oft out ahead of the et the stages for li With SBCAPE aro rtheast. Early on, s	e main upper leven near convection to und 3000 J/lg and storms across the Texas Panhandle	el system; in-cor to develop acros d effective bulk s e region produce e with additional	Hail (2.50 in) Source: Trained Spotter Hail (0.88 in) Source: Trained Spotter Thunderstorm Wind (MG 53 kt) Source: Mesonet ive weather downstream njunction with good lift and se the northern Panhandles schear around 40-50 kts, a good to hail from quarters up to severe reports including a bached. Hail (0.75 in) Source: Public
18 11:34 CST 18 13:22 CST 18 13:22 CST 18 13:22 CST 18 14:25 CST 18 14:25 CST 18 14:25 CST 19 14:25 CST 19 15:20 CST 18 16:00 CST 18 16:00 CST 18 16:00 CST	e main upper leven near convection to und 3000 J/lg and storms across the Texas Panhandle	0 0 0 0 0 se stages for active system; in-corto develop acrost deffective bulk se region produce with additional on the 2nd appro	Source: Trained Spotter Hail (0.88 in) Source: Trained Spotter Thunderstorm Wind (MG 53 kt) Source: Mesonet ive weather downstream njunction with good lift and as the northern Panhandles shear around 40-50 kts, a good e hail from quarters up to severe reports including a bached. Hail (0.75 in) Source: Public
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18 13:22 CST 18 14:25 CST 18 14:25 CST 18 14:25 CST 18 14:25 CST 18 16:25 CST 18 16:00 CST 18 16:00 CST 18 16:00 CST	e main upper leven near convection to und 3000 J/lg and storms across the Texas Panhandle	0 0 0 el stages for acti el system; in-cor to develop acros d effective bulk se region produce with additional on the 2nd appro	Thunderstorm Wind (MG 53 kt) Source: Mesonet ive weather downstream njunction with good lift and ss the northern Panhandles shear around 40-50 kts, a good e hail from quarters up to severe reports including a bached. Hail (0.75 in) Source: Public
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nroughout the mor oft out ahead of the et the stages for li With SBCAPE aro rtheast. Early on, s oss the southeast exited the region a	e main upper leven near convection to und 3000 J/lg and storms across the Texas Panhandle	0 ne stages for active system; in-corto develop acros deffective bulk seregion produce with additional on the 2nd approximately of the 2nd approxi	Source: Mesonet ive weather downstream njunction with good lift and ss the northern Panhandles shear around 40-50 kts, a good e hail from quarters up to severe reports including a pached. Hail (0.75 in) Source: Public
nroughout the mor oft out ahead of the et the stages for li With SBCAPE aro rtheast. Early on, s oss the southeast exited the region a	e main upper leven near convection to und 3000 J/lg and storms across the Texas Panhandle	0 ne stages for active system; in-corto develop acros deffective bulk seregion produce with additional on the 2nd approximately of the 2nd approxi	Source: Mesonet ive weather downstream njunction with good lift and ss the northern Panhandles shear around 40-50 kts, a good e hail from quarters up to severe reports including a pached. Hail (0.75 in) Source: Public
nroughout the mor oft out ahead of the et the stages for li With SBCAPE aro rtheast. Early on, s oss the southeast exited the region a	e main upper leven near convection to und 3000 J/lg and storms across the Texas Panhandle	0 ne stages for active system; in-corto develop acros deffective bulk seregion produce with additional on the 2nd approximately of the 2nd approxi	Source: Mesonet ive weather downstream njunction with good lift and ss the northern Panhandles shear around 40-50 kts, a good e hail from quarters up to severe reports including a pached. Hail (0.75 in) Source: Public
nroughout the more off out ahead of the the stages for lie. With SBCAPE are ortheast. Early on, so so the southeast exited the region at 18 16:00 CST	e main upper leven near convection to und 3000 J/lg and storms across the Texas Panhandle	ne stages for activel system; in-corto develop acroso deffective bulk seregion produce with additional on the 2nd appro	ive weather downstream njunction with good lift and ss the northern Panhandles shear around 40-50 kts, a good e hail from quarters up to severe reports including a pached. Hail (0.75 in) Source: Public
oft out ahead of the the stages for lie with SBCAPE arounders. Early on, so sos the southeast exited the region at 18 16:00 CST	e main upper leven near convection to und 3000 J/lg and storms across the Texas Panhandle	el system; in-cor to develop acros d effective bulk s e region produce e with additional on the 2nd appro	njunction with good lift and ss the northern Panhandles shear around 40-50 kts, a good e hail from quarters up to severe reports including a pached. Hail (0.75 in) Source: Public
18 16:00 CST 18 17:20 CST		0	Source: Public
18 16:00 CST 18 17:20 CST		0	Source: Public
18 17:20 CST			
		0	Hail (1.75 in)
		0	Hail (1.75 in)
18 17:20 CST			
		0	Source: Emergency Manager
18 18:25 CST		0	Thunderstorm Wind (MG 52 kt)
18 18:25 CST		0	Source: Mesonet
surface dryline, the surface features in sells then develope derate effective sh ose line from soutl	e ingredients were icluded good thet ed in the afternoo lear of around 30 hwest to northea	e set for multi ce ta-e advection al n hours on the 1 kts did not give st along the dryli	ellular thunderstorm long with surface winds 13th across the eastern these supercells their line. However, severe wind
18 18·16 CST		0	Hail (0.88 in)
18 18:16 CST		0	Source: Law Enforcement
18 20:26 CST		0	Hail (0.75 in)
18 20:26 CST		0	Source: Trained Spotter
1 I S S S C S T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 18:25 CST Nevada developed urface dryline, the urface features in ells then developed lerate effective shose line from sout till reported. Thure 8 18:16 CST 8 20:26 CST 8 20:26 CST I to the south of a e 700-500 hPa in t	8 18:25 CST Nevada developed a 80-100 kt jet durface dryline, the ingredients were urface features included good their ells then developed in the afternoo lerate effective shear of around 30 is eline from southwest to northeat till reported. Thunderstorms then in 8 18:16 CST 8 18:16 CST 8 20:26 CST 8 20:26 CST I to the south of an anti-cyclonic feator of the south of the so	8 18:25 CST 0 Nevada developed a 80-100 kt jet downstream of its urface dryline, the ingredients were set for multi courface features included good theta-e advection a sells then developed in the afternoon hours on the feature effective shear of around 30 kts did not give use line from southwest to northeast along the dryl till reported. Thunderstorms then moved east into

in the lower levels just out ahead of the convection. This lead to some storms rotating with brief funnels within some of the supercells. Damaging winds and large hail were Late report of trees up to 2 feet diameter being felled close to the trunk due to thunderstorm

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
winds were produced with these storms	before moving east out of the region	on very late on the	e 15th.	
CIMARRON COUNTY WHEELESS [36.	- · · · · · · · · · · · · · · · · · · ·		_	
	05/16/18 15:51 CST		0	Hail (1.00 in)
	05/16/18 15:51 CST		0	Source: Trained Spotter
CIMARRON COUNTY 1.1 E WHEELES				
	05/16/18 15:53 CST		0	Hail (1.00 in)
	05/16/18 15:53 CST		0	Source: Public
Mping report.				
CIMARRON COUNTY 2.1 NNW FELT [[36.60, -102.79]			
	05/16/18 17:01 CST		0	Hail (1.25 in)
	05/16/18 17:01 CST		0	Source: Storm Chaser
Spotter network report.				
CIMARRON COUNTY 1.1 E FELT [36.5	57, -102.76]			
	05/16/18 17:05 CST		0	Hail (1.25 in)
	05/16/18 17:05 CST		0	Source: Trained Spotter
Spotter network report.				
northeast TX Panhandle did produce ha	il up to golf ball size in a few instan		. As a result, these	e storms across the
northeast TX Panhandle did produce hai	I [36.87, -100.61]			
·	I [36.87, -100.61] 05/17/18 09:10 CST		0	Hail (1.75 in)
	I [36.87, -100.61]			
BEAVER COUNTY 4.9 WSW FORGAN	1 [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST		0 0	Hail (1.75 in) Source: Public
BEAVER COUNTY 4.9 WSW FORGAN	1 [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST 1 [36.87, -100.59] 05/17/18 09:15 CST		0 0	Hail (1.75 in) Source: Public Hail (1.75 in)
BEAVER COUNTY 4.9 WSW FORGAN	1 [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST		0 0	Hail (1.75 in) Source: Public
BEAVER COUNTY 4.9 WSW FORGAN BEAVER COUNTY 3.9 WSW FORGAN	I [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST I [36.87, -100.59] 05/17/18 09:15 CST 05/17/18 09:15 CST		0 0	Hail (1.75 in) Source: Public Hail (1.75 in)
BEAVER COUNTY 4.9 WSW FORGAN BEAVER COUNTY 3.9 WSW FORGAN	I [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST I [36.87, -100.59] 05/17/18 09:15 CST 05/17/18 09:15 CST		0 0	Hail (1.75 in) Source: Public Hail (1.75 in)
·	I [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST I [36.87, -100.59] 05/17/18 09:15 CST 05/17/18 09:15 CST		0 0 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Local Official
BEAVER COUNTY 4.9 WSW FORGAN BEAVER COUNTY 3.9 WSW FORGAN BEAVER COUNTY 2.1 N BEAVER [36.	1 [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST 1 [36.87, -100.59] 05/17/18 09:15 CST 05/17/18 09:15 CST .85, -100.52] 05/17/18 09:46 CST 05/17/18 09:46 CST		0 0 0 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Local Official Hail (0.75 in)
BEAVER COUNTY 4.9 WSW FORGAN BEAVER COUNTY 3.9 WSW FORGAN BEAVER COUNTY 2.1 N BEAVER [36.	1 [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST 1 [36.87, -100.59] 05/17/18 09:15 CST 05/17/18 09:15 CST .85, -100.52] 05/17/18 09:46 CST 05/17/18 09:46 CST		0 0 0 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Local Official Hail (0.75 in)
BEAVER COUNTY 4.9 WSW FORGAN BEAVER COUNTY 3.9 WSW FORGAN BEAVER COUNTY 2.1 N BEAVER [36.	1 [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST 1 [36.87, -100.59] 05/17/18 09:15 CST 05/17/18 09:15 CST .85, -100.52] 05/17/18 09:46 CST 05/17/18 09:46 CST		0 0 0 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Local Official Hail (0.75 in) Source: Public
BEAVER COUNTY 4.9 WSW FORGAN BEAVER COUNTY 3.9 WSW FORGAN BEAVER COUNTY 2.1 N BEAVER [36.	1 [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST 1 [36.87, -100.59] 05/17/18 09:15 CST 05/17/18 09:15 CST 05/17/18 09:46 CST 05/17/18 09:46 CST 05/17/18 11:00 CST 05/17/18 11:00 CST		0 0 0 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Local Official Hail (0.75 in) Source: Public Hail (0.75 in)
BEAVER COUNTY 4.9 WSW FORGAN BEAVER COUNTY 3.9 WSW FORGAN BEAVER COUNTY 2.1 N BEAVER [36.	1 [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST 1 [36.87, -100.59] 05/17/18 09:15 CST 05/17/18 09:15 CST 05/17/18 09:46 CST 05/17/18 09:46 CST 05/17/18 11:00 CST 05/17/18 11:00 CST		0 0 0 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Local Official Hail (0.75 in) Source: Public Hail (0.75 in) Source: Trained Spotter
BEAVER COUNTY 4.9 WSW FORGAN BEAVER COUNTY 3.9 WSW FORGAN	1 [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST 1 [36.87, -100.59] 05/17/18 09:15 CST 05/17/18 09:15 CST 05/17/18 09:46 CST 05/17/18 09:46 CST 05/17/18 11:00 CST 05/17/18 11:00 CST		0 0 0 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Local Official Hail (0.75 in) Source: Public Hail (0.75 in)
BEAVER COUNTY 4.9 WSW FORGAN BEAVER COUNTY 2.1 N BEAVER [36. BEAVER COUNTY 4.1 ESE SLAPOUT	1 [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST 05/17/18 09:10 CST 1 [36.87, -100.59] 05/17/18 09:15 CST 05/17/18 09:15 CST 05/17/18 09:46 CST 05/17/18 09:46 CST 05/17/18 11:00 CST 05/17/18 11:00 CST 05/17/18 11:00 CST		0 0 0 0 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Local Official Hail (0.75 in) Source: Public Hail (0.75 in) Source: Trained Spotter Hail (1.00 in)
BEAVER COUNTY 4.9 WSW FORGAN BEAVER COUNTY 2.1 N BEAVER [36. BEAVER COUNTY 4.1 ESE SLAPOUT	1 [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST 1 [36.87, -100.59] 05/17/18 09:15 CST 05/17/18 09:15 CST 05/17/18 09:46 CST 05/17/18 09:46 CST 05/17/18 11:00 CST 05/17/18 11:00 CST 05/17/18 17:04 CST 05/17/18 17:04 CST		0 0 0 0 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Local Official Hail (0.75 in) Source: Public Hail (0.75 in) Source: Trained Spotter Hail (1.00 in) Source: Trained Spotter
BEAVER COUNTY 4.9 WSW FORGAN BEAVER COUNTY 3.9 WSW FORGAN BEAVER COUNTY 2.1 N BEAVER [36.	1 [36.87, -100.61] 05/17/18 09:10 CST 05/17/18 09:10 CST 05/17/18 09:10 CST 1 [36.87, -100.59] 05/17/18 09:15 CST 05/17/18 09:15 CST 05/17/18 09:46 CST 05/17/18 09:46 CST 05/17/18 11:00 CST 05/17/18 11:00 CST 05/17/18 11:00 CST		0 0 0 0 0	Hail (1.75 in) Source: Public Hail (1.75 in) Source: Local Official Hail (0.75 in) Source: Public Hail (0.75 in) Source: Trained Spotter Hail (1.00 in)

happened on the afternoon of the 17th. A dryline setup across the western and central combined Panhandles with SE surface flow around 30-40 kts and 500 mb flow out of the west of 40-50 kts. set the stages for good lift in the atmosphere with decent directional

Perturbation off the mean 500 mb flow downstream of a small amplitude ridge axis provided a late morning round of thunderstorms for the northeast TX/OK Panhandles. As a result, some severe criteria hail was reported. The more widespread thunderstorm activity

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
shear. DCAPE and MUCAPE values of arc hunderstorms. Large hail up to 2" were re Eventually, cells converged into line segm nours as storms finally moved to the east	eported as storms moved from we nents and moved out of the east	est to east across	the central and ea	stern Panhandles.
BEAVER COUNTY 3.0 NW LOGAN [36.6	•			
	05/18/18 17:40 CST		0	Thunderstorm Wind (MG 54 kt)
	05/18/18 17:40 CST		0	Source: Mesonet
BEAVER COUNTY 4.8 NW SLAPOUT [3	6.67, -100.18]			
	05/18/18 17:43 CST		0	Thunderstorm Wind (EG 52 kt)
	05/18/18 17:43 CST		0	Source: Trained Spotter
Spotter estimated 60 mph wind gust.				
EAVER COUNTY 3.0 NW LOGAN [36.6	60, -100.26]			
•	05/18/18 17:45 CST		0	Thunderstorm Wind (MG 51 kt)
	05/18/18 17:45 CST		0	Source: Mesonet
nd MUCAPE over 2500 J/Kg with large Coupercells then developed producing hail ongealed quickly into a line. Some cells in as the line moved quickly to the n	as big as tennis balls reported a initially did exhibit rotation befor	cross parts of the e congealing into a	northeast TX Panh	nandle. Cells then
OK-Z002) TEXAS				
	05/04/40 00 40 003			
		ard into the Oklahor	0 0 ma Panhandle. Th	High Wind (MAX 56 kt) is caused sustained winds
over 40 MPH for an hour and a gust over 6	05/24/18 01:53 CST the TX Panhandle raced northwa 65 MPH as a result. N MUNI ARP [36.69, -101.51]	ard into the Oklaho	0	is caused sustained winds
over 40 MPH for an hour and a gust over 6	05/24/18 01:53 CST the TX Panhandle raced northwa 65 MPH as a result.	ard into the Oklaho	0 ma Panhandle. Th	
EXAS COUNTY 0.9 NW (GUY)GUYMON Two main supercells developed under months the upper levels. Low-level et also developed after sunset to have stook Panhandle produce hail up to quarters	05/24/18 01:53 CST the TX Panhandle raced northwa 65 MPH as a result. N MUNI ARP [36.69, -101.51] 05/27/18 16:19 CST 05/27/18 16:19 CST oderate to strong instability, sheatorms continue into the evening has and wind gusts above 60 MPH.	ır around 30 kt, ste	0 ma Panhandle. Th 0 0 0 ep mid-level lapse	is caused sustained winds Thunderstorm Wind (MG 55 kt) Source: ASOS Prates and divergence in thern TX and southern
EXAS COUNTY 0.9 NW (GUY)GUYMON Two main supercells developed under months the upper levels. Low-level et also developed after sunset to have stook Panhandle produce hail up to quarters up to baseball sized hail and and wind gusters.	05/24/18 01:53 CST the TX Panhandle raced northwa 65 MPH as a result. N MUNI ARP [36.69, -101.51] 05/27/18 16:19 CST 05/27/18 16:19 CST oderate to strong instability, sheat orms continue into the evening has and wind gusts above 60 MPH. sts up to 60 MPH.	ır around 30 kt, ste	0 ma Panhandle. Th 0 0 0 ep mid-level lapse	is caused sustained winds Thunderstorm Wind (MG 55 kt) Source: ASOS Prates and divergence in thern TX and southern
EXAS COUNTY 0.9 NW (GUY)GUYMON Woo main supercells developed under mone upper levels. Low-level et also developed after sunset to have sto OK Panhandle produce hail up to quarters up to baseball sized hail and and wind gus	05/24/18 01:53 CST the TX Panhandle raced northwa 65 MPH as a result. N MUNI ARP [36.69, -101.51] 05/27/18 16:19 CST 05/27/18 16:19 CST oderate to strong instability, sheat orms continue into the evening has and wind gusts above 60 MPH. sts up to 60 MPH.	ır around 30 kt, ste	0 ma Panhandle. Th 0 0 0 ep mid-level lapse	is caused sustained winds Thunderstorm Wind (MG 55 kt) Source: ASOS Prates and divergence in thern TX and southern
EXAS COUNTY 0.9 NW (GUY)GUYMON Woo main supercells developed under mone upper levels. Low-level et also developed after sunset to have sto OK Panhandle produce hail up to quarters up to baseball sized hail and and wind gus	05/24/18 01:53 CST the TX Panhandle raced northwa 55 MPH as a result. N MUNI ARP [36.69, -101.51] 05/27/18 16:19 CST 05/27/18 16:19 CST oderate to strong instability, sheat orms continue into the evening has and wind gusts above 60 MPH. sts up to 60 MPH.	ır around 30 kt, ste	0 ma Panhandle. Th 0 0 ep mid-level lapse percell across nort	Thunderstorm Wind (MG 55 kt) Source: ASOS e rates and divergence in thern TX and southern ral TX Panhandle produced
TEXAS COUNTY 0.9 NW (GUY)GUYMON Two main supercells developed under month the upper levels. Low-level tet also developed after sunset to have stooch to be a supercelled and and wind gusters. Texas County 6.2 N TEXHOMA [36.55]	05/24/18 01:53 CST the TX Panhandle raced northwa 55 MPH as a result. N MUNI ARP [36.69, -101.51] 05/27/18 16:19 CST 05/27/18 16:19 CST oderate to strong instability, sheat orms continue into the evening has and wind gusts above 60 MPH. sts up to 60 MPH. 9, -101.78] 05/28/18 16:42 CST 05/28/18 16:42 CST	ır around 30 kt, ste	0 0 0 ep mid-level lapse percell across nord	Thunderstorm Wind (MG 55 kt) Source: ASOS rates and divergence in thern TX and southern ral TX Panhandle produced Hail (0.88 in)
EXAS COUNTY 0.9 NW (GUY)GUYMON wo main supercells developed under mone upper levels. Low-level et also developed after sunset to have sto DK Panhandle produce hail up to quarters p to baseball sized hail and and wind gus	05/24/18 01:53 CST the TX Panhandle raced northwa 55 MPH as a result. N MUNI ARP [36.69, -101.51] 05/27/18 16:19 CST 05/27/18 16:19 CST oderate to strong instability, sheat orms continue into the evening has and wind gusts above 60 MPH. sts up to 60 MPH. 9, -101.78] 05/28/18 16:42 CST 05/28/18 16:42 CST	ır around 30 kt, ste	0 0 0 ep mid-level lapse percell across nord	Thunderstorm Wind (MG 55 kt) Source: ASOS rates and divergence in thern TX and southern ral TX Panhandle produced Hail (0.88 in)
EXAS COUNTY 0.9 NW (GUY)GUYMON wo main supercells developed under mone upper levels. Low-level et also developed after sunset to have sto DK Panhandle produce hail up to quarters p to baseball sized hail and and wind gus	the TX Panhandle raced northwa 55 MPH as a result. N MUNI ARP [36.69, -101.51] 05/27/18 16:19 CST 05/27/18 16:19 CST oderate to strong instability, sheat orms continue into the evening has and wind gusts above 60 MPH. sts up to 60 MPH. 9, -101.78] 05/28/18 16:42 CST 05/28/18 16:42 CST	ır around 30 kt, ste	0 ma Panhandle. Th 0 0 0 ep mid-level lapse percell across nord I across east cent	Thunderstorm Wind (MG 55 kt) Source: ASOS e rates and divergence in thern TX and southern ral TX Panhandle produced Hail (0.88 in) Source: Trained Spotter
TEXAS COUNTY 6.2 N TEXHOMA [36.59]	05/24/18 01:53 CST the TX Panhandle raced northwa 55 MPH as a result. N MUNI ARP [36.69, -101.51]	ır around 30 kt, ste	0 ma Panhandle. Th 0 0 0 ep mid-level lapse percell across nord I across east cent	Thunderstorm Wind (MG 55 kt) Source: ASOS Prates and divergence in thern TX and southern ral TX Panhandle produced Hail (0.88 in) Source: Trained Spotter Hail (1.00 in)
EXAS COUNTY 6.2 N TEXHOMA [36.59] EXAS COUNTY 6.2 N TEXHOMA [36.59] EXAS COUNTY 6.2 N TEXHOMA [36.59]	05/24/18 01:53 CST the TX Panhandle raced northwa 55 MPH as a result. N MUNI ARP [36.69, -101.51]	ır around 30 kt, ste	0 ma Panhandle. Th 0 0 0 ep mid-level lapse percell across nord I across east cent	Thunderstorm Wind (MG 55 kt) Source: ASOS Prates and divergence in thern TX and southern ral TX Panhandle produced Hail (0.88 in) Source: Trained Spotter Hail (1.00 in)
EXAS COUNTY 6.2 N TEXHOMA [36.59] EXAS COUNTY 6.2 N TEXHOMA [36.59] EXAS COUNTY 6.2 N TEXHOMA [36.59]	05/24/18 01:53 CST the TX Panhandle raced northwa 55 MPH as a result. N MUNI ARP [36.69, -101.51]	ır around 30 kt, ste	0 ma Panhandle. Th 0 0 0 ep mid-level lapse percell across nord I across east cent	Thunderstorm Wind (MG 55 kt) Source: ASOS Prates and divergence in thern TX and southern ral TX Panhandle produced Hail (0.88 in) Source: Trained Spotter Hail (1.00 in)
TEXAS COUNTY 6.2 N TEXHOMA [36.59] TEXAS COUNTY 6.2 N TEXHOMA [36.59]	05/24/18 01:53 CST the TX Panhandle raced northwa 55 MPH as a result. N MUNI ARP [36.69, -101.51]	ır around 30 kt, ste	ma Panhandle. Th 0 0 0 ep mid-level lapse percell across nord I across east cent 0 0 0	Thunderstorm Wind (MG 55 kt) Source: ASOS rates and divergence in thern TX and southern ral TX Panhandle produced Hail (0.88 in) Source: Trained Spotter Hail (1.00 in) Source: Trained Spotter
EXAS COUNTY 6.2 N TEXHOMA [36.59] EXAS COUNTY 6.2 N TEXHOMA [36.59] EXAS COUNTY 6.2 N TEXHOMA [36.59]	05/24/18 01:53 CST the TX Panhandle raced northwa 55 MPH as a result. N MUNI ARP [36.69, -101.51]	ır around 30 kt, ste	ma Panhandle. Th 0 0 0 ep mid-level lapse percell across nord l across east cent 0 0 0	is caused sustained winds Thunderstorm Wind (MG 55 kt) Source: ASOS rates and divergence in thern TX and southern ral TX Panhandle produced Hail (0.88 in) Source: Trained Spotter Hail (1.00 in) Source: Trained Spotter
TEXAS COUNTY 0.9 NW (GUY)GUYMON TWO main supercells developed under money the upper levels. Low-level Texas developed after sunset to have stoock Panhandle produce hail up to quarters up to baseball sized hail and and wind gustex. TEXAS COUNTY 6.2 N TEXHOMA [36.58] TEXAS COUNTY 6.2 N TEXHOMA [36.58] Quarters sized hail reported.	05/24/18 01:53 CST the TX Panhandle raced northwa 55 MPH as a result. N MUNI ARP [36.69, -101.51] 05/27/18 16:19 CST 05/27/18 16:19 CST oderate to strong instability, sheat orms continue into the evening has and wind gusts above 60 MPH. sts up to 60 MPH. 9, -101.78] 05/28/18 16:42 CST 05/28/18 17:26 CST 05/28/18 17:26 CST 05/28/18 17:26 CST	ır around 30 kt, ste	ma Panhandle. Th 0 0 0 ep mid-level lapse percell across nord l across east cent 0 0 0	is caused sustained winds Thunderstorm Wind (MG 55 kt) Source: ASOS rates and divergence in thern TX and southern ral TX Panhandle produced Hail (0.88 in) Source: Trained Spotter Hail (1.00 in) Source: Trained Spotter
Dutflow from ongoing convection across over 40 MPH for an hour and a gust over 60 EXAS COUNTY 0.9 NW (GUY)GUYMON Two main supercells developed under mother upper levels. Low-level et also developed after sunset to have stock Panhandle produce hail up to quarters up to baseball sized hail and and wind gust EXAS COUNTY 6.2 N TEXHOMA [36.59] FEXAS COUNTY 6.2 N TEXHOMA [36.59] Quarters sized hail reported. FEXAS COUNTY 0.9 NW TEXHOMA [36.59] Quarter to half dollar sized hail reported.	05/24/18 01:53 CST the TX Panhandle raced northwa 55 MPH as a result. N MUNI ARP [36.69, -101.51] 05/27/18 16:19 CST 05/27/18 16:19 CST oderate to strong instability, sheat orms continue into the evening has and wind gusts above 60 MPH. sts up to 60 MPH. 9, -101.78] 05/28/18 16:42 CST 05/28/18 17:26 CST 05/28/18 17:26 CST 05/28/18 17:26 CST	ır around 30 kt, ste	ma Panhandle. Th 0 0 0 ep mid-level lapse percell across nord l across east cent 0 0 0	is caused sustained winds Thunderstorm Wind (MG 55 kt) Source: ASOS rates and divergence in thern TX and southern ral TX Panhandle produced Hail (0.88 in) Source: Trained Spotter Hail (1.00 in) Source: Trained Spotter

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS COUNTY 0.7 S GOODWELL [36.59	9, -101.63]			
	05/28/18 18:05 CST		0	Hail (1.25 in)
	05/28/18 18:05 CST		0	Source: Emergency Manager
Quarter to half dollar sized hail reported.				
EXAS COUNTY 0.7 S GOODWELL [36.59	9, -101.63]			
	05/28/18 18:06 CST		0	Hail (1.75 in)
	05/28/18 18:06 CST		0	Source: Trained Spotter
EXAS COUNTY 0.7 N GUYMON [36.69, -	101.48]			
	05/28/18 18:32 CST		0	Hail (1.25 in)
	05/28/18 18:32 CST		0	Source: Trained Spotter
EXAS COUNTY 14.9 ESE HARDESTY [36	6 54 -100 951			
LEGGO COCKET 14.0 LOC HANDLOTT [50	05/28/18 18:37 CST		0	Hail (1.00 in)
	05/28/18 18:37 CST		0	Source: NWS Employee
	55,25,15 15.57 551		v	
TEXAS COUNTY 4.0 S GOODWELL [36.54	•	6.55, -101.64]	0	Tamada (FFO L. 200 mi. W. 50 mi.
	05/28/18 18:41 CST		0	Tornado (EF0, L: 0.26 mi , W: 50 yd)
	05/28/18 18:42 CST		0	Source: Emergency Manager
	05/28/18 18:45 CST 05/28/18 18:45 CST		0	Thunderstorm Wind (EG 52 kt) Source: Emergency Manager
Roof blown off barn, and another barn collaps	ed near Goodwell, OK.			
TEXAS COUNTY 11.2 SSE ADAMS [36.61	•			
	05/28/18 18:57 CST		0	Hail (1.50 in)
	05/28/18 18:57 CST		0	Source: Amateur Radio
	00/20/10 10:07 001			
TEXAS COUNTY 9.8 SSE ADAMS [36.62,				
TEXAS COUNTY 9.8 SSE ADAMS [36.62,			0	Hail (1.50 in)
TEXAS COUNTY 9.8 SSE ADAMS [36.62,	-101.01]		0	Hail (1.50 in) Source: NWS Employee
	-101.01] 05/28/18 19:01 CST 05/28/18 19:01 CST			
	-101.01] 05/28/18 19:01 CST 05/28/18 19:01 CST			
	-101.01] 05/28/18 19:01 CST 05/28/18 19:01 CST		0	Source: NWS Employee
TEXAS COUNTY 0.7 N GUYMON [36.69, -	-101.01] 05/28/18 19:01 CST 05/28/18 19:01 CST 101.48] 05/28/18 19:15 CST 05/28/18 19:15 CST	[36,64101.251	0	Source: NWS Employee Hail (1.25 in)
TEXAS COUNTY 0.7 N GUYMON [36.69, -	-101.01] 05/28/18 19:01 CST 05/28/18 19:01 CST 101.48] 05/28/18 19:15 CST 05/28/18 19:15 CST	[36.64, -101.25]	0	Source: NWS Employee Hail (1.25 in) Source: Public
TEXAS COUNTY 0.7 N GUYMON [36.69, -	-101.01] 05/28/18 19:01 CST 05/28/18 19:01 CST 101.48] 05/28/18 19:15 CST 05/28/18 19:15 CST	· [36.64, -101.25]	0 0 0	Source: NWS Employee Hail (1.25 in)
TEXAS COUNTY 0.7 N GUYMON [36.69, - ⁻	-101.01] 05/28/18 19:01 CST 05/28/18 19:01 CST 101.48] 05/28/18 19:15 CST 05/28/18 19:15 CST 2, -101.27], 3.1 WNW HARDESTY 05/28/18 19:21 CST	· [36.64, -101.25]	0 0 0	Source: NWS Employee Hail (1.25 in) Source: Public Tornado (EF1, L: 2.02 mi , W: 200 yd)
TEXAS COUNTY 0.7 N GUYMON [36.69, TEXAS COUNTY 4.0 W HARDESTY [36.62	-101.01] 05/28/18 19:01 CST 05/28/18 19:01 CST 101.48] 05/28/18 19:15 CST 05/28/18 19:15 CST 2, -101.27], 3.1 WNW HARDESTY 05/28/18 19:21 CST 05/28/18 19:24 CST	chasers just west	0 0 0 0 0 of Hardesty. Power	Source: NWS Employee Hail (1.25 in) Source: Public Tornado (EF1, L: 2.02 mi , W: 200 yd) Source: Public er lines arched near the touchdown
TEXAS COUNTY 0.7 N GUYMON [36.69, TEXAS COUNTY 4.0 W HARDESTY [36.62 A brief tornado touched down was photographarea where a main double pole transmission listorage container and trees were also noted in	-101.01] 05/28/18 19:01 CST 05/28/18 19:01 CST 101.48] 05/28/18 19:15 CST 05/28/18 19:15 CST 2, -101.27], 3.1 WNW HARDESTY 05/28/18 19:21 CST 05/28/18 19:24 CST ned or recorded by multiple storm ine was snapped. Four smaller p	chasers just west	0 0 0 0 0 of Hardesty. Powe	Source: NWS Employee Hail (1.25 in) Source: Public Tornado (EF1, L: 2.02 mi , W: 200 yd) Source: Public er lines arched near the touchdown ages to fencing, a car port, a large
TEXAS COUNTY 0.7 N GUYMON [36.69, -/ TEXAS COUNTY 4.0 W HARDESTY [36.62 A brief tornado touched down was photographarea where a main double pole transmission listorage container and trees were also noted in 10 to 30 feet.	-101.01] 05/28/18 19:01 CST 05/28/18 19:01 CST 101.48] 05/28/18 19:15 CST 05/28/18 19:15 CST 2, -101.27], 3.1 WNW HARDESTY 05/28/18 19:21 CST 05/28/18 19:24 CST med or recorded by multiple storm ine was snapped. Four smaller per a storm survey. The storage contacts	chasers just west	0 0 0 0 0 of Hardesty. Powe	Source: NWS Employee Hail (1.25 in) Source: Public Tornado (EF1, L: 2.02 mi , W: 200 yd) Source: Public er lines arched near the touchdown ages to fencing, a car port, a large
TEXAS COUNTY 0.7 N GUYMON [36.69, -/ TEXAS COUNTY 4.0 W HARDESTY [36.62 A brief tornado touched down was photographarea where a main double pole transmission listorage container and trees were also noted in 10 to 30 feet.	-101.01] 05/28/18 19:01 CST 05/28/18 19:01 CST 101.48] 05/28/18 19:15 CST 05/28/18 19:15 CST 2, -101.27], 3.1 WNW HARDESTY 05/28/18 19:21 CST 05/28/18 19:24 CST med or recorded by multiple storm ine was snapped. Four smaller per a storm survey. The storage contacts	chasers just west	0 0 0 0 0 of Hardesty. Powe	Source: NWS Employee Hail (1.25 in) Source: Public Tornado (EF1, L: 2.02 mi , W: 200 yd) Source: Public er lines arched near the touchdown ages to fencing, a car port, a large
TEXAS COUNTY 9.8 SSE ADAMS [36.62, TEXAS COUNTY 0.7 N GUYMON [36.69, TEXAS COUNTY 4.0 W HARDESTY [36.62 A brief tornado touched down was photographarea where a main double pole transmission listorage container and trees were also noted in 10 to 30 feet. TEXAS COUNTY 9.3 ESE GOODWELL [36]	-101.01] 05/28/18 19:01 CST 05/28/18 19:01 CST 101.48] 05/28/18 19:15 CST 05/28/18 19:15 CST 2, -101.27], 3.1 WNW HARDESTY 05/28/18 19:21 CST 05/28/18 19:24 CST med or recorded by multiple storm ine was snapped. Four smaller per a storm survey. The storage colors.	chasers just west	0 0 0 0 of Hardesty. Powe	Source: NWS Employee Hail (1.25 in) Source: Public Tornado (EF1, L: 2.02 mi , W: 200 yd) Source: Public er lines arched near the touchdown ages to fencing, a car port, a large ff the ground and were pushed up to

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/28/18 19:38 CST		0	Thunderstorm Wind (EG 60 kt)
	05/28/18 19:38 CST		0	Source: Emergency Manager
Roof blown off barn.				
BEAVER COUNTY BRYANS CORNER [36.62]	, -100.82]			
	05/28/18 20:54 CST		0	Hail (0.88 in)
	05/28/18 20:54 CST		0	Source: Trained Spotter
BEAVER COUNTY GRAY [36.55, -100.82]				
	05/28/18 21:04 CST		0	Hail (1.00 in)
	05/28/18 21:04 CST		0	Source: Emergency Manager
BEAVER COUNTY 0.9 SW BRYANS CORNER	R [36.61, -100.83]			
	05/28/18 21:12 CST		0	Hail (1.00 in)
	05/28/18 21:12 CST		0	Source: Emergency Manager
BEAVER COUNTY 6.5 NNE BOYD [36.78, -10	0.76]			
	05/28/18 21:47 CST		0	Hail (1.25 in)
	05/28/18 21:47 CST		0	Source: Emergency Manager

An active day of severe weather across the Panhandles. The main 500-300 mb synoptic pattern the morning into the afternoon of the 28th showed an upper level low pressure moving through the central Rockies with an embedded jet streak rounding the base of the upper level low pressure across portions of Arizona and New Mexico. This resulted in a large region of favorable ascent with high mid level lapse rates above 8 C/km across the northern Panhandles in the left exit region of the jet streak. A surface dryline also developed across the western Panhandles where good surface based directional shear was established along this boundary of SE winds ahead of the dryline vs. SW to westerly behind the boundary. Ahead of the dryline, 850-700 mb moisture surged northward with good 20-30 kts mean southerly wind flow to further enhance the gradient setup across the dryline. Morning sounding profiles did show some cap, but with good heating during the day, thunderstorms eventually developed along the dryline. With sufficient SBCAPE of 2000-3000 J/kg, effective shear of 30-40 kts, and good CAPE in the hail growth zone given low freezing levels, storms developed in multi cell clusters. Individual cells did have a strong updraft to produce hail sizes that maxed out around 3" in diameter; along with damaging winds gusts/reports. Thunderstorms across the northern and central half of the cluster did eventually cluster up to form line segments. With the daytime heating still in place into the early evening hours, coupled with 0-1 km SRH values around 200 m2/s2, enough low level rotation did drop 2 tornadoes across Texas County, OK with an EF-0 and EF-1 rating. Storms remained mostly cellular on the southern segment of storms where large hail and strong rotating thunderstorms continued into the late evening hours across the eastern Panhandles before the storms exiting east of the region during the overnight hours.

DEAVED COUNTY 2 0 NW LOCAN F20	2 60 400 261			
BEAVER COUNTY 3.0 NW LOGAN [36	-	_		
	05/29/18 16:57 CST	0	Thunderstorm Wind (MG 50 kt)	
	05/29/18 16:57 CST	0	Source: Mesonet	
Oklahoma mesonet measured a 58 mph ç	gust.			
BEAVER COUNTY SLAPOUT [36.62, -	-			
	05/29/18 17:03 CST	0	Hail (1.25 in)	
	05/29/18 17:03 CST	0	Source: Storm Chaser	
Report received by spotter network.				
BEAVER COUNTY 2.2 SE SLAPOUT [36.60, -100.09]			
	05/29/18 17:10 CST	0	Hail (1.75 in)	
	05/29/18 17:10 CST	0	Source: Trained Spotter	

Report received by Twitter.

Dryline setup across the eastern Panhandles in-conjunction with residual outflow boundaries from convection from the previous day set the stages for supercell development. SBCAPE values of 2000-3000 J/kg in a very favorable low level moisture environment ahead of the dryline along with effective SRH of 100-200 m2/s2 due to good low level directional shear. Two supercells developed in the afternoon hours on the 29th in the eastern TX Panhandle. The northern storm became a left mover and produced hail up to golf balls with damaging wind gusts in the northeastern combined Panhandles before exiting the region. The right mover moved through the southeast TX Panhandle was a larger and stronger storm. This supercell had strong rotation and eventually dropped a tornado in two different locations in its path; both rated EF-0, along with very large hail up to 3" in diameter in the town of Wheeler.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CIMARRON COUNTY 0.6 W BOISE CITY [36.7	=			
	05/30/18 17:47 CST 05/30/18 17:47 CST		0	Hail (1.00 in) Source: Emergency Manager
Quarter sized hail reported west of Boise City.	03/30/16 17.47 C31		U	Source. Emergency Manager
CIMARRON COUNTY 8.7 SW GRIGGS [36.53,	_		0	H-il (4 00 i-)
	05/30/18 18:21 CST 05/30/18 18:21 CST		0	Hail (1.00 in) Source: Trained Spotter
Trained spotter measured a 1.2 inch maximum ha			Ü	Source. Trained Spotter
	0.20			
TEXAS COUNTY EVA [36.80, -101.90]	05/00/40 40 40 007		•	There have been March (MO 50 Lt)
	05/30/18 18:40 CST		0	Thunderstorm Wind (MG 52 kt) Source: Mesonet
	05/30/18 18:40 CST		0	Source: Mesonet
Eva mesonet reported a 60 mph wind gust.				
TEXAS COUNTY 0.7 N GUYMON [36.69, -101.4	=		0	Thursday Wind (FO FO II)
	05/30/18 19:15 CST		0	Thunderstorm Wind (EG 52 kt)
	05/30/18 19:15 CST		U	Source: Trained Spotter
Spotter estimated 60 mph wind gust.				
TEXAS COUNTY 0.7 S GUYMON [36.67, -101.4				11.11 (0.75)
	05/30/18 19:15 CST 05/30/18 19:15 CST		0	Hail (0.75 in) Source: Social Media
Penny sized hail on the south side of Guyman.				
CIMARRON COUNTY 0.6 E BOISE CITY [36.73	_			
	05/30/18 20:15 CST		0	Hail (1.00 in)
	05/30/18 20:15 CST		0	Source: Emergency Manager
CIMARRON COUNTY 0.6 E BOISE CITY [36.73	3, -102.51]			
	05/30/18 20:18 CST		0	Hail (0.75 in)
	05/30/18 20:18 CST		0	Source: Trained Spotter
Penny size hail near Boise City.				
CIMARRON COUNTY 6.4 ENE BOISE CITY [36	5.76, -102.41]			
	05/30/18 20:22 CST		0	Hail (1.00 in)
	05/30/18 20:22 CST		0	Source: Trained Spotter
Quarter size hail in Boise City.				
BEAVER COUNTY 1.5 SSW BEAVER [36.80, -	100.53]			
	05/30/18 20:40 CST		0	Thunderstorm Wind (MG 51 kt)
	05/30/18 20:40 CST		0	Source: Mesonet
Beaver mesonet reported a 59 mph wind gust.				
CIMARRON COUNTY 4.5 SSE BOISE CITY [36	5.67, -102.49]			
•	05/30/18 21:05 CST		0	Hail (1.50 in)
	05/30/18 21:05 CST		0	Source: Trained Spotter
Ping pong ball size hail southeast of Boise City.				
TEYAS COUNTY 1 5 NNW GUYMON 136 70				

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

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/30/18 21:46 CST		0	Hail (0.75 in)
	05/30/18 21:46 CST		0	Source: Trained Spotter
TEXAS COUNTY 1.5 NNW GUYMON [36.70, -10	01.49]			
	05/30/18 21:50 CST		0	Hail (1.00 in)
	05/30/18 21:50 CST		0	Source: Trained Spotter
One inch diameter fell near Guymon.				
TEXAS COUNTY 0.7 N GUYMON [36.69, -101.4	8]			
	05/30/18 21:55 CST		0	Hail (1.00 in)
	05/30/18 21:55 CST		0	Source: Social Media

Picture from social media showed quarter size hail.

A SW-NE jet streak segment set up across New Mexico with good lift downstream of the jet max across the northern Panhandles where a strong 500 mb 40 kt. jet was also present across the Panhandles. A perturbation in the mean 500 mb flow moving across the southern Rockies helped to generate a small but strong line segment across eastern New Mexico which eventually moved east throughout the Oklahoma and far northern Texas Panhandles. The path of the line-segment storms followed along a noticeable 850-700 mb moisture gradient oriented NW-SE just downstream of the 700 mb perturbation axis. As the line of storms raced east, large hail up to tennis ball sized cause some damages to home. Damaging wind gusts from RFD's and the storms progression did also cause some damage. On the southern edge of the line, even a funnel cloud was reported at one point in far NE TX Panhandle.

OCHILTREE COUNTY 0.7 S P	ERRYTON [36.39, -100.80]			
	05/02/18 12:49 CST	0	Hail (1.00 in)	
	05/02/18 12:49 CST	0	Source: Law Enforcement	
Hail between penny and quarter s	sized reported, with accumulation in spots. Heavy rair	nfall also has occurred w	ith recent storms.	
LIPSCOMB COUNTY 0.9 NW	300KER [36.46, -100.54]			
LIPSCOMB COUNTY 0.9 NW	BOOKER [36.46, -100.54] 05/02/18 13:41 CST	0	Hail (1.00 in)	
LIPSCOMB COUNTY 0.9 NW I		0	Hail (1.00 in) Source: Public	
LIPSCOMB COUNTY 0.9 NW I	05/02/18 13:41 CST 05/02/18 13:41 CST		, ,	
	05/02/18 13:41 CST 05/02/18 13:41 CST		, ,	

Reported via Twitter.

A deepening upper level trough over southern Nevaded throughout the morning hours set the stages for active weather downstream across the Panhandles. Vertically stacked speed shear aloft out ahead of the main upper level system; in-conjunction with good lift and a rather strong low level jet at 850 mb of around 40 kts set the stages for linear convection to develop across the northern Panhandles along and out ahead of a surface convergence boundary. With SBCAPE around 3000 J/lg and effective bulk shear around 40-50 kts, a good environment had storms congeal into a line and move northeast. Early on, storms across the region produce hail from quarters up to tennis ball size. A second round of storms developed across the southeast Texas Panhandle with additional severe reports including a funnel cloud reported in Wheeler County. Storms quickly exited the region as early evening on the 2nd approached.

(TX-Z019) DONLEY			
	05/03/18 14:00 CST	0	Wildfire
	05/04/18 01:00 CST	0	

The Simmons Ranch wildfire began around 1400CST about four miles south southwest of Giles Texas in Donley County. The wildfire started between County Road A and County Road CC west of U.S. Highway 287 and consumed two thousand two hundred and sixty-two acres. There were roughly two homes and six other structures that were threatened but were saved. There were no reports of any homes or other structures destroyed by the wildfire and there were also no reports of any injuries or fatalities. The Texas A&M Forest Service responded to the wildfire and the cause of the wildfire was determined to be from equipment use. The wildfire was contained around 0030CST and 0100CST on May 4.

(TX-Z018) ARMSTRONG

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	Storm Data and Unusua	i Weather P	'nenomena -	May 2018	
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details	
	05/08/18 18:10 CST		0	Wildfire	
	05/18/18 22:00 CST		0		
The Mallard Wildfire began about nine began south of Farm to Market Road 2 hundred and thirty acres. There were a were saved, however one home was d reported to be ten near misses. The wiburned into and merged with the Malla evacuations ordered and multiple fire Service. There were reported to be multiple and Type 1 crews from out of states.	272 and east of Texas State Highway about twenty-five homes and fifteen or estroyed by the wildfire. There were nildfire began in Palo Duro Canyon and ourd Fire. The cause of the wildfire was departments and other fire agencies rultiple air assets and TIFMAS units wh	207. The wildfire ther structures the reports of any at then moved to Material determined to be responded to the ich were deployed.	consumed sevent at were threatened injuries or fatalities Mulberry Canyon. T I from lightning. The wildfire including d. There was also	r-five thousand five I by the wildfire but s, however there were the Summer Field wildfire there were multiple the Texas A&M Forest a Southern Red Incident	
(TX-Z018) ARMSTRONG					
	05/08/18 18:19 CST		0	Wildfire	
	05/09/18 02:00 CST		0		
determined to be caused by lightning reported to be threatened by the wildfithe wildfire. There were also no report	re and there were also no reports of a	ny homes or oth	er structures dama	ged or destroyed by	
(TX-Z019) DONLEY	05/00/49 40:45 CCT		0	Wildfire	
	05/08/18 19:15 CST 05/08/18 23:30 CST		0	Wildfire	
(TX-Z018) ARMSTRONG	05/08/18 19:24 CST 05/09/18 00:32 CST		0	Wildfire	
The JA 1 West Wildfire began about si consumed an estimated three hundred there were no homes or other structur wildfire was determined to be from ligit (TX-Z012) POTTER	d acres. There were no reports of any es destroyed by the wildfire. There als	homes or other s so no reports of a	tructures threaten	ed by the wildfire and	
(1.10.1_)	05/09/18 15:35 CST		0	Wildfire	
	05/10/18 06:00 CST		0		
The Farm to Market Road 1258 Wildfire near Pullman Road and just north of Ir and was determined to be caused by I also no reports of any homes or other wildfire was contained around 0600CS	nterstate 40 south of Southeast 3rd Av ightning. There were no reports of any structures damaged or destroyed. Th	venue. The wildfir y homes or other iere were no repo	e consumed three structures threate rts of any injuries	hundred and sixty acres ned and there were or fatalities. The	
	05/10/18 23:00 CST		0		
The Mechler Wildfire began around 22 an estimated five hundred acres. Then also no homes or other structure dest responded to the wildfire which was completed with the wildfire which was completed.	e were no reports of any homes or oth royed. There were also no reports of a ontained around 2300CST on May 10.	ner structure thre any injuries or fat	atened by the wild	fire and there were	
	05/44/40 40:06 CST		0	Lloit (4.00 in)	

05/11/18 18:06 CST

05/11/18 18:06 CST

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Hail (1.00 in)

Source: Trained Spotter

0

Deaths &

Property &

Event Type and Details

Date/Time

Location

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details	
A rather unusual event to say the least. An ongoing large wild fire in eastern Armstrong County, TX called the Mallard Fire caused a large pyrocumulus cloud to form. With strong vertical growth over 40,000 ft, in-conjunction with a surface boundary/dryline across the eastern Panhandle keeping dewpoint temps in near 60 across the far eastern Panhandles, this actually formed a supercell. Although very warm at the surface with deep mixing, the vertical extent of the storm tapped into MUCAPE values of 1000-2000J/Kg. As a result, some severe hail was produced in Wheeler County, TX before moving east out of the Panhandles in the early evening hours.					
DONLEY COUNTY 0.9 NE CLAREI	NDON [34.94, -100.89]				
	05/13/18 16:21 CST		0	Hail (0.88 in)	
	05/13/18 16:21 CST		0	Source: Law Enforcement	
ROBERTS COUNTY 5.6 N MIAMI [35.78 -100.641				
NODELNIO GOGINI I GIGIN IMIZAMI [05/13/18 16:25 CST		0	Hail (2.00 in)	
	05/13/18 16:25 CST		0	Source: Trained Spotter	
DONLEY COUNTY 0.9 NE CLAREI	NDON [34.94, -100.89]				
	05/13/18 16:30 CST		0	Hail (1.00 in)	
	05/13/18 16:30 CST		0	Source: Law Enforcement	
Nickel to quarter sized hail reported at	t Clarendon College.				
WHEELER COUNTY 1.8 WNW LEI	_A [35.23, -100.38]				
	05/13/18 16:35 CST		0	Hail (2.50 in)	
	05/13/18 16:35 CST		0	Source: Broadcast Media	
OCHILTREE COUNTY 19.5 SSE PI	ERRYTON MUNI ARPT [36.13, -100.65] 05/13/18 16:37 CST		0	Hoil (1.75 in)	
				Hail (1.75 in)	
	05/13/18 16:37 CST		0	Source: Storm Chaser	
OCHILTREE COUNTY 19.5 SSE PI	ERRYTON MUNI ARPT [36.13, -100.65]				
	05/13/18 16:39 CST		0	Hail (1.50 in)	
	05/13/18 16:39 CST		0	Source: Storm Chaser	
OCHILTREE COUNTY 19.5 SSE PI	ERRYTON MUNI ARPT [36.13, -100.65]				
	05/13/18 16:39 CST		0	Thunderstorm Wind (MG 55 kt)	
	05/13/18 16:39 CST		0	Source: Storm Chaser	
LIPSCOMB COUNTY 0.9 NW BOO	KER [36.46 -100.54]				
	05/13/18 17:08 CST		0	Hail (0.88 in)	
	05/13/18 17:08 CST		0	Source: Storm Chaser	
LIPSCOMB COUNTY 15.6 SW LIPS			0	Hail (4.50 in)	
	05/13/18 17:11 CST		0	Hail (1.50 in) Source: Storm Chaser	
	05/13/18 17:11 CST		U	Source: Storm Chaser	
OCHILTREE COUNTY 9.1 ENE TW					
	05/13/18 17:11 CST		0	Hail (1.00 in)	
	05/13/18 17:11 CST		0	Source: Storm Chaser	
GRAY COUNTY 0.7 S ALANREED	[35.21, -100.73]				
	05/13/18 17:25 CST		0	Hail (1.25 in)	
	05/13/18 17:25 CST		0	Source: Broadcast Media	
Half Dollar sized hail reported along I-	40 in Alanreed.				
LIPSCOMB COUNTY 12.9 SSW LII	PSCOMB [36.07, -100.391				
	05/13/18 17:25 CST		0	Hail (2.75 in)	
	05/13/18 17:25 CST		0	Source: Public	
Late nicture report received of be	ll sized hail				
Late picture report received of baseba	III SIZEU IIdII.				

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Deaths &

Property &

Event Type and Details

Date/Time

Location

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LIPSCOMB COUNTY 10.6 SSW LIPSCO	OMB [36.10, -100.37]			
	05/13/18 17:32 CST		0	Hail (1.25 in)
	05/13/18 17:32 CST		0	Source: Storm Chaser
Late report of quarter to half dollar sized ha	ail.			
LIPSCOMB COUNTY LIPSCOMB [36.2	3, -100.27]			
	05/13/18 18:00 CST		0	Hail (1.75 in)
	05/13/18 18:00 CST		0	Source: Law Enforcement
LIPSCOMB COUNTY 7.0 SW LIPSCOM	IB [36.16, -100.36]			
	05/13/18 18:12 CST		0	Thunderstorm Wind (EG 61 kt)
	05/13/18 18:12 CST		0	Source: Law Enforcement
Estimated by law enforcement.				
HEMPHILL COUNTY 2.8 NNE CANADI	AN [35.94, -100.37]			
	05/13/18 18:13 CST		0	Hail (1.00 in)
	05/13/18 18:13 CST		0	Source: Law Enforcement
WHEELER COUNTY 0.7 N ALLISON [3	5.61, -100.10] 05/13/18 19:10 CST		0	Hail (1.50 in)
	05/13/18 19:10 CST		0	Source: Trained Spotter
	00/10/10 10:10 001		Ü	Course. Trained operation
WHEELER COUNTY 0.7 N ALLISON [3			_	
	05/13/18 19:13 CST 05/13/18 19:13 CST		0	Hail (1.75 in) Source: Public
develop along a uniform deep uni-directi advecting moisture east of the dryline. C panhandles given SBCAPE of 1000-2500 discrete characteristics and instead deve gusts along with hail up to the size of ba	lusters of supercells then develop J/Kg. Low to moderate effective si eloped along a loose line from sou	ed in the afternoo hear of around 30 thwest to northea	n hours on the 13t kts did not give th st along the drylin	ch across the eastern lese supercells their e. However, severe wind
into the evening hours.	oosan oizo woro oun roportoa. Tha		morou ouot mio m	occom omanoma gomg
WHEELER COUNTY 0.7 S WHEELER [[35.44, -100.27]			
	05/14/18 15:30 CST		0	Hail (1.00 in)
	05/14/18 15:30 CST		0	Source: Trained Spotter
Late report of dime to quarter sized hail, w	ith up to half an inch of rain measure	ed. Time of report	estimated from rada	ar.
DONLEY COUNTY 0.6 E HEDLEY [34.8	37, -100.66]			
	05/14/18 15:50 CST		0	Hail (0.88 in)
	05/14/18 15:50 CST		0	Source: Broadcast Media
GRAY COUNTY 0.7 S MC LEAN [35.22	, -100.60]			
	05/14/18 16:08 CST		0	Hail (0.88 in)
	05/14/18 16:08 CST		0	Source: Trained Spotter
DONI EV COUNTY A TOW OF ESTATE	70 400 501			
DONLEY COUNTY 2.7 SW GILES [34.7	'9, -100.56] 05/14/18 16:15 CST		0	Hail (0.88 in)
	05/14/18 16:15 CST		0	Source: Broadcast Media
COLLINGSWORTH COUNTY DODSON	= -		0	Hail (4.00 in)
	05/14/18 16:55 CST		0	Hail (1.00 in)
	05/14/18 16:55 CST		0	Source: Public

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ate report of quarter sized hail. Time estimate	ated by radar.			
COLLINGSWORTH COUNTY 1.1 E WEL				
	05/14/18 17:17 CST		0	Hail (1.00 in)
	05/14/18 17:17 CST		0	Source: Public
COLLINGSWORTH COUNTY 4.5 E WEL	LINGTON [34.85, -100.14] 05/14/18 17:25 CST		0	Hoil (4.75 in)
	05/14/18 17:25 CST		0	Hail (1.75 in) Source: Broadcast Media
	03/14/10 17:23 001		O .	Cource. Broadcast Media
COLLINGSWORTH COUNTY 0.6 E DOZI	IER [35.08, -100.34] 05/14/18 17:35 CST		0	Thunderstorm Wind (EG 56 kt)
	05/14/18 17:35 CST		0	Source: Broadcast Media
Part of a roof blown off a church building.	00/14/10 17:00 001		Ü	Source. Broadcast Media
art of a roof blown on a onaron ballang.				
COLLINGSWORTH COUNTY 2.3 W DOZ			0	Thursdaystarm Mir-1/MAC FOLIA
	05/14/18 17:39 CST		0	Thunderstorm Wind (MG 52 kt)
	05/14/18 17:39 CST		0	Source: Mesonet
urface boundary. Large hail up to golf ba amage to a church was reported in the fa	er southeastern Texas Panhandle			ind gusts and even roof
EAR CHITH COUNTY CANUSEDEROR				
DEAF SMITH COUNTY 8.0 W HEREFOR	05/15/18 18:08 CST		0	Hail (1.50 in)
DEAF SMITH COUNTY 8.0 W HEREFOR	• •		0	Hail (1.50 in) Source: Storm Chaser
DEAF SMITH COUNTY 8.0 W HEREFOR	05/15/18 18:08 CST			·
	05/15/18 18:08 CST 05/15/18 18:08 CST			·
	05/15/18 18:08 CST 05/15/18 18:08 CST			·
	05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43]		0	Source: Storm Chaser
DEAF SMITH COUNTY 2.7 SW HEREFO	05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST		0 0 0	Source: Storm Chaser Hail (1.25 in) Source: Public
DEAF SMITH COUNTY 2.7 SW HEREFO	05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST D [34.78, -102.40] 05/15/18 18:22 CST		0 0 0	Source: Storm Chaser Hail (1.25 in) Source: Public Hail (1.75 in)
DEAF SMITH COUNTY 2.7 SW HEREFO	05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST		0 0 0	Source: Storm Chaser Hail (1.25 in) Source: Public
DEAF SMITH COUNTY 2.7 SW HEREFO DEAF SMITH COUNTY 2.8 S HEREFORI	05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST D [34.78, -102.40] 05/15/18 18:22 CST 05/15/18 18:22 CST		0 0 0	Source: Storm Chaser Hail (1.25 in) Source: Public Hail (1.75 in) Source: Public
DEAF SMITH COUNTY 2.7 SW HEREFO DEAF SMITH COUNTY 2.8 S HEREFORI	05/15/18 18:08 CST 05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST		0 0 0 0	Source: Storm Chaser Hail (1.25 in) Source: Public Hail (1.75 in) Source: Public Hail (1.00 in)
DEAF SMITH COUNTY 2.7 SW HEREFORD DEAF SMITH COUNTY 2.8 S HEREFORD DEAF SMITH COUNTY 12.7 NE MILO CE	05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST D [34.78, -102.40] 05/15/18 18:22 CST 05/15/18 18:22 CST ENTER [35.13, -102.27] 05/15/18 18:36 CST 05/15/18 18:36 CST		0 0 0	Source: Storm Chaser Hail (1.25 in) Source: Public Hail (1.75 in) Source: Public
PEAF SMITH COUNTY 2.7 SW HEREFORD	05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST D [34.78, -102.40] 05/15/18 18:22 CST 05/15/18 18:22 CST ENTER [35.13, -102.27] 05/15/18 18:36 CST 05/15/18 18:36 CST		0 0 0 0	Source: Storm Chaser Hail (1.25 in) Source: Public Hail (1.75 in) Source: Public Hail (1.00 in)
DEAF SMITH COUNTY 2.7 SW HEREFORD DEAF SMITH COUNTY 2.8 S HEREFORD DEAF SMITH COUNTY 12.7 NE MILO CE	05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST D [34.78, -102.40] 05/15/18 18:22 CST 05/15/18 18:22 CST ENTER [35.13, -102.27] 05/15/18 18:36 CST 05/15/18 18:36 CST ulation on the ground.		0 0 0 0 0	Source: Storm Chaser Hail (1.25 in) Source: Public Hail (1.75 in) Source: Public Hail (1.00 in) Source: Trained Spotter
DEAF SMITH COUNTY 2.7 SW HEREFORD DEAF SMITH COUNTY 2.8 S HEREFORD DEAF SMITH COUNTY 12.7 NE MILO CE	05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST D [34.78, -102.40] 05/15/18 18:22 CST 05/15/18 18:22 CST ENTER [35.13, -102.27] 05/15/18 18:36 CST 05/15/18 18:36 CST		0 0 0 0	Source: Storm Chaser Hail (1.25 in) Source: Public Hail (1.75 in) Source: Public Hail (1.00 in)
DEAF SMITH COUNTY 2.7 SW HEREFORD DEAF SMITH COUNTY 2.8 S HEREFORD DEAF SMITH COUNTY 12.7 NE MILO CE	05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST ENTER [35.13, -102.27] 05/15/18 18:36 CST 05/15/18 18:36 CST ulation on the ground.		0 0 0 0 0 0 0	Hail (1.25 in) Source: Public Hail (1.75 in) Source: Public Hail (1.00 in) Source: Trained Spotter Hail (1.75 in)
DEAF SMITH COUNTY 2.7 SW HEREFORD DEAF SMITH COUNTY 2.8 S HEREFORD DEAF SMITH COUNTY 12.7 NE MILO CE	05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST ENTER [35.13, -102.27] 05/15/18 18:36 CST 05/15/18 18:36 CST ulation on the ground. 96, -102.20] 05/15/18 18:46 CST 05/15/18 18:46 CST		0 0 0 0 0 0 0	Hail (1.25 in) Source: Public Hail (1.75 in) Source: Public Hail (1.00 in) Source: Trained Spotter Hail (1.75 in)
DEAF SMITH COUNTY 2.7 SW HEREFORD DEAF SMITH COUNTY 2.8 S HEREFORD DEAF SMITH COUNTY 12.7 NE MILO CE	05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST ENTER [35.13, -102.27] 05/15/18 18:36 CST 05/15/18 18:36 CST 05/15/18 18:46 CST 05/15/18 18:46 CST		0 0 0 0 0 0 0	Hail (1.25 in) Source: Public Hail (1.75 in) Source: Public Hail (1.00 in) Source: Trained Spotter Hail (1.75 in) Source: Broadcast Media
DEAF SMITH COUNTY 2.7 SW HEREFORD DEAF SMITH COUNTY 2.8 S HEREFORD DEAF SMITH COUNTY 12.7 NE MILO CE	05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST ENTER [35.13, -102.27] 05/15/18 18:36 CST 05/15/18 18:36 CST ulation on the ground. 96, -102.20] 05/15/18 18:46 CST 05/15/18 18:46 CST		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Hail (1.25 in) Source: Public Hail (1.75 in) Source: Public Hail (1.00 in) Source: Trained Spotter Hail (1.75 in)
DEAF SMITH COUNTY 2.7 SW HEREFORD DEAF SMITH COUNTY 2.8 S HEREFORD DEAF SMITH COUNTY 12.7 NE MILO CE DEAF SMITH COUNTY 2.8 N DAWN [34. Report via Twitter.	05/15/18 18:08 CST 05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST D [34.78, -102.40] 05/15/18 18:22 CST 05/15/18 18:22 CST ENTER [35.13, -102.27] 05/15/18 18:36 CST 05/15/18 18:36 CST 05/15/18 18:46 CST 05/15/18 18:46 CST 05/15/18 18:46 CST		0 0 0 0 0	Source: Storm Chaser Hail (1.25 in) Source: Public Hail (1.75 in) Source: Public Hail (1.00 in) Source: Trained Spotter Hail (1.75 in) Source: Broadcast Media
DEAF SMITH COUNTY 2.7 SW HEREFORD DEAF SMITH COUNTY 2.8 S HEREFORD DEAF SMITH COUNTY 12.7 NE MILO CE Nickel to quarter size hail with some accumul DEAF SMITH COUNTY 2.8 N DAWN [34. Report via Twitter. HANSFORD COUNTY 7.8 W GRUVER [3] Sheriff reported quarter sized hail.	05/15/18 18:08 CST 05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST ENTER [35.13, -102.27] 05/15/18 18:36 CST 05/15/18 18:36 CST ulation on the ground. 96, -102.20] 05/15/18 18:46 CST 05/15/18 18:46 CST 05/15/18 18:46 CST 05/15/18 18:46 CST		0 0 0 0 0	Source: Storm Chaser Hail (1.25 in) Source: Public Hail (1.75 in) Source: Public Hail (1.00 in) Source: Trained Spotter Hail (1.75 in) Source: Broadcast Media
DEAF SMITH COUNTY 2.7 SW HEREFORD DEAF SMITH COUNTY 2.8 S HEREFORD DEAF SMITH COUNTY 12.7 NE MILO CE	05/15/18 18:08 CST 05/15/18 18:08 CST 05/15/18 18:08 CST RD [34.79, -102.43] 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST 05/15/18 18:22 CST ENTER [35.13, -102.27] 05/15/18 18:36 CST 05/15/18 18:36 CST ulation on the ground. 96, -102.20] 05/15/18 18:46 CST 05/15/18 18:46 CST 05/15/18 18:46 CST 05/15/18 18:46 CST		0 0 0 0 0	Source: Storm Chaser Hail (1.25 in) Source: Public Hail (1.75 in) Source: Public Hail (1.00 in) Source: Trained Spotter Hail (1.75 in) Source: Broadcast Media

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HANSFORD COUNTY 0.7 S MORSE [36.06, -	=			
	05/15/18 20:43 CST		0	Funnel Cloud
	05/15/18 20:43 CST		0	Source: Trained Spotter
Rotating wall cloud with brief funnels being prod	uced with dime size hail also re	eported.		
ANSFORD COUNTY 0.7 S MORSE [36.06, -	=			
	05/15/18 20:43 CST		0	Hail (0.75 in)
	05/15/18 20:43 CST		0	Source: Trained Spotter
totating wall cloud with brief funnels being prod	uced. Dime size hail also repor	rted.		
UTCHINSON COUNTY 5.6 NNW PRINGLE				
	05/15/18 20:50 CST		0	Hail (1.00 in)
	05/15/18 20:50 CST		0	Source: Trained Spotter
OBERTS COUNTY 1.5 SSW MIAMI [35.68,	-100.64]			
	05/15/18 22:04 CST		0	Hail (1.00 in)
	05/15/18 22:04 CST		0	Source: Trained Spotter
ate report of quarter sized hail.				
OBERTS COUNTY 3.6 SW MIAMI [35.66, -1	=			
	05/15/18 22:04 CST		0	Hail (2.00 in)
	05/15/18 22:04 CST		0	Source: Law Enforcement
/HEELER COUNTY 0.9 SW WHEELER [35.4	44, -100.28] 05/15/18 22:48 CST 05/15/18 22:48 CST		0	Thunderstorm Wind (EG 52 kt) Source: Emergency Manager
ate report of trees up to 2 feet diameter being f	felled close to the trunk due to t	thunderstorm wind	S.	
IEMPHILL COUNTY 5.8 ENE CANADIAN [3	5 92 -100 281			
LINI THEE OCCITITION OF LINE CANADIAN IO	05/15/18 22:54 CST		0	Thunderstorm Wind (MG 52 kt)
				·
	05/15/18 22:54 CST		0	Source: Mesonet
A developing strong 850-500 hPa zonal flow di levelop convection across the region. Perturb errain of New Mexico. With good 700-500 mb he Panhandles region. With SBCAPE of 2000- east into the Panhandles in a favorable enviro in the lower levels just out ahead of the conve Damaging winds and large hail were Late repo winds were produced with these storms befor	lisplaced well to the south of a bations in the 700-500 hPa in the flow of 30-50 kts in the afternor-3000 J/Kg along with strong comment. 00Z RAOB data from Action. This lead to some storrort of trees up to 2 feet diamet	the zonal west-eas oon of the 15th, th effective shear ap AMA showed also ms rotating with b ter being felled clo	eature in the north st pattern develop is allowed the co proaching 50-60 k good direction sh rief funnels within ose to the trunk du	west CONUS helped to ed convection off the high nvection to be carried into ts, storms easily moved near of almost 180 degrees a some of the supercells.
A developing strong 850-500 hPa zonal flow di levelop convection across the region. Perturb errain of New Mexico. With good 700-500 mb he Panhandles region. With SBCAPE of 2000- ast into the Panhandles in a favorable enviro in the lower levels just out ahead of the conve damaging winds and large hail were Late repo winds were produced with these storms before	displaced well to the south of a bations in the 700-500 hPa in the flow of 30-50 kts in the afternormal of the flow of 30-50 kts in the afternormal of the flow of 30-50 kts in the afternormal of 30-50 kts in the flow of th	the zonal west-eas oon of the 15th, th effective shear ap AMA showed also ms rotating with b ter being felled clo	eature in the north st pattern develop is allowed the co proaching 50-60 k good direction sh rief funnels within ose to the trunk du	west CONUS helped to ed convection off the high nvection to be carried into ts, storms easily moved near of almost 180 degrees a some of the supercells.
developing strong 850-500 hPa zonal flow dievelop convection across the region. Perturberain of New Mexico. With good 700-500 mb ne Panhandles region. With SBCAPE of 2000-ast into the Panhandles in a favorable environ the lower levels just out ahead of the convertamaging winds and large hail were Late reportings were produced with these storms before	displaced well to the south of a bations in the 700-500 hPa in the flow of 30-50 kts in the afternormal of the flow of 30-50 kts in the afternormal of the flow of 30-50 kts in the afternormal of 30-50 kts in the flow of th	the zonal west-eas oon of the 15th, th effective shear ap AMA showed also ms rotating with b ter being felled clo	eature in the north st pattern develop is allowed the co proaching 50-60 k good direction sh rief funnels within ose to the trunk du	west CONUS helped to ed convection off the high nvection to be carried into ts, storms easily moved near of almost 180 degrees a some of the supercells. ne to thunderstorm Hail (1.75 in)
developing strong 850-500 hPa zonal flow di evelop convection across the region. Perturb errain of New Mexico. With good 700-500 mb ne Panhandles region. With SBCAPE of 2000- ast into the Panhandles in a favorable enviro in the lower levels just out ahead of the conve amaging winds and large hail were Late reportinds were produced with these storms before	displaced well to the south of a bations in the 700-500 hPa in the flow of 30-50 kts in the afternorment. 00Z RAOB data from A cection. This lead to some store or tof trees up to 2 feet diameter moving east out of the region of 100.73]	the zonal west-eas oon of the 15th, th effective shear ap AMA showed also ms rotating with b ter being felled clo	eature in the north st pattern develop his allowed the con proaching 50-60 k good direction sh rief funnels within ose to the trunk due a 15th.	west CONUS helped to ed convection off the high nvection to be carried into ts, storms easily moved near of almost 180 degrees a some of the supercells. ne to thunderstorm
developing strong 850-500 hPa zonal flow divevelop convection across the region. Perturberrain of New Mexico. With good 700-500 mb ne Panhandles region. With SBCAPE of 2000-ast into the Panhandles in a favorable environ the lower levels just out ahead of the convertamaging winds and large hail were Late repovinds were produced with these storms before COBERTS COUNTY 3.6 NNE CODMAN [35.6]	displaced well to the south of a bations in the 700-500 hPa in the flow of 30-50 kts in the afternormal flow of 30-50 kts in the sound flow of 30-50 kts in the afternormal flow of 30-50 kts in the afte	the zonal west-eas oon of the 15th, th effective shear ap AMA showed also ms rotating with b ter being felled clo	eature in the north st pattern develop his allowed the con proaching 50-60 k good direction sh rief funnels within ose to the trunk due a 15th.	west CONUS helped to ed convection off the high nvection to be carried into ts, storms easily moved near of almost 180 degrees a some of the supercells. ne to thunderstorm Hail (1.75 in)
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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HEMPHILL COUNTY 1.5 NNW CANADIAN [35.	- · · · · · · · · · · · · · · · · · · ·			
	05/16/18 17:52 CST		0	Hail (1.00 in)
	05/16/18 17:52 CST		0	Source: Trained Spotter
Pea to quarter sized hail.				
HEMPHILL COUNTY 0.7 N CANADIAN [35.91,	-100.38]			
	05/16/18 17:55 CST		0	Hail (1.50 in)
	05/16/18 17:55 CST		0	Source: Trained Spotter
Mostly pea to quarter size. Found one stone that	was the size of a ping pong l	ball.		
HEMPHILL COUNTY 2.8 NNE CANADIAN [35.	94, -100.37]			
	05/16/18 18:00 CST		0	Hail (1.00 in)
	05/16/18 18:00 CST		0	Source: Trained Spotter
Mostly nickel size hail with a few quarters at the C	anadian Golf Course.			
HEMPHILL COUNTY CANADIAN [35.90, -100.3	88]			
•	05/16/18 18:00 CST		0	Hail (1.50 in)
	05/16/18 18:00 CST		0	Source: Social Media
GRAY COUNTY 8.5 E LEFORS [35.42, -100.67]	<u> </u>			
	05/16/18 18:45 CST		0	Hail (1.00 in)
Seven miles east of Lefors on Highway 1321.				
eastern New Mexico and move east into the wes evening hours, additional supercells developed good surface moisture in-conjunction with a go northeast TX Panhandle did produce hail up to g	across parts of the eastern od veering wind profile to s	n TX Panhandle w upport supercells	here south-south	vesterly flow advected
LIPSCOMB COUNTY 0.6 W HIGGINS [36.12, -	-		_	
	05/17/18 09:27 CST		0	Hail (0.88 in)
	05/17/18 09:27 CST		0	Source: Trained Spotter
MOORE COUNTY 4.5 SSW DUMAS MUNI ARP				
	05/17/18 16:20 CST		0	Hail (1.25 in)
	05/17/18 16:20 CST		0	Source: Law Enforcement
HUTCHINSON COUNTY 0.7 N FRITCH [35.64,	=			
	05/17/18 16:25 CST		0	Hail (1.25 in)
	05/17/18 16:25 CST		0	Source: Trained Spotter
HUTCHINSON COUNTY 0.7 N FRITCH [35.64,	-101.60]			
	05/17/18 16:34 CST		0	Hail (1.25 in)
	05/17/18 16:34 CST		0	Source: Storm Chaser
HUTCHINSON COUNTY 2.8 E FRITCH [35.63,	=			
	05/17/18 16:57 CST		0	Hail (1.00 in)
	05/17/18 16:57 CST		0	Source: Trained Spotter
HUTCHINSON COUNTY 3.6 NE FRITCH [35.67	, -101.56]			
	05/17/18 18:04 CST		0	Hail (1.25 in)
	05/17/18 18:04 CST		0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	BORGER [35.66, -101.40], 1.3 WSW BOR	GER [35.66, -101	.40], 1.3 WSW BO	RGER [35.66, -101.40], 1.3 WSW
BORGER [35.66, -101.40]	05/17/18 18:30 CST		0	Flood (due to Heavy Rain)
	05/17/18 18:50 CST		0	Source: Emergency Manager
NW Borger had approximately 6 inche eopened by 750 PM.	es of running water in flood prone roadway	rs around 730 PM	. The water quickl	y drained off and closed roads were
HUTCHINSON COUNTY 3.5 SW S	- · · ·			11.17.4.75.5.)
	05/17/18 18:34 CST 05/17/18 18:34 CST		0	Hail (1.75 in) Source: Trained Spotter
	03/17/10 10.34 C31		U	Source. Trained Spotter
IUTCHINSON COUNTY 0.9 NW H	IUTCHINSON CO ARPT [35.71, -101.41]			
	05/17/18 18:46 CST		0	Hail (2.00 in)
	05/17/18 18:46 CST		0	Source: Trained Spotter
Hen egg size hail covering the ground	d, late report received via Facebook.			
HUTCHINSON COUNTY 1.3 WNW	BORGER [35.68, -101.40]			
	05/17/18 18:55 CST		0	Hail (2.00 in)
	05/17/18 18:55 CST		0	Source: Social Media
HUTCHINSON COUNTY 1.3 ESE H	HUTCHINSON CO ARPT [35.69, -101.38] 05/17/18 19:05 CST		0	Hail (2.00 in)
	05/17/18 19:05 CST 05/17/18 19:05 CST		0	Source: Social Media
he northeast TX/OK Panhandles. As nappened on the afternoon of the 17 around 30-40 kts and 500 mb flow o shear. DCAPE and MUCAPE values	ow downstream of a small amplitude ridg s a result, some severe criteria hail was r 7th. A dryline setup across the western a ut of the west of 40-50 kts. set the stages s of around 1500 J/Kg with good mid-leve	reported. The mo nd central combi s for good lift in t l lapse rates allo	re widespread thu ned Panhandles v ne atmosphere wi wed supercell init	inderstorm activity with SE surface flow th decent directional ial development of
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Deaths &

Property &

Event Type and Details

Date/Time

Location

	I	Injuries	Crop Dmg	I	
Upper level trough moving through the Figeritral Panhandles. To the east of the draind MUCAPE over 2500 J/Kg with large Coupercells then developed producing hait congealed quickly into a line. Some cells came in as the line moved quickly to the	yline, after observing 18Z RAOB out of A CAPE pronounced in the hail growth zor I as big as tennis balls reported across initially did exhibit rotation before cong	Amarillo, low ne. As the dry parts of the r gealing into a	level moistur line shifted ir northeast TX I	re was present with SBCAPE nto the eastern Panhandles, Panhandle. Cells then	
HEMPHILL COUNTY 4.8 NE GAGEBY [
ILINI THEE GOOK! I 4.5 KE GAGED!	05/19/18 21:39 CST		0	Hail (2.75 in)	
	05/19/18 21:39 CST		0	Source: Broadcast Media	
Broadcast media relayed pictures of dama	ge to skylight and windshield and also pic	tures of the h	ail.		
RANDALL COUNTY 5.1 NNW TIMBERG	CREEK CANYON [35.12, -101.85]				
	05/19/18 22:12 CST		0	Hail (0.88 in)	
	05/19/18 22:12 CST		0	Source: Broadcast Media	
lickel size hail reported.					
OTTER COUNTY (AMA)AMARILLO IN			0	Thursdaystaym Wind (MC 50 Lt)	
	05/19/18 22:13 CST 05/19/18 22:13 CST		0	Thunderstorm Wind (MG 50 kt) Source: ASOS	
	03/19/10 22:13 001		O	Source. ASSS	
RANDALL COUNTY 3.9 WSW AMARIL	LO [35.18, -101.88], 3.9 WSW AMARILLO) [35.18, -101.	88], 3.9 WSW	AMARILLO [35.18, -101.88], 3.9 WSW	
MARILLO [35.18, -101.88]	05/10/10 00 00 007		•	5	
	05/19/18 22:30 CST		0	Flood (due to Heavy Rain)	
	05/19/18 23:30 CST		0	Source: Broadcast Media	
MARILLO [35.16, -101.88]	05/19/18 22:30 CST 05/19/18 23:30 CST	.16, -1 0 1.88 <u>J</u> ,	0 0	Flood (due to Heavy Rain) Source: Broadcast Media	
treet flooding near and around the interse	ction of 45th and Western.				
RANDALL COUNTY 3.0 SSW AMARILL MARILLO [35.16, -101.85]	.O [35.16, -101.85], 2.9 SSW AMARILLO	[35.16, -101.8	5], 3.0 SSW A	AMARILLO [35.16, -101.85], 3.0 SSW	
WIANIELO [35.16, -101.65]	05/19/18 22:41 CST		0	Flood (due to Heavy Rain)	
	05/19/18 23:41 CST		0	Source: Broadcast Media	
treet flooding reported near 45th and Was	shington St.				
Residual outflow boundaries from the properties of the properties of the properties and colliding with other smaller outlines for Amarillo and one particular verduring the overnight hours.	ar, one main outflow boundary raced so tflow boundaries generated some thun	outheast acro derstorms. H	ss the Panha andful of repo	ndles during the evening orts of flooding and gusty	
HUTCHINSON COUNTY FRITCH [35.63	, -101.60]				
	05/19/18 23:45 CST		0	Thunderstorm Wind (EG 43 kt)	
	05/19/18 23:45 CST		0	Source: Broadcast Media	
The National Park Service said around 12: Fortress boat dock when it suddenly capsiz		rl Kaiser was t	trying to load h	his swamped tracker boat near the Fritch	
Local CBS news media reported the follo morning, 57-year-old Carl Kaiser was tryi capsized. He then became trapped under unsuccessful".	ng to load his swamped tracker boat ne	ar the Fritch	Fortress boat	t dock when it suddenly	

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HANSFORD COUNTY --- 5.6 E GRUVER [36.26, -101.30]

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details	
	05/23/18 17:13 CST		0	Hail (0.75 in)	
	05/23/18 17:13 CST		0	Source: Trained Spotter	
HANSFORD COUNTY 2.2 W SPEARMAN	J [36 20 -101 24]				
IANOI OND COUNTY 2.2 W OF EARWAY	05/23/18 17:30 CST		0	Hail (1.00 in)	
	05/23/18 17:30 CST		0	Source: Law Enforcement	
Spotter is at highway 15 and FM 2387 just w	est of Spearman.				
HANSFORD COUNTY 0.4 E SPEARMAN	[36.20, -101.19], 0.6 E SPEARMA	N [36.20101.19]	0.6 E SPEARMAN	[36.20101.19], 0.4 E SPEARMAN	
36.20, -101.19]	L ,				
	05/23/18 18:13 CST		0	Flood (due to Heavy Rain)	
	05/23/18 19:13 CST		0	Source: Trained Spotter	
Vater standing over roadways and streets.	Bar ditches overflowing. Intersection	ons flooded with w	ater 6 to 8 inches o	leep.	
IEMPHILL COUNTY 0.5 W CANADIAN [35.90, -100.39], 0.5 WNW CANADI	AN [35.90, -100.3	9], 0.5 WNW CANA	DIAN [35.90, -100.39], 0.5 WNW	
CANADIAN [35.90, -100.39]	05/23/18 21:40 CST		0	Flood (due to Heavy Rain)	
	05/23/18 22:40 CST		0	Source: Trained Spotter	
Vater has filled the bar ditches and is flowin	g over the road about 1 to 2 inches			·	
vater has lined the par district and is nown.	g over the road about 1 to 2 monet	·.			
Theta-e ridge axis coupled with a surface I				_	
RAOB data on the 24th showed an abunda flow. As a result, as diurnal convection de			-		
low. As a result, as diurnal convection de looding was a concern as well with severa			=	_	
eported.	arnooded roadways reported. Wil	unin the stronger	storms, nam up to	quarters were also	
TX-Z317) PALO DORO CANYON	05/05/40 44 05 007				
	05/25/18 14:35 CST		0	Heat	
	05/25/18 14:35 CST		0		
Reported from local CBS media: "A 50-vea	r-old Kansas woman was found o	dead in Palo Duro	Canvon Fridav af	ternoon. The Randall County	
Reported from local CBS media: "A 50-yea Sheriff's Office said she had become sepa					
-	rated from her family who were a	II hiking in the are	a. She was later fo	ound dead off the	
Sheriff's Office said she had become sepa	rated from her family who were a	II hiking in the are	a. She was later fo	ound dead off the	
Sheriff's Office said she had become sepa Lighthouse Trail. Authorities said the temp	rated from her family who were a perature was in the low 100s on F	ll hiking in the are riday and she die	a. She was later fo	ound dead off the exhaustion".	
Sheriff's Office said she had become sepa Lighthouse Trail. Authorities said the temp According to local Palo Duro Canyon State	rated from her family who were a perature was in the low 100s on F Park Floor Mesonet observation	ll hiking in the are riday and she die	a. She was later fo	ound dead off the exhaustion".	
Sheriff's Office said she had become sepa Lighthouse Trail. Authorities said the temp According to local Palo Duro Canyon State	rated from her family who were a perature was in the low 100s on F Park Floor Mesonet observation	ll hiking in the are riday and she die	a. She was later fo	ound dead off the exhaustion".	
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Sheriff's Office said she had become sepa Lighthouse Trail. Authorities said the temp According to local Palo Duro Canyon State HEMPHILL COUNTY 0.6 W GAGEBY [35	rated from her family who were a perature was in the low 100s on F e Park Floor Mesonet observation .62, -100.34] 05/25/18 18:24 CST 05/25/18 18:24 CST	ll hiking in the are riday and she die	a. She was later for d of possible heat operatures on the	ound dead off the exhaustion". 25th reached 107 degrees. Hail (1.00 in)	
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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WHEELER COUNTY 4.5 ENE NEW	MOBEETIE [35.56, -100.36]			
	05/25/18 18:45 CST		0	Hail (1.25 in)
	05/25/18 18:45 CST		0	Source: Storm Chaser
Report received by the spotter network				
WHEELER COUNTY 4.0 ENE NEW				
	05/25/18 18:51 CST		0	Hail (1.25 in)
	05/25/18 18:51 CST		0	Source: Storm Chaser
Half dollar size received by spotter net	work.			
WHEELER COUNTY 0.6 W WHEEL				
	05/25/18 18:55 CST		0	Funnel Cloud
	05/25/18 18:55 CST		0	Source: Broadcast Media
ocal ABC affiliate webcam capturing h	nigh based funnel cloud with thunderstor	m.		
retreated west, enough surface conve coundary, a lone supercell formed wi	hill County, TX and drifted south acrosergence in-conjunction with ample CAI th severe criteria hail and even a funne displaced which dissipated the superc	PE in the hail grovel cloud was repo	wth zone and dece	nt wind shear along the
HANSFORD COUNTY 0.9 SW GRU			0	H-1/4 00 in)
	05/27/18 17:15 CST		0	Hail (1.00 in)
	05/27/18 17:15 CST		0	Source: Storm Chaser
GRAY COUNTY 1.3 WSW PAMPA [35.52, -100.99]			
	05/27/18 19:00 CST		0	Hail (1.75 in)
	05/27/18 19:00 CST		0	Source: Law Enforcement
Golf ball sized hail on Highway 60 sout	hwest of Pampa.			
CARSON COUNTY 0.7 N SKELLYT	OWN [35.58, -101.18]			
	05/27/18 19:07 CST		0	Hail (0.75 in)
	05/27/18 19:07 CST		0	Source: Public
Mping report.				
CARSON COUNTY 0.6 NE SKELLY	TOWN [35.58, -101.17], 0.6 NE SKELLY	TOWN [35.58, -10)1.17], 0.6 ENE SK	ELLYTOWN [35.57, -101.17], 0.6 ENE
SKELLYTOWN [35.57, -101.17]	05/27/18 19:10 CST		0	Flood (due to Heavy Rain)
	05/27/18 19:10 CST		0	Source: Public
Heavy rainfall producing localized stree	et flooding.			
CARCON COUNTY AS NE SKELLY	TOWN [25 50 404 47]			
CARSON COUNTY 0.9 NE SKELLY	05/27/18 19:10 CST		0	Hail (1.00 in)
	05/27/18 19:10 CST		0	Source: Public
Hail between dime and nickel, with a fe	ew quarter sized.			
CARSON COUNTY 0.5 NE SKELLY	TOWN [35.58, -101.17], 0.6 NE SKELLY	TOWN [35.5810	01.171. 0.6 NE SKE	LLYTOWN [35.58101.17], 0.5 NE
SKELLYTOWN [35.58, -101.17]			-	-
	05/27/18 19:17 CST		0	Flood (due to Heavy Rain)
	05/27/18 20:17 CST		0	Source: Trained Spotter
Street flooding reported.				

CARSON COUNTY --- 0.7 N SKELLYTOWN [35.58, -101.18]

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	0.88 in) ce: Trained Spotter
0 Sourc	ce: Trained Spotter
	1.75 in)
0 Source	ce: Fire Department/Rescue
	derstorm Wind (EG 52 kt)
0 Source	ce: Fire Department/Rescue
·	1.00 in)
0 Source	ce: Public
0 Hail (1.00 in)
0 Source	ce: Trained Spotter
0 Thun	derstorm Wind (EG 52 kt)
0 Source	ce: Trained Spotter
0 Hail (1.75 in)
0 Source	ce: Trained Spotter
0 Hail (1.75 in)
0 Source	ce: Law Enforcement
0 Thun	derstorm Wind (EG 51 kt)
0 Source	ce: Law Enforcement
Pampa, with very strong winds.	
0 Thun	derstorm Wind (EG 70 kt)
0 Source	ce: Trained Spotter
	0 Hail (0 Source 1 Thun (1 Source 1 Thun (1 Source 1 Thun (1 Source 1 Thun (2 Source 1 Thun (3 Source 1 Thun (4 Source 1 Thun (5 Source 1 Thun (6 Source 1 Thun (7 Thun (7 Thun (8 Source 1 Thun (9 Source 1 Thun (1 Thun

GRAY COUNTY --- 1.5 NNE PAMPA [35.55, -100.96], 1.5 NNE PAMPA [35.55, -100.96], 1.5 NNE PAMPA [35.55, -100.96], 1.5 NNE PAMPA [35.55, -100.96]

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3RAY COUNTY — 3.1 WNW PAMPA [35.55, -101.02] 05/27/18 20:15 CST 0 Source: Social Media 3RAY COUNTY — 1.5 NNE PAMPA [35.55, -100.96] 05/27/18 20:17 CST 0 Source: Public 3RAY COUNTY — 1.5 SEP PAMPA [35.52, -100.96] 05/27/18 20:20 CST 0 Source: Social Media 3RAY COUNTY — 1.3 ESE PAMPA [35.52, -100.96] 05/27/18 20:20 CST 0 Source: Public 3RAY COUNTY — 4.8 S PAMPA [35.54, -100.97] 05/27/18 20:20 CST 0 Source: Social Media 3RAY COUNTY — 4.8 S PAMPA [35.54, -100.97] 05/27/18 20:22 CST 0 Source: Social Media 3RAY COUNTY — 4.8 S PAMPA [35.53, -100.98] 05/27/18 20:22 CST 0 Source: Social Media 3RAY COUNTY — 0.5 E PAMPA [35.53, -100.98] 05/27/18 20:25 CST 0 Source: Local Official 3RAY COUNTY — 0.5 E PAMPA [35.53, -100.98] 05/27/18 20:25 CST 0 Source: Public 3RAY COUNTY — 1.5 NNW PAMPA [35.55, -100.98] 05/27/18 20:26 CST 0 Source: Public 3RAY COUNTY — 1.5 NNW PAMPA [35.54, -100.98] 05/27/18 20:26 CST 0 Source: Public 3RAY COUNTY — 1.5 NNW PAMPA [35.54, -100.98] 05/27/18 20:26 CST 0 Source: Public 3RAY COUNTY — 1.5 NNW PAMPA [35.54, -100.98] 05/27/18 20:26 CST 0 Source: Public 3RAY COUNTY — 1.5 NNW PAMPA [35.54, -100.98] 05/27/18 20:27 CST 0 Thunderstorm Wind (EG 52 kt) 0 Source: Public 3RAY COUNTY — 1.5 NNW PAMPA [35.54, -100.98] 05/27/18 20:47 CST 0 Source: Public	Minor street flooding in Pampa. GRAY COUNTY 3.1 WNW PAMPA [35.55, -101.0				
BRAY COUNTY — 3.1 WNW PAMPA [35.55, 191.02] 0					esaissi Lineigensy managei
0.5/27/18 20:15 CST 0 Hail (2.0 in) 0.5/27/18 20:15 CST 0 Source: Social Media Facebook report with photos. SRAY COUNTY 1.5 NNE PAMPA [35.55, -100.95] 0.5/27/18 20:17 CST 0 Hail (2.75 in) 0.5/27/18 20:17 CST 0 Source: Public Basebail hail a few blocks north of the blowing alley. 0.5/27/18 20:20 CST 0 Hail (2.75 in) 0.5/27/18 20:20 CST 0 Source: Social Media Facebook report. SRAY COUNTY 1.3 ESE PAMPA [35.52, -100.95] 0.5/27/18 20:20 CST 0 Hail (2.75 in) 0.5/27/18 20:20 CST 0 Source: Social Media Facebook report. 0.5/27/18 20:22 CST 0 Hail (2.75 in) 0.5/27/18 20:22 CST 0 Source: Docid Official SRAY COUNTY 4.8 5 PAMPA [35.54, -100.97] 0.5/27/18 20:25 CST 0 Hail (2.50 in) 0.5/27/18 20:25 CST 0 Source: Public Facebook report. SRAY COUNTY 1.5 NNW PAMPA [35.55, -100.98] 0.5/27/18 20:25 CST 0 Hail (2.50 in) 0.5/27/18 20:25 CST 0 Source: Public Familia ball hail. SRAY COUNTY 1.5 NNW PAMPA [35.55, -100.88] 0.5/27/18 20:25 CST 0 Hail (7.75 in) 0.5/27/18 20:25 CST 0 Source: Public SRAY COUNTY 1.5 NNW PAMPA [35.54, -100.88] 0.5/27/18 20:27 CST 0 Source: Public SRAY COUNTY 1.5 NNW PAMPA [35.54, -100.88] 0.5/27/18 20:27 CST 0 Source: Public SRAY COUNTY 1.5 NNW PAMPA [35.54, -100.88] 0.5/27/18 20:27 CST 0 Source: Public SRAY COUNTY 1.5 NNW PAMPA [35.54, -100.88] 0.5/27/18 20:27 CST 0 Source: Law Enforcement No Source: Law Enforcement No Source: Law Enforcement No wain supercells developed under moderate to strong instability, shear around 30 kt, steep mid-level lapse rates and divergence in he upper levels. Low-level 1 also developed after sunset to have storms continue into the evening hours. Northern supercell across seat central TX Panhandle produced up to baseball sized hail and and wind guists up to 6 MPH. SHERMAN COUNTY 2.1 SMALLETT [36.32, -102.10] 0.5/28/18 16:39 CST 0 Hail (1.25 in) 0.5/28/18 16:39 CST 0 Hail (1.25 in)	GRAY COUNTY 3.1 WNW PAMPA [35.55, -101.0				
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6927/18 20.17 CST	Facebook report with photos.				
05/27/18 20:17 CST 0 Source: Public	GRAY COUNTY 1.5 NNE PAMPA [35.55, -100.96	 6]			
SRAY COUNTY 1.3 ESE PAMPA [35.52, -100.95] O5/27/18 20:20 CST		05/27/18 20:17 CST		0	Hail (2.75 in)
### SPRAY COUNTY 1.3 ESE PAMPA [35.52, -100.95]		05/27/18 20:17 CST		0	Source: Public
05/27/18 20/20 CST 0 Hall (2.75 in) 05/27/18 20/20 CST 0 Source: Social Media Facebook report. SRAY COUNTY 4.8 S PAMPA [38.46, -100.97] 05/27/18 20/22 CST 0 Hall (1.75 in) 05/27/18 20/22 CST 0 Source: Local Official SRAY COUNTY 0.6 E PAMPA [38.53, -100.98] 05/27/18 20/25 CST 0 Hall (2.50 in) 05/27/18 20/25 CST 0 Source: Public Fernis ball hail. SRAY COUNTY 1.5 NNW PAMPA [38.55, -100.98] 05/27/18 20/26 CST 0 Source: Public Fernis ball hail. SRAY COUNTY 1.5 NNW PAMPA [36.55, -100.98] 05/27/18 20/26 CST 0 Source: Public SRAY COUNTY 1.5 NNW PAMPA [36.55, -100.98] 05/27/18 20/26 CST 0 Source: Public SRAY COUNTY 1.5 NNW PAMPA [36.55, -100.98] 05/27/18 20/27 CST 0 Source: Law Enforcement SRAY COUNTY 1.5 NNW PAMPA [36.55, -100.98] 05/27/18 20/27 CST 0 Thunderstorm Wind (EG 52 kt) 05/27/18 20/27 CST 0 Source: Law Enforcement Seported by law enforcement. Wow main supercells developed under moderate to strong instability, shear around 30 kt, steep mid-level lapse rates and divergence in the upper levels. Low-level et also developed after sunset to have storms continue into the evening hours. Northern supercell across northern TX and southern No Pampandle produce hall up to quarters and wind gusts above 60 MPH. Southern supercell across cast central TX Pamhandle produced up to baseball sized hall and and wind gusts up to 60 MPH. SHERMAN COUNTY 2.1 S MALLETT [36.32, -102.10] 05/28/18 16:39 CST 0 Hail (1.00 in) 05/28/18 16:39 CST 0 Source: Trained Spotter Frained spotter reported quarter size hail.	Baseball hail a few blocks north of the blowing alley	' .			
Second	GRAY COUNTY 1.3 ESE PAMPA [35.52, -100.9	5]			
### SPAMPA [35.46, -100.97]		05/27/18 20:20 CST		0	Hail (2.75 in)
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### COUNTY 0.6 E PAMPA [35.53, -100.96] 05/27/18 20:25 CST		05/27/18 20:22 CST		0	Source: Local Official
05/27/18 20:25 CST 0 Hail (2.50 in) 05/27/18 20:25 CST 0 Source: Public	ocal official south of Pampa reporting golf ball size	ed hail.			
05/27/18 20:25 CST 0 Source: Public Tennis ball hail. SRAY COUNTY 1.5 NNW PAMPA [35.55, -100.98] 05/27/18 20:26 CST 0 Hail (1.75 in) 05/27/18 20:26 CST 0 Source: Public SRAY COUNTY 1.3 ENE LEFORS [35.44, -100.80] 05/27/18 20:47 CST 0 Thunderstorm Wind (EG 52 kt) 05/27/18 20:47 CST 0 Source: Law Enforcement Reported by law enforcement. Wo main supercells developed under moderate to strong instability, shear around 30 kt, steep mid-level lapse rates and divergence in he upper levels. Low-level et also developed after sunset to have storms continue into the evening hours. Northern supercell across northern TX and southern DK Panhandle produce hail up to quarters and wind gusts above 60 MPH. Southern supercell across east central TX Panhandle produced up to baseball sized hail and and wind gusts up to 60 MPH. SHERMAN COUNTY 2.1 S MALLETT [36.32, -102.10] 05/28/18 16:39 CST 0 Source: Trained Spotter Trained spotter reported quarter size hail. SHERMAN COUNTY 2.1 NNW MALLETT [36.38, -102.11] 05/28/18 16:52 CST 0 Hail (1.25 in)	GRAY COUNTY 0.6 E PAMPA [35.53, -100.96]				
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05/27/18 20:26 CST 0 Hail (1.75 in) 05/27/18 20:26 CST 0 Source: Public BRAY COUNTY 1.3 ENE LEFORS [35.44, -100.80] 05/27/18 20:47 CST 0 Thunderstorm Wind (EG 52 kt) 05/27/18 20:47 CST 0 Source: Law Enforcement Reported by law enforcement. Five main supercells developed under moderate to strong instability, shear around 30 kt, steep mid-level lapse rates and divergence in he upper levels. Low-level et also developed after sunset to have storms continue into the evening hours. Northern supercell across northern TX and southern DX Panhandle produce hail up to quarters and wind gusts above 60 MPH. Southern supercell across east central TX Panhandle produced up to baseball sized hail and and wind gusts up to 60 MPH. BHERMAN COUNTY 2.1 S MALLETT [36.32, -102.10] 05/28/18 16:39 CST 0 Hail (1.00 in) 05/28/18 16:39 CST 0 Source: Trained Spotter Frained spotter reported quarter size hail. SHERMAN COUNTY 2.1 NNW MALLETT [36.38, -102.11] 05/28/18 16:52 CST 0 Hail (1.25 in)	Fennis ball hail.				
05/27/18 20:26 CST 0 Source: Public BRAY COUNTY 1.3 ENE LEFORS [35.44, -100.80] 05/27/18 20:47 CST 0 Thunderstorm Wind (EG 52 kt) 05/27/18 20:47 CST 0 Source: Law Enforcement Beported by law enforcement. We omain supercells developed under moderate to strong instability, shear around 30 kt, steep mid-level lapse rates and divergence in the upper levels. Low-level et also developed after sunset to have storms continue into the evening hours. Northern supercell across northern TX and southern DX Panhandle produce hail up to quarters and wind gusts above 60 MPH. Southern supercell across east central TX Panhandle produced up to baseball sized hail and and wind gusts up to 60 MPH. SHERMAN COUNTY 2.1 S MALLETT [36.32, -102.10] 05/28/18 16:39 CST 0 Source: Trained Spotter Trained spotter reported quarter size hail.	GRAY COUNTY 1.5 NNW PAMPA [35.55, -100.9	8]			
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05/27/18 20:47 CST 0 Thunderstorm Wind (EG 52 kt) 05/27/18 20:47 CST 0 Source: Law Enforcement Reported by law enforcement. We main supercells developed under moderate to strong instability, shear around 30 kt, steep mid-level lapse rates and divergence in the upper levels. Low-level et also developed after sunset to have storms continue into the evening hours. Northern supercell across northern TX and southern Mot Panhandle produce hail up to quarters and wind gusts above 60 MPH. Southern supercell across east central TX Panhandle produced up to baseball sized hail and and wind gusts up to 60 MPH. SHERMAN COUNTY 2.1 S MALLETT [36.32, -102.10] 05/28/18 16:39 CST 0 Hail (1.00 in) 05/28/18 16:39 CST 0 Source: Trained Spotter Frained spotter reported quarter size hail.	GRAY COUNTY 1.3 ENE LEFORS (35.44, -100.8	301			
Reported by law enforcement. Two main supercells developed under moderate to strong instability, shear around 30 kt, steep mid-level lapse rates and divergence in the upper levels. Low-level et also developed after sunset to have storms continue into the evening hours. Northern supercell across northern TX and southern DK Panhandle produce hail up to quarters and wind gusts above 60 MPH. Southern supercell across east central TX Panhandle produced up to baseball sized hail and and wind gusts up to 60 MPH. SHERMAN COUNTY 2.1 S MALLETT [36.32, -102.10] 05/28/18 16:39 CST 0 Hail (1.00 in) 05/28/18 16:39 CST o Source: Trained Spotter Trained spotter reported quarter size hail. SHERMAN COUNTY 2.1 NNW MALLETT [36.38, -102.11] 05/28/18 16:52 CST 0 Hail (1.25 in)		=		0	Thunderstorm Wind (EG 52 kt)
Two main supercells developed under moderate to strong instability, shear around 30 kt, steep mid-level lapse rates and divergence in the upper levels. Low-level et also developed after sunset to have storms continue into the evening hours. Northern supercell across northern TX and southern DK Panhandle produce hail up to quarters and wind gusts above 60 MPH. Southern supercell across east central TX Panhandle produced up to baseball sized hail and and wind gusts up to 60 MPH. SHERMAN COUNTY 2.1 S MALLETT [36.32, -102.10] 05/28/18 16:39 CST 0 Hail (1.00 in) 05/28/18 16:39 CST 0 Source: Trained Spotter Trained spotter reported quarter size hail. SHERMAN COUNTY 2.1 NNW MALLETT [36.38, -102.11] 05/28/18 16:52 CST 0 Hail (1.25 in)		05/27/18 20:47 CST		0	Source: Law Enforcement
the upper levels. Low-level et also developed after sunset to have storms continue into the evening hours. Northern supercell across northern TX and southern OK Panhandle produce hail up to quarters and wind gusts above 60 MPH. Southern supercell across east central TX Panhandle produced up to baseball sized hail and and wind gusts up to 60 MPH. SHERMAN COUNTY 2.1 S MALLETT [36.32, -102.10] 05/28/18 16:39 CST 0 Hail (1.00 in) 05/28/18 16:39 CST 0 Source: Trained Spotter Frained spotter reported quarter size hail. SHERMAN COUNTY 2.1 NNW MALLETT [36.38, -102.11] 05/28/18 16:52 CST 0 Hail (1.25 in)	Reported by law enforcement.				
et also developed after sunset to have storms continue into the evening hours. Northern supercell across northern TX and southern OK Panhandle produce hail up to quarters and wind gusts above 60 MPH. Southern supercell across east central TX Panhandle produced up to baseball sized hail and and wind gusts up to 60 MPH. SHERMAN COUNTY 2.1 S MALLETT [36.32, -102.10] 05/28/18 16:39 CST 0 Hail (1.00 in) 05/28/18 16:39 CST 0 Source: Trained Spotter Frained spotter reported quarter size hail. SHERMAN COUNTY 2.1 NNW MALLETT [36.38, -102.11] 05/28/18 16:52 CST 0 Hail (1.25 in)	Two main supercells developed under moderate	to strong instability, shear	around 30 kt, ste	ep mid-level lapse	rates and divergence in
OK Panhandle produce hail up to quarters and wind gusts above 60 MPH. Southern supercell across east central TX Panhandle produced up to baseball sized hail and and wind gusts up to 60 MPH. SHERMAN COUNTY 2.1 S MALLETT [36.32, -102.10] 05/28/18 16:39 CST 0 Hail (1.00 in) 05/28/18 16:39 CST 0 Source: Trained Spotter Frained spotter reported quarter size hail. SHERMAN COUNTY 2.1 NNW MALLETT [36.38, -102.11] 05/28/18 16:52 CST 0 Hail (1.25 in)	he upper levels. Low-level				
### Trained spotter reported quarter size hail. SHERMAN COUNTY 2.1 S MALLETT [36.32, -102.10]	•	_	-		
05/28/18 16:39 CST 0 Hail (1.00 in) 05/28/18 16:39 CST 0 Source: Trained Spotter Trained spotter reported quarter size hail. SHERMAN COUNTY 2.1 NNW MALLETT [36.38, -102.11] 05/28/18 16:52 CST 0 Hail (1.25 in)		=			•
05/28/18 16:39 CST 0 Source: Trained Spotter Frained spotter reported quarter size hail. SHERMAN COUNTY 2.1 NNW MALLETT [36.38, -102.11] 05/28/18 16:52 CST 0 Hail (1.25 in)	SHERMAN COUNTY 2.1 S MALLETT [36.32, -10	=			W 7/4 00 :)
Trained spotter reported quarter size hail. SHERMAN COUNTY 2.1 NNW MALLETT [36.38, -102.11] 05/28/18 16:52 CST 0 Hail (1.25 in)					
SHERMAN COUNTY 2.1 NNW MALLETT [36.38, -102.11] 05/28/18 16:52 CST 0 Hail (1.25 in)		05/28/18 16:39 CST		0	Source: Trained Spotter
05/28/18 16:52 CST 0 Hail (1.25 in)	Frained spotter reported quarter size hail.				
` '	SHERMAN COUNTY 2.1 NNW MALLETT [36.38	=		0	Usil (4.25 in)
บร/28/18 1b:52 US1 U Source: Trained Spotter					· · · · · ·
		U5/28/18 16:52 CST		U	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SHERMAN COUNTY 2.7 NE MALLETT [36.38	, -102.07]			
	05/28/18 16:53 CST		0	Hail (1.75 in)
	05/28/18 16:53 CST		0	Source: Broadcast Media
HANSFORD COUNTY 3.9 W SPEARMAN [36				
	05/28/18 17:08 CST		0	Hail (1.00 in)
	05/28/18 17:08 CST		0	Source: Storm Chaser
OCHILTREE COUNTY 10.5 N FARNSWORTH	[36.43, -101.00]			
	05/28/18 18:16 CST		0	Hail (1.30 in)
	05/28/18 18:16 CST		0	Source: NWS Employee
SHERMAN COUNTY 9.1 S LAUTZ [36.09, -10	2.01]			
	05/28/18 18:45 CST		0	Hail (1.00 in)
	05/28/18 18:45 CST		0	Source: Trained Spotter
Late report of quarter size hail, with time estimate	ed from radar.			
HANSFORD COUNTY 8.4 W GRUVER [36.26]	, -101.55]			
•	05/28/18 19:34 CST		0	Hail (3.00 in)
	05/28/18 19:34 CST		0	Source: Public
HANSFORD COUNTY 7.8 NW GRUVER [36.3	4101.511			
	05/28/18 19:40 CST		0	Hail (2.75 in)
	05/28/18 19:40 CST		0	Source: Public
Report received by Twitter.				
HUTCHINSON COUNTY 2.8 SSE PRINGLE [3	5.91, -101.44]			
	05/28/18 19:57 CST		0	Hail (1.00 in)
	05/28/18 19:57 CST		0	Source: Public
Late report of quarter size hail, with a time estimate	ated from radar.			
HUTCHINSON COUNTY 4.7 WSW PRINGLE	[35.93, -101.53]			
	05/28/18 20:01 CST		0	Hail (1.75 in)
	05/28/18 20:01 CST		0	Source: Public
Late report received, and the time was estimated	on radar.			
HANSFORD COUNTY 9.1 S HITCHLAND [36.				
	05/28/18 20:05 CST		0	Hail (1.75 in)
	05/28/18 20:05 CST		0	Source: Law Enforcement
Reported on County Road 1261, northeast of Gro	uver.			
HANSFORD COUNTY 0.7 S SPEARMAN [36.				
	05/28/18 20:56 CST		0	Hail (1.50 in)
	05/28/18 20:56 CST		0	Source: Storm Chaser
Report received by spotter network.				
HANSFORD COUNTY 1.5 SSE SPEARMAN [36.18, -101.19]			
	05/28/18 20:56 CST		0	Hail (1.00 in)
	05/28/18 20:56 CST		0	Source: Law Enforcement
HANSFORD COUNTY 8.8 SSW SPEARMAN	(36.08, -101.251			
2.	05/28/18 20:57 CST		0	Hail (1.00 in)
	05/28/18 20:57 CST		0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OCHILTREE COUNTY 15.0 SE	FARNSWORTH [36.10, -100.82]			
	05/28/18 21:50 CST		0	Funnel Cloud
	05/28/18 21:50 CST		0	Source: Storm Chaser
unnel cloud one third of the way	down.			
CHILTREE COUNTY 10.4 SE	FARNSWORTH [36.19, -100.82]			
	05/28/18 22:00 CST		0	Hail (1.50 in)
	05/28/18 22:00 CST		0	Source: NWS Employee
CHILTREE COUNTY 16.7 SS	E PERRYTON MUNI ARPT [36.17, -100.66]			
	05/28/18 22:02 CST		0	Funnel Cloud
	05/28/18 22:02 CST		0	Source: Storm Chaser
innel cloud reported three quarte	ers of the way down at location. Report relay	ed by Twitter.		
PSCOMB COUNTY 1.5 NNW				The 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
	05/28/18 22:50 CST		0	Thunderstorm Wind (EG 52 kt)
	05/28/18 22:50 CST		0	Source: Public
ate report with time estimated fro	m radar.			
IPSCOMB COUNTY 3.5 N LIP				
	05/28/18 22:51 CST		0	Hail (1.25 in)
ate report, with time estimated fro	05/28/18 22:51 CST		0	Source: Public
upper level low pressure across evel lapse rates above 8 C/km across the western Panhandles whe dryline vs. SW to westerly be mean southerly wind flow to furth with good heating during the day effective shear of 30-40 kts, and andividual cells did have a strong gusts/reports. Thunderstorms ache daytime heating still in place totation did drop 2 tornadoes acrossing methods and segment of storms where large heanhandles before the storms expended.	pressure moving through the central Rockie portions of Arizona and New Mexico. This recross the northern Panhandles in the left exwhere good surface based directional shear thind the boundary. Ahead of the dryline, 85 ther enhance the gradient setup across the cross the cross the first produce the provided provided along good CAPE in the hail growth zone given long updraft to produce hail sizes that maxed of cross the northern and central half of the clainto the early evening hours, coupled with ross Texas County, OK with an EF-0 and EF hail and strong rotating thunderstorms contacting east of the region during the overnighted.	resulted in a large cit region of the jour or was established 50-700 mb moistu dryline. Morning or the dryline. Wi ow freezing levels out around 3" in ou uster did eventua 0-1 km SRH value 5-1 rating. Storms cinued into the late	e region of favoral et streak. A surfact along this bound if along this bound if a surged northw sounding profiles th sufficient SBCAs, storms developed ilameter; along willy cluster up to fees around 200 m2s remained mostly	ble ascent with high mid the dryline also developed thary of SE winds ahead of ard with good 20-30 kts and did show some cap, but the APE of 2000-3000 J/kg, and in multi cell clusters. the damaging winds torm line segments. With the segments with the cellular on the southern
ROBERTS COUNTY 0.9 SW MI	IAMI [35.69, -100.64] 05/29/18 16:13 CST		0	Hail (1.00 in)
	05/29/18 16:13 CST		0	Source: Trained Spotter
lail ranging from dime to quarter s	size.			
IPSCOMB COUNTY 5.7 ESE I	BOOKER [36.43, -100.43]			
	05/29/18 16:25 CST		0	Hail (1.75 in)
	05/29/18 16:25 CST		0	Source: Public
licture received of golf ball sized h	hail.			
RAY COUNTY 3.2 NNE LAKE	TON [35.59, -100.60]			
	05/20/18 16:31 CST		0	Hail (2.75 in)

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0

Hail (2.75 in)

Source: Storm Chaser

05/29/18 16:31 CST

05/29/18 16:31 CST

Baseball sized hail reported.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GRAY COUNTY 3.6 ENE LAKETON [35.57,				
	05/29/18 16:32 CST		0	Hail (1.75 in)
	05/29/18 16:32 CST		0	Source: Trained Spotter
GRAY COUNTY 1.1 E LAKETON [35.55, -10	=			
	05/29/18 16:33 CST		0	Funnel Cloud
	05/29/18 16:33 CST		0	Source: Storm Chaser
Storm chaser video showed a funnel cloud.				
WHEELER COUNTY 0.6 W NEW MOBEETIE	E [35.53, -100.44]			
	05/29/18 16:35 CST		0	Hail (2.00 in)
	05/29/18 17:20 CST		0	Source: Public
Hail from golf ball to hen egg size fell for 45 mir	nutes. Report received by Facel	oook messenger.		
GRAY COUNTY 4.8 SE LAKETON [35.50, -1	00.57]			
	05/29/18 16:36 CST		0	Tornado (EF0, L: 0.10 mi , W: 50 yd)
	05/29/18 16:37 CST		0	Source: Storm Chaser
A brief tornado touchdown occurred in an open	field with nothing known to have	e been damaged.		
LIPSCOMB COUNTY 1.5 NNW DARROUZE	TT [36.45, -100.33]			
	05/29/18 16:44 CST		0	Hail (1.25 in)
	05/29/18 16:44 CST		0	Source: Trained Spotter
MULES ED COUNTY A 2 205 MODERTIE 12	5 40 400 403			
WHEELER COUNTY 3.2 SSE MOBEETIE [3	05/29/18 16:57 CST		0	Hail (1.00 in)
	05/29/18 16:57 CST		0	Source: Storm Chaser
Report received from the spotter network.				
WHEELER COUNTY 2.8 S MOBEETIE [35.4	9 400 421			
WHEELER COUNTY 2.8 S MOBEETTE [35.4	05/29/18 17:09 CST		0	Tornado (EF0, L: 0.10 mi , W: 50 yd)
	05/29/18 17:10 CST		0	Source: County Official
A brief tornado touchdown was observed by the nothing known to have been damaged as a res		storm chaser in the	e area. The toucho	down occurred in an open field with
WHEELER COUNTY 3.2 SSE WHEELER [35				
	05/29/18 17:17 CST		0	Hail (1.00 in)
	05/29/18 17:17 CST		0	Source: Storm Chaser
Report received from the spotter network.				
WHEELER COUNTY 0.9 SW WHEELER [35				
	05/29/18 17:20 CST		0	Hail (3.00 in)
	05/29/18 17:20 CST		0	Source: Public
Report received by Twitter.				
NHEELER COUNTY 3.5 S WHEELER [35.40	0, -100.28]			
	05/29/18 17:26 CST		0	Funnel Cloud
	05/29/18 17:26 CST		0	Source: Storm Chaser
Storm chaser video showed a funnel cloud.				
WHEELER COUNTY 0.9 SW WHEELER [35.	.44, -100.28]			
_	05/29/18 17:45 CST		0	Hail (3.00 in)
	05/29/18 17:45 CST		0	Source: Broadcast Media

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Report relayed from Broadcast Media.				
WHEELER COUNTY 0.9 SW WHEELER [35.44,	-100.28]			
· ·	05/29/18 17:48 CST		0	Hail (2.75 in)
	05/29/18 17:48 CST		0	Source: Broadcast Media
Broadcast media relayed the report of baseball size	ed hail.			
Dryline setup across the eastern Panhandles in-c	conjunction with residual o	utflow boundaries	s from convection	from the previous day
set the stages for supercell development. SBCAF	PE values of 2000-3000 J/kg	j in a very favorat	ole low level moist	ture environment ahead of
the dryline along with effective SRH of 100-200 n	-		•	•
hours on the 29th in the eastern TX Panhandle. T			-	_
damaging wind gusts in the northeastern combir southeast TX Panhandle was a larger and strong			=	_
different locations in its path; both rated EF-0, ale		-	=	
DALLAM COUNTY 1.8 NW KERRICK [36.50, -10	=		0	H-il (4 00 i)
	05/30/18 18:21 CST		0	Hail (1.00 in)
	05/30/18 18:21 CST		0	Source: Trained Spotter
SHERMAN COUNTY 8.9 E STRATFORD [36.43,	101.911			
5.12.1.11.11.11.10.15.10.15.10.15.10.15.10.15.10.15.10.15.10.15.10.15.10.15.10.15.10.15.10.15.10.15.10.15.10.1	05/30/18 18:58 CST		0	Thunderstorm Wind (EG 52 kt)
	05/30/18 18:58 CST		0	Source: NWS Employee
Two semi-trailers likely blown down due to winds. [Damage is along highway 54	, just northeast of	county road 15.	
SHERMAN COUNTY 7.2 WSW TEXHOMA [36.4	- · · · · · · · · · · · · · · · · · · ·		0	11.11.(0.00.12)
	05/30/18 19:02 CST		0	Hail (2.00 in)
	05/30/18 19:02 CST		0	Source: NWS Employee
Two inch diameter hail near the intersection of FM	119 and county road D.			
HANSFORD COUNTY 5.0 NE GRUVER [36.33,	-101.35] 05/30/18 19:44 CST		0	Hail (4.25 in)
	05/30/18 19:44 CST		0	Hail (1.25 in) Source: Storm Chaser
	03/30/16 19.44 031		U	Source: Storm Chaser
Half Dollar size hail north of Gruver.				
HANSFORD COUNTY 5.1 NNE GRUVER [36.34	., -101.37] 05/30/18 19:45 CST		0	Hail (1.25 in)
	05/30/18 19:45 CST		0	Source: Storm Chaser
	03/30/10 19.43 031		O	Source. Storm Chaser
Measured 1.25 inch diameter hail and reported app	proximately 6 miles north-nor	rtheast of Gruver.		
HANSFORD COUNTY 6.2 N GRUVER [36.36, -1	01.41]			
	05/30/18 19:50 CST		0	Hail (1.50 in)
	05/30/18 19:50 CST		0	Source: NWS Employee
Half dollar to ping pong ball sized hail fell near the i	intersection of highway 136	and FM 2535.		
	•			
HANSFORD COUNTY 4.3 NE SPEARMAN [36.2	· •		0	Thundarstorm Wind (FC 52 kt)
	05/30/18 20:02 CST		0	Thunderstorm Wind (EG 52 kt)
	05/30/18 20:02 CST		0	Source: Storm Chaser
Storm chaser reports a downed power line along H	ighway 15 northeast of Spea	arman.		
HANSFORD COUNTY 9.2 ENE GRUVER [36.34	, -101.26]			
	05/30/18 20:07 CST		0	Hail (1.50 in)
	05/30/18 20:07 CST		0	Source: Storm Chaser
Ping Pong ball sized hail northeast of the town of G	Gruver.			

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OCHILTREE COUNTY 4.4 WSW PER				
	05/30/18 20:16 CST		0	Thunderstorm Wind (EG 52 kt) Source: Storm Chaser
O	05/30/18 20:16 CST	:-h 45	U	Source. Storm Chasel
Snapped power line approximately 3 to	4 miles southwest of Perryton, along hi	ignway 15.		
OCHILTREE COUNTY 1.3 WNW TW			0	Thursdevotern Wind (FO 50 lt)
	05/30/18 20:30 CST 05/30/18 20:30 CST		0	Thunderstorm Wind (EG 52 kt) Source: Law Enforcement
Later was at a Children Brown and a character of		and a submarker	O	Course. Law Emorcement
Late report of high line poles down from	damaging winds northeast of Perryton	via sheriff.		
LIPSCOMB COUNTY 2.6 ENE LIPSC				
	05/30/18 20:36 CST		0	Thunderstorm Wind (EG 52 kt)
	05/30/18 20:36 CST		0	Source: Trained Spotter
Wind damage reported east-northeast o	f Lipscomb.			
LIPSCOMB COUNTY 5.0 W LIPSCO				
	05/30/18 20:55 CST		0	Hail (2.00 in)
	05/30/18 20:55 CST		0	Source: Broadcast Media
Local media posted on social media a p	icture of large hail about 2 inches in dia	ameter.		
LIPSCOMB COUNTY 4.9 N DARROL	JZETT [36.50, -100.31]			
	05/30/18 21:01 CST		0	Funnel Cloud
	05/30/18 21:01 CST		0	Source: Emergency Manager
Funnel cloud reported north of Darrouze	ett near the state line.			
LIPSCOMB COUNTY 2.1 SSW LIPSC	COMB [36.20, -100.28]			
	05/30/18 21:05 CST		0	Hail (1.75 in)
	05/30/18 21:05 CST		0	Source: Public
Via Facebook.				
LIPSCOMB COUNTY LIPSCOMB [36	5.23100.271			
	05/30/18 21:07 CST		0	Hail (1.75 in)
	05/30/18 21:07 CST		0	Source: Law Enforcement
LIPSCOMB COUNTY 7.5 WNW HIGO	GINS [36.17, -100.14]			
	05/30/18 21:15 CST		0	Thunderstorm Wind (EG 52 kt)
	05/30/18 21:15 CST		0	Source: Law Enforcement
Large tree limbs across Highway 213 ju	st west of 1454 required crews to remo	ove.		
LIPSCOMB COUNTY 0.6 W HIGGINS	S [36.12, -100.03]			
	05/30/18 21:25 CST		0	Hail (2.50 in)
	05/30/18 21:25 CST		0	Source: Trained Spotter
All windows blown out on the north side	of a home.			
	2 126 42 400 021			
LIPSCOMB COUNTY 0.6 W HIGGINS	3 130.12100.031			
LIPSCOMB COUNTY 0.6 W HIGGINS	05/30/18 22:25 CST		0	Hail (1.75 in)

A SW-NE jet streak segment set up across New Mexico with good lift downstream of the jet max across the northern Panhandles where a strong 500 mb 40 kt. jet was also present across the Panhandles. A perturbation in the mean 500 mb flow moving across the southern Rockies helped to generate a small but strong line segment across eastern New Mexico which eventually moved east throughout the Oklahoma and far northern Texas Panhandles. The path of the line-segment storms followed along a noticeable 850-700 mb moisture gradient oriented NW-SE just downstream of the 700 mb perturbation axis. As the line of storms raced east, large hail up to tennis ball

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
_	e. Damaging wind gusts from RFD's and a funnel cloud was reported at one poin			ause some damage. On
LIPSCOMB COUNTY 0.9 NW BOO	OKER [36.46, -100.54]			
	05/30/18 23:01 CST		0	Hail (0.88 in)
	05/30/18 23:01 CST		0	Source: Trained Spotter
Late report of nickel sized hail.				
LIPSCOMB COUNTY 1.1 W BOOK	KER [36.45, -100.55]			
	05/30/18 23:01 CST		0	Hail (1.00 in)
	05/30/18 23:01 CST		0	Source: Trained Spotter

Late report of quarter sized hail around midnight with second storm.

A continuation of an event starting on 5/30 with reports lingering into the early morning hours of the 31st. Synopsis of main event is below:

A SW-NE jet streak segment set up across New Mexico with good lift downstream of the jet max across the northern Panhandles where a strong 500 mb 40 kt. jet was also present across the Panhandles. A perturbation in the mean 500 mb flow moving across the southern Rockies helped to generate a small but strong line segment across eastern New Mexico which eventually moved east throughout the Oklahoma and far northern Texas Panhandles. The path of the line-segment storms followed along a noticeable 850-700 mb moisture gradient oriented NW-SE just downstream of the 700 mb perturbation axis. As the line of storms raced east, large hail up to tennis ball sized cause some damages to home. Damaging wind gusts from RFD's and the storms progression did also cause some damage. On the southern edge of the line, even a funnel cloud was reported at one point in far NE TX Panhandle.

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