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

#### **TEXAS, South Panhandle**

(TX-Z021) PARMER, (TX-Z022) CASTRO, (TX-Z023) SWISHER, (TX-Z024) BRISCOE, (TX-Z027) BAILEY, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z039) YOAKUM, (TX-Z040) TERRY, (TX-Z041) LYNN

03/01/21 00:00 CST 0 Drought

0

03/31/21 22:59 CST

Some areas saw improvement in drought conditions through the month of March while other areas continued to see exceptional drought (D4) conditions. The central and eastern South Plains as well as the western Rolling Plains and extreme south-central Texas Panhandle saw drought conditions improve. The western South Plains and extreme southwestern Texas Panhandle continued to see very little rainfall through the month of March and no improvement. A few significant precipitation events occurred in March along with severe weather on the 12th, 13th, and 22nd. These events generally brought between one and two inches of rainfall over a widespread area. This greatly improved soil moisture levels where it did rain. However, topsoil moisture levels were still very low in the western South Plains into the extreme southwestern Texas Panhandle.

HALE COUNTY 1.9 N COUNTYLIN	E [33.85, -102.03]
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03/12/21 16:55 CST 0 Source: Storm Chaser

A storm chaser reported quarter size hail near the intersection of Farm to Market road 179 and County Road 320 in Hale County.

LUBBOCK COUNTY --- 5.7 W CALDWELL [33.76, -102.02], 4.8 W CALDWELL [33.78, -102.00]

03/12/21 17:05 CST 0 Tornado (EFU, L: 1.34 mi , W: 100 yd)

03/12/21 17:10 CST 0 Source: Trained Spotter

A trained spotter observed a brief tornado lasting for five minutes about five miles north of Shallowater. No damage was reported.

HALE COUNTY --- 2.7 N PETERSBURG [33.91, -101.59]

03/12/21 18:07 CST 0 Hail (2.50 in) 03/12/21 18:07 CST 0 Source: Public

A report was received of hail up to tennis ball size around two to three miles north of Petersburg.

DICKENS COUNTY --- 3.0 NNW MC ADOO [33.77, -101.00]

03/12/21 18:56 CST 0 Thunderstorm Wind (MG 56 kt)

03/12/21 18:59 CST 0 Source: Mesonet

A Texas Tech University West Texas mesonet site near McAdoo measured severe wind gusts from 1856 CST through 1859 CST. A peak wind of 64 mph was measured at 1857 CST.

DICKENS COUNTY --- 1.0 S GLENN [33.77, -100.85]

03/12/21 19:19 CST 0 Thunderstorm Wind (EG 56 kt)

03/12/21 19:19 CST 0 Source: Storm Chaser

A storm chaser reported that several utility poles were downed and snapped near the intersection of Farm to Market Road 193 and Texas State Highway 70 associated with rear flank downdraft winds.

COTTLE COUNTY --- 9.3 SSE NARCISSO [33.88, -100.40], 9.4 SSE NARCISSO [33.88, -100.39]

03/12/21 20:16 CST 0 Tornado (EFU, L: 0.23 mi , W: 50 yd)

03/12/21 20:18 CST 0 Source: Storm Chaser

A storm chaser observed a brief tornado about 11 miles south-southwest of Paducah.

COTTLE COUNTY --- 8.6 SSE NARCISSO [33.89, -100.40], 6.2 W CHALK [33.90, -100.33]

03/12/21 20:17 CST 0 Hail (1.75 in)

03/12/21 20:38 CST 0 Source: Storm Chaser

A swath of hail up to golf ball size occurred from a Texas Tech University West Texas mesonet ten miles southwest of Paducah to US Highway 83 seven miles south of Paducah.

The first of a multi day tornado event occurred on the evening of the 12th. A slow moving upper level low was located over southern California moving into Arizona. Ample moisture surged northward east of a dryline leading to mixed layer instability values on the order

Page 1 of 6 Printed on: 06/19/2021

CASTRO COUNTY 8.0 NW HART [34.46, -102.22]  03/13/21 14-38 CST  0 Source: Slorm Chaser  A storm chaser reported half up to half dollar size between Hart and Dimmit.  CASTRO COUNTY 3.3 WSW NAZARETH [34.53, -102.15], 2.5 SW NAZARETH [34.53, -102.15]  03/13/21 14-55 CST  03/13/21 14-55 CST  0 Source: Slorm Chaser  A storm chaser documented a brief tomado southwest of Nazareth.  SWISHER COUNTY 8.0 WSW HAPPY [34.71, -101.98], 5.1 YMW HAPPY [34.75, -101.94]  03/13/21 15-15 CST  0 Source: Slorm Chaser  A storm chaser documented a brief tomado southwest of Nazareth.  SWISHER COUNTY 8.0 WSW HAPPY [34.71, -101.98], 5.1 YMW HAPPY [34.75, -101.94]  03/13/21 15-15 CST  0 Source: MYS Storm Survey  This is the beginning of an eventual wiste and long trackets brinands that eventually moved into Randall County (WFO Anarillo). The tomado began on ranch and west-southwest of Happy and damaged mainly power poles and a few structures as it moved northeasts.  CASTRO COUNTY 2.4 N HART [34.41, -102.11], 3.3 NNE HART [34.43, -102.11]  03/13/21 15-55 CST  0 Source: NWS Storm Survey  This short-lived EF-0 tomado southed down in a farm field just contrib flast flaging a center privat imgation system and creating minor roof damage to a small outbuilding. A wind gust of 87 mph was recorded at the Texas Tech West Texas meconet location north of Hart as this tomado passed nearby.  CASTRO COUNTY 2.5 SE NAZARETH [34.21, -102.07]  03/13/21 15-55 CST  0 Source: Storm Chaser  A storm chaser video revealed a brief fornado aoutheast of Nazareth over open land. No damage was known.  SWISHER COUNTY 8.7 E HAPPY [34.73, -101.73], 8.1 E HAPPY [34.75, -101.71]  03/13/21 16-25 CST  0 Source: Storm Chaser  Tomado (EFO, L: 1.57 mi, W: 50 yd)  03/13/21 16-25 CST  0 Source: Storm Chaser  A toxas Tech University West Texas mesoneted and County Road 16. This tormado crossed into Randall  County, where it was surveyed by WFO Amarillo.  03/13/21 16-25 CST  0 Source: MYS Storm Survey  Tomado (EFU, L: 0.04 mi, W: 20 yd)  03/13/21 16-25 CS	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A storm chaser reported hall up to half dollar size between Hart and Dimmit.  CASTRO COUNTY3.3 WSW NAZARETH [34.53, -102.15], 2.5 SW NAZARETH [34.53, -102.15] 03/13/21 14:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.93 mi , W: 20 yd) 03/13/21 16:55 CST 0 Source: NWS Storm Survey 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.30 mi , W: 30 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.30 mi , W: 30 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.30 mi , W: 30 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.50 mi , W: 50 yd) 03/13/21 16:50 CST 0 Source: NWS Storm Survey 03/13/21 16:50 CST 0 Tomado (EFU, L: 0.40 mi , W: 50 yd) 03/13/21 16:50 CST 0 Source: NWS Storm Survey 03/13/21 16:50 CST 0 Source:	hail up to tennis ball size. Damage strong shear near an intersection o	to a Texas Tech University West Texas n of the dryline and a quasi-stationary front	nesonet site occur t led to two tornad	rred near Paducah loes during the ev	(Cottle County). Very ening. The first was in
A storm chaser reported hall up to half dollar size between Hart and Dimmit.  CASTRO COUNTY3.3 WSW NAZARETH [34.53, -102.15], 2.5 SW NAZARETH [34.53, -102.15] 03/13/21 14:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.92 mi , W: 20 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.93 mi , W: 20 yd) 03/13/21 16:55 CST 0 Source: NWS Storm Survey 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.30 mi , W: 30 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.30 mi , W: 30 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.30 mi , W: 30 yd) 03/13/21 16:55 CST 0 Tomado (EFU, L: 0.50 mi , W: 50 yd) 03/13/21 16:50 CST 0 Source: NWS Storm Survey 03/13/21 16:50 CST 0 Tomado (EFU, L: 0.40 mi , W: 50 yd) 03/13/21 16:50 CST 0 Source: NWS Storm Survey 03/13/21 16:50 CST 0 Source:	CASTRO COUNTY 8.0 NW HART				
A storm chaser reported hail up to half dollar size between Hart and Dimmitt.  CASTRO COUNTY 3.3 WSW NAZARETH (34.53, -102.15), 2.5 SW NAZARETH (34.53, -102.13)  03/13/21 14.55 CST 0 Source. Storm Chaser  A storm chaser documented a brief tornado southwest of Nazareth.  SWISHER COUNTY 8.0 WSW HAPPY (34.71, -101.99), 5.1 WNW HAPPY (34.75, -101.94)  03/13/21 15.15 CST 0 Tornado (EF1, L. 4.05 ml , W: 377 yd)  03/13/21 15.15 CST 0 Source: NWS Storm Survey  This is the beginning of an eventual wide and long tracked tornado that eventually moved into Randall County (WFO Amarillo). The tornado began on ranch land west-southwest of Happy and damaged mainly power poles and a few structures as if moved northeast.  CASTRO COUNTY 2.4 N HART (34.41, -102.11), 3.3 NNE HART (34.43, -102.11)  03/13/21 15.56 CST 0 Tornado (EF0, L. 1.42 ml , W: 30 yd)  03/13/21 15.56 CST 0 Source: NMS Storm Survey  This short-lived EF-0 tornado touched down in a farm field just north of Hart flipping a center pivot irrigation system and creating minor roof damage to a small outbuilding. A wind gust of 87 mph was recorded at the Toxas Tech West Toxas mesonel location north of Hart as this tornado passed nearby.  CASTRO COUNTY 2.5 SE NAZARETH (34.52, -102.07), 2.4 SE NAZARETH (34.53, -102.07)  03/13/21 15.57 CST 0 Tornado (EF0, L. 1.1.57 ml , W: 30 yd)  03/13/21 15.57 CST 0 Tornado (EF0, L. 1.1.57 ml , W: 50 yd)  03/13/21 16.05 CST 0 Tornado (EF0, L. 1.1.57 ml , W: 50 yd)  03/13/21 16.05 CST 0 Tornado (EF0, L. 1.1.57 ml , W: 50 yd)  03/13/21 16.05 CST 0 Tornado (EF0, L. 1.1.57 ml , W: 50 yd)  03/13/21 16.05 CST 0 Tornado (EF0, L. 1.1.57 ml , W: 50 yd)  03/13/21 16.05 CST 0 Tornado (EF0, L. 1.1.57 ml , W: 50 yd)  03/13/21 16.05 CST 0 Tornado (EF0, L. 1.0.04 ml , W: 20 yd)  03/13/21 16.05 CST 0 Tornado (EF0, L. 1.0.04 ml , W: 20 yd)  03/13/21 16.05 CST 0 Tornado (EF0, L. 1.0.04 ml , W: 20 yd)  03/13/21 16.05 CST 0 Tornado (EFU, L. 0.04 ml , W: 20 yd)  03/13/21 16.05 CST 0 Source: Mesonet  LYNN COUNTY 1.0 N ODONNELL (32.98, -101.8		***************************************			
CASTRO COUNTY — 3.3 WSW NAZARETH [34.53, -102.15], 2.5 SW NAZARETH [34.53, -102.13] 03/13/21 14.55 CST 0 Source: Storm Chaser  A storm chaser documented a brief tornado southwest of Nazareth.  SWISHER COUNTY — 8.0 WSW HAPPY [34.71, -101.99], 5.1 WNW HAPPY [34.76, -101.94] 03/13/21 15.15 CST 0 Tornado (EF1, L. 4.05 ml , W: 377 yd) 03/13/21 15.26 CST 0 Source: NWS Storm Survey  This is the beginning of an eventual wide and long tracked tornado that eventually moved into Randall County (NFC Amarillo). The tornado began on ranch land west-southwest of Happy and damaged mainly power poles and a few structures as it moved northeast.  CASTRO COUNTY — 2.4 N HART [34.41, -102.11], 3.3 NNE HART [34.43, -102.11] 03/13/21 15.56 CST 0 Source: NWS Storm Survey  This short-lived EF-0 ternado touched down in a farm field just north of Hart flipping a center pivot irrigation system and creating minor roof damage to a small outbuilding. A wind gust of 87 mph was recorded at the Texas Tech West Texas mesonel location north of Hart as this tornado passed nearby.  CASTRO COUNTY — 2.5 SE NAZARETH [34.52, -102.07], 2.4 SE MAZARETH [34.53, -102.07] 03/13/21 15.56 CST 0 Tornado (EF0, L: 1.57 ml , W: 30 yd) 03/13/21 15.57 CST 0 Tornado (EFU, L: 0.30 ml , W: 30 yd) 03/13/21 15.57 CST 0 Tornado (EFU, L: 0.30 ml , W: 30 yd) 03/13/21 16.05 CST 0 Tornado (EFU, L: 0.30 ml , W: 30 yd) 03/13/21 16.05 CST 0 Tornado (EFU, L: 0.57 ml , W: 50 yd) 03/13/21 16.05 CST 0 Tornado (EFU, L: 1.57 ml , W: 50 yd) 03/13/21 16.05 CST 0 Tornado (EFU, L: 0.04 ml , W: 20 yd) 03/13/21 16.05 CST 0 Tornado (EFU, L: 0.04 ml , W: 20 yd) 03/13/21 16.05 CST 0 Tornado (EFU, L: 0.04 ml , W: 20 yd) 03/13/21 16.05 CST 0 Tornado (EFU, L: 0.04 ml , W: 20 yd) 03/13/21 16.05 CST 0 Tornado (EFU, L: 0.04 ml , W: 20 yd) 03/13/21 16.05 CST 0 Tornado (EFU, L: 0.04 ml , W: 20 yd) 03/13/21 16.05 CST 0 Source: Mesonet  LYNN COUNTY — 1.0 N ODONNELL [32.98, -101.83] 03/13/21 16.05 CST 0 Tornado (EFU, L: 0.04 ml , W: 20 yd) 03/13/21 16.05 CST 0 Source: Storm Chaser  A storm chaser phologr		03/13/21 14:38 CST		0	Source: Storm Chaser
A storm chaser documented a brief tornado southwest of Nazareth.  SWISHER COUNTY 8.0 WSW HAPPY [34.71, -101.99], 6.1 WNW HAPPY [34.75, -101.94] 03/13/21 15/15 CST 0 Tornado (EF1, L: 4.05 mi , W: 377 yd) 03/13/21 15/15 CST 0 Source: NWS Storm Survey  D3/13/21 15/15 CST 0 Tornado (EF1, L: 4.05 mi , W: 377 yd) 03/13/21 15/15 CST 0 Tornado (EF1, L: 4.05 mi , W: 377 yd) 03/13/21 15/15 CST 0 Tornado (EF1, L: 4.05 mi , W: 377 yd) 03/13/21 15/15 CST 0 Tornado (EF1, L: 4.05 mi , W: 377 yd) 03/13/21 15/15 CST 0 Tornado (EF1, L: 4.05 mi , W: 377 yd) 03/13/21 15/15 CST 0 Tornado (EF1, L: 4.05 mi , W: 377 yd) 03/13/21 15/15 CST 0 Tornado (EF0, L: 1.42 mi , W: 30 yd) 03/13/21 15/15 CST 0 Tornado (EF0, L: 1.42 mi , W: 30 yd) 03/13/21 15/15 CST 0 Tornado (EF0, L: 1.42 mi , W: 30 yd) 03/13/21 15/15 CST 0 Tornado (EF0, L: 1.42 mi , W: 30 yd) 03/13/21 15/15 CST 0 Tornado (EF0, L: 1.42 mi , W: 30 yd) 03/13/21 15/15 CST 0 Tornado (EF0, L: 1.42 mi , W: 30 yd) 03/13/21 15/15 CST 0 Tornado (EF0, L: 1.42 mi , W: 30 yd) 03/13/21 15/15 CST 0 Tornado (EF0, L: 1.42 mi , W: 30 yd) 03/13/21 15/15 CST 0 Tornado (EF0, L: 1.57 mi , W: 30 yd) 03/13/21 15/15 CST 0 Tornado (EF0, L: 1.57 mi , W: 30 yd) 03/13/21 15/15 CST 0 Tornado (EF0, L: 1.57 mi , W: 30 yd) 03/13/21 15/15 CST 0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 15/16 CST 0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 16/16 CST 0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 16/16 CST 0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 16/16 CST 0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 16/20 CST 0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 16/20 CST 0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 16/20 CST 0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 16/20 CST 0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 16/20 CST 0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 16/20 CST 0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 16/20 CST 0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 16/20 CST 0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 16/20 CST 0 Tornado (EF0, L: 1.57 mi	A storm chaser reported hail up to h	nalf dollar size between Hart and Dimmitt.			
A storm chaser documented a brief tornado southwest of Nazareth.  SWISHER COUNTY — 8.0 WSW HAPPY [34.71, -101.99], 5.1 WNW HAPPY [34.75, -101.94] 03/13/21 15:26 CST 0 Tomado (EF1, L: 4.05 mil, W: 377 yd) 03/13/21 15:26 CST 0 Source: NWS Storm Survey  This is the beginning of an eventual wide and long tracked formado that eventually moved into Randall County (WFO Amarillo). The tornado began on ranch land west-southwest of Happy and damaged mainty power poles and a few structures as it moved northeast.  CASTRO COUNTY — 2.4 N HART [34.41, -102.11], 3.3 NNE HART [34.43, -102.11] 03/13/21 15:56 CST 0 Tomado (EF0, L: 1.42 mil, W: 30 yd) 03/13/21 15:56 CST 0 Source: NWS Storm Survey  This short-lived EF-0 tornado touched down in a farm field just north of Hart flipping a center pivot irrigation system and creating minor roof damage to a small outbuilding. A wind gust of 87 mph was recorded at the Texas Tech West Texas mesonet location north of Hart as this tornado passed nearby.  CASTRO COUNTY — 2.5 SE NAZARETH [34.52, -102.07], 2.4 SE NAZARETH [34.53, -102.07] 03/13/21 15:56 CST 0 Tomado (EF0, L: 0.30 mil, W: 30 yd) 03/13/21 15:57 CST 0 Tomado (EF0, L: 0.30 mil, W: 30 yd) 03/13/21 15:56 CST 0 Tomado (EF0, L: 0.57 mil, W: 50 yd) 03/13/21 15:56 CST 0 Tomado (EF0, L: 0.57 mil, W: 50 yd) 03/13/21 16:06 CST 0 Source: NWS Storm Survey  This EF-0 tomado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken power poles near the intersection of County Road B and County Road B	CASTRO COUNTY 3.3 WSW NA		ETH [34.53, -102.13	=	T
A storm chaser documented a brief tornado southwest of Nazareth.  SWISHER COUNTY 8.0 WSW HAPPY [34.71, -101.99], 5.1 WNW HAPPY [34.75, -101.94] 03/13/21 15:15 CST 0 Source: NWS Storm Survey  This is the beginning of an eventual wide and long tracked tornado that eventually moved into Randall County (WFO Amarillo). The tornado began on ranch and west-southwest of Happy and damaged mainly power poles and a few structures as it moved northeast.  CASTRO COUNTY 2.4 N HART [34.41, -102.11], 3.3 NNE HART [34.43, -102.11] 03/13/21 15:56 CST 0 Tornado (EF0, L: 1.42 mi, W: 30 yd) 03/13/21 15:56 CST 0 Source: NWS Storm Survey  This short-lived EF-0 tornado touched down in a farm field just north of Hart flipping a center privot imigation system and creating into roof damage to a small outbuilding. A wind gust of 57 mph was recorded at the Texas Tech (West Texas mesonet location north of Hart as this tornado passed nearby.  CASTRO COUNTY 2.5 SE NAZARETH [34.52, -102.07], 2.4 SE NAZARETH [34.53, -102.07] 03/13/21 15:55 CST 0 Tornado (EFU, L: 0.30 mi, W: 30 yd) 03/13/21 15:55 CST 0 Tornado (EFU, L: 0.30 mi, W: 30 yd) 03/13/21 15:55 CST 0 Source: NWS Storm Chaser  A storm chaser video revealed a brief tornado southeast of Nazareth over open land. No damage was known.  SWISHER COUNTY 6.7 E HAPPY [34.73, -101.73], 8.1 E HAPPY [34.75, -101.71] 03/13/21 16:06 CST 0 Source: NWS Storm Survey  This EF-0 tornado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken power poles near the intersection of County Road B and County Road 16. This tornado crossed into Randall  LEVIN COUNTY 1.0 N ODONNELL [32.98, -101.83] 03/13/21 16:20 CST 0 Thunderstorm Wind (MG 53 kt) 03/13/21 16:20 CST 0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 4.5 SE FURGUSON STA [34.08, -101.70] 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the sout					• ,
SWISHER COUNTY 8.0 WSW HAPPY [34.71, -101.99], 5.1 WNW HAPPY [34.75, -101.94] 03/13/21 15:15 GST 0 Tomado (EF1, L: 4.05 mi, W: 377 yd) 03/13/21 15:26 CST 0 Source: NWS Storm Survey  This is the beginning of an eventual wide and long tracked tomado that eventually moved into Randall County (WFO Amarillo). The tomado began on ranch and west-southwest of Happy and damaged mainly power poles and a few structures as it moved northeast.  CASTRO COUNTY 24 N HART [34.41, -102.11], 3.3 NNE HART [34.43, -102.11] 03/13/21 15:56 GST 0 Tomado (EF0, L: 1.42 mi, W: 30 yd) 03/13/21 15:56 CST 0 Source: NWS Storm Survey  This short-lived EF-0 tomado touched down in a farm field just north of Hart flipping a center pivol irrigation system and creating minor roof damage to a small outbuilding. A wind gust of 67 mph was recorded at the Texas Tech West Texas mesonet location north of Hart as this tornado passed nearby.  CASTRO COUNTY 2.5 SE NAZARETH [34.52, -102.07], 2.4 SE NAZARETH [34.53, -102.07] 03/13/21 15:57 CST 0 Source: Storm Chaser  A storm chasser video revealed a brief fornado southeast of Nazareth over open land. No damage was known.  SWISHER COUNTY 6.7 E HAPPY [34.73, -101.73], 8.1 E HAPPY [34.75, -101.71] 03/13/21 16:05 CST 0 Source: NNS Storm Survey  This EF-0 tomado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken cover piles near the intersection of County Road B and County Road 16. This tornado crossed into Randall  LYNN COUNTY 1.0 N ODONNELL [32.98, -101.83] 03/13/21 16:20 CST 0 Tomado (EFU, L: 0.04 mi, W: 20 yd) 03/13/21 16:20 CST 0 Source: Mesonet  A Texas Tech University West Texas mesonet sile near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 1.0 N ODONNELL [32.98, -101.83] 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tomado to the south of Plainview in an open field.		03/13/21 14:57 CS1		0	Source: Storm Chaser
O3/13/21 15:15 CST 0 Tornado (EFI, L: 4.05 mi, W: 377 yd) O3/13/21 15:26 CST 0 Source: NWS Storm Survey  This is the beginning of an eventual wide and long tracked tornado that eventually moved into Randall County (WFO Amarillo). The tornado began on ranch and west-southwest of Happy and damaged mainly power poles and a few structures as it moved northeast.  CASTRO COUNTY 2.4 N HART [34.41, -102.11], 3.3 NNE HART [34.43, -102.11] O3/13/21 15:56 CST 0 Tornado (EFO, L: 1.42 mi, W: 30 yd) O3/13/21 15:56 CST 0 Source: NWS Storm Survey  This short-lived EF-0 tornado touched down in a farm field just north of Hart flipping a center pivot irrigation system and creating minor roof damage to a small outbuilding. A wind gust of 87 mph was recorded at the Texas Tech West Texas mesonet location north of Hart as this tornado passed nearby.  CASTRO COUNTY 2.5 SE NAZARETH [34.52, -102.07], 2.4 SE NAZARETH [34.53, -102.07] O3/13/21 15:57 CST 0 Tornado (EFU, L: 0.30 mi, W: 30 yd) O3/13/21 15:57 CST 0 Source: Storm Chaser  A storm chaser video revealed a brief tornado southeast of Nazareth over open land. No damage was known.  SWISHER COUNTY 6.7 E HAPPY [34.73, -101.73], 8.1 E HAPPY [34.75, -101.71] O3/13/21 16:05 CST 0 Tornado (EFU, L: 0.30 mi, W: 50 yd) O3/13/21 16:05 CST 0 Source: NWS Storm Survey  This EF-0 tornado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken owner poles near the intersection of County Road B and County Road 16. This tornado crossed into Randall County 1.0 N ODONNELL [32.98, -101.83] O3/13/21 16:20 CST 0 Tornado (EFU, L: 0.04 mi, W: 20 yd) O3/13/21 16:21 CST 0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 1.0 P SETH WARD [34.23, -101.49] O3/13/21 16:20 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.	A storm chaser documented a brief	tornado southwest of Nazareth.			
O3/13/21 15:26 CST 0 Source: NWS Storm Survey  This is the beginning of an eventual wide and long tracked tornado that eventually moved into Randall County (WFO Amarillo). The tornado began on ranch and west-southwest of Happy and damaged mainly power poles and a few structures as it moved northeast.  CASTRO COUNTY — 2.4 N HART [34.41, -102.11], 3.3 NNE HART [34.43, -102.11]  03/13/21 15:56 CST 0 Tornado (EFO, L: 1.42 mi, W: 30 yd)  03/13/21 15:56 CST 0 Source: NWS Storm Survey  This short-lived EF-0 tornado touched down in a farm field just north of Hart flipping a center pivot irrigation system and creating minor roof damage to a small outbuilding. A wind gust of 87 mph was recorded at the Texas Tech West Texas mesonet location north of Hart as this tornado passed nearby.  CASTRO COUNTY — 2.5 SE NAZARETH [34.52, -102.07], 2.4 SE NAZARETH [34.53, -102.07]  03/13/21 15:55 CST 0 Tornado (EFU, L: 0.30 mi, W: 30 yd)  03/13/21 15:55 CST 0 Source: Storm Chaser  A storm chaser video revealed a brief tornado southeast of Nazareth over open land. No damage was known.  SWISHER COUNTY — 6.7 E HAPPY [34.73, -101.73], 8.1 E HAPPY [34.75, -101.71]  03/13/21 16:05 CST 0 Tornado (EFO, L: 1.57 mi, W: 50 yd)  03/13/21 16:05 CST 0 Source: NWS Storm Survey  This EF-0 tornado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken cover poten land the intersection of County Road B and County Road 16. This tornado crossed into Randall  County, where it was surveyed by WFO Amarillo.  -YNN COUNTY — 1.0 N ODONNELL [32.98, -101.83]  03/13/21 16:20 CST 0 Tornado (EFU, L: 0.04 mi, W: 20 yd)  03/13/21 16:21 CST 0 Tornado (EFU, L: 0.04 mi, W: 20 yd)  03/13/21 16:21 CST 0 Source: Storm Chaser  A toxas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  4. Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  4. Toxas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 6	SWISHER COUNTY 8.0 WSW H		4.75, -101.94]	0	T
This is the beginning of an eventual wide and long tracked tornado that eventually moved into Randall County (WFO Amarillo). The tornado began on ranch and west-southwest of Happy and damaged mainly power poles and a few structures as it moved northeast.  CASTRO COUNTY 2.4 N HART [34.41, -102.11], 3.3 NNE HART [34.43, -102.11] 03/13/21 15:56 CST 0 Tornado (EF0, L: 1.42 mi, W: 30 yd) 03/13/21 15:56 CST 0 Source: NWS Storm Survey  This short-lived EF-0 tornado touched down in a farm filed just north of Hart flipping a center pivot irrigation system and creating minor roof damage to a small outbuilding. A wind gust of 87 mph was recorded at the Texas Fech West Texas mesonet location north of Hart as this tornado passed nearby.  CASTRO COUNTY 2.5 SE NAZARETH [34.52, -102.07], 2.4 SE NAZARETH [34.53, -102.07] 03/13/21 15:57 CST 0 Tornado (EF0, L: 0.30 mi, W: 30 yd) 03/13/21 15:57 CST 0 Source: Storm Chaser  A storm chaser video revealed a brief tornado southeast of Nazareth over open land. No damage was known.  SWISHER COUNTY 6.7 E HAPPY [34.73, -101.73], 8.1 E HAPPY [34.76, -101.71] 03/13/21 16:08 CST 0 Tornado (EF0, L: 1.57 mi, W: 50 yd) 03/13/21 16:08 CST 0 Source: NWS Storm Survey  This EF-0 tornado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken power poles near the intersection of County Road B and County Road 16. This tornado crossed into Randall County, where it was surveyed by WFO Amarillo.  LYNN COUNTY 1.0 N ODONNELL [32.98, -101.83] 03/13/21 16:20 CST 0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 4.5 SE FURGUSON STA [34.68, -101.70] 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49] 03/13/21 16:62 CST 0 Tornado (EFU, L: 0.05 mi, W: 20 yd)					, ,
CASTRO COUNTY 2.4 N HART [34.41, -102.11], 3.3 NNE HART [34.43, -102.11] 03/13/21 16:54 CST 0 Tornado (EFO, L: 1.42 mi , W: 30 yd) 03/13/21 16:55 CST 0 Source: NWS Storm Survey  This short-lived EF-0 tornado touched down in a farm field just north of Hart flipping a center pivot irrigation system and creating minor roof damage to a small outbuilding. A wind gust of 87 mph was recorded at the Texas Tech West Texas mesonet location north of Hart as this tornado passed nearby.  CASTRO COUNTY 2.5 SE NAZARETH [34.52, -102.07], 2.4 SE NAZARETH [34.53, -102.07] 03/13/21 15:55 CST 0 Tornado (EFU, L: 0.30 mi , W: 30 yd) 03/13/21 15:55 CST 0 Source: Storm Chaser  A storm chaser video revealed a brief fornado southeast of Nazareth over open land. No damage was known.  SWISHER COUNTY 6.7 E HAPPY [34.73, -101.73], 8.1 E HAPPY [34.75, -101.71] 03/13/21 16:05 CST 0 Source: NWS Storm Survey  This EF-0 tornado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken power poles near the intersection of County Road B and County Road 16. This tornado crossed into Randail County, where it was surveyed by WFO Amarillo.  LYNN COUNTY 1.0 N ODONNELL [32.98, -101.83] 03/13/21 16:20 CST 0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 4.5 SE FURGUSON STA [34.08, -101.70] 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49] 03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)		U3/13/21 13.20 U31		U	Source. 14440 Storill Survey
O3/13/21 15:54 CST 0 Tornado (EFO, L: 1.42 mi , W: 30 yd) O3/13/21 15:56 CST 0 Source: NWS Storm Survey  This short-lived EF-0 tornado touched down in a farm field just north of Hart flipping a center pivot irrigation system and creating minor roof damage to a small outbuilding. A wind gust of 87 mph was recorded at the Texas Tech West Texas mesonet location north of Hart as this tornado passed nearby.  CASTRO COUNTY 2.5 SE NAZARETH [34.52, -102.07]		_	-	- ,	) Amarillo). The tornado began on ranch
O3/13/21 15:56 CST 0 Source: NWS Storm Survey  This short-lived EF-0 tornado touched down in a farm field just north of Hart flipping a center pivot irrigation system and creating minor roof damage to a small outbuilding. A wind gust of 87 mph was recorded at the Texas Tech West Texas mesonet location north of Hart as this tornado passed nearby.  CASTRO COUNTY 2.5 SE NAZARETH [34.52, -102.07], 2.4 SE NAZARETH [34.53, -102.07]  03/13/21 15:55 CST 0 Tornado (EFU, L: 0.30 mi , W: 30 yd)  03/13/21 15:57 CST 0 Source: Storm Chaser  A storm chaser video revealed a brief tornado southeast of Nazareth over open land. No damage was known.  SWISHER COUNTY 6.7 E HAPPY [34.73, -101.73], 8.1 E HAPPY [34.75, -101.71]  03/13/21 16:08 CST 0 Tornado (EFO, L: 1.57 mi , W: 50 yd)  03/13/21 16:08 CST 0 Source: NWS Storm Survey  This EF-0 tornado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken power poles near the intersection of County Road B and County Road 16. This tornado crossed into Randall  County, where it was surveyed by WFO Amarillo.  LYNN COUNTY 1.0 N ODONNELL [32.98, -101.83]  03/13/21 16:20 CST 0 Thunderstorm Wind (MG 53 kt)  03/13/21 16:20 CST 0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 4.5 SE FURGUSON STA [34.08, -101.70]  03/13/21 16:21 CST 0 Tornado (EFU, L: 0.04 mi , W: 20 yd)  03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.	CASTRO COUNTY 2.4 N HART [		2.11]		
This short-lived EF-0 tornado touched down in a farm field just north of Hart flipping a center pivot irrigation system and creating minor roof damage to a small outbuilding. A wind gust of 87 mph was recorded at the Texas Tech West Texas mesonet location north of Hart as this tornado passed nearby.  CASTRO COUNTY — 2.5 SE NAZARETH [34.52, -102.07], 2.4 SE NAZARETH [34.53, -102.07]  03/13/21 15:55 CST  0 Tornado (EFU, L: 0.30 mi , W: 30 yd)  03/13/21 15:57 CST  0 Source: Storm Chaser  A storm chaser video revealed a brief tornado southeast of Nazareth over open land. No damage was known.  SWISHER COUNTY — 6.7 E HAPPY [34.73, -101.73], 8.1 E HAPPY [34.75, -101.71]  03/13/21 16:05 CST  0 Tornado (EFO, L: 1.57 mi , W: 50 yd)  03/13/21 16:08 CST  0 Source: NWS Storm Survey  This EF-0 tornado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken power poles near the intersection of County Road 16. This tornado crossed into Randall County, where it was surveyed by WFO Amarillo.  LYNN COUNTY — 1.0 N ODONNELL [32.98, -101.83]  03/13/21 16:20 CST  0 Thunderstorm Wind (MG 53 kt)  03/13/21 16:20 CST  0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY — 4.5 SE FURGUSON STA [34.08, -101.70]  03/13/21 16:21 CST  0 Tornado (EFU, L: 0.04 mi , W: 20 yd)  03/13/21 16:21 CST  0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY — 11.0 E SETH WARD [34.23, -101.49]  03/13/21 16:46 CST  0 Tornado (EFU, L: 0.05 mi , W: 20 yd)					• •
Small outbuilding. A wind gust of 87 mph was recorded at the Texas Tech West Texas mesonet location north of Hart as this tornado passed nearby.  CASTRO COUNTY 2.5 SE NAZARETH [34.52, -102.07], 2.4 SE NAZARETH [34.53, -102.07]  03/13/21 15:55 CST 0 Tornado (EFU, L: 0.30 mi , W: 30 yd) 03/13/21 15:57 CST 0 Source: Storm Chaser  A storm chaser video revealed a brief tornado southeast of Nazareth over open land. No damage was known.  SWISHER COUNTY 6.7 E HAPPY [34.73, -101.73], 8.1 E HAPPY [34.75, -101.71] 03/13/21 16:05 CST 0 Tornado (EFO, L: 1.57 mi , W: 50 yd) 03/13/21 16:08 CST 0 Source: NWS Storm Survey  This EF-0 tornado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken power poles near the intersection of County Road B and County Road 16. This tornado crossed into Randall County, where it was surveyed by WFO Amarillo.  LYNN COUNTY 1.0 N ODONNELL [32.98, -101.83] 03/13/21 16:20 CST 0 Thunderstorm Wind (MG 53 kt) 03/13/21 16:20 CST 0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 4.5 SE FURGUSON STA [34.08, -101.70] 03/13/21 16:21 CST 0 Tornado (EFU, L: 0.04 mi , W: 20 yd) 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49] 03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)		03/13/21 15:56 CST		0	Source: NWS Storm Survey
A storm chaser video revealed a brief tornado southeast of Nazareth over open land. No damage was known.  SWISHER COUNTY 6.7 E HAPPY [34.73, -101.73], 8.1 E HAPPY [34.75, -101.71]  03/13/21 16:05 CST  0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 16:08 CST  0 Source: NWS Storm Survey  This EF-0 tornado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken bower poles near the intersection of County Road B and County Road 16. This tornado crossed into Randall County, where it was surveyed by WFO Amarillo.  EYNN COUNTY 1.0 N ODONNELL [32.98, -101.83]  03/13/21 16:20 CST  0 Thunderstorm Wind (MG 53 kt) 03/13/21 16:20 CST  0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 4.5 SE FURGUSON STA [34.08, -101.70] 03/13/21 16:21 CST  0 Tornado (EFU, L: 0.04 mi , W: 20 yd) 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49] 03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)	CASTRO COUNTY 2.5 SE NAZA	03/13/21 15:55 CST	[34.53, -102.07]		• •
SWISHER COUNTY 6.7 E HAPPY [34.73, -101.73], 8.1 E HAPPY [34.75, -101.71]  03/13/21 16:05 CST  0 Tornado (EF0, L: 1.57 mi , W: 50 yd)  03/13/21 16:08 CST  0 Source: NWS Storm Survey  This EF-0 tornado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken power poles near the intersection of County Road B and County Road 16. This tornado crossed into Randall County, where it was surveyed by WFO Amarillo.  LYNN COUNTY 1.0 N ODONNELL [32.98, -101.83]  03/13/21 16:20 CST  0 Thunderstorm Wind (MG 53 kt)  03/13/21 16:20 CST  0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 4.5 SE FURGUSON STA [34.08, -101.70]  03/13/21 16:21 CST  0 Tornado (EFU, L: 0.04 mi , W: 20 yd)  03/13/21 16:21 CST  0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.	A storm chaser video revealed a bri		n land. No damage		Gource. Glorii Griaser
03/13/21 16:05 CST 0 Tornado (EF0, L: 1.57 mi , W: 50 yd) 03/13/21 16:08 CST 0 Source: NWS Storm Survey  This EF-0 tornado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken power poles near the intersection of County Road B and County Road 16. This tornado crossed into Randall County, where it was surveyed by WFO Amarillo.  LYNN COUNTY 1.0 N ODONNELL [32.98, -101.83]  03/13/21 16:20 CST 0 Thunderstorm Wind (MG 53 kt) 03/13/21 16:20 CST 0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 4.5 SE FURGUSON STA [34.08, -101.70]  03/13/21 16:21 CST 0 Tornado (EFU, L: 0.04 mi , W: 20 yd) 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49]  03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)	TOTOTHI GHADOL VIAGO LOVOLICA A DIN	or torridad dodarioact or real action over oper	_	- Was kilowii.	
03/13/21 16:08 CST 0 Source: NWS Storm Survey  This EF-0 tornado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken power poles near the intersection of County Road B and County Road 16. This tornado crossed into Randall County, where it was surveyed by WFO Amarillo.  LYNN COUNTY 1.0 N ODONNELL [32.98, -101.83]  03/13/21 16:20 CST 0 Thunderstorm Wind (MG 53 kt) 03/13/21 16:20 CST 0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 4.5 SE FURGUSON STA [34.08, -101.70] 03/13/21 16:21 CST 0 Tornado (EFU, L: 0.04 mi , W: 20 yd) 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49] 03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)			01.711		
This EF-0 tornado was video recorded by storm chasers over rural areas of Swisher County east of Happy. The only damage observed were two broken power poles near the intersection of County Road B and County Road 16. This tornado crossed into Randall County, where it was surveyed by WFO Amarillo.  LYNN COUNTY 1.0 N ODONNELL [32.98, -101.83]  03/13/21 16:20 CST 0 Thunderstorm Wind (MG 53 kt) 03/13/21 16:20 CST 0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 4.5 SE FURGUSON STA [34.08, -101.70] 03/13/21 16:21 CST 0 Tornado (EFU, L: 0.04 mi , W: 20 yd) 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49] 03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)	SWISHER COUNTY 6.7 E HAPPY			0	Torpado (EE0 1: 1.57 mi W: 50 vd)
power poles near the intersection of County Road B and County Road 16. This tornado crossed into Randall County, where it was surveyed by WFO Amarillo.  LYNN COUNTY 1.0 N ODONNELL [32.98, -101.83]  03/13/21 16:20 CST  0 Thunderstorm Wind (MG 53 kt) 03/13/21 16:20 CST  0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 4.5 SE FURGUSON STA [34.08, -101.70] 03/13/21 16:21 CST 0 Tornado (EFU, L: 0.04 mi , W: 20 yd) 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49] 03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)	SWISHER COUNTY 6.7 E HAPP	03/13/21 16:05 CST	•		
03/13/21 16:20 CST 0 Thunderstorm Wind (MG 53 kt) 03/13/21 16:20 CST 0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 4.5 SE FURGUSON STA [34.08, -101.70] 03/13/21 16:21 CST 0 Tornado (EFU, L: 0.04 mi , W: 20 yd) 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49] 03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)	SWISHER COUNTY 6.7 E HAPP'	03/13/21 16:05 CST	•		
03/13/21 16:20 CST 0 Source: Mesonet  A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 4.5 SE FURGUSON STA [34.08, -101.70] 03/13/21 16:21 CST 0 Tornado (EFU, L: 0.04 mi , W: 20 yd) 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49] 03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)	This EF-0 tornado was video record power poles near the intersection of	03/13/21 16:05 CST 03/13/21 16:08 CST led by storm chasers over rural areas of Sw f County Road B and County Road 16. This	visher County east	0 of Happy. The only	Source: NWS Storm Survey
A Texas Tech University West Texas mesonet site near O'Donnell measured a wind gust to 61 mph.  HALE COUNTY 4.5 SE FURGUSON STA [34.08, -101.70]  03/13/21 16:21 CST 0 Tornado (EFU, L: 0.04 mi , W: 20 yd) 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49] 03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)	This EF-0 tornado was video record power poles near the intersection of County, where it was surveyed by W	03/13/21 16:05 CST 03/13/21 16:08 CST led by storm chasers over rural areas of Sw f County Road B and County Road 16. This VFO Amarillo.  L [32.98, -101.83]	visher County east	0 of Happy. The only nto Randall	Source: NWS Storm Survey  damage observed were two broken
HALE COUNTY 4.5 SE FURGUSON STA [34.08, -101.70] 03/13/21 16:21 CST 0 Tornado (EFU, L: 0.04 mi , W: 20 yd) 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49] 03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)	This EF-0 tornado was video record power poles near the intersection of County, where it was surveyed by W	03/13/21 16:05 CST 03/13/21 16:08 CST led by storm chasers over rural areas of Sw f County Road B and County Road 16. This VFO Amarillo.  L [32.98, -101.83] 03/13/21 16:20 CST	visher County east	0 of Happy. The only nto Randall 0	Source: NWS Storm Survey  damage observed were two broken  Thunderstorm Wind (MG 53 kt)
03/13/21 16:21 CST 0 Tornado (EFU, L: 0.04 mi , W: 20 yd) 03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49] 03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)	This EF-0 tornado was video record power poles near the intersection of County, where it was surveyed by W	03/13/21 16:05 CST 03/13/21 16:08 CST  led by storm chasers over rural areas of Sw f County Road B and County Road 16. This VFO Amarillo.  L [32.98, -101.83] 03/13/21 16:20 CST 03/13/21 16:20 CST	visher County east s tornado crossed ii	0 of Happy. The only nto Randall 0 0	Source: NWS Storm Survey  damage observed were two broken  Thunderstorm Wind (MG 53 kt)
03/13/21 16:21 CST 0 Source: Storm Chaser  A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49]  03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)	This EF-0 tornado was video record power poles near the intersection of County, where it was surveyed by W  LYNN COUNTY 1.0 N ODONNEL  A Texas Tech University West Texa	03/13/21 16:05 CST 03/13/21 16:08 CST led by storm chasers over rural areas of Sw f County Road B and County Road 16. This VFO Amarillo.  LL [32.98, -101.83] 03/13/21 16:20 CST 03/13/21 16:20 CST as mesonet site near O'Donnell measured a	visher County east s tornado crossed ii	0 of Happy. The only nto Randall 0 0	Source: NWS Storm Survey  damage observed were two broken  Thunderstorm Wind (MG 53 kt)
A storm chaser photographed a brief tornado to the south of Plainview in an open field.  HALE COUNTY 11.0 E SETH WARD [34.23, -101.49]  03/13/21 16:46 CST  0 Tornado (EFU, L: 0.05 mi , W: 20 yd)	This EF-0 tornado was video record power poles near the intersection of County, where it was surveyed by WALYNN COUNTY 1.0 N ODONNEL A Texas Tech University West Texa	03/13/21 16:05 CST 03/13/21 16:08 CST led by storm chasers over rural areas of Sw f County Road B and County Road 16. This VFO Amarillo.  LL [32.98, -101.83] 03/13/21 16:20 CST 03/13/21 16:20 CST as mesonet site near O'Donnell measured a	visher County east s tornado crossed ii	0 of Happy. The only nto Randall 0 0	Source: NWS Storm Survey  damage observed were two broken  Thunderstorm Wind (MG 53 kt)  Source: Mesonet
03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)	This EF-0 tornado was video record power poles near the intersection of County, where it was surveyed by W  LYNN COUNTY 1.0 N ODONNEL  A Texas Tech University West Texa	03/13/21 16:05 CST 03/13/21 16:08 CST led by storm chasers over rural areas of Sw f County Road B and County Road 16. This VFO Amarillo.  LL [32.98, -101.83] 03/13/21 16:20 CST 03/13/21 16:20 CST as mesonet site near O'Donnell measured a	visher County east s tornado crossed ii	0 of Happy. The only nto Randall  0 0 ph.	Source: NWS Storm Survey  damage observed were two broken  Thunderstorm Wind (MG 53 kt) Source: Mesonet  Tornado (EFU, L: 0.04 mi , W: 20 yd)
03/13/21 16:46 CST 0 Tornado (EFU, L: 0.05 mi , W: 20 yd)	This EF-0 tornado was video record power poles near the intersection of County, where it was surveyed by W LYNN COUNTY 1.0 N ODONNEL A Texas Tech University West Texa HALE COUNTY 4.5 SE FURGUS	03/13/21 16:05 CST 03/13/21 16:08 CST  led by storm chasers over rural areas of Sw of County Road B and County Road 16. This VFO Amarillo.  LL [32.98, -101.83] 03/13/21 16:20 CST 03/13/21 16:20 CST as mesonet site near O'Donnell measured a  GON STA [34.08, -101.70] 03/13/21 16:21 CST 03/13/21 16:21 CST	visher County east tornado crossed in a wind gust to 61 m	0 of Happy. The only nto Randall  0 0 ph.	Source: NWS Storm Survey  damage observed were two broken  Thunderstorm Wind (MG 53 kt) Source: Mesonet  Tornado (EFU, L: 0.04 mi , W: 20 yd)
	This EF-0 tornado was video record power poles near the intersection of County, where it was surveyed by W LYNN COUNTY 1.0 N ODONNEL A Texas Tech University West Texa HALE COUNTY 4.5 SE FURGUS A storm chaser photographed a brie	03/13/21 16:05 CST 03/13/21 16:08 CST  led by storm chasers over rural areas of Sw f County Road B and County Road 16. This VFO Amarillo.  LL [32.98, -101.83] 03/13/21 16:20 CST 03/13/21 16:20 CST as mesonet site near O'Donnell measured a  SON STA [34.08, -101.70] 03/13/21 16:21 CST 03/13/21 16:21 CST	visher County east tornado crossed in a wind gust to 61 m	0 of Happy. The only nto Randall  0 0 ph.	Source: NWS Storm Survey  damage observed were two broken  Thunderstorm Wind (MG 53 kt) Source: Mesonet  Tornado (EFU, L: 0.04 mi , W: 20 yd)
5 Courter Stelling Cour	This EF-0 tornado was video record power poles near the intersection of County, where it was surveyed by W LYNN COUNTY 1.0 N ODONNEL A Texas Tech University West Texa HALE COUNTY 4.5 SE FURGUS	03/13/21 16:05 CST 03/13/21 16:08 CST  led by storm chasers over rural areas of Sw f County Road B and County Road 16. This VFO Amarillo.  LL [32.98, -101.83] 03/13/21 16:20 CST 03/13/21 16:20 CST as mesonet site near O'Donnell measured a  SON STA [34.08, -101.70] 03/13/21 16:21 CST 03/13/21 16:21 CST ef tornado to the south of Plainview in an ope ARD [34.23, -101.49]	visher County east tornado crossed in a wind gust to 61 m	0 of Happy. The only nto Randall  0 0 ph.	Source: NWS Storm Survey damage observed were two broken  Thunderstorm Wind (MG 53 kt) Source: Mesonet  Tornado (EFU, L: 0.04 mi , W: 20 yd) Source: Storm Chaser

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GARZA COUNTY 5.4 SSW	GRAHAM CHAPEL [33.08, -101.52]			
	03/13/21 16:53 CST		0	Thunderstorm Wind (MG 53 kt)
	03/13/21 16:54 CST		0	Source: Mesonet
A Texas Tech University West	Texas mesonet site near Graham measured a w	vind gust to 61 mp	h.	
BRISCOE COUNTY 2.1 SW	SILVERTON [34.45, -101.33]			
	03/13/21 17:08 CST		0	Tornado (EFU, L: 0.06 mi , W: 20 yd)
	03/13/21 17:08 CST		0	Source: Storm Chaser
A storm chaser photographed	a brief tornado about two miles southwest of Silv	verton in an open f	ield.	
BRISCOE COUNTY 7.0 ESI	E SILVERTON [34.43, -101.19]			
	03/13/21 17:15 CST		0	Thunderstorm Wind (MG 51 kt)
	03/13/21 17:15 CST		0	Source: Mesonet
A Texas Tech University West	Texas mesonet site near Silverton measured a	wind gust to 59 mp	bh.	
DICKENS COUNTY 3.0 NN	W MC ADOO [33.77, -101.00]			
	03/13/21 17:51 CST		0	Thunderstorm Wind (MG 53 kt)
	03/13/21 17:51 CST		0	Source: Mesonet

A Texas Tech University West Texas mesonet site near McAdoo measured a wind gust to 61 mph.

An intense upper level low slowly moving east near the four corners region Saturday afternoon resulted in an outbreak of tornadic thunderstorms across the Panhandle and South Plains of West Texas. An upper level jet streak rotating around the upper low enhanced large scale lift across the region by the afternoon hours. Surface cyclogenesis in the Texas Panhandle drew the surface warm sector northward. Initial thunderstorm development occurred along a dryline located roughly along the US Highway 385 corridor. Storms quickly became severe as they moved into a very unstable airmass characterized by mixed layer CAPEs of 1500-2000 J/kg. Very strong effective layer shear and low level helicities were conducive to produce tornadic supercells. A NWS storm survey reviewed three tornado paths from the 13th. The largest and longest duration tornado developed to the west-southwest of the town of Happy (Swisher County) and had a maximum damage rating of EF-1. This tornado extended well into the Texas Panhandle where it caused EF-2 damaged as determined by a survey by the NWS Weather Forecast Office in Amarillo. Another tornado north of Hart passed near a Texas Tech University West Texas mesonet recording a wind gust to 87 mph. A total of eight tornados were observed this day with three given EF ratings. The remaining five tornadoes were given ratings of EF-Unknown due to no survey being conducted and no reports of damage.

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



Photograph of a snapped off power pole west of Happy near the intersection of County Road C and County Road 3. Photograph taken by an NWS storm survey team.

<b>COTTLE COUNTY</b>	CEE VEE	[34.22, -100.45]	1
OCT ILL COUNT	OLL VLL	[07.22, -100.70]	

03/16/21 18:15 CST 0 Hail (1.75 in)

03/16/21 18:15 CST 0 Source: Trained Spotter

A trained weather spotter reported golf ball size hail in the town of Cee Vee. No damage was reported.

CHILDRESS COUNTY --- CHILDRESS [34.42, -100.20]

03/16/21 18:55 CST 0 Hail (1.50 in)

03/16/21 18:55 CST 0 Source: Trained Spotter

A trained weather spotter reported ping pong size hail in the city of Childress. No damage was reported.

A potent and compact upper level low was located near the Four Corners region on the afternoon of the 16th. Strong surface cyclogenesis developed in the eastern Texas Panhandle this day allowing the dryline to surge well into the Rolling Plains. Higher dew points surged northward east of the dryline allowing for strong instability by late afternoon from the eastern Rolling Plains into the extreme southeastern Texas Panhandle. Although the atmosphere was weakly capped, strong height falls aloft allowed a couple of thunderstorms to develop in Cottle and Childress Counties. These storms did not persist for very long but were able to produce hail up to the size of golf balls.

(TX-Z022) CASTRO, (TX-Z023) SWISHER, (TX-Z024) BRISCOE, (TX-Z025) HALL, (TX-Z026) CHILDRESS, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z031) MOTLEY, (TX-Z032) COTTLE, (TX-Z035) LUBBOCK, (TX-Z036) CROSBY, (TX-Z037) DICKENS, (TX-Z042) GARZA

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/17/21 05:00 CST	injunes	0 0	High Wind (MAX 57 kt)
	03/17/21 16:00 CST		0	
A strong upper level low pressure system move strong cold front moved through during the ear pressure gradient. The highest winds extended	ly morning hours and brough	t widespread hig	h winds to the are	a due to a strong
Highest wind gusts in each County from the Tex	as Tech University West Tex	as mesonet follo	w:	
66 mph at White River Lake (Crosby County), 64 mph at Memphis (Hall County), and Reese Center (Lubbock County), 61 mph at Plainview and Aiken (Hale County), 59 mph at Hart (Castro County), 58 mph at Silverton (Briscoe County), McAdoo (Dickens County), Graham (Garza County), and Floydada (Floyd County).				
Sustained high winds of 40 mph or greater were Childress Municipal Airport Automated Surface	<del>-</del>	exas Tech Univer	sity West Texas m	eosnet sites and the
50 mph at Vigo Park (Swisher County), 44 mph at Olton (Lamb County), and Roaring Sp 41 mph at Childress (Childress County), and Pa				
GARZA COUNTY 5.4 SSW GRAHAM CHAPEL	. [33.08, -101.52]			
	03/22/21 12:51 CST		0	Thunderstorm Wind (MG 66 kt)
	03/22/21 12:53 CST		0	Source: Mesonet
A Texas Tech University West Texas mesonet site measured at 1251 CST.	e near Graham measured seve	ere wind gusts fro	m 1251 to 1253 CS	ST. A peak wind gust of 76 mph was
CROSBY COUNTY CROSBYTON [33.67, -101.	25]			
	03/22/21 13:13 CST		0	Hail (1.00 in)
	03/22/21 13:13 CST		0	Source: Law Enforcement
Crosby County law enforcement reported quarter	size hail in the city of Crosbyto	n.		
DICKENS COUNTY DICKENS [33.62, -100.83]				
	03/22/21 13:43 CST		0	Thunderstorm Wind (EG 56 kt)
	03/22/21 13:43 CST		0	Source: Law Enforcement
The Dickens County Sheriff's Office reported that	a carport had been blown dow	n in Dickens and	a roof was blown o	ff of a home.
MOTLEY COUNTY 2.0 NNE SUMMIT [34.00, -1	00.61]			
	03/22/21 14:10 CST		0	Hail (0.75 in)
	03/22/21 14:10 CST		0	Source: Fire Department/Rescue
(TX-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX- (TX-Z042) GARZA	Z035) LUBBOCK, (TX-Z036) C	CROSBY, (TX-Z03	39) YOAKUM, (TX-	Z040) TERRY, (TX-Z041) LYNN,
( ) Or were	03/22/21 14:45 CST		0	High Wind (MAX 67 kt)
	03/22/21 18:17 CST		0	
(TX-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-	Z035) LUBBOCK, (TX-Z039) Y	OAKUM, (TX-Z0	40) TERRY, (TX-Z0	41) LYNN, (TX-Z042) GARZA
	03/22/21 14:45 CST		0	Dust Storm
	03/22/21 17:31 CST		0	
COTTLE COUNTY A 0 S DADUCAU (22 CC 42	in 201			
COTTLE COUNTY 4.0 S PADUCAH [33.96, -10	03/22/21 18:44 CST		0	Tornado (EFU, L: 0.01 mi , W: 20 yd)
	03/22/21 18:44 CST		0	Source: Trained Spotter
				·

A trained spotter recorded a video of a brief tornado south of Paducah along the leading edge of a thunderstorm.

A strong upper level storm system brought both severe weather and a haboob with strong winds to the region. This storm system moved eastward over central New Mexico on the afternoon of the 22nd bringing very strong lift overhead. The lift encountered better

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Location Date/Time Deaths & Property & Event Type and Details

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moisture over the central South Plains bringing scattered showers and thunderstorms. Many locations received hail with the largest reported hail in Crosbyton (Crosby County) of quarter size. Scattered thunderstorms intensified into a line as they moved eastward during the afternoon hours also bringing severe wind gusts. Additional showers and thunderstorms developed underneath the center of the low in eastern New Mexico in the afternoon. Very dry surface air was present in eastern New Mexico which helped generate an intense outflow that raced from southeastern New Mexico across the southern South Plains and southern Rolling Plains. Wind gusts in excess of 70 mph lofted copious amounts of blowing dust and generated a haboob. The wall of dust dropped the visibility to near zero as it moved through.

High wind gusts from the Texas Tech University West Texas mesonet follow:

77 mph at Plains (Yoakum County),

76 mph at Slaton (Lubbock County), and Graham (Garza County),

74 mph at Sundown (Cochran County),

73 mph at Denver City (Yoakum County), and Brownfield (Terry County),

67 mph at Wolfforth (Lubbock County),

65 mph at Levelland (Hockley County),

61 mph at O'Donnell (Lynn County),

60 mph at Post (Garza County),

59 mph at New Home and Tahoka (Lynn County), and White River Lake (Crosby County).



A wall of dust (haboob) rolling through Hobbs, New Mexico on the afternoon of the 22nd. Photograph is courtesy of @BLD\_BTH on twitter.

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