## Storm Data and Unusual Weather Phenomena - July 2021

ARMER COUNTY — FARWELL [34.38, -163.03]  O'705.21 00.12 CST 0 Thunderstorm Wind (EG 50 kt) O'705.21 00.12 CST 0 Thunderstorm Wind (EG 50 kt) O'705.21 00.12 CST 0 Thunderstorm Wind (EG 50 kt) O'705.21 00.12 CST 0 Thunderstorm Wind (EG 50 kt) O'705.21 00.12 CST 0 Thunderstorm Wind (MG 51 kt) O'705.21 00.12 CST 0 Thunderstorm Wind (MG 51 kt) O'705.21 00.21 0CST 0 Thunderstorm Wind (MG 51 kt) O'705.21 00.21 0CST 0 Thunderstorm Wind (MG 51 kt) O'705.21 0CST 0 Thunderstorm Wind (MG 52 kt) O'705.21 0CST 0 Thunderstorm Wind (MG 52 kt) O'705.21 0CST 0 Thunderstorm Wind (MG 52 kt) O'705.21 0CST 0 Source: Mesonet  A Texas Tech University West Texas mesonet sile near Wipo Park mesoawd a wind gual to 60 mph.  A Notewood Riving southward on the east side of an upper ridge fed to scattered flunderstorm development on the evening of the ourth across southeastern Knass into the Oklahoma Panhandle. This scribtly congaded into a line of atoms that moved south through he evening to southward on the east weeters obtain Pains producing slated store to damaging wind guals. The Parmer county Sheriffs department reported that a carport was blown into powerlines due to strong winds. A little farther south a Texas Tech Initivestry West Texas mesonet site near Wigo Park.  TX Z834 HOCKLEY  O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong Wind (AAX 43 kt) O'707/21 17:30 CST 0 Sitrong	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Or/06/21 00-12 CST 0 Thunderstorm Wind (EC 80 kt) 07/06/21 00-12 CST 0 Source: Law Enforcement Composition of Develines due to strong winds.  DOCHRAN COUNTY — 1.0 ENE MORTON (33.73, -102.75)	TEXAS, South Panhandle				
70/06/21 09-12 CST 0 Thunderstorm Wind (ECS 60 kt) 70/06/21 09-12 CST 0 Source: Law Enforcement Forest District Blown into powerlines due to strong winds.  **COCHRAN COUNTY — 1.0 ENE MORTON (\$3.73, -102.75)		_			
COCHRAN COUNTY — 1.0 ENE MORTON (33.73, -102.75)  OFFICIAL COUNTY — 1.0 ENE MORTON (33.73, -102.75)  OFFICIA	PARMER COUNTY FARWELL [34.38, -103.03	•		0	Thunderstorm Wind (FG 50 kt)
COCHRAN COUNTY — 1.0 ENE MORTON [33.73, -102.75]  OOR MORSO [0.2-10 CST					,
OCHRAN COUNTY 1.0 ENE MORTON [33.73, -162.75]					
O'70521 02:10 CST 0 Source: Mesonet  Toxas Toth University West Texas mesonet site near Vigo Park.  WISHER COUNTY — VIGO PARK [34.65, 401.48]  O'70521 05:17 CST 0 Thunderstorm Wind (MG 52 kt)  O'70521 05:17 CST 0 Source: Mesonet  Toxas Toth University West Texas mesonet site near Vigo Park measured a wind gust to 59 mph.  WISHER COUNTY — VIGO PARK [34.65, 401.48]  O'70521 05:17 CST 0 Source: Mesonet  Toxas Toth University West Texas mesonet site near Vigo Park measured a wind gust to 60 mph.  shortware diving southward on the east side of an upper ridge led to scattered thunderstorm development on the evening of the unit across southwastern Kanasa into the Okahoma Panhandis. This activity congealed into a line of storms that moved south through eventual Shariffs department reported that a carport was blown in lop owerlines due to strong which. A fullis farther south a Texas Tech inversity West Texas mesonet site near Vigo Park.  West Texas mesonet site near Vigo Park.  X.2034) HOCKLEY  O'707/21 17:30 CST 0 Strong Wind (MAX 43 kt)  O'707/21 17:30 CST 0 Strong Wind (MAX 43 kt)  O'707/21 17:30 CST 0 Source: Mesonet  O'707/21 17:30 CST 0 Thunderstorm Wind (MG 56 kt)  O'71/12 11:10 CST 0 Source: Mesonet  O'71/12 11:10 CST 0 Source: Mesonet  O'71/12 11:30 CST 0 Thunderstorm Wind (MG 56 kt)  O'71/12 11:30 CST 0 Thunderstorm Wind (MG 56 kt)  O'71/12 11:30 CST 0 Thunderstorm Wind (MG 56 kt)  O'71/12 11:30 CST 0 Thunderstorm Wind (MG 56 kt)  O'71/12 11:30 CST 0 Thunderstorm Wind (MG 56 kt)  O'71/12 11:30 CST 0 Thunderstorm Wind (MG 56 kt)  O'71/12 11:30 CST 0 Thunderstorm Wind (MG 56 kt)  O'71/12 11:30 CST 0 Thunderstorm Wind (MG 56 kt)  O'71/12 11:70 CST 0 Source: Mesonet  Texas Tech University West Texas mesonet ste near Si	arport blown into powerlines due to strong wind	S.			
Texas Tech University West Texas meaonet alte near Morton measured a wind guist to 59 mph.  WIGHER COUNTY — VIGO PARK [34.66, 101.48]  07/05/21 05:17 CST  0 Source: Meaconet  Texas Tech University West Texas meaonet alte near Vigo Park measured a wind guist to 60 mph.  Shortwave driving southward on the east side of an upper ridge led to scattered thinderstorm development on the evening of the unit across own through the Oldshame Tamahadic. This actify congealed into a line of storms that moved south through se vestern Texas Panhandic and across the western South Palais producing isolated storage to damaging wind guists. The Pamer outly Sheriff a department reported that a carpor was blown into powerlines due to storing winds. A little farther south a Texas Tech niversity West Texas meaonet alte near Wigo Park.  X2034) HOCKLEY  07/07/21 17:30 CST 0 Strong Wind (MAX 43 kt)  07/07/21 17:30 CST 0 Strong Wind (MAX 43 kt)  07/07/21 17:30 CST 0 Strong Wind (MAX 43 kt)  07/07/21 17:30 CST 0 Heavy Rain  07/07/21 17:30 CST 0 Source: Meaonet  10 Heavy Rain  07/11/21 13:10 CST 0 Heavy Rain  07/11/21 13:10 CST 0 Thunderstorm Wind (MG 56 kt)  07/11/21 13:10 CST 0 Thunderstorm Wind (MG 56 kt)  07/11/21 13:30 CST 0 Thunderstorm Wind (MG 56 kt)  07/11/21 13:30 CST 0 Thunderstorm Wind (MG 56 kt)  07/11/21 13:30 CST 0 Thunderstorm Wind (MG 56 kt)  07/11/21 13:30 CST 0 Thunderstorm Wind (MG 56 kt)  07/11/21 13:30 CST 0 Thunderstorm Wind (MG 56 kt)  07/11/21 13:30 CST 0 Thunderstorm Wind (MG 56 kt)  07/11/21 13:30 CST 0 Thunderstorm Wind (MG 51 kt)  0 Source: Meaconet  Texas Tech University West Texas meaconat alte near Sundown measured severe wind guist to 65 mph from 1325 frough 1330 CST.  1 the morning of the eleventh, a cold front became nearly stationary across the South Plains into the southern Rolling Plains. This poundary severed as a forcing mechanism for thunderstorm development using the early steriors. The environment was transacticated by MUCAPEs between 2,000-3,000 MIKg with bulk shear values of 35-40 kts which was s	OCHRAN COUNTY 1.0 ENE MORTON [33.73	•			
Texas Tech University West Texas mesonet site near Morton measured a wind gust to 59 mph.  WISHER COUNTY VIGO PARK [34.65, -191.48]  07/05/21 05:17 CST 0 Thunderstorm Wind (MG 52 kt) 07/05/21 05:17 CST 0 Source: Mesonet  Texas Tech University West Texas mesonet site near Vigo Park measured a wind gust to 60 mph.  shortwave diving southward on the east side of an upper ridge led to acatered thunderstorm development on the evening of the university was a second to the country across southeastern Kansas into the Oklahoma Panhandler. This activity congested into a line of storms that moved south through the evening of the severin Texas Panhandle and across the western Panhandle and across the Panhandle					,
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O7/05/21 05:17 CST 0 Source: Mesonet  Texas Tech University West Texas mesonet site near Vigo Park measured a wind gust to 60 mph.  Listortwave diving southward on the east side of an upper ridge led to scattered thunderstorm development on the evening of the purch across southeastern Kansas into the Oklahoma Panhandle. This activity congealed into a line of storms that moved south through new sestern Texas Panhandle and across the usestern South Plains producing looslated strong to diamaging wind gusts. The Parmer county Sheriffs department reported that a carport western South Plains producing looslated strong to diamaging wind gusts. The Parmer county Sheriffs department reported that a carport western South Plains producing looslated strong to diamaging wind gusts. The Parmer county Sheriffs department reported that a carport western South Plains producing looslated strong to diamaging wind gusts. The Parmer county Sheriffs department reported that a carport western strong winds. A little farther south a Texas Tech iniversity West Texas mesonet site near Vigo Park.  TX.2034) HOCKLEY  O7/07/21 17:30 CST O7/07/21 1	Texas Tech University West Texas mesonet sit	te near Morton measured a wi	ind gust to 59 mph		
Texas Tech University West Texas mesonet site near Vigo Park measured a wind gust to 60 mph.  Shortwave diving southward on the east side of an upper ridge led to scattered thunderstorm development on the evening of the university was to the Oklahoma Panhandle. This activity congeated into a line of storms that moved south through university exerts are an advantage of the partner reported that a carport was blown into powerlines due to strong winds. A little farther south a Texas Tech investity the treas mesonet site near Morton measured a wind gust to 59 mph. Additional shunderstorms developed an Texas Tech investity West Texas mesonet site near Wigo Park.  X-2034) HOCKLEY  07/07/21 17:30 CST 0 Strong Wind (MAX 43 kt) 07/07/21 17:30 CST 0 Strong Wind (MAX 43 kt) 07/07/21 17:30 CST 0 Heavy Rain 07/11/21 13:10 CST 0 Source: Mesonet  Texas Tech University West Texas mesonet site near Sundown measured severe wind gusts of 65 mph from 13/25 through 13/30 CST.  In the morning of the eleventh, a cold front became nearly stationary across the South Plains Into the southern Rolling Plains. This bundary served as a forcing mechanism for thunderstorm development during the early afternoon. The environ	WISHER COUNTY VIGO PARK [34.65, -101.	48]			
Texas Tech University West Texas mesonet site near Vigo Park measured a wind gust to 60 mph.  shortwave diving southward on the east side of an upper ridge led to scattered thunderstorm development on the evening of the purth across southeastern Kansas into the Oklahoma Panhandle. This activity congealed into a line of storms that moved south through the western Texas Panhandle and across the western South Pains producing isolated strong to damaging wind gusts. The Parmer ounty Sheriff's department reported that a carport was blown into powerlines due to strong winds. A little farther south a Texas Tech inversity West Texas mesonet site near Morton measured a wind gust to 89 mph. Additional thunderstorms developed around sumrise ear an outflow boundary across Swisher County which produced one additional severe wind gust to 69 mph per the Texas Tech inversity West Texas mesonet site near Vigo Park.  TX.2034) HOCKLEY  07077/21 17:30 CST 07077/21 17:30 CST 07077/21 17:30 CST 07071/21 17:30 CST 0 Source: Mesonet  DOCHRAN COUNTY — 14.5 S WHITEFACE [33.39, -102.61] 0711/21 13:30 CST 0 Thunderstorm Wind (MG 56 kt) 0711/21 13:30 CST 0711/21 17:30 CST 0 Thunderstorm Wind (MG 56 kt) 0711/21 17:30 CST 0711/21 17:30 C		07/05/21 05:17 CST		0	Thunderstorm Wind (MG 52 kt)
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07/07/21 17:30 CST 0 Strong Wind (MAX 43 kt) 07/07/21 17:32 CST 0 0  Oliding outflow boundaries led to multi-cellular thunderstorm development. A very moist environment combined with the enhanced orticity due to the colliding boundaries were favorable for landspout development.  OCHRAN COUNTY 14.5 S WHITEFACE [33.39, -102.61] 07/11/21 13:10 CST 0 Heavy Rain 07/11/21 14:10 CST 0 Source: Mesonet  The Texas Tech University West Texas mesonet near Sundown reported 1.57 inches of rain falling within 25 minutes, with 2.45 inches of rain within one out.  OCHRAN COUNTY 14.5 S WHITEFACE [33.39, -102.61] 07/11/21 13:25 CST 0 Thunderstorm Wind (MG 56 kt) 07/11/21 13:30 CST 0 Source: Mesonet  Texas Tech University West Texas mesonet site near Sundown measured severe wind gusts of 65 mph from 1325 through 1330 CST.  In the morning of the eleventh, a cold front became nearly stationary across the South Plains into the southern Rolling Plains. This oundary served as a forcing mechanism for thunderstorm development during the early afternoon. The environment was haracterized by MUCAPEs between 2,000-3,000 J/Kg with bulk shear values of 35-40 kts which was sufficient for scattered severe hunderstorms. Above average moisture was also in place which allowed for very efficient rainfall production.  RISCOE COUNTY 6.4 ESE SILVERTON [34.45, -101.9] 07/15/21 17:00 CST 0 Thunderstorm Wind (MG 51 kt) 07/15/21 17:00 CST 0 Source: Mesonet  RISCOE COUNTY 0.6 E CAPROCK CANYONS STATE PARK [34.41, -101.06] 07/15/21 17:09 CST 0 Thunderstorm Wind (MG 61 kt)	ounty Sheriff's department reported that a cai niversity West Texas mesonet site near Morto ear an outflow boundary across Swisher Coui	rport was blown into powerli on measured a wind gust to t nty which produced one add	nes due to strong 59 mph. Additiona	winds. A little far I thunderstorms d	rther south a Texas Tech leveloped around sunrise
07/07/21 17:32 CST 0  colliding outflow boundaries led to multi-cellular thunderstorm development. A very moist environment combined with the enhanced orticity due to the colliding boundaries were favorable for landspout development.  COCHRAN COUNTY 14.5 S WHITEFACE [33.39, -102.61]  07/11/21 13:10 CST 0 Heavy Rain 07/11/21 14:10 CST 0 Source: Mesonet  the Texas Tech University West Texas mesonet near Sundown reported 1.57 inches of rain falling within 25 minutes, with 2.45 inches of rain within one our.  COCHRAN COUNTY 14.5 S WHITEFACE [33.39, -102.61] 07/11/21 13:25 CST 0 Thunderstorm Wind (MG 56 kt) 07/11/21 13:30 CST 0 Source: Mesonet  a. Texas Tech University West Texas mesonet site near Sundown measured severe wind gusts of 65 mph from 1325 through 1330 CST.  In the morning of the eleventh, a cold front became nearly stationary across the South Plains into the southern Rolling Plains. This oundary served as a forcing mechanism for thunderstorm development during the early afternoon. The environment was haracterized by MUCAPEs between 2,000-3,000 J/Kg with bulk shear values of 35-40 kts which was sufficient for scattered severe hunderstorms. Above average moisture was also in place which allowed for very efficient rainfall production.  RISCOE COUNTY 6.4 ESE SILVERTON [34.45, -101.19] 07/15/21 17:00 CST 0 Thunderstorm Wind (MG 51 kt) 07/15/21 17:00 CST 0 Source: Mesonet  RISCOE COUNTY 0.6 E CAPROCK CANYONS STATE PARK [34.41, -101.06] 07/15/21 17:00 CST 0 Thunderstorm Wind (MG 61 kt)	TX-Z034) HOCKLEY				
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oundary served as a forcing mechanism for thunderstorm development during the early afternoon. The environment was haracterized by MUCAPEs between 2,000-3,000 J/Kg with bulk shear values of 35-40 kts which was sufficient for scattered severe nunderstorms. Above average moisture was also in place which allowed for very efficient rainfall production.  RISCOE COUNTY 6.4 ESE SILVERTON [34.45, -101.19]  07/15/21 17:00 CST  0 Thunderstorm Wind (MG 51 kt)  07/15/21 17:00 CST  0 Source: Mesonet  Texas Tech University West Texas mesonet site near Silverton measured a wind gust to 59 mph.  RISCOE COUNTY 0.6 E CAPROCK CANYONS STATE PARK [34.41, -101.06]  07/15/21 17:09 CST  0 Thunderstorm Wind (MG 61 kt)	Texas Tech University West Texas mesonet sit	te near Sundown measured s	evere wind gusts o	of 65 mph from 132	5 through 1330 CST.
07/15/21 17:00 CST 0 Thunderstorm Wind (MG 51 kt) 07/15/21 17:00 CST 0 Source: Mesonet  Texas Tech University West Texas mesonet site near Silverton measured a wind gust to 59 mph.  BRISCOE COUNTY 0.6 E CAPROCK CANYONS STATE PARK [34.41, -101.06] 07/15/21 17:09 CST 0 Thunderstorm Wind (MG 61 kt)	oundary served as a forcing mechanism for th haracterized by MUCAPEs between 2,000-3,00	nunderstorm development di 0 J/Kg with bulk shear value	uring the early afters s of 35-40 kts whi	ernoon. The envir ch was sufficient	onment was
07/15/21 17:00 CST 0 Source: Mesonet  A Texas Tech University West Texas mesonet site near Silverton measured a wind gust to 59 mph.  BRISCOE COUNTY 0.6 E CAPROCK CANYONS STATE PARK [34.41, -101.06]  07/15/21 17:09 CST 0 Thunderstorm Wind (MG 61 kt)	BRISCOE COUNTY 6.4 ESE SILVERTON [34.	<del>-</del>			
A Texas Tech University West Texas mesonet site near Silverton measured a wind gust to 59 mph.  BRISCOE COUNTY 0.6 E CAPROCK CANYONS STATE PARK [34.41, -101.06]  07/15/21 17:09 CST 0 Thunderstorm Wind (MG 61 kt)					· · · · ·
07/15/21 17:09 CST 0 Thunderstorm Wind (MG 61 kt)	a Texas Tech University West Texas mesonet sit		wind gust to 59 mp		Source: Mesonet
07/15/21 17:09 CST 0 Thunderstorm Wind (MG 61 kt)	BRISCOE COUNTY 0.6 E CAPROCK CANYO	NS STATE PARK [34.41, -101	1.06]		
07/15/21 17:09 CST 0 Source: Mesonet		<del>-</del>	-	0	Thunderstorm Wind (MG 61 kt)
		07/15/21 17:09 CST		0	Source: Mesonet

Page 1 of 3 Printed on: 10/02/2021

## Storm Data and Unusual Weather Phenomena - July 2021

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A Texas Tech University West Texas	mesonet site near Caprock Canyon State	Park measured a	wind gust to 70 m	ph.
LUBBOCK COUNTY 5.8 SSW WO	LFFORTH [33.42, -102.05]			
	07/15/21 19:10 CST		0	Thunderstorm Wind (MG 52 kt)
	07/15/21 19:10 CST		0	Source: Mesonet
A Texas Tech University West Texas	mesonet site near Wolfforth measured a	wind gust to 60 mp	bh.	
HALE COUNTY 8.8 SE SETH WAR	RD [34.13, -101.57]			
	07/15/21 20:01 CST		0	Heavy Rain
	07/15/21 22:01 CST		0	Source: Mesonet
A Texas Tech University West Texas rate of 3.43 inches from 2031 CST to	mesonet site near Aiken measured 4.72 i 2131 CST.	nches of rain betw	een 2001 CST and	d 2201 CST with a peak one hour rainfall
	ORE [33.26, -102.29], 5.3 S MEADOW [33	3.25, -102.22], 2.2	SE MEADOW [33.	31, -102.17], 2.5 E NEEDMORE [33.32,
-102.29]	07/15/21 20:26 CST		0	Flood (due to Heavy Rain)
	07/15/21 22:26 CST		0	Source: Law Enforcement
<u> </u>	to brief heavy rainfall with additional lighte bound lanes of U.S. Highway 62/82 appro	_		ation. Terry County Sheriff's Office
HALE COUNTY 0.9 NE (PVW)HAL			•	II and Britis
	07/15/21 20:50 CST 07/15/21 21:10 CST		0	Heavy Rain Source: Mesonet
A Texas Tech University West Texas	mesonet site near Plainview measured 1.	.15 inches of rain b	etween 2050 CST	and 2110 CST. The Plainview police
department reported that this lad to p	umerous nuisance flooding calls within the			
department reported that this led to h	unierous nuisance nooding cans within the	e city.		
	Y [34.09, -101.41]	e city.	0	Thundaretern Wind (EC 56 L4)
	Y [34.09, -101.41] 07/15/21 21:15 CST	e city.	0	Thunderstorm Wind (EG 56 kt)
	Y [34.09, -101.41]	e city.	0 0	Thunderstorm Wind (EG 56 kt) Source: Trained Spotter
FLOYD COUNTY 1.5 NNW MUNCY  A trained spotter reported a few utility	Y [34.09, -101.41] 07/15/21 21:15 CST	ence post being sn	0 apped. A field of o	Source: Trained Spotter grass and sunflowers were also bent
FLOYD COUNTY 1.5 NNW MUNCY  A trained spotter reported a few utility in an east to northeast direction which   BRISCOE COUNTY 4.7 WNW CAP	Y [34.09, -101.41] 07/15/21 21:15 CST 07/15/21 21:15 CST  y poles were blown down in addition to a feet was in line with storm motion. The time of the process of the proce	ence post being sr of damage was est	0 apped. A field of ç imated from radar.	Source: Trained Spotter grass and sunflowers were also bent
FLOYD COUNTY 1.5 NNW MUNCY  A trained spotter reported a few utility in an east to northeast direction which   BRISCOE COUNTY 4.7 WNW CAP	Y [34.09, -101.41] 07/15/21 21:15 CST 07/15/21 21:15 CST  y poles were blown down in addition to a feat was in line with storm motion. The time of the process of the control of the contr	ence post being sr of damage was est	0 apped. A field of gimated from radar.	Source: Trained Spotter grass and sunflowers were also bent 01.16], 1.7 SW QUITAQUE [34.35,
FLOYD COUNTY 1.5 NNW MUNCY A trained spotter reported a few utility in an east to northeast direction which	Y [34.09, -101.41] 07/15/21 21:15 CST 07/15/21 21:15 CST  y poles were blown down in addition to a feat was in line with storm motion. The time of the process of the proce	ence post being sr of damage was est	0 apped. A field of gimated from radar.  / EDGIN [34.36, -16]	Source: Trained Spotter grass and sunflowers were also bent 01.16], 1.7 SW QUITAQUE [34.35, Flash Flood (due to Heavy Rain)
FLOYD COUNTY 1.5 NNW MUNCY  A trained spotter reported a few utility in an east to northeast direction which   BRISCOE COUNTY 4.7 WNW CAP	Y [34.09, -101.41] 07/15/21 21:15 CST 07/15/21 21:15 CST  y poles were blown down in addition to a feat was in line with storm motion. The time of the process of the control of the contr	ence post being sr of damage was est	0 apped. A field of gimated from radar.	Source: Trained Spotter grass and sunflowers were also bent 01.16], 1.7 SW QUITAQUE [34.35,
FLOYD COUNTY 1.5 NNW MUNCY A trained spotter reported a few utility in an east to northeast direction which BRISCOE COUNTY 4.7 WNW CAP -101.07], 0.7 N CAPROCK CANYONS A slow moving thunderstorm led to ve	Y [34.09, -101.41] 07/15/21 21:15 CST 07/15/21 21:15 CST  y poles were blown down in addition to a feat was in line with storm motion. The time of the process of the proce	ence post being sn of damage was est -101.15], 5.5 WNW	0 apped. A field of gimated from radar.  / EDGIN [34.36, -16] 0	Source: Trained Spotter grass and sunflowers were also bent 01.16], 1.7 SW QUITAQUE [34.35, Flash Flood (due to Heavy Rain) Source: Emergency Manager
FLOYD COUNTY 1.5 NNW MUNCY A trained spotter reported a few utility in an east to northeast direction which BRISCOE COUNTY 4.7 WNW CAP-101.07], 0.7 N CAPROCK CANYONS A slow moving thunderstorm led to ve across Highway 86 approximately 3 m An upper level trough moved across front that led to scattered thunderstowith weak wind shear lead to slow means.	Y [34.09, -101.41]  07/15/21 21:15 CST  07/15/21 21:15 CST  7 poles were blown down in addition to a feat was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm distribution of the was in line with storm development during the afternoon and only of the line was in line with storm development during the afternoon and only of the line was in line with storm development during the afternoon and only of the line was in line with storm development during the afternoon and only of the line was in line with storm development during the afternoon and only of the was in line with storm development during the afternoon and only of the was in line with storm down in addition to a feat was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The was in line with storm motion was in line with storm motion. The was in line with storm motion was in line with storm motion. The was in line with storm was in line wit	ence post being snoof damage was est -101.15], 5.5 WNW coe County emerganifall. 15th. This trough	0 apped. A field of gimated from radar.  / EDGIN [34.36, -10] 0 0 ency manager report was also accompliss. Ample atmosph	Source: Trained Spotter grass and sunflowers were also bent  01.16], 1.7 SW QUITAQUE [34.35,  Flash Flood (due to Heavy Rain) Source: Emergency Manager  orted that water was rapidly flowing  anied by a surface cold leric moisture combined
FLOYD COUNTY 1.5 NNW MUNCY A trained spotter reported a few utility in an east to northeast direction which BRISCOE COUNTY 4.7 WNW CAP-101.07], 0.7 N CAPROCK CANYONS A slow moving thunderstorm led to ve across Highway 86 approximately 3 m An upper level trough moved across front that led to scattered thunderstowith weak wind shear lead to slow m surface temperatures were conducive.	Y [34.09, -101.41]  07/15/21 21:15 CST  07/15/21 21:15 CST  v poles were blown down in addition to a feat was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was to favore and the was a storm development during the afternoon of the was to favore development during the afternoon of the was a storm during the afternoon during the af	ence post being snoof damage was est -101.15], 5.5 WNW coe County emerganifall. 15th. This trough	apped. A field of gimated from radar.  FEDGIN [34.36, -1]  0  0 ency manager repowas also accompass. Ample atmosphyrain reports. Add	Source: Trained Spotter grass and sunflowers were also bent  01.16], 1.7 SW QUITAQUE [34.35,  Flash Flood (due to Heavy Rain) Source: Emergency Manager  orted that water was rapidly flowing  anied by a surface cold heric moisture combined ditionally, very hot
FLOYD COUNTY 1.5 NNW MUNCY A trained spotter reported a few utility in an east to northeast direction which BRISCOE COUNTY 4.7 WNW CAP -101.07], 0.7 N CAPROCK CANYONS  A slow moving thunderstorm led to ve across Highway 86 approximately 3 m An upper level trough moved across front that led to scattered thunderstowith weak wind shear lead to slow m surface temperatures were conducive	Y [34.09, -101.41]  07/15/21 21:15 CST  07/15/21 21:15 CST  v poles were blown down in addition to a feat was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm development line afternoon of the was in line with storm development during the afternoon of the was in line with storm development during the afternoon of the was in line with storm development during the afternoon of the was in line with storm development during the afternoon of the was in line with storm development during the afternoon of the was in line with storm motion.  A BENGER ARPK [34.65, -102.69]  07/17/21 19:23 CST	ence post being snoof damage was est -101.15], 5.5 WNW coe County emerganifall. 15th. This trough	apped. A field of grimated from radar.  FEDGIN [34.36, -1]  O  O  ency manager reports. Ample atmosphy rain reports. Add	Source: Trained Spotter grass and sunflowers were also bent  01.16], 1.7 SW QUITAQUE [34.35,  Flash Flood (due to Heavy Rain) Source: Emergency Manager  orted that water was rapidly flowing  anied by a surface cold heric moisture combined ditionally, very hot  Thunderstorm Wind (MG 56 kt)
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FLOYD COUNTY 1.5 NNW MUNCY A trained spotter reported a few utility in an east to northeast direction which BRISCOE COUNTY 4.7 WNW CAP -101.07], 0.7 N CAPROCK CANYONS A slow moving thunderstorm led to ve across Highway 86 approximately 3 m An upper level trough moved across front that led to scattered thundersto with weak wind shear lead to slow m surface temperatures were conductive PARMER COUNTY 0.6 W FRIONA	Y [34.09, -101.41]  07/15/21 21:15 CST  07/15/21 21:15 CST  v poles were blown down in addition to a fet was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The time of the was in line with storm motion. The Brist of the was in line with storm development and the later of the was a storm of the was a storm of the was a storm development during the afternoon of the was a storm of the w	ence post being sn of damage was est -101.15], 5.5 WNW coe County emergainfall. 15th. This trough and evening hour d to several heavy	apped. A field of grimated from radar.  FEDGIN [34.36, -1]  O  O  ency manager reports. Ample atmosphy rain reports. Add	Source: Trained Spotter grass and sunflowers were also bent  01.16], 1.7 SW QUITAQUE [34.35,  Flash Flood (due to Heavy Rain) Source: Emergency Manager  orted that water was rapidly flowing  anied by a surface cold heric moisture combined ditionally, very hot  Thunderstorm Wind (MG 56 kt) Source: Mesonet
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Page 2 of 3 Printed on: 10/02/2021

## Storm Data and Unusual Weather Phenomena - July 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
upper level ridge on the aftern making it all the way into the e	leveloped off of the higher terrain of northeas oon and evening of the 17th. This storm activ xtreme southwestern Texas Panhandle. As t eir strength producing severe wind gusts at	vity moved southy he storms moved	vard through the v	western Texas Panhandle
TX-Z035) LUBBOCK				
	07/18/21 16:05 CST		0	Strong Wind (MAX 43 kt)
	07/18/21 16:22 CST		0	
CHILDRESS COUNTY 18.3	ouple of brief landspout tornadoes were obse N TELL [34.39, -100.70] 07/25/21 14:25 CST	erved III LUDDOCK	0	Thunderstorm Wind (EG 56 kt)
	07/25/21 14:25 CST		0	Source: COOP Observer
Observer reported that strong soroperty.	traight line winds destroyed their carport, blew	the doors off of a b	parn, and broke off	several large tree limbs on their
HALE COUNTY 1.3 WSW PL			_	
	07/25/21 16:17 CST		0	Thunderstorm Wind (EG 51 kt)
	07/25/21 16:17 CST		0	Source: Social Media
Photo from social media showe	d a large pine tree uprooted from strong straigh	nt line winds.		
LAMB COUNTY 4.5 NNE HA	RT CAMP [34.09, -102.12]			
	07/25/21 17:36 CST		0	Thunderstorm Wind (MG 58 kt)
	07/25/21 17:37 CST		0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Olton measured severe wind gusts from 1736 CST to 1737 CST. A peak wind gust of 67 mph was measured at 1736 CST.

A plume of monsoonal moisture continued to stream overhead with a general weakness in the upper level flow of the atmosphere. Strong heating on the afternoon of the 25th allowed isolated to scattered thunderstorms to develop across the entire region. Instability values on the order of 1000 J/kg with the strong heating were able to generate storms that produced isolated wind gusts and damage.

Page 3 of 3 Printed on: 10/02/2021