Event Type and Details Location Date/Time Deaths & Property & Injuries Crop Dmg

TEXAS, South Panhandle

(TX-Z021) PARMER, (TX-Z022) CASTRO, (TX-Z023) SWISHER, (TX-Z024) BRISCOE, (TX-Z025) HALL, (TX-Z026) CHILDRESS, (TX-Z027) BAILEY, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z031) MOTLEY, (TX-Z032) COTTLE, (TX-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z036) CROSBY, (TX-Z037) DICKENS, (TX-Z038) KING, (TX-Z039) YOAKUM, (TX-Z040) TERRY, (TX-Z041) LYNN, (TX-Z042) GARZA, (TX-Z043) KENT, (TX-Z044) STONEWALL

08/01/22 00:00 CST Drought

0 08/31/22 22:59 CST

The most significant improvement to long term drought conditions for the duration of this drought occurred during the month of August. The greatest improvements were seen over the Rolling Plains and extreme southwestern Texas Panhandle where exceptional drought (D4) was lowered two categories to severe drought (D2). Improvements elsewhere included a reduction to extreme drought (D3) over the southern South Plains and moderate drought (D1) across the northwest South Plains.

This improvement was fueled by widespread rain showers and thunderstorms during the second half of the month. August began hot and dry similar to conditions earlier in the summer, but August trended cooler and more unsettled with periodic bouts of precipitation with flooding at times. This pattern shift occurred following an early departure of a subtropical ridge that typically resides near West Texas in August. As a result, monsoonal moisture was able to expand east from the desert southwest and combine with occasional weak fronts and disturbances for widespread beneficial rainfall. Rainfall was mostly between 150 and 200 percent of normal with several swaths of 300 percent or more. The improved soil moisture along with increased cloud cover served to keep temperatures near normal for the month following the record breaking heat earlier this summer. Despite the widespread rainfall, negative agricultural impacts continued across the region as a result of long term drought conditions. Fire weather conditions have generally remained low due to relatively light winds and improved moisture. Fuel states significantly improved due to the widespread rainfall during the second half of August.

| BRISCOE COUNTY 6.5 ESE SILVERTON [34.45, | | | | |
|---|--|--------------------------------|---|--|
| | 101.19] | | | |
| | 08/04/22 15:23 CST | 0 | Thunderstorm Wind (MG 51 kt) | |
| | 08/04/22 15:23 CST | 0 | Source: Mesonet | |
| A Texas Tech University West Texas mesonet site ne | ar Silverton measured a severe w | ind gust of 59 mph. | | |
| SWISHER COUNTY 1.1 W VIGO PARK [34.65, -10 | 1.50] | | | |
| | 08/04/22 15:43 CST | 0 | Thunderstorm Wind (MG 52 kt) | |
| | 08/04/22 15:43 CST | 0 | Source: Mesonet | |
| A Texas Tech University West Texas mesonet site ne | ar Vigo Park measured a severe v | vind gust of 60 mph. | | |
| SWISHER COUNTY 1.0 NNE HAPPY [34.74, -101 | - | | | |
| | 08/04/22 15:53 CST | 0 | Thunderstorm Wind (MG 60 kt) | |
| | 08/04/22 16:19 CST | 0 | Source: Mesonet | |
| A Texas Tech University West Texas mesonet site ne measured during this time was 69 mph at 1618 CST. | | e wind gusts between 13 | 333 CST and 1019 CST. The peak gust | |
| DICKENS COUNTY 1.5 W SPUR [33.48100.88] | | | | |
| DICKENS COUNTY 1.5 W SPUR [33.48, -100.88] | 08/04/22 18:05 CST | 0 | Thunderstorm Wind (MG 50 kt) | |
| DICKENS COUNTY 1.5 W SPUR [33.48, -100.88] | 08/04/22 18:05 CST 08/04/22 18:05 CST | 0 0 | Thunderstorm Wind (MG 50 kt) Source: Mesonet | |
| | 08/04/22 18:05 CST | 0 | ` , | |
| A Texas Tech University West Texas mesonet site ne | 08/04/22 18:05 CST ar Spur measured a severe wind | 0 | Source: Mesonet | |
| A Texas Tech University West Texas mesonet site ne | 08/04/22 18:05 CST ar Spur measured a severe wind | 0 | ` , | |
| A Texas Tech University West Texas mesonet site ne | 08/04/22 18:05 CST ar Spur measured a severe wind | 0 gust of 58 mph. | Source: Mesonet | |
| A Texas Tech University West Texas mesonet site ne | 08/04/22 18:05 CST ar Spur measured a severe wind (1.04) 08/04/22 18:09 CST 08/04/22 18:09 CST | 0 gust of 58 mph. 0 0 | Source: Mesonet Thunderstorm Wind (MG 57 kt) | |
| A Texas Tech University West Texas mesonet site ne | 08/04/22 18:05 CST ar Spur measured a severe wind general severe general se | 0 gust of 58 mph. 0 0 | Source: Mesonet Thunderstorm Wind (MG 57 kt) | |
| A Texas Tech University West Texas mesonet site ne DICKENS COUNTY 4.6 NW MC ADOO [33.77, -10 A Texas Tech University West Texas mesonet site ne | 08/04/22 18:05 CST ar Spur measured a severe wind 9 1.04] 08/04/22 18:09 CST 08/04/22 18:09 CST ar McAdoo measured a severe wind 9 | 0 gust of 58 mph. 0 0 | Source: Mesonet Thunderstorm Wind (MG 57 kt) | |

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Location Date/Time Deaths & **Event Type and Details** Property & Injuries Crop Dma A Texas Tech University West Texas mesonet site near Childress measured continuous severe wind gusts between 1814 CST and 1816 CST. The peak gust measured during this time was 75 mph at 1814 CST. GARZA COUNTY --- 5.4 SSW GRAHAM CHAPEL [33.08, -101.52] 0 08/04/22 20:13 CST Thunderstorm Wind (MG 62 kt) 08/04/22 20:17 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Graham measured several severe wind gusts between 2013 CST and 2017 CST. The peak gust measured during this time was 71 mph at 2014 CST. A return of monsoonal moisture lead to numerous thunderstorm development during the afternoon and evening of the 4th. These thunderstorms were high-based and produced isolated severe downburst winds primarily east of the Caprock escarpment. CASTRO COUNTY --- 3.1 NNE HART [34.42, -102.11] 08/05/22 04:40 CST 0 Thunderstorm Wind (MG 54 kt) 0 08/05/22 04:40 CST Source: Mesonet A Texas Tech University West Texas mesonet site near Hart measured a severe wind gust of 62 mph. An isolated thunderstorm developed directly over the Hart (Castro County) mesonet during the early morning hours of the 5th. It began to collapse over the mesonet leading to a severe wind gust. COTTLE COUNTY --- 8.6 SSE NARCISSO [33.89, -100.40] 08/07/22 17:18 CST 0 Thunderstorm Wind (MG 52 kt) 08/07/22 17:18 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Paducah measured a severe wind gust of 60 mph. Increasing monsoonal moisture over the forecast area combined with afternoon temperatures breaching convective temperature levels led to the development of isolated thunderstorms primarily east of the Caprock Escarpment. A thunderstorm strengthened directly over the Paducah (Cottle County) mesonet site which resulted in a downburst leading to severe wind gusts. LAMB COUNTY --- 0.9 E AMHERST [34.02, -102.40] 08/09/22 14:45 CST 0 Thunderstorm Wind (MG 53 kt) 08/09/22 14:45 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Amherst measured a severe wind gust of 61 mph. Isolated thunderstorms developed over much of the area on the afternoon and evening of the 9th. Dry air beneath the cloud bases led to an evaporatively enhanced downburst directly over the Amherst (Lamb County) mesonet.

| COTTLE COUNTY 8.6 SSE NARCISSO [33.89, -100.40] | | | | |
|---|---|------------------------------|--|--|
| 08/10/22 17:58 CST | 0 | Thunderstorm Wind (MG 56 kt) | | |
| 08/10/22 17:59 CST | 0 | Source: Mesonet | | |

A Texas Tech University West Texas mesonet site near Paducah measured severe wind gusts between 1758 CST and 1759 CST. The peak gust measured during this time was 65 mph at 1758 CST.

A monsoonal fetch of mid-level moisture remained over the forecast area on the afternoon and evening of the 10th which allowed for isolated to scattered thunderstorms to develop. A relatively dry sub-cloud layer allowed one of these storms to produce severe downburst winds near Paducah (Cottle County).

| HOCKLEY COUNTY 3.6 S PEP [33.77, -102.58], 3.0 S PEP [33.78, -102.58], 3.1 SSE PEP | [33.78, -102.56], | 3.6 SSE PEP [33.77, -102.56] |
|--|-------------------|---------------------------------|
| 08/21/22 00:30 CST | 0 | Flash Flood (due to Heavy Rain) |
| 08/21/22 03:30 CST | Λ | Source: Department of Highways |

The Texas Department of Transportation reported that a portion of Farm to Market Road 597 was closed due to water over the roadway approximately three miles south of Pep. Radar imagery revealed that storms repeatedly trained over northeastern Hockley County for several hours. Although radar reflectivities were not incredibly high during this time, the repeated storms and very efficient rainfall production led to localized flooding.

A moisture-rich monsoon fetch, infused by tropical moisture from a wave that moved off the Gulf of Mexico and through South Texas, brought significant amounts of moisture into West Texas. The approach of an upper level storm system well to our north and northwest caused the fetch of monsoon moisture to bend squarely over West Texas. In addition to embedded disturbances within the monsoon, a couple of weak frontal boundaries moved southward into the region. Working together, the moisture, mid-level disturbances, and low-level boundaries generated widespread showers and thunderstorms. The increasingly tropical airmass led to very efficient rain rates and locally heavy rainfall through the evening and overnight hours from the 20th into the 21st.

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| LUBBOCK COUNTY — 2.4 SW LUBBOCK [33.85, 416.88], 6.0 E NEW DEAL [33.73, 401.73] | Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--|------------------------------------|----------------------|---------------------------------------|---------------------------------------|
| A thunderstorm that moved over central Lubbock County produced widespread damage across the central portion of the dry of Lubbock. Multiple power potes were snapped along with downed trees and fences. All the same lime, a wind gual to 55 mph was reported by a Toxas Tech University West Toxas measonet site near New Deal at 1636 CST. LYNN COUNTY 6.0 NE NEW HOME [33.39, -101.85], 6.5 SW TAHOKA T BAR ARPT [33.11, -101.89], 4.5 W GRASSLAND [33.12, -101.89], 4.5 N WILSON [33.39, -101.73] 08/28/22 17:30 CST 0 Fish Flood (fulle to Heavy Rain) 08/28/22 20:30 CST 0 Source: Law Enforcement 08/28/22 20:30 CST 0 Source: Law Enforcement 08/28/22 20:30 CST 0 Source: Law Enforcement 08/28/22 20:30 CST 0 Toxas Flood (fulle to Heavy Rain) 08/28/22 18/20 CST 0 Toxas Flood (full to Heavy Rain) 08/28/22 18/20 CST 0 Toxas Flood (full to Heavy Rain) 08/28/22 18/20 CST 0 Toxas Flood (full to Heavy Rain) 08/28/22 18/20 CST 0 Toxas Flood (full to Heavy Rain) 08/28/22 18/20 CST 0 Toxas Flood (full to Heavy Rain) 08/28/22 18/20 CST 0 Source: COOP Observer An NWS cooperative weather observer in Tahoka relayed photographs of wind damage to lives, femos, and power poles. On the afternoon of the 28th, scattered thunderstorms developed over the central and southwestern South Plains within a low level convergence zone from a surface pressure trough. Hot temperatures and well above average mosture levels fulled the development of convection as it slowly moved to the east. These slow moving storms brought severe wind gusts and widespread flooding to parts of Lubbock and Lymn Countries. These server winds caused damage within the cities of Lubbock (Lubbock Cull Lubbock Clubbock | LUBBOCK COUNTY 2.4 SW LUBBOCK [3 | | 33.73, -101.73] | | |
| A hunderstorm that moved over central Lubbock County produced widespread damage across the central portion of the city of Lubbock. Multiple power poise were anapped along with downed trees and fences. At the same time, a wind gust to 58 mph was reported by a Texas Tech University West Texas rescored sile near New Deal at 1035 CST. LYNN COUNTY — 6.0 NE NEW HOME [33.9, -101.86], 6.5 SW TAHOKA T BAR ARPT [33.11, -101.89], 4.5 W GRASSLAND [33.12, -101.88], 4.5 N WILSON [33.38, -101.73] 08/28/22 10.30 CST 0 Flash Flood (due to Heavy Rain) 108/28/22 20.30 CST 0 Source: Law Enforcement Numerous reports were received of widespread flooding along US Highway 87 from the Lubbock Lynn County Line into Tahoka. An estimated two to four inches of rain fall within an hour causing flooding. A rain gage in Tahoka reported a rainfall total of 3.50 inches. LYNN COUNTY — TAHOKA [33.18, -101.78] 08/28/22 18:29 CST 0 Thunderstorm Wind (EG 50 kt) 08/28/22 18:29 CST 0 Source: COOP Observer An NWS cooperative weather observer in Tahoka relayed photographs of wind damage to trees, fences, and power poles. On the afternoon of the 28th, scattered thunderstorms developed over the central and southwestern South Plains within a low level convergence zone from a surface pressure trough. Hot temperatures and well above average moleture levels fueled the development of convection as it slowly moved to the east. These alon working storms brongst severe wind gusts and widespread flooding to parts of Lubbock and Lynn County. Several underpasses were flooded along US Highway 97 along with reports of water over the roadway between Tahoka and the Lubbock County) and Tahoka (Lynn County), Invanishing with reports of water over the roadway between Tahoka and the Lubbock County of the storms commism with in a low level county. Several underpasses were flooded along US Highway 97 along with reports of water over the roadway between Tahoka on the Lubbock County in County line. SWISHER COUNTY — 1.0 NE AMHERST [34.03, -104.8] 08/28/22 16.44 CST 0 T 0 | | | | 0 | · |
| poles were snapped along with downed trees and fences. At the same time, a wind gust to 58 mph was reported by a Texas Tech University West Texas mesonet alter near New Deal at 1636 CST. LYNN COUNTY — 6.0 NE NEW HOME [33.9, -101.86], 6.5 SW TAHOKA T BAR ARPT [33.11, -101.89], 4.5 W GRASSLAND [33.12, -101.68], 4.5 N WILSON [33.38, -101.73] 0826222 17.30 CST 0 Flash Flood (due to Neavy Rain) 0826222 17.30 CST 0 Source: Law Enforcement Numerous reports were received of widespread floodings along US Highway 87 from the Lubbock/ Lynn County Line Into Tahoka. An estimated two to four inches of rain fell within an hour causing flooding. A rain gage in Tahoka reported a rainfall total of 3.50 inches. LYNN COUNTY — TAHOKA [33.18, -101.78] 082622 18.29 CST 0 Source: COOP Observer An NWS cooperative weather observer in Tahoka relayed photographs of wind damage to trees, fences, and power poles. On the afternoon of the 28th, scattered thundersforms developed over the central and southwestern South Plains within a low level convergines zone from a surface pressure trough. Not temperatures and well above average moisture levels fueled the development of convection as it slowly moved to the east. These slow moving stomes brought severe wind gusts and widespread flooding to parts of Lubbock and Lynn Counties. These severe winds caused damage within the cities of Lubbock (Lubbock County) and Tahoka (Lynn County), primarly appling power poles and downing preca and fences. The above moving afforms brought severe wind the soft of Lubbock (Lubbock County) and Tahoka (Lynn County), primarly appling power poles and downing preca and fences. The above moving afforms brought severe within the abundant moisture in the atmosphere allowed for extremely heavy minfall over Lynn County, Several underpasses were flooded along US Highway 87 along with reports of water over the roadway between Tahoka and the Lubbock/Lynn County line. SWISHER COUNTY — 1.0 NE AMHERST [34.03, -102.41] 0829212 16.04 CST 0 Survey and the Lubbock County in | | 08/28/22 16:35 CST | | 0 | Source: Mesonet |
| 08/28/22 17:30 CST 0 Flash Flood (due to Heavy Rain) 08/28/22 20:30 CST 0 Source: Law Enforcement Numerous reports were received of widespread flooding along US Highway 87 from the Lubbock/ Lynn County Line into Tahoka. An estimated two to four inches of rain fell within an hour causing flooding. A rain gage in Tahoka reported a rainfall total of 3:50 inches. LYNN COUNTY TAHOKA [33.18, -101.78] 08/28/22 18:29 CST 0 Thunderstorm Wind (EG 50 kt) 08/28/22 18:29 CST 0 Source: COOP Observer An NWS cooperative weather observer in Tahoka relayed photographs of wind damage to trees, fences, and power poles. On the afternoon of the 28th, scattered thunderstorms developed over the central and southwestern South Palians within a low level convergence zone from a surface pressure trough. Hot temperatures and well above average moisture levels fueled the development of convection as it slowly moved to the east. These slow moving storms brought severe wind gusts and widespread flooding to parts of Lubbock and Lynn Courties. These severe winds caused damage within the cities of Lubbock (Lubbock Country) and Tahoka (Lynn Courties). These severe winds caused damage within the cities of Lubbock (Lubbock Country) and Tahoka (Lynn Courties). Primarily snapping power poles and downing trees and fences. The slow moving nature of the storms combined with the abundant moisture in the atmosphere allowed for extremely heavy rainfall over Lynn Courty. Several underpasses were flooded along US Highway 87 along with reports of water over the roadway between Tahoka and the Lubbock/Lynn Country line. SWISHER COUNTY VIGO PARK [34.65, -101.48] 08/29/22 16:00 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:00 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Amherst measured a wind gust of 64 mph. BRISCOE COUNTY CAPROCK CANYONS STATE PARK [24.41, -101.07] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas | poles were snapped along with downed trees | * * | - | • | · · · · · · · · · · · · · · · · · · · |
| 08/28/22 13:00 ST 0 Flash Flood (due to Heavy Rain) 08/28/22 20:03 CST 0 Source: Law Enforcement Numerous reports were received of widespread flooding along US Highway 87 from the Lubbock/ Lynn County Line into Tahoka. An estimated two to four inches of rain fell within an hour causing flooding. A rain gage in Tahoka reported a rainfall total of 3:50 inches. LYNN COUNTY TAHOKA [33:18, -101.78] 08/28/22 18:29 CST 0 Thunderstorm Wind (EG 50 kt) 08/28/22 18:29 CST 0 Source: COOP Observer An NWS cooperative weather observer in Tahoka relayed photographs of wind damage to trees, fences, and power poles. On the afternoon of the 28th, scattered thunderstorms developed over the central and southwestern South Plains within a low level convergence zone from a surface pressure trough. Hot temperatures and well above average moisture levels fueled the development of convection as it slowly moved to the east. These alone moving stomes brought sever winding gusts and widespread flooding to parts of Lubbock and Lynn Counties. These severe winds caused damage within the cities of Lubbock County) and Tahoka (Lynn County, primarily snapping power poles and downing trees and fences. The slow moving atoms mature of the storms combined with the abundant moisture in the atmosphere allowed for extremely heavy rainfall over Lynn County, Several underpasses were flooded along US Highway 87 along with reports of water over the roadway between Tahoka and the Lubbock Lynn County line. SWISHER COUNTY VIGO PARK [34.65, -101.48] 08/29/22 16:00 CST 0 Source: Mesonet A Taxas Tech University West Taxas mesonet site at Vigo Park measured multiple wind gusts of 58 mph. LAMB COUNTY CAPROCK CANYONS STATE PARK [34.41, -101.07] 08/29/22 16:04 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:04 CST 0 Source: Mesonet A Taxas Tech University West Taxas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. FLOYD COUNTY 2.0 NNE FLOYDADA [34 | _ |), -101.86], 6.5 SW TAHOKA T BAI | R ARPT [33.11, -1 | 01.89], 4.5 W GRA | SSLAND [33.12, -101.68], 4.5 N |
| Numerous reports were received of widespread flooding along US Highway 87 from the Lubbock Upon County Line into Tahoka. An estimated two to four inches of rain fell within an hour causing flooding. A rain gage in Tahoka reported a nainfail total of 3.50 inches. LYNN COUNTY — TAHOKA [33.18, -101.78] 08/28/22 18/29 CST 0 Thunderstorm Wind (EG 50 kt) 08/28/22 18/29 CST 0 Source: COOP Observer An NWS cooperative weather observer in Tahoka relayed photographs of wind damage to trees, fences, and power poles. On the afternoon of the 28th, scattered thunderstorms developed over the central and southwestern South Palains within a low level convergence zone from a surface pressure trough. Hot temperatures and well above average moisture levels fixeled the development of convection as it slowly moved to the east. These slow moving storms brought severe wind gusts and widespread flooding to parts of Lubbock and Upon Counties. These severe winds caused damage within the cities of Lubbock (Lubbock County) and Tahoka (Lubboc Author) and County), primarily snapping power poles and downing trees and fences. The slow moving nature of the storms combined with the abundant moisture in the atmosphere allowed for extremely heavy rainfall over Lynn County. Several underspasses were flooded along US Highway 87 along with reports of water over the roadway between Tahoka and the Lubbock/Lubbock (Lubbock and County) and Tahoka (MG 50 kt) 08/29/22 16:00 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:00 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:00 CST 0 Source: Mesonet A Toxas Tech University West Toxas mesonet site near Amherst measured a wind gusts of 58 mph. BRISCOE COUNTY — CAPROCK CANYONS STATE PARK [3.4.1, -101.07] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Toxas Tech University West Toxas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. FLOYD COUNTY — 2.0 NNE FLOYDADA [3.4.1, | WILSON [33.36, -101.73] | 08/28/22 17:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
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| 08/28/22 18:29 CST 0 Source: COOP Observer An NWS cooperative weather observer in Tahoka relayed photographs of wind damage to trees, fences, and power poles. On the afternoon of the 28th, scattered thunderstorms developed over the central and southwestern South Plains within a low level convergence zone from a surface pressure trough. Hot temperatures and well above average moisture levels fueled the development of convection as it slowly moved to the east. These slow moving storms brought severe wind gusts and widespread flooding to parts of Lubbock and Lynn Counters. These severe winds caused damage within the cities of Lubbock (Lubbock County) and Tahoka (Lynn County), primarily snapping power poles and downing trees and fences. The slow moving nature of the storms combined with the abundant moisture in the atmosphere allowed for extremely heavy rainfail over Lynn County. Several underpasses were flooded along US Highway 87 along with reports of water over the roadway between Tahoka and the Lubbock/Lynn County line. SWISHER COUNTY VIGO PARK (34.65, -101.48) 08/29/22 15:44 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:00 CST 0 Source: Mesornet A Texas Tech University West Texas mesonet site at Vigo Park measured multiple wind gusts of 58 mph. LAMB COUNTY 1.0 NE AMHERST [34.03, -102.41] 08/29/22 16:04 CST 0 Source: Mesornet A Texas Tech University West Texas mesonet site near Amherst measured a wind gust of 64 mph. BRISCOE COUNTY CAPROCK CANYONS STATE PARK [34.41, -101.07] 08/29/22 16:46 CST 0 Source: Mesornet A Texas Tech University West Texas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. 108/29/22 16:46 CST 0 Source: Mesornet A Texas Tech University West Texas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. 108/29/22 16:46 CST 0 Source: Mesornet A Texas Tech University West | | | | - | into Tahoka. An estimated two to four |
| 08/28/22 18-29 CST 0 Source: COOP Observer An NWS cooperative weather observer in Tahoka relayed photographs of wind damage to trees, fences, and power poles. On the afternoon of the 28th, scattered thunderstorms developed over the central and southwestern South Plains within a low level convergence zone from a surface pressure trough. Hot temperatures and well above average molsture levels fueled the development of convection as it slowly moved to the east. These slow moving storms brought severe wind guists and widespread flooding to parts of Lubbock and Lynn Counties. These severe winds caused damage within the cities of Lubbock (Lubbock County) and Tahoka (Lynn County), Brimarily snapping power poles and downing trees and fences. The slow moving nature of the storms combined with the abundant moisture in the atmosphere allowed for extremely heavy rainfall over Lynn County. Several underpasses were flooded along US Highway 87 along with reports of water over the roadway between Tahoka and the Lubbock/Lynn County line. SWISHER COUNTY — VIGO PARK [34.85, -101.48] 08/29/22 16:04 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:04 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site at Vigo Park measured multiple wind gusts of 58 mph. LAMB COUNTY — 1.0 NE AMHERST [34.03, -102.41] 08/29/22 16:04 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Amherst measured a wind gust of 64 mph. BRISCOE COUNTY — CAPROCK CANYONS STATE PARK [34.41, -101.07] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 53 kt) 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. FLOYD COUNTY — 2.0 NNE FLOYDAD [34.01, -101.32] 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Floydada measured a wind gust of 58 mph. HOCKLEY COUNTY — | LYNN COUNTY TAHOKA [33.18, -101.78] | | | | |
| An NWS cooperative weather observer in Tahoka relayed photographs of wind damage to trees, fences, and power poles. On the afternoon of the 28th, scattered thunderstorms developed over the central and southwestern South Plains within a low level convergence zone from a surface pressure trough. Hot temperatures and well above average moisture levels fueled the development of convection as it slowly moved to the east. These slow moving storms brought severe wind gusts and widespread flooding to parts of Lubbock and Lynn Country), and Tahoka (Lynn Country), primarily snapping power poles and downing trees and fences. The slow moving nature of the storms combined with the abundant moisture in the atmosphere allowed for extremely heavy rainfall over Lynn Country. Several underpasses were flooded along US Highway 87 along with reports of water over the roadway between Tahoka and the Lubbock/Lynn Country line. SWISHER COUNTY VIGO PARK [34.65, -101.48] 08/29/22 16:04 CST 0 | | | | | , , |
| On the afternoon of the 28th, scattered thunderstorms developed over the central and southwestern South Plains within a low level convergence zone from a surface pressure trough. Hot temperatures and well above average moisture levels fueled the development of convergence zone from a surface pressure trough. Hot temperatures and well above average moisture levels fueled the development of convection as it slowly moved to the east. These slow moving storms brought severe wind gusts and widespread flooding to parts of Lubbock and Lynn Country), primarily snapping power poles and downing troes and fences. The slow moving nature of the storms combined with the abundant moistories the interest the storms storms combined with the abundant moistories in the atmosphere allowed for extremely heavy rainfall over Lynn Country. Several underpasses were flooded along US Highway 87 along with reports of water over the roadway between Tahoka and the Lubbock/Lynn Country line. SWISHER COUNTY VIGO PARK [34.65, -101.48] 08/29/22 15:44 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:00 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site at Vigo Park measured multiple wind gusts of 58 mph. LAMB COUNTY 1.0 NE AMHERST [34.03, -102.41] 08/29/22 16:04 CST 0 Thunderstorm Wind (MG 56 kt) 08/29/22 16:04 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Amherst measured a wind gust of 64 mph. BRISCOE COUNTY CAPROCK CANYONS STATE PARK [34.41, -101.07] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 53 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. FLOYD COUNTY 2.0 NNE FLOYDADA [34.01, -101.32] 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Floydada measured a wind gust of 58 mph. HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] 08/29/22 16:46 CST 0 Thund | | 08/28/22 18:29 CST | | 0 | Source: COOP Observer |
| convergence zone from a surface pressure trough. Hot temperatures and well above average moisture levels fueled the development of convection as it slowly moved to the east. These slow moving storms brought severe wind gusts and widespread flooding to parts of Lubbock and Lynn Countly, primarily snapping power poles and downing trees and fences. The slow moving nature of the storms combined with the abundant moisture in the atmosphere allowed for extremely heavy rainfall over Lynn County, Several underpasses were flooded along US Highway 87 along with reports of water over the roadway between Tahoka and the Lubbock/Lynn County line. SWISHER COUNTY VIGO PARK [34.65, -101.48] 08/29/22 15:44 CST 08/29/22 16:00 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site at Vigo Park measured multiple wind gusts of 58 mph. LAMB COUNTY 1.0 NE AMHERST [34.03, -102.41] 08/29/22 16:04 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Amherst measured a wind gust of 64 mph. BRISCOE COUNTY CAPROCK CANYONS STATE PARK [34.41, -101.07] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 53 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. A peak control of 1649/22 16:46 CST 0 Source: Mesonet HOYD COUNTY 2.0 NNE FLOYDADA [34.01, -101.32] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:46 CST 0 Source: Mesonet HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 63 kt) | An NWS cooperative weather observer in Tah | noka relayed photographs of wind | damage to trees, | fences, and power | poles. |
| O8/29/22 16:00 CST O Source: Mesonet A Texas Tech University West Texas mesonet site at Vigo Park measured multiple wind gusts of 58 mph. LAMB COUNTY 1.0 NE AMHERST [34.03, -102.41] O8/29/22 16:04 CST O Source: Mesonet A Texas Tech University West Texas mesonet site near Amherst measured a wind gust of 64 mph. BRISCOE COUNTY CAPROCK CANYONS STATE PARK [34.41, -101.07] O8/29/22 16:46 CST O Source: Mesonet A Texas Tech University West Texas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. FLOYD COUNTY 2.0 NNE FLOYDADA [34.01, -101.32] O8/29/22 16:46 CST O Source: Mesonet A Texas Tech University West Texas mesonet site near Floydada measured a wind gust of 58 mph. HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] O8/29/22 16:46 CST O Thunderstorm Wind (MG 63 kt) | US Highway 87 along with reports of water | over the roadway between Tahok | = = | ck/Lynn County lir | ne. |
| A Texas Tech University West Texas mesonet site at Vigo Park measured multiple wind gusts of 58 mph. LAMB COUNTY 1.0 NE AMHERST [34.03, -102.41] 08/29/22 16:04 CST 0 Thunderstorm Wind (MG 56 kt) 08/29/22 16:04 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Amherst measured a wind gust of 64 mph. BRISCOE COUNTY CAPROCK CANYONS STATE PARK [34.41, -101.07] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 53 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. FLOYD COUNTY 2.0 NNE FLOYDADA [34.01, -101.32] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Floydada measured a wind gust of 58 mph. HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 63 kt) | | | | | , |
| 08/29/22 16:04 CST 0 Thunderstorm Wind (MG 56 kt) 08/29/22 16:04 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Amherst measured a wind gust of 64 mph. BRISCOE COUNTY CAPROCK CANYONS STATE PARK [34.41, -101.07] 08/29/22 16:45 CST 0 Thunderstorm Wind (MG 53 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. FLOYD COUNTY 2.0 NNE FLOYDADA [34.01, -101.32] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Floydada measured a wind gust of 58 mph. HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 63 kt) | A Texas Tech University West Texas mesonet | site at Vigo Park measured multip | ole wind gusts of 5 | 58 mph. | |
| 08/29/22 16:04 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Amherst measured a wind gust of 64 mph. BRISCOE COUNTY CAPROCK CANYONS STATE PARK [34.41, -101.07] 08/29/22 16:45 CST 0 Thunderstorm Wind (MG 53 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. FLOYD COUNTY 2.0 NNE FLOYDADA [34.01, -101.32] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Floydada measured a wind gust of 58 mph. HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 63 kt) | LAMB COUNTY 1.0 NE AMHERST [34.03, | • | | 0 | The Land W. J. (MO 5010) |
| A Texas Tech University West Texas mesonet site near Amherst measured a wind gust of 64 mph. BRISCOE COUNTY CAPROCK CANYONS STATE PARK [34.41, -101.07] 08/29/22 16:45 CST 0 Thunderstorm Wind (MG 53 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. FLOYD COUNTY 2.0 NNE FLOYDADA [34.01, -101.32] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Floydada measured a wind gust of 58 mph. HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 63 kt) | | | | | , |
| 08/29/22 16:45 CST 0 Thunderstorm Wind (MG 53 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. FLOYD COUNTY 2.0 NNE FLOYDADA [34.01, -101.32] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Floydada measured a wind gust of 58 mph. HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 63 kt) | A Texas Tech University West Texas mesonet | | nd gust of 64 mph | | Source, iviesuret |
| 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. FLOYD COUNTY 2.0 NNE FLOYDADA [34.01, -101.32] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Floydada measured a wind gust of 58 mph. HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 63 kt) | BRISCOE COUNTY CAPROCK CANYONS | | | | |
| A Texas Tech University West Texas mesonet site at Caprock Canyons State Park measured wind gusts from 1645 CST through 1646 CST. A peak wind gust of 61 mph was measured at 1646 CST. FLOYD COUNTY 2.0 NNE FLOYDADA [34.01, -101.32] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Floydada measured a wind gust of 58 mph. HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 63 kt) | | | | | · |
| gust of 61 mph was measured at 1646 CST. FLOYD COUNTY 2.0 NNE FLOYDADA [34.01, -101.32] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Floydada measured a wind gust of 58 mph. HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 63 kt) | A Texas Tech University West Texas mesonet | | ark measured win | | |
| 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 50 kt) 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Floydada measured a wind gust of 58 mph. HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 63 kt) | | . , | | - | |
| 08/29/22 16:46 CST 0 Source: Mesonet A Texas Tech University West Texas mesonet site near Floydada measured a wind gust of 58 mph. HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 63 kt) | FLOYD COUNTY 2.0 NNE FLOYDADA [34 | • | | | |
| A Texas Tech University West Texas mesonet site near Floydada measured a wind gust of 58 mph. HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 63 kt) | | | | | , |
| HOCKLEY COUNTY 6.0 SSW ANTON [33.74, -102.21] 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 63 kt) | A Tayan Tach University West Tayan ma | | ind gust of E0 | | Source: Mesonet |
| 08/29/22 16:46 CST 0 Thunderstorm Wind (MG 63 kt) | A lexas lech university west lexas mesonet | . site itear Floydada measured a w | ind gust of 58 mp | · · · · · · · · · · · · · · · · · · · | |
| , | HOCKLEY COUNTY 6.0 SSW ANTON [33. | • | | 0 | Thunderstorm Wind (MC 62 Lt) |
| 00/29/22 10.39 C51 U 50urce: Mesonet | | | | | · |
| | | 00159155_10:59 C21 | | U | Source, intesorier |

A Texas Tech University West Texas mesonet site near Anton measured severe wind gusts from 1646 CST through 1659 CST. A peak wind gust of 73 mph was measured at 1652 CST.

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| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--|----------------------|---|--|
| HALL COUNTY 2.0 WSW TURKEY [34.39, - | | | | |
| | 08/29/22 16:50 CST | | 0 | Thunderstorm Wind (MG 52 kt) |
| | 08/29/22 16:50 CST | | 0 | Source: Mesonet |
| A Texas Tech University West Texas mesonet s | site near Turkey measured a wir | nd gust of 60 mph. | | |
| HOCKLEY COUNTY SMYER [33.58, -102.17 | = | | 0 | Thursday Arma Wind (MC FC In) |
| | 08/29/22 17:03 CST | | 0 | Thunderstorm Wind (MG 56 kt) |
| | 08/29/22 17:13 CST | | 0 | Source: Mesonet |
| A Texas Tech University West Texas mesonet s was measured at 1704 CST. | ite in Smyer measured severe | wind gusts from 17 | '03 CST through 1 | 713 CST. A peak wind gust of 65 mph |
| UBBOCK COUNTY REESE AFB [33.60, -1 | = | | | |
| | 08/29/22 17:10 CST | | 0 | Thunderstorm Wind (MG 59 kt) |
| | 08/29/22 17:17 CST | | 0 | Source: Mesonet |
| A Texas Tech University West Texas mesonet swas measured at 1710 CST and 1715 CST. | | wind gusts from 1 | 710 CST through 1 | 717 CST. A peak wind gust of 68 mph |
| LUBBOCK COUNTY 6.0 E NEW DEAL [33.7 | | | 0 | Thursday, Mr. 1 242 50 12 |
| | 08/29/22 17:18 CST | | 0 | Thunderstorm Wind (MG 59 kt) |
| | 08/29/22 17:28 CST | | 0 | Source: Mesonet |
| A Texas Tech University West Texas mesonet s | site flear New Dear ffleasured se | evere wind gusts a | . 1716 CS1 and 17 | 28 CST. A peak will gust of 66 mpn |
| | 96, -101.77] | | | |
| | 16, -101.77] 08/29/22 17:19 CST | | 0 | Thunderstorm Wind (MG 52 kt) |
| | | | 0 | Thunderstorm Wind (MG 52 kt) Source: Mesonet |
| HALE COUNTY 5.0 ENE ABERNATHY [33.8 A Texas Tech University West Texas mesonet something the same of the same | 08/29/22 17:19 CST 08/29/22 17:21 CST site near Abernathy measured s | evere wind gusts fi | 0 | Source: Mesonet |
| HALE COUNTY 5.0 ENE ABERNATHY [33.8 A Texas Tech University West Texas mesonet something the same of the same | 08/29/22 17:19 CST 08/29/22 17:21 CST site near Abernathy measured s | evere wind gusts fi | 0 | Source: Mesonet |
| HALE COUNTY 5.0 ENE ABERNATHY [33.8 A Texas Tech University West Texas mesonet something the same of the same | 08/29/22 17:19 CST 08/29/22 17:21 CST site near Abernathy measured s [33.48, -102.22] | evere wind gusts fi | 0 om 1719 CST thro | Source: Mesonet ough 1721 CST. A peak wind gust of 60 |
| HALE COUNTY 5.0 ENE ABERNATHY [33.8 A Texas Tech University West Texas mesonet someth was measured at 1721 CST. HOCKLEY COUNTY 6.0 NW ROPESVILLE | 08/29/22 17:19 CST 08/29/22 17:21 CST site near Abernathy measured si [33.48, -102.22] 08/29/22 17:33 CST 08/29/22 17:33 CST | | 0 om 1719 CST thro | Source: Mesonet ough 1721 CST. A peak wind gust of 60 Thunderstorm Wind (EG 52 kt) |
| HALE COUNTY 5.0 ENE ABERNATHY [33.8 A Texas Tech University West Texas mesonet s mph was measured at 1721 CST. HOCKLEY COUNTY 6.0 NW ROPESVILLE | 08/29/22 17:19 CST 08/29/22 17:21 CST site near Abernathy measured s [33.48, -102.22] 08/29/22 17:33 CST 08/29/22 17:33 CST es northwest of Ropesville estim | | 0 om 1719 CST thro 0 0 0 | Source: Mesonet ough 1721 CST. A peak wind gust of 60 Thunderstorm Wind (EG 52 kt) Source: Trained Spotter |
| HALE COUNTY 5.0 ENE ABERNATHY [33.8 A Texas Tech University West Texas mesonet smph was measured at 1721 CST. HOCKLEY COUNTY 6.0 NW ROPESVILLE | 08/29/22 17:19 CST 08/29/22 17:21 CST site near Abernathy measured s [33.48, -102.22] 08/29/22 17:33 CST 08/29/22 17:33 CST es northwest of Ropesville estim | | 0 om 1719 CST thro | Source: Mesonet ough 1721 CST. A peak wind gust of 60 Thunderstorm Wind (EG 52 kt) |
| HALE COUNTY 5.0 ENE ABERNATHY [33.8 A Texas Tech University West Texas mesonet smph was measured at 1721 CST. HOCKLEY COUNTY 6.0 NW ROPESVILLE [A trained spotter located approximately six mile LUBBOCK COUNTY 2.0 NE SLATON [33.45] A Texas Tech University West Texas mesonet six | 08/29/22 17:19 CST 08/29/22 17:21 CST site near Abernathy measured s [33.48, -102.22] 08/29/22 17:33 CST 08/29/22 17:33 CST es northwest of Ropesville estim 5, -101.63] 08/29/22 17:48 CST 08/29/22 17:51 CST | nated wind gusts of | 0 0 1719 CST thro | Source: Mesonet Dugh 1721 CST. A peak wind gust of 60 Thunderstorm Wind (EG 52 kt) Source: Trained Spotter Thunderstorm Wind (MG 56 kt) Source: Mesonet |
| A Texas Tech University West Texas mesonet something the second of the s | 08/29/22 17:19 CST 08/29/22 17:21 CST site near Abernathy measured s [33.48, -102.22] 08/29/22 17:33 CST 08/29/22 17:33 CST es northwest of Ropesville estim 5, -101.63] 08/29/22 17:51 CST site near Slaton measured sevel 3.42, -102.62] | nated wind gusts of | 0 0 0 0 60 mph. | Source: Mesonet Dugh 1721 CST. A peak wind gust of 60 Thunderstorm Wind (EG 52 kt) Source: Trained Spotter Thunderstorm Wind (MG 56 kt) Source: Mesonet 1751 CST. A peak wind gust of 65 mph |
| A Texas Tech University West Texas mesonet something in the complete s | 08/29/22 17:19 CST 08/29/22 17:21 CST site near Abernathy measured s [33.48, -102.22] 08/29/22 17:33 CST 08/29/22 17:33 CST es northwest of Ropesville estim [5, -101.63] 08/29/22 17:48 CST 08/29/22 17:51 CST site near Slaton measured sevel [3.42, -102.62] 08/29/22 17:49 CST | nated wind gusts of | 0 0 0 0 60 mph. | Source: Mesonet Dugh 1721 CST. A peak wind gust of 60 Thunderstorm Wind (EG 52 kt) Source: Trained Spotter Thunderstorm Wind (MG 56 kt) Source: Mesonet 1751 CST. A peak wind gust of 65 mph Thunderstorm Wind (MG 54 kt) |
| A Texas Tech University West Texas mesonet something in the complete s | 08/29/22 17:19 CST 08/29/22 17:21 CST site near Abernathy measured s [33.48, -102.22] 08/29/22 17:33 CST 08/29/22 17:33 CST es northwest of Ropesville estim 5, -101.63] 08/29/22 17:51 CST site near Slaton measured sevel 3.42, -102.62] | nated wind gusts of | 0 0 0 0 60 mph. | Source: Mesonet Dugh 1721 CST. A peak wind gust of 60 Thunderstorm Wind (EG 52 kt) Source: Trained Spotter Thunderstorm Wind (MG 56 kt) Source: Mesonet 1751 CST. A peak wind gust of 65 mph |
| A Texas Tech University West Texas mesonet smph was measured at 1721 CST. HOCKLEY COUNTY 6.0 NW ROPESVILLE A trained spotter located approximately six mile LUBBOCK COUNTY 2.0 NE SLATON [33.45] A Texas Tech University West Texas mesonet swas measured at 1748 CST. COCHRAN COUNTY 12.5 S WHITEFACE [3 | 08/29/22 17:19 CST 08/29/22 17:21 CST site near Abernathy measured s [33.48, -102.22] 08/29/22 17:33 CST 08/29/22 17:33 CST es northwest of Ropesville estim 5, -101.63] 08/29/22 17:48 CST 08/29/22 17:51 CST site near Slaton measured sever 3.42, -102.62] 08/29/22 17:49 CST 08/29/22 17:49 CST | nated wind gusts of | 0 0 1719 CST thro 0 0 60 mph. 0 1748 CST through | Source: Mesonet Dugh 1721 CST. A peak wind gust of 60 Thunderstorm Wind (EG 52 kt) Source: Trained Spotter Thunderstorm Wind (MG 56 kt) Source: Mesonet 1751 CST. A peak wind gust of 65 mph Thunderstorm Wind (MG 54 kt) |
| HALE COUNTY 5.0 ENE ABERNATHY [33.8 A Texas Tech University West Texas mesonet smph was measured at 1721 CST. HOCKLEY COUNTY 6.0 NW ROPESVILLE [A trained spotter located approximately six miles. LUBBOCK COUNTY 2.0 NE SLATON [33.45] A Texas Tech University West Texas mesonet swas measured at 1748 CST. COCHRAN COUNTY 12.5 S WHITEFACE [3] A Texas Tech University West Texas mesonet swas measured at 1748 CST. | 08/29/22 17:19 CST 08/29/22 17:21 CST site near Abernathy measured s [33.48, -102.22] 08/29/22 17:33 CST 08/29/22 17:33 CST es northwest of Ropesville estim [5, -101.63] 08/29/22 17:48 CST 08/29/22 17:51 CST site near Slaton measured sever [3.42, -102.62] 08/29/22 17:49 CST 08/29/22 17:49 CST 08/29/22 17:49 CST | nated wind gusts of | 0 0 0 0 60 mph. 0 0 0 1748 CST through | Source: Mesonet Dugh 1721 CST. A peak wind gust of 60 Thunderstorm Wind (EG 52 kt) Source: Trained Spotter Thunderstorm Wind (MG 56 kt) Source: Mesonet 1751 CST. A peak wind gust of 65 mph Thunderstorm Wind (MG 54 kt) Source: Mesonet |
| A Texas Tech University West Texas mesonet smph was measured at 1721 CST. HOCKLEY COUNTY 6.0 NW ROPESVILLE A trained spotter located approximately six miles LUBBOCK COUNTY 2.0 NE SLATON [33.45] A Texas Tech University West Texas mesonet swas measured at 1748 CST. COCHRAN COUNTY 12.5 S WHITEFACE [3] A Texas Tech University West Texas mesonet swas measured at 1748 CST. | 08/29/22 17:19 CST 08/29/22 17:21 CST site near Abernathy measured s [33.48, -102.22] 08/29/22 17:33 CST 08/29/22 17:33 CST es northwest of Ropesville estim [5, -101.63] 08/29/22 17:48 CST 08/29/22 17:51 CST site near Slaton measured sever [3.42, -102.62] 08/29/22 17:49 CST 08/29/22 17:49 CST | nated wind gusts of | 0 0 1719 CST thro 0 0 60 mph. 0 1748 CST through | Source: Mesonet Dugh 1721 CST. A peak wind gust of 60 Thunderstorm Wind (EG 52 kt) Source: Trained Spotter Thunderstorm Wind (MG 56 kt) Source: Mesonet 1751 CST. A peak wind gust of 65 mph Thunderstorm Wind (MG 54 kt) |

GARZA COUNTY --- 5.5 SSW GRAHAM CHAPEL [33.08, -101.52]

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| | Storm Data and Unusua | ıl Weather F | henomena - | - August 2022 |
|--|--|----------------------|------------------------|-------------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 08/29/22 18:33 CST | | 0 | Thunderstorm Wind (MG 56 kt) |
| | 08/29/22 18:36 CST | | 0 | Source: Mesonet |
| A Texas Tech University West Texas mph was measured at 1835 CST. | mesonet site near Graham measured seve | ere wind gusts fro | m 1833 CST throu | gh 1836 CST. A peak wind gust of 65 |
| LYNN COUNTY 1.0 W ODONNEL | .L [32.97, -101.85] | | | |
| | 08/29/22 18:46 CST | | 0 | Thunderstorm Wind (MG 50 kt) |
| | 08/29/22 18:46 CST | | 0 | Source: Mesonet |
| A Texas Tech University West Texas | mesonet site near O'Donnell measured a | wind gust of 58 mp | oh. | |
| LUBBOCK COUNTY 2.3 SW WO WOODROW [33.41, -101.84] | ODROW [33.42, -101.84], 2.0 SSE WOODR | ROW [33.42, -101. | 80], 1.9 WSW UNIC | DN [33.41, -101.80], 3.0 SSW |
| | 08/31/22 12:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/31/22 14:30 CST | | 0 | Source: Social Media |
| Photographs on social media showe | ed that a portion of US Highway 87 near Fai | rm to Market Road | d 41 was flooded. | |
| TERRY COUNTY 3.6 S GOMEZ [: GOMEZ [33.21, -102.38] | 33.13, -102.39], 2.4 SE BROWNFIELD ARP | PT [33.14, -102.15] | , 3.2 NNE BROWN | IFIELD ARPT [33.21, -102.16], 2.3 N |
| | 08/31/22 13:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/31/22 15:30 CST | | 0 | Source: Law Enforcement |
| | ed a vehicle that had drifted off the road at a coded out vehicles throughout town. Addition | | - | |
| GARZA COUNTY 0.5 WSW POST -101.32] | T [33.18, -101.39], 1.6 E POST [33.18, -101. | .35], 4.8 N JUSTIC | CEBURG [33.10, -1 | 01.21], 2.0 SSW AUGUSTUS [33.10, |
| | 08/31/22 14:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/31/22 16:30 CST | | 0 | Source: Department of Highways |

08/31/22 16:30 CST 0 Source: Department of Highways

The Texas Department of Transportation reported that a portion of US Highway 84 was underwater due to heavy rainfall and a large backup in traffic occurred due to the flooded roadway.

An upper level storm system became nearly stationary, centered close to El Paso, which allowed extremely moist air to continue to be pumped up into West Texas on the 31st. The near record moisture levels, along with the nearby upper level low, and weak daytime heating, initiated a round of westward-moving showers and thunderstorms that dumped torrential rain in spots adding to the already saturated soils. A number of area roadways become inundated with water stopping traffic and causing some vehicles to be washed off the road. In addition to causing flooding in and around Lubbock (Lubbock County), Brownfield (Terry County), and Post (Garza County), a couple of the tropical showers generated brief funnel clouds. These tropical-type funnels did no known damage.

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