercell moving northeastward entered southern Donley County around 8 PM CST. As this supercell moved north of the town of Clarendon (Donley County), a member of the public reported that ping pong ball size hail (1.50 inches) damaged a skylight on a camper at Lake McClellan (Donley County). After producing this hail, the supercell continued to move northeastward across the county.

**DONLEY COUNTY --- 4.3 SSE HOWARDWICK [35.01, -100.90], 3.8 ENE HOWARDWICK [35.10, -100.86]**

06/27/14 21:29 CST	0	Hail (1.00 in)
06/27/14 21:30 CST	0	Source: Storm Chaser

Another discrete supercell moving northeastward entered southern Donley County around 10 PM CST. As this supercell moved near the town of Howardwick (Donley County), a storm chaser reported quarter size hail (1.00 inch). After producing this hail, the supercell continued to move northeastward across the county.

**DONLEY COUNTY --- 14.8 E JERICHO [35.14, -100.66], 17.1 E JERICHO [35.21, -100.62]**

06/27/14 22:10 CST	0	Hail (1.00 in)
06/27/14 22:11 CST	0	Source: Trained Spotter

Another discrete supercell moving northeastward entered southern Donley County around 10 PM CST. As this supercell moved north of the town of Hedley (Donley County), a trained storm spotter reported quarter size hail (1.00 inch) 19 miles north of Hedley (Donley County). After producing this hail, the supercell continued to move northeastward across the county.

**A brief round of severe thunderstorms impacted the southern Texas Panhandle during the late evening hours of the 27th. These thunderstorms developed over northwest Texas along a surface trough and in response to a shortwave trough ejecting northeastward out of southern New Mexico. These thunderstorms moved to the north-northeast along the surface trough to enter the southern Texas Panhandle around 7 PM CST. These storms would produce hail between the sizes of a quarter to golf balls. By 10 PM, the storms dissipated due to the loss of daytime heating and upper level support from the shortwave trough.**

**DALLAM COUNTY --- 15.4 NE WARE [36.35, -102.52]**

06/30/14 20:40 CST	0	Thunderstorm Wind (EG 65 kt)
06/30/14 20:41 CST	0	Source: Public

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A cluster of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved near the town of Dalhart (Dallam County), a member of the public reported an estimated 75 mph thunderstorm downburst wind 20 miles north Dalhart (Dallam County). After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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**MOORE COUNTY --- 0.9 NE DUMAS MUNI ARPT [35.86, -102.01]**

	06/30/14 21:35 CST	0		Thunderstorm Wind (MG 57 kt)
	06/30/14 21:36 CST	0		Source: AWOS

A cluster of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved near the town of Dumas (Moore County), the NWS ASOS 3 miles west of Dumas (Moore County) reported a 66 mph thunderstorm downburst. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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**HANSFORD COUNTY --- 6.9 S GRUVER [36.17, -101.41], 8.2 SSE GRUVER [36.15, -101.36]**

	06/30/14 21:53 CST	0		Hail (1.00 in)
	06/30/14 21:54 CST	0		Source: Law Enforcement

A cluster of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved near the town of Gruver (Hansford County), a local law enforcement officer reported hail up to the size of quarters (1.00 inch) 6 miles south of Gruver (Hansford County). After producing this hail the cluster of thunderstorms continued to move to the southeast.

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**HANSFORD COUNTY --- 0.9 SE MORSE [36.06, -101.47]**

	06/30/14 21:55 CST	0		Thunderstorm Wind (EG 52 kt)
	06/30/14 21:56 CST	0		Source: Trained Spotter

A cluster of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved near the town of Morse (Hansford County), a trained storm spotter reported an estimated 60 mph thunderstorm downburst. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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**HUTCHINSON COUNTY --- 0.7 N STINNETT [35.83, -101.45]**

	06/30/14 22:02 CST	0		Thunderstorm Wind (MG 57 kt)
	06/30/14 22:03 CST	0		Source: Broadcast Media

A cluster of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved near the town of Stinnett (Hutchinson County), the KVII schoolnet site 1 mile west-northwest of Stinnett (Hutchinson County) reported a 66 mph thunderstorm downburst. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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**HUTCHINSON COUNTY --- 0.7 N FRITCH [35.64, -101.60]**

	06/30/14 22:25 CST	0		Thunderstorm Wind (EG 52 kt)
	06/30/14 22:26 CST	0		Source: Public

A cluster of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved near the town of Fritch (Hutchinson County), a member of the public reported a estimated 60 mph thunderstorm downburst. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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**HUTCHINSON COUNTY --- 0.7 N FRITCH [35.64, -101.60]**

	06/30/14 22:25 CST	0		Thunderstorm Wind (EG 52 kt)
	06/30/14 22:26 CST	0		Source: Public

A cluster of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved near the town of Fritch (Hutchinson County), a member of the public reported an estimated 60 mph thunderstorm downburst destroyed a metal car port. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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**LIPSCOMB COUNTY --- LIPSCOMB [36.23, -100.27]**

	06/30/14 22:26 CST	0		Thunderstorm Wind (EG 52 kt)
	06/30/14 22:27 CST	0		Source: Law Enforcement

A cluster of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved near the town of Lipscomb (Lipscomb County), a local law enforcement officer reported an estimated 60 mph thunderstorm downburst. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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**ROBERTS COUNTY --- 7.8 NW MIAMI [35.77, -100.74]**

	06/30/14 22:46 CST	0		Thunderstorm Wind (MG 51 kt)
	06/30/14 22:47 CST	0		Source: Broadcast Media

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A cluster of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved near the town of Miami (Roberts County), the KVII schoolnet site 8 miles northwest of Miami (Roberts County) reported a 59 mph thunderstorm downburst. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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**ROBERTS COUNTY --- 7.5 NW LORA [35.81, -100.64]**

06/30/14 22:47 CST	0	Thunderstorm Wind (MG 55 kt)
06/30/14 22:48 CST	0	Source: Broadcast Media

A cluster of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved near the town of Miami (Roberts County), the KVII schoolnet site 8 miles north of Miami (Roberts County) reported a 63 mph thunderstorm downburst. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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**HEMPHILL COUNTY --- CANADIAN [35.90, -100.38]**

06/30/14 23:00 CST	0	Thunderstorm Wind (EG 56 kt)
06/30/14 23:01 CST	0	Source: Law Enforcement

A cluster of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved near the town of Canadian (Hemphill County), a local law enforcement officer reported that an estimated 64 mph downburst downed powerlines at the intersection of 3rd Street and Elsie Ave (Hemphill County). After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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**HEMPHILL COUNTY --- 9.0 SE CANADIAN [35.81, -100.27]**

06/30/14 23:10 CST	0	Thunderstorm Wind (EG 56 kt)
06/30/14 23:11 CST	0	Source: Law Enforcement

A cluster of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved near the town of Canadian (Hemphill County), a local law enforcement officer reported that an estimated 64 mph downburst downed trees which are blocking Highway 33 between County Roads 17 and 18 (Hemphill County). After producing this downburst the cluster of thunderstorms continued to move to the southeast.

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**HEMPHILL COUNTY --- 6.0 E CANADIAN [35.90, -100.27]**

06/30/14 23:11 CST	0	Thunderstorm Wind (MG 56 kt)
06/30/14 23:12 CST	0	Source: Mesonet

A cluster of thunderstorms moved out of the Oklahoma Panhandle and into the Texas Panhandle during the evening hours of the 30th. As this cluster of thunderstorms moved near the town of Canadian (Hemphill County), the West Texas Mesonet site 6 miles east of Canadian (Hemphill County) reported a 64 mph downburst gust. After producing this downburst the cluster of thunderstorms continued to move to the southeast.

**The Texas Panhandle saw a round of severe convection during the late evening hours of the 30th. Northwest flow aloft allowed the passage of an upper level shortwave trough which combined with a sufficiently moist and unstable atmosphere to help initiate this convection. The convection developed along the leading edge of a southward moving cold front across southeast Colorado and northeastern New Mexico. These storms then moved into the Texas Panhandle during the evening hours. Some of the storms became severe, with damaging winds as the primary hazard. Shortly before midnight on the 1st, the shortwave moved sufficiently east to bring an end to the severe threat across the Texas Panhandle.**

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**(TX-Z008) HUTCHINSON, (TX-Z014) GRAY**

06/30/14 22:00 CST	0	High Wind (MAX 57 kt)
06/30/14 23:00 CST	0	

Outflow from severe thunderstorms led to brief high wind conditions for isolated locations in the Texas Panhandle during the late night hours of the 30th. This outflow led to the Borger (Hutchinson County) ASOS to reported sustained 41 mph winds for one hour ending at 11 PM CST. This outflow also caused a 66 mph high wind gust at the TXDOT AWOS site 2 miles east-southeast of Pampa (Gray County) at 10:55 PM CST.