Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Panhandle				
TEXAS COUNTY 10.6 NE EVA [36.92,	-101.78J 08/10/17 21:10 CST		0	Thunderstorm Wind (MG 64 kt)
	08/10/17 21:10 CST		0	Source: Mesonet
TEXAS COUNTY 0.9 NW (GUY)GUYM	ION MIINI ARP [36 69 -101 51]			
12340 000111 0.01111 (001)001111	08/10/17 21:40 CST		0	Thunderstorm Wind (MG 53 kt)
	08/10/17 21:40 CST		0	Source: ASOS
BEAVER COUNTY 3.0 NW LOGAN [30	6.60, -100.26]			
-	08/10/17 21:55 CST		0	Thunderstorm Wind (MG 50 kt)
	08/10/17 21:55 CST		0	Source: Mesonet
BEAVER COUNTY SLAPOUT [36.62,	-100.12]			
-	08/10/17 21:59 CST		0	Hail (1.50 in)
	08/10/17 21:59 CST		0	Source: Public
Reported by viewer to local media.				
developed across SE Colorado moved s TEXAS COUNTY 10.6 NE EVA [36.92,		wind gusts acros	os the OK Panhand	Thunderstorm Wind (MG 53 kt) Source: Mesonet
TEXAS COUNTY 1.5 NNE GUYMON [	<u>=</u>			
	08/17/17 19:34 CST		0	Thunderstorm Wind (MG 54 kt)
	08/17/17 19:34 CST		0	Source: Broadcast Media
TEXAS COUNTY 1.4 N GUYMON [36.	70, -101.48]			
	08/17/17 19:35 CST		0	Hail (0.88 in)
	08/17/17 19:35 CST		0	Source: Emergency Manager
TEXAS COUNTY 1.4 N GUYMON [36.	70, -101.48]			
	08/17/17 19:35 CST		0	Thunderstorm Wind (EG 56 kt)
	08/17/17 19:35 CST		0	Source: Emergency Manager
Estimated wind gust of 65 MPH by Emerg	gency Manager.			
CIMARRON COUNTY 3.0 SSE BOISE	CITY [36.69, -102.50]			
	08/18/17 00:15 CST		0	Thunderstorm Wind (MG 51 kt)
	08/18/17 00:15 CST		0	Source: Mesonet
A total of 2 rounds of severe weather m morning hours on the 18th. The first round of the trough, strong upper in the Panhandles allowed SE winds to ad around 4000 J/kg, MUCAPE of around 2 maintain themselves, especially on the	und of severe weather was out ahea evel omega values provided good li lvect sufficient low level moisture al 2500 J/Kg and effective shear of 35-5	d of a shortwave to ft in the atmosphe nead of the shortw 60 kts. This was an	trough moving SE ere. in-conjunction wave trough. This per an armine the per armi	out of northern Colorado. , a low level ridge east of produced SBCAPE of supercell to develop and

producing gusty winds and large hail. The second round of storms started early in the morning of the 18th as a second line segment moved south into western OK panhandle. This was associated with the trough axis moving over the OK Panhandle providing very good divergence aloft. However, the time of day limited CAPE, but enough shear and divergence aloft developed a second line of storms with

damaging wind reports.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS COUNTY 10.6 NE EVA [36.92, -101.78]				
	08/27/17 18:50 CST		0	Thunderstorm Wind (MG 64 kt)
	08/27/17 18:50 CST		0	Source: Mesonet
TEXAS COUNTY 0.9 NW TEXHOMA [36.51, -10	-			
	08/27/17 19:45 CST		0	Hail (0.88 in)
	08/27/17 19:45 CST		0	Source: Law Enforcement

Mostly dime size hail with a few nickels. Max wind gusts were 50 MPH.

The environment for the storms that transpired on the 27th were in a high CAPE, low shear environment. A large upper level anti-cyclonic flow across the inter-mountain west. The main linear complex moving SE through Kansas earlier in the day on the east side of the large anti-cyclone along a cold front was the main lift axis for storm development. However, residual outflow from convection moving southwest from thew main complex in KS moved toward our region ahead of the front into an environment with good mid level lapse rates and good SBCAPE resulted in left moving convection through parts of the central and western Panhandles into the late evening hours. Convection that regenerated in SW Kansas eventually formed a bowed segment and severe wind gusts were reported. The line segments eventually became disorganized as the event went further into the evening moving further SW into the SW TX Panhandle.

ΓEXAS, North Panhandle			
CARSON COUNTY 0.6 E SKELLYTO			
	08/05/17 18:35 CST	0	Thunderstorm Wind (EG 56 kt)
	08/05/17 18:35 CST	0	Source: Law Enforcement
Carson county sheriff called to report da around.	amage from the thunderstorms that had moved	over the area . Fences b	blow over and debris had been tossed
GRAY COUNTY 0.7 S PAMPA LEFO	RS ARPT [35.61, -101.00]		
	08/05/17 18:50 CST	0	Thunderstorm Wind (MG 58 kt)
	08/05/17 18:50 CST	0	Source: AWOS
GRAY COUNTY 1.5 NNE PAMPA [35	5.55, -100.96] 08/05/17 18:50 CST	0	Thunderstorm Wind (EC 79 kt)
		0	Thunderstorm Wind (EG 78 kt)
	08/05/17 18:50 CST	0	Source: NWS Storm Survey
Two separate microburets were observe	ad with thunderstorms in the Ckellytown and Da	mna areas on Saturday	evening . In Skellytown, 21 power poles
were snapped with an additional 50 pole	es snapped in the northwest and northern parts noved from several homes. A large RV was also	of the city of Pampa. No	umerous trees were uprooted or snapped
were snapped with an additional 50 pole and portions of roof coverings were rem	es snapped in the northwest and northern parts noved from several homes. A large RV was also ed to be the cause of the damage.	of the city of Pampa. No	umerous trees were uprooted or snapped
were snapped with an additional 50 pole and portions of roof coverings were rem reports, winds of 90 MPH were estimate	es snapped in the northwest and northern parts noved from several homes. A large RV was also ed to be the cause of the damage.	of the city of Pampa. No	umerous trees were uprooted or snapped

Just east of Claude on hwy 287 a couple of semi-trucks had jackknifed due to strong winds from a thunderstorm.

A complex of storms first developed across eastern NM/SE Colorado and moved SE into the Panhandles region. An embedded disturbance in the mean zonal 700-500 hPa flow helped to trigger convection. As the main convection moved into the western TX Panhandle, a residual boundary draped across the western TX Panhandle helped to develop a line of cellular convection. With SBCAPE and MUCAPE around 2,000 J/kg and forecast vertical profiles showed an inverted-v sounding indicated good mid layer dry air to mix down strong winds aloft along with steep mid level lapse rates. This resulted in several severe wind reports along with 2 documented microbursts in the TX Panhandle.

ARMSTRONG COUNTY 4.9 S WASHBURN [35.11, -101.60], 5.7 SSW WASHBURN [35.10, -101.60], 5.6 S WASHBURN [35.10, -101.59], 5.1	s
WASHBURN (35.11, -101.59)	

08/10/17 07:06 CST	0	Flash Flood (due to Heavy Rain)
08/10/17 07:06 CST	0	Source: Law Enforcement

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Flooding has been reported on county road 2 an	d fm 1151.			
RANDALL COUNTY 5.3 SW AMARILLO [35.4	15, -101.89], 5.5 SW AMARILL	.O [35.15, -101.89],	5.1 SW AMARILLO	O [35.15, -101.88], 4.9 SW
• • •	08/10/17 07:19 CST		0	Flash Flood (due to Heavy Rain)
	08/10/17 07:19 CST		0	Source: NWS Employee
nterstate 27 closed with traffic being diverted to most underpasses in downtown Amarillo.	the access roads. Flooding ha	as also been repor	ted in low spots on	interstate 40 through town as well as
OLDHAM COUNTY 6.2 S BOYS RANCH [35.4	•			Heli (4.05 in)
	08/10/17 18:20 CST		0	Hail (1.25 in)
	08/10/17 18:20 CST		0	Source: Storm Chaser
HARTLEY COUNTY 3.8 SSE CHANNING [35	.63, -102.30]			
	08/10/17 19:37 CST		0	Hail (0.88 in)
	08/10/17 19:37 CST		0	Source: Storm Chaser
ollar size hail along with nickel size hail repo  ALLAM COUNTY 6.1 SE TEXLINE [36.32, -				
·	08/13/17 16:26 CST		0	Thunderstorm Wind (EG 52 kt)
	08/13/17 16:26 CST		0	Source: Trained Spotter
rained spotter estimated wind gust of 60 MPH.				
ALL AND COUNTY TEVE INTERCORD 400 001				
OALLAM COUNTY TEXLINE [36.38, -103.02]	08/13/17 16:44 CST		0	Hail (0.75 in)
ALLAM COUNTY TEXLINE [36.38, -103.02]			0 0	Hail (0.75 in) Source: Trained Spotter
ALLAM COUNTY TEXLINE [36.38, -103.02]	08/13/17 16:44 CST			
	08/13/17 16:44 CST 08/13/17 16:44 CST 02.62]		0	Source: Trained Spotter
	08/13/17 16:44 CST 08/13/17 16:44 CST 02.62] 08/13/17 17:07 CST		0	Source: Trained Spotter  Thunderstorm Wind (EG 61 kt)
	08/13/17 16:44 CST 08/13/17 16:44 CST 02.62]		0	Source: Trained Spotter
ALLAM COUNTY 5.3 ESE WARE [36.14, -1	08/13/17 16:44 CST 08/13/17 16:44 CST 02.62] 08/13/17 17:07 CST		0	Source: Trained Spotter  Thunderstorm Wind (EG 61 kt)
DALLAM COUNTY TEXLINE [36.38, -103.02]  DALLAM COUNTY 5.3 ESE WARE [36.14, -10]  Estimated wind gust of 70 MPH.  DALLAM COUNTY 7.8 W DALHART [36.06, -10]	08/13/17 16:44 CST 08/13/17 16:44 CST 02.62] 08/13/17 17:07 CST 08/13/17 17:07 CST		0 0 0	Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Trained Spotter
DALLAM COUNTY 5.3 ESE WARE [36.14, -1	08/13/17 16:44 CST 08/13/17 16:44 CST 02.62] 08/13/17 17:07 CST 08/13/17 17:07 CST 102.66] 08/13/17 17:18 CST		0 0 0	Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Trained Spotter  Thunderstorm Wind (EG 61 kt)
DALLAM COUNTY 5.3 ESE WARE [36.14, -1	08/13/17 16:44 CST 08/13/17 16:44 CST 02.62] 08/13/17 17:07 CST 08/13/17 17:07 CST		0 0 0	Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Trained Spotter
SESTIMATE SESTING SES	08/13/17 16:44 CST 08/13/17 16:44 CST 02.62] 08/13/17 17:07 CST 08/13/17 17:07 CST 102.66] 08/13/17 17:18 CST		0 0 0	Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Trained Spotter  Thunderstorm Wind (EG 61 kt)
DALLAM COUNTY 5.3 ESE WARE [36.14, -1	08/13/17 16:44 CST 08/13/17 16:44 CST 02.62] 08/13/17 17:07 CST 08/13/17 17:07 CST 102.66] 08/13/17 17:18 CST 08/13/17 17:18 CST		0 0 0	Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Trained Spotter  Thunderstorm Wind (EG 61 kt)
SALLAM COUNTY 5.3 ESE WARE [36.14, -10] Estimated wind gust of 70 MPH.  PALLAM COUNTY 7.8 W DALHART [36.06, -10] Five power poles down in a row.	08/13/17 16:44 CST 08/13/17 16:44 CST 02.62] 08/13/17 17:07 CST 08/13/17 17:07 CST 102.66] 08/13/17 17:18 CST 08/13/17 17:18 CST		0 0 0	Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Emergency Manager  Thunderstorm Wind (EG 52 kt)
SALLAM COUNTY 5.3 ESE WARE [36.14, -10] Estimated wind gust of 70 MPH.  PALLAM COUNTY 7.8 W DALHART [36.06, -10] Five power poles down in a row.	08/13/17 16:44 CST 08/13/17 16:44 CST 02.62] 08/13/17 17:07 CST 08/13/17 17:07 CST 08/13/17 17:18 CST 08/13/17 17:18 CST		0 0 0	Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Emergency Manager
DALLAM COUNTY 5.3 ESE WARE [36.14, -10] Estimated wind gust of 70 MPH.  DALLAM COUNTY 7.8 W DALHART [36.06, -10] Five power poles down in a row.	08/13/17 16:44 CST 08/13/17 16:44 CST  02.62] 08/13/17 17:07 CST 08/13/17 17:07 CST  102.66] 08/13/17 17:18 CST 08/13/17 17:18 CST		0 0 0	Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Emergency Manager  Thunderstorm Wind (EG 52 kt)
Estimated wind gust of 70 MPH.  DALLAM COUNTY 7.8 W DALHART [36.06, Five power poles down in a row.  HARTLEY COUNTY 0.7 S DALHART [36.06, Five limbs down reported in Dalhart.	08/13/17 16:44 CST 08/13/17 16:44 CST  02.62] 08/13/17 17:07 CST 08/13/17 17:07 CST  102.66] 08/13/17 17:18 CST 08/13/17 17:18 CST 08/13/17 17:24 CST 08/13/17 17:24 CST		0 0 0	Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Emergency Manager  Thunderstorm Wind (EG 52 kt)
Estimated wind gust of 70 MPH.  DALLAM COUNTY 7.8 W DALHART [36.06, Five power poles down in a row.  HARTLEY COUNTY 0.7 S DALHART [36.06, Five limbs down reported in Dalhart.	08/13/17 16:44 CST 08/13/17 16:44 CST  02.62] 08/13/17 17:07 CST 08/13/17 17:07 CST  102.66] 08/13/17 17:18 CST 08/13/17 17:18 CST 08/13/17 17:24 CST 08/13/17 17:24 CST		0 0 0	Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Emergency Manager  Thunderstorm Wind (EG 52 kt)
Estimated wind gust of 70 MPH.  DALLAM COUNTY 7.8 W DALHART [36.06, Five power poles down in a row.	08/13/17 16:44 CST 08/13/17 16:44 CST  02.62] 08/13/17 17:07 CST 08/13/17 17:07 CST  102.66] 08/13/17 17:18 CST 08/13/17 17:18 CST 08/13/17 17:24 CST 08/13/17 17:24 CST		0 0 0 0	Thunderstorm Wind (EG 61 kt) Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Emergency Manager  Thunderstorm Wind (EG 52 kt) Source: Emergency Manager
Stimated wind gust of 70 MPH.  CALLAM COUNTY 7.8 W DALHART [36.06, ive power poles down in a row.  CARTLEY COUNTY 0.7 S DALHART [36.06, ive limbs down reported in Dalhart.	08/13/17 16:44 CST 08/13/17 16:44 CST  08/13/17 17:07 CST 08/13/17 17:07 CST  08/13/17 17:18 CST 08/13/17 17:18 CST 08/13/17 17:24 CST 08/13/17 17:24 CST 08/13/17 17:25 CST 08/13/17 17:25 CST		0 0 0 0 0	Thunderstorm Wind (EG 61 kt) Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Emergency Manager  Thunderstorm Wind (EG 52 kt) Source: Emergency Manager
Stimated wind gust of 70 MPH.  ALLAM COUNTY 7.8 W DALHART [36.06, ive power poles down in a row.  ARTLEY COUNTY 0.7 S DALHART [36.06, ree limbs down reported in Dalhart.  ARTLEY COUNTY 0.7 N (DHT)DALHART N  xtensive damage to hangars and airplanes were	08/13/17 16:44 CST 08/13/17 16:44 CST  02.62] 08/13/17 17:07 CST 08/13/17 17:07 CST  102.66] 08/13/17 17:18 CST 08/13/17 17:18 CST 08/13/17 17:24 CST 08/13/17 17:24 CST  UNI AR [36.03, -102.55] 08/13/17 17:25 CST 08/13/17 17:25 CST 08/13/17 17:25 CST		0 0 0 0 0	Thunderstorm Wind (EG 61 kt) Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Emergency Manager  Thunderstorm Wind (EG 52 kt) Source: Emergency Manager
Estimated wind gust of 70 MPH.  DALLAM COUNTY 7.8 W DALHART [36.06, Tive power poles down in a row.  HARTLEY COUNTY 0.7 S DALHART [36.06, Tiree limbs down reported in Dalhart.	08/13/17 16:44 CST 08/13/17 16:44 CST  02.62] 08/13/17 17:07 CST 08/13/17 17:07 CST  102.66] 08/13/17 17:18 CST 08/13/17 17:18 CST 08/13/17 17:24 CST 08/13/17 17:24 CST  UNI AR [36.03, -102.55] 08/13/17 17:25 CST 08/13/17 17:25 CST 08/13/17 17:25 CST		0 0 0 0 0	Thunderstorm Wind (EG 61 kt) Source: Trained Spotter  Thunderstorm Wind (EG 61 kt) Source: Emergency Manager  Thunderstorm Wind (EG 52 kt) Source: Emergency Manager

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Deaths &

Property &

**Event Type and Details** 

Date/Time

Location

Location	Date/Time	Injuries	Crop Dmg	Event Type and Details
HARTLEY COUNTY 0.7 N HARTLEY [35	5.89, -102.40]			
	08/13/17 17:48 CST		0	Thunderstorm Wind (EG 56 kt)
	08/13/17 17:48 CST		0	Source: Public
Vind damage at a gas station in the town o	f Hartley.			
DLDHAM COUNTY 1.1 W BOYS RANCH	• •			
	08/13/17 17:48 CST		0	Thunderstorm Wind (MG 51 kt)
	08/13/17 17:48 CST		0	Source: Mesonet
IOORE COUNTY 0.7 N DUMAS [35.86,	-101.97]			
-	08/13/17 17:53 CST		0	Hail (1.25 in)
	08/13/17 17:53 CST		0	Source: Amateur Radio
Hail the size of quarters to half dollars falling	g with moderate to heavy rain and v	vinds 20 to 40 mpl	h.	
MOORE COUNTY 4.8 N DUMAS [35.92,	-101.97]			
	08/13/17 18:10 CST		0	Hail (2.00 in)
	08/13/17 18:10 CST		0	Source: Public
Picture of 2 inch hail submitted from social r	media 4 miles north of Dumas.			
OALLAM COUNTY 2.6 WSW DALHART	[36.05, -102.56], 3.2 SSW DALHAF	RT [36.03, -102.55]		
	08/13/17 18:20 CST		0	Thunderstorm Wind (EG 96 kt)
	08/13/17 18:32 CST		0	Source: NWS Storm Survey
arge branches were downed, including son outheast were several power poles were be ven some of NWS ASOS equipment was cop-up camper were flipped and thrown up igh end EF-1 tornado.  POTTER COUNTY 6.9 N (AMA)AMARILI	lown down. Severe straight line dar damaged afterwards by flying debris to 50 yards. Damage at the airport LO INTL A [35.32, -101.71], 6.9 N (A 08/13/17 19:00 CST	maged peaked at t s from airport hang was estimated to l	the airport where a gers up to half a mil be from 100 to 110 half a mil be from 100 to 110 half a [35.32, -101.0]	74 MPH wind was observed with le away . Several small planes and a 0 MPH winds, which is equivalent of a  711  Tornado (EF0, L: 0.09 mi , W: 20 yd)
	08/13/17 19:01 CST		0	Source: Storm Chaser
Brief tornado lasted about one minute.				
POTTER COUNTY 4.0 ENE (AMA)AMAF				
	08/13/17 19:11 CST		0	Thunderstorm Wind (MG 68 kt)
	08/13/17 19:11 CST		0	Source: Broadcast Media
POTTER COUNTY (AMA)AMARILLO IN	TL A [35.22, -101.72]			
, , ===	08/13/17 19:12 CST		0	Thunderstorm Wind (MG 54 kt)
	08/13/17 19:12 CST		0	Source: ASOS
DEAF SMITH COUNTY 1.8 WNW HEREF	FORD [34.83102.43]			
	08/13/17 20:25 CST		0	Thunderstorm Wind (MG 57 kt)
	08/13/17 20:25 CST		0	Source: Mesonet
	33. 13. 11 20.20 331		•	

Mid to upper level northwesterly flow helped to move storms into the Panhandles region. With SBCAPE of 3000-4000 J/Kg in the western TX Panhandles, in-conjunction with 30-40 kts of effective shear, an established 850-700 surface trough over eastern NM advecting surface moisture northward downstream of its axis, along with around 200 m2/s2 of effective helicity provided an initial environment of supercell development on the onset of the convection before an MCS eventually developed and moved SE across the remainder of the TX Panhandle. Some cells across the central TX Panhandle did develop before being part of the southward moving MCS from the western TX Panhandle which one cell did produce a short lived weak tornado. Overall, several reports early on of large hail and damaging winds were reported, especially across the western TX Panhandle.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HARTLEY COUNTY 0.7 N (DHT)DALHAF				
	08/14/17 19:28 CST		0	Thunderstorm Wind (MG 52 kt)
	08/14/17 19:28 CST		0	Source: ASOS
OLDHAM COUNTY 0.9 SE VEGA [35.24,	-102.42]			
	08/14/17 20:44 CST		0	Thunderstorm Wind (MG 52 kt)
	08/14/17 20:44 CST		0	Source: Broadcast Media
A similar synoptic setup in comparison for across the region at the mid levels carried conducive for convection. With a large cap moved east and formed a line of convections the line moved southeast across the we	convection southeastward from o in place, along with limited effec on along the established localized	NM. However, on ctive shear, storm	this day, the lower is that developed v	r levels were not as west of the region quickly
HERMAN COUNTY 20.9 E LAUTZ [36.1	7, -101.66]			
	08/17/17 17:27 CST		0	Hail (1.75 in)
	08/17/17 17:27 CST		0	Source: Trained Spotter
IUTCHINSON COUNTY 6.6 NW PRINGL	E [36.02, -101.53]			
	08/17/17 18:35 CST		0	Hail (1.50 in)
	08/17/17 18:35 CST		0	Source: Storm Chaser
ANDALL COUNTY 0.9 NW LAKE TANG	LEWOOD [35.07, -101.79]			
	08/17/17 18:59 CST		0	Thunderstorm Wind (EG 52 kt)
	08/17/17 18:59 CST		0	Source: NWS Employee
WS Employee estimated a 60 MPH wind g	ust.			
OCHILTREE COUNTY 13.1 SE FARNSW				W # (0.00 · )
	08/17/17 22:25 CST 08/17/17 22:25 CST		0	Hail (0.88 in) Source: Trained Spotter
	33,, 22,20 33.			Course Hamber Spaner
CHILTREE COUNTY 13.1 SE FARNSW	• •		0	Thunderstorm Wind (FO F2 It)
	08/17/17 22:25 CST		0	Thunderstorm Wind (EG 52 kt)
	08/17/17 22:25 CST		0	Source: Trained Spotter
Measured wind gust of 60 MPH by trained s	potter.			
EMPHILL COUNTY 5.8 ENE CANADIAN	· · ·		_	
	08/17/17 23:18 CST		0	Thunderstorm Wind (MG 50 kt)
	08/17/17 23:18 CST		0	Source: Mesonet
a total of 2 rounds of severe weather move norning hours on the 18th. The first round but ahead of the trough, strong upper leve he Panhandles allowed SE winds to adver round 4000 J/kg, MUCAPE of around 2500 naintain themselves, especially on the on- producing gusty winds and large hail. The moved south into western OK panhandle. livergence aloft. However, the time of day	I of severe weather was out ahear el omega values provided good lift ct sufficient low level moisture ah D J/Kg and effective shear of 35-5 set of the precipitation. The first if second round of storms started This was associated with the trou	d of a shortwave to the shortware to the shortware the shortware to the shortware the	trough moving SE ere. in-conjunction vave trough. This p n environment for s lls moves east acro ing of the 18th as a over the OK Panha	out of northern Colorado.  In, a low level ridge east of produced SBCAPE of supercell to develop and coss the Panhandles a second line segment and providing very good
lamaging wind reports.				
lamaging wind reports.  PALLAM COUNTY 4.5 E DALHART [36.0	96, -102.44]			
	06, -102.44] 08/27/17 20:15 CST		0	Thunderstorm Wind (EG 61 kt)
	_ · =		0 0	Thunderstorm Wind (EG 61 kt) Source: Trained Spotter

HARTLEY COUNTY --- 0.7 N (DHT)DALHART MUNI AR [36.03, -102.55]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/27/17 20:27 CST		0	Thunderstorm Wind (MG 55 kt)
	08/27/17 20:27 CST		0	Source: ASOS
MOORE COUNTY 9.6 SW DUMAS MUNI ARPT	[35.75, -102.14]			
	08/27/17 20:46 CST		0	Thunderstorm Wind (MG 54 kt)
	08/27/17 20:46 CST		0	Source: Broadcast Media
OLDHAM COUNTY 1.1 W BOYS RANCH [35.53	3, -102.27]			
	08/27/17 21:10 CST		0	Thunderstorm Wind (MG 51 kt)
	08/27/17 21:10 CST		0	Source: Mesonet

The environment for the storms that transpired on the 27th were in a high CAPE, low shear environment. A large upper level anti-cyclonic flow across the inter-mountain west. The main linear complex moving SE through Kansas earlier in the day on the east side of the large anti-cyclone along a cold front was the main lift axis for storm development. However, residual outflow from convection moving southwest from thew main complex in KS moved toward our region ahead of the front into an environment with good mid level lapse rates and good SBCAPE resulted in left moving convection through parts of the central and western Panhandles into the late evening hours. Convection that regenerated in SW Kansas eventually formed a bowed segment and severe wind gusts were reported. The line segments eventually became disorganized as the event went further into the evening moving further SW into the SW TX Panhandle.

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