

Storm Data and Unusual Weather Phenomena - March 2021

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

(OK-Z003) BEAVER

	03/01/21 00:00 CST	0	Drought
	03/31/21 23:59 CST	0	

During the month of March, the southwest Texas Panhandle and areas south and west on the High Plains continued to slip deeper into drought. Soil moisture was a big concern going through the month as farmers had to start planning for the planting season. The long duration of drought thus far in some of the areas around the combined Panhandles had created concern even for irrigated fields, as well water has been declining greatly. Not to mention the very little hope of planting in fields not irrigated where soil moisture has been poor to non-existent. A few storms and even a late season snow storm brought some moisture to the area. The northern parts of Randall County in Texas and Cimarron county in Oklahoma saw some improvements from these events.

(OK-Z002) TEXAS

	03/01/21 14:34 CST	0	Wildfire
	03/01/21 18:00 CST	0	

A ongoing moderate drought along with 40 mph or higher winds, and low relative humidity values combined to contribute to a high fire danger day. A large wildfire over the northwest portion of Texas County in the Oklahoma Panhandle burned in a very short time.

(OK-Z002) TEXAS

	03/04/21 15:21 CST	0	Wildfire
	03/04/21 23:00 CST	0	

Gusty southerly winds in the afternoon which then shifted to the northwest and north behind a cold front during the evening and remained strong and gusty, along with low relative humidity values near 20 percent, and extremely dry conditions all contributed to an increased fire threat in the central Oklahoma Panhandle.

BEAVER COUNTY --- 4.1 NNW LOGAN [36.62, -100.26]

	03/13/21 20:20 CST	0	Thunderstorm Wind (MG 52 kt)
	03/13/21 20:20 CST	0	Source: Mesonet

BEAVER COUNTY --- 1.5 SSW BEAVER [36.80, -100.53]

	03/13/21 21:00 CST	0	Thunderstorm Wind (MG 51 kt)
	03/13/21 21:00 CST	0	Source: Mesonet

A very potent upper level system produced widespread hazards from heavy snow across the front range/Rockies to severe weather across the Southern High Plains. In the Texas Panhandle, eight confirmed tornadoes occurred and the northern edge of the severe thunderstorms with this event impacted portions of the Oklahoma Panhandle.

(OK-Z001) CIMARRON

	03/17/21 02:20 CST	0	High Wind (MAX 39 kt)
	03/17/21 04:20 CST	0	

(OK-Z002) TEXAS, (OK-Z003) BEAVER

	03/17/21 03:00 CST	0	Winter Storm
	03/17/21 17:00 CST	0	

A dynamic storm system brought high winds and a heavy wet snow on the 17th of March 2021. This combination led to blizzard conditions in some areas and near blizzard conditions in others. Travel was impacted area wide and isolated power outages were reported. Some areas got well above 6 inches of snow with drifts of one to two feet. The day prior this same system produced severe thunderstorms capable of one inch diameter hail and wind gusts well over 60 mph in the eastern Texas Panhandle.

TEXAS, North Panhandle

(TX-Z016) DEAF SMITH, (TX-Z017) RANDALL COUNTY, (TX-Z018) ARMSTRONG

	03/01/21 00:00 CST	0	Drought
	03/31/21 23:59 CST	0	

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During the month of March, the southwest Texas Panhandle and areas south and west on the High Plains continued to slip deeper into drought. Soil moisture was a big concern going through the month as farmers had to start planning for the planting season. The long duration of drought thus far in some of the areas around the combined Panhandles had created concern even for irrigated fields, as well water has been declining greatly. Not to mention the very little hope of planting in fields not irrigated where soil moisture has been poor to non-existent. A few storms and even a late season snow storm brought some moisture to the area. The northern parts of Randall County in Texas and Cimarron county in Oklahoma saw some improvements from these events. However, the far southwest Texas Panhandle missed out on a lot of the moisture.

(TX-Z015) WHEELER

03/01/21 00:00 CST	0	Drought
03/16/21 13:00 CST	0	

During the month of March, the southwest Texas Panhandle and areas south and west on the High Plains continued to slip deeper into drought. Soil moisture was a big concern going through the month as farmers had to start planning for the planting season. The long duration of drought thus far in some of the areas around the combined Panhandles had created concern even for irrigated fields, as well water has been declining greatly. Not to mention the very little hope of planting in fields not irrigated where soil moisture has been poor to non-existent. A few storms and even a late season snow storm brought some moisture to the area. The northern parts of Randall County in Texas and Cimarron county in Oklahoma saw some improvements from these events.

(TX-Z006) HARTLEY

03/01/21 00:00 CST	0	Drought
03/23/21 12:00 CST	0	

During the month of March, the southwest Texas Panhandle and areas south and west on the High Plains continued to slip deeper into drought. Soil moisture was a big concern going through the month as farmers had to start planning for the planting season. The long duration of drought thus far in some of the areas around the combined Panhandles had created concern even for irrigated fields, as well water has been declining greatly. Not to mention the very little hope of planting in fields not irrigated where soil moisture has been poor to non-existent. A few storms and even a late season snow storm brought some moisture to the area. The northern parts of Randall County in Texas and Cimarron county in Oklahoma saw some improvements from these events. However, Deaf Smith County in Texas missed out on a lot of the moisture.

HUTCHINSON COUNTY --- FRITCH [35.63, -101.60]

03/12/21 20:02 CST	0	Hail (1.25 in)
03/12/21 20:02 CST	0	Source: Public

MOORE COUNTY --- 2.9 ESE LAKE MEREDITH [35.64, -101.62]

03/12/21 20:03 CST	0	Hail (1.00 in)
03/12/21 20:03 CST	0	Source: Trained Spotter

HUTCHINSON COUNTY --- 1.5 NNE FRITCH [35.65, -101.59]

03/12/21 20:09 CST	0	Hail (0.88 in)
03/12/21 20:09 CST	0	Source: Public

HUTCHINSON COUNTY --- 4.0 WSW SANFORD [35.70, -101.54]

03/12/21 20:12 CST	0	Hail (1.25 in)
03/12/21 20:12 CST	0	Source: Public

HUTCHINSON COUNTY --- 0.9 NW HUTCHINSON CO ARPT [35.71, -101.41]

03/12/21 20:25 CST	0	Hail (1.25 in)
03/12/21 20:25 CST	0	Source: Trained Spotter

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

03/12/21 22:11 CST	0	Hail (1.00 in)
03/12/21 22:11 CST	0	Source: Emergency Manager

During the late evening hours on the 12th of March 2021, an upper level disturbance came across the combined Panhandles bring some isolated to scattered thunderstorms. A few of these storms hit just enough instability where the storms became severe dropping hail between 1 and 1.25 inches in diameter.

RANDALL COUNTY --- 13.3 SE BUFFALO LAKE [34.75, -101.94], 5.4 W PALO DURO CANYON STATE PARK [34.95, -101.76]

Storm Data and Unusual Weather Phenomena - March 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/13/21 15:26 CST		0.60M	Tornado (EF2, L: 17.20 mi , W: 1000 yd)
	03/13/21 16:00 CST		0	Source: NWS Storm Survey

This tornado was a continuation from Swisher County. The tornado damaged numerous electrical transmission lines with power poles snapped along the path. Several homes sustained significant roof damage. One home lost large sections of roof decking material and this together with a collapsed cell phone tower led to an EF2 rating. Otherwise, damage to power poles, out buildings, trees, and fencing suggested EF0 to EF1 ratings along the tornado path. This tornado handed off to a new tornado - the Palo Duro Canyon to Washburn tornado - just east of its path and both tornadoes occurred simultaneously for several minutes before the first tornado dissipated.

RANDALL COUNTY --- 12.4 S CANYON [34.80, -101.91], 11.0 SSE CANYON [34.82, -101.88]

03/13/21 15:31 CST	0	Tornado (EF1, L: 2.50 mi , W: 500 yd)
03/13/21 15:36 CST	0	Source: NWS Storm Survey

A brief secondary tornado was documented by storm chasers and residents in the area with video and photographs. This tornado was just north of the main tornado and appears to have been quickly absorbed by the larger circulation. The tornado damaged a barn and several power lines along its short track.

RANDALL COUNTY --- 11.8 SSE CANYON [34.82, -101.86], 10.1 SSE CANYON [34.86, -101.82]

03/13/21 15:37 CST	30K	Tornado (EF1, L: 3.54 mi , W: 100 yd)
03/13/21 15:42 CST	0	Source: NWS Storm Survey

This satellite tornado occurred south of the main large tornado that was ongoing at the time. Radar and chaser reports/video suggest it was an anticyclonic tornado that occurred on the southern edge of the storms rear flank downdraft. A brief radar debris signature was noted after the tornado crossed the interstate. The tornado snapped power poles along I-27, south of the main tornado track, but no other notable damage occurred as it remained in open ranch and grassland country otherwise.

RANDALL COUNTY --- 3.7 WNW PALO DURO CANYON STATE PARK [34.98, -101.73], 5.6 NNE PALO DURO CANYON STATE PARK [35.02, -101.62]

03/13/21 15:48 CST	0.30M	Tornado (EF1, L: 6.61 mi , W: 800 yd)
03/13/21 16:04 CST	0	Source: NWS Storm Survey

The original tornado - Happy to Palo Duro Canyon - associated with this tornado's parent supercell handed off to this second major tornado. Storm chaser video and damage patterns suggest the tornado was either multi-vortex or that multiple satellites may have occurred. Both the original and newly developing tornadoes were briefly on the ground simultaneously. This tornado was narrow initially and possibly consisted of multiple cones as it damaged camp grounds around the rim of Palo Duro State Park. One cabin sustained EF1 damage as its roof was completely removed. A porch likely caught the wind and aided in the damage of the roof, which is why this tornado was not rated higher. Several travel trailers were flipped and one was destroyed at another campground, but none of these trailers were anchored. Minor damage occurred to weaker structures at the state park entrance and there was notable tree damage as well. The tornado crossed the canyon and grew large on the east side, but remained in very rural country. Another rapid and complicated tornado handoff to the Palo Duro Canyon to Washburn tornado occurred east of the canyon around the Randall/Armstrong County line near the intersection of 1258 and Goathead Road as a new circulation took over.

MOORE COUNTY --- 0.9 NE DUMAS [35.86, -101.96]

03/13/21 15:58 CST	0	Hail (1.00 in)
03/13/21 16:01 CST	0	Source: Fire Department/Rescue

ARMSTRONG COUNTY --- 5.5 S WASHBURN [35.10, -101.58]

03/13/21 15:59 CST	0	Hail (0.75 in)
03/13/21 15:59 CST	0	Source: Public

RANDALL COUNTY --- 2.8 N LAKE TANGLEWOOD [35.10, -101.78]

03/13/21 16:00 CST	0	Hail (1.50 in)
03/13/21 16:00 CST	0	Source: County Official

RANDALL COUNTY --- 3.0 NNW PALO DURO CANYON STATE PARK [34.99, -101.69]

03/13/21 16:03 CST	0	Thunderstorm Wind (MG 66 kt)
03/13/21 16:05 CST	0	Source: Mesonet

Mesonet reported 3, one min observations ranging from 68 to 76 mph gusts.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARMSTRONG COUNTY --- 11.2 SSW WASHBURN [35.02, -101.62], 10.0 S WASHBURN [35.04, -101.60]				
	03/13/21 16:04 CST		20K	Tornado (EF1, L: 1.55 mi , W: 800 yd)
	03/13/21 16:14 CST		0	Source: NWS Storm Survey
<p>This is a continuation of a tornado that started in Randall County. After crossing Palo Duro Canyon and the county line, the tornado stayed in open county and did minimal damage. It performed another rapid and complicated tornado handoff to the Palo Duro Canyon to Washburn tornado very close to the county line near the intersection of 1258 and Goathead Road as a new circulation took over.</p>				
RANDALL COUNTY --- 4.5 NNE PALO DURO CANYON STATE PARK [35.01, -101.64], 6.0 NNE PALO DURO CANYON STATE PARK [35.03, -101.63]				
	03/13/21 16:06 CST		0	Tornado (EF0, L: 1.66 mi , W: 1000 yd)
	03/13/21 16:12 CST		0	Source: NWS Storm Survey
<p>The supercell underwent another odd handoff from the Palo Duro Canyon tornado near Highway 1258 which was documented by storm chasers in the area. Again, both the initial and new developing tornado co-existed for a period of time creating a wide damage path Near County Road 1 in Armstrong County. This tornado path remained in very rural country with few damage indicators and was likely stronger than suggested by the very limited rating. Along the path the tornado snapped a few small diameter power poles and destroyed a couple out buildings. It also pushed over a semi before it dissipated just north of Highway 287.</p>				
RANDALL COUNTY --- 14.1 S PALO DURO CANYON STATE PARK [34.75, -101.71], 13.0 S PALO DURO CANYON STATE PARK [34.76, -101.69]				
	03/13/21 16:08 CST		0	Tornado (EF0, L: 1.66 mi , W: 50 yd)
	03/13/21 16:11 CST		0	Source: NWS Storm Survey
<p>This tornado was photographed by storm chasers positioned east of the area as it crossed the Swisher county line into Randall County. No damaged was observed and the tornado lifted relatively quickly.</p>				
ARMSTRONG COUNTY --- 10.7 SSW WASHBURN [35.03, -101.63], 3.0 E WASHBURN [35.17, -101.53]				
	03/13/21 16:12 CST		30K	Tornado (EF0, L: 11.30 mi , W: 1000 yd)
	03/13/21 16:34 CST		0	Source: NWS Storm Survey
<p>Continuation from a tornado that started in Randall County. The supercell underwent another odd handoff from the Palo Duro Canyon tornado near Highway 1258 which was documented by storm chasers in the area. Again, both the initial and new developing tornado co-existed for a period of time creating a wide damage path Near County Road 1 in Armstrong County. This tornado path remained in very rural country with few damage indicators and was likely stronger than suggested by the very limited rating. Along the path the tornado snapped a few small diameter power poles and destroyed a couple out buildings. It also pushed over a semi before it dissipated just north of Highway 287.</p>				
RANDALL COUNTY --- 1.1 E PALO DURO CANYON STATE PARK [34.95, -101.65]				
	03/13/21 16:22 CST		0	Hail (1.50 in)
	03/13/21 16:23 CST		0	Source: Public
ARMSTRONG COUNTY --- 0.5 SW CLAUDE [35.12, -101.38], 1.1 ESE CLAUDE [35.12, -101.35], 1.9 SSE CLAUDE [35.10, -101.35], 1.6 SSW CLAUDE [35.10, -101.38]				
	03/13/21 16:30 CST		5K	Flood (due to Heavy Rain)
	03/13/21 18:00 CST		0	Source: Public
<p>Minor street flooding in the city of Claude. Some accumulating hail being reported as well. Lasted from about 1630 CST to 1800 CST.</p>				
ARMSTRONG COUNTY --- 2.1 SSW CLAUDE [35.09, -101.38], 3.5 ESE CLAUDE [35.11, -101.31]				
	03/13/21 16:32 CST		0	Hail (1.75 in)
	03/13/21 16:47 CST		0	Source: Public
<p>A severe thunderstorm dropped large hail from penny size to golf ball size hail across the city of Claude.</p>				
DONLEY COUNTY --- 0.8 SE HOWARDWICK [35.06, -100.91], 2.2 ESE HOWARDWICK [35.06, -100.88], 2.7 SE HOWARDWICK [35.05, -100.88], 1.7 SSE HOWARDWICK [35.05, -100.91]				
	03/13/21 16:40 CST		1K	Flood (due to Heavy Rain)
	03/13/21 17:40 CST		1K	Source: Public
<p>Significant street flooding occurred due to heavy rainfall with severe thunderstorms in the area.</p>				
CARSON COUNTY --- 1.8 SW PANHANDLE [35.33, -101.40]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/13/21 16:50 CST		0	Hail (2.75 in)
	03/13/21 16:51 CST		0	Source: Public
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ARMSTRONG COUNTY --- 6.9 NNW GOODNIGHT [35.13, -101.24], 8.7 ENE CLAUDE [35.17, -101.23]				
	03/13/21 17:02 CST		0	Tornado (EFU, L: 3.11 mi , W: 800 yd)
	03/13/21 17:11 CST		0	Source: NWS Storm Survey
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The track of this tornado is not accessible by road, but was noted on radar and documented by storm chasers in the area.				
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DONLEY COUNTY --- 1.2 NNW CLARENDON [34.95, -100.91], 1.8 NE CLARENDON [34.95, -100.88], 1.4 E CLARENDON [34.93, -100.88], 0.6 WSW CLARENDON [34.93, -100.91]				
	03/13/21 17:28 CST		20K	Flood (due to Heavy Rain)
	03/13/21 18:28 CST		10K	Source: Public
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GRAY COUNTY --- 0.7 SW ALANREED [35.21, -100.74], 0.5 SSE ALANREED [35.21, -100.73], 0.9 SSE ALANREED [35.21, -100.73], 1.0 SW ALANREED [35.21, -100.74]				
	03/13/21 17:47 CST		0	Flood (due to Heavy Rain)
	03/13/21 18:47 CST		0	Source: Public
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Significant street flooding occurred due to heavy rainfall with severe thunderstorms in the area.				
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DONLEY COUNTY --- 3.5 SSW CLARENDON [34.89, -100.93], 4.1 ESE HOWARDWICK [35.05, -100.85]				
	03/13/21 17:48 CST		0.25M	Tornado (EF2, L: 13.22 mi , W: 1200 yd)
	03/13/21 18:12 CST		0	Source: NWS Storm Survey
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A tornado touched down on the southwest side of Clarendon, continuing through Greenbelt Reservoir before dissipating northeast of Howardwick. Minor damage to homes and Clarendon College was observed on the west side of Clarendon. The tornado took on a wider path and strengthened as it progressed toward Greenbelt Reservoir causing considerable damage to mobile homes, recreational vehicles, and boating facilities. In addition, several power poles of varying sizes were downed and many trees were snapped in the area.				
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DONLEY COUNTY --- 0.4 NNW CLARENDON [34.93, -100.90], 1.2 N CLARENDON [34.95, -100.90]				
	03/13/21 17:51 CST		30K	Tornado (EF0, L: 0.95 mi , W: 40 yd)
	03/13/21 17:52 CST		0	Source: NWS Storm Survey
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A brief tornado occurred on the western side of the city of Clarendon. This tornado was rain wrapped, but was observed by several chasers in the area. The tornado produced damage consistent with 80 to 85 mph winds, damaging several homes, trees, and sheds. Approximately 10 homes suffered shingle damage to roofs, while multiple trees were downed. Near the narrow path of this tornado, straight line winds caused damage to a scoreboard at a nearby baseball field.				
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GRAY COUNTY --- 1.4 N PAMPA [35.55, -100.97], 2.7 NE PAMPA [35.56, -100.94]				
	03/13/21 19:27 CST		0	Hail (1.00 in)
	03/13/21 19:28 CST		0	Source: Emergency Manager
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GRAY COUNTY --- 5.1 W LAKETON [35.55, -100.72]				
	03/13/21 19:56 CST		0	Hail (1.25 in)
	03/13/21 19:57 CST		0	Source: Storm Chaser
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Chasers said there was lots of quarter size to half dollar size hail stones. Hail accumulating on the ground up to 2 inches. Really strong winds estimating without descriptors about 70 to 80 mph.				
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ROBERTS COUNTY --- 0.6 W MIAMI [35.70, -100.64]				
	03/13/21 19:59 CST		0	Thunderstorm Wind (MG 70 kt)
	03/13/21 19:59 CST		0	Source: Storm Chaser
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Measured with weather instrument attached to storm chasers vehicle.				
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ROBERTS COUNTY --- 0.9 SW MIAMI [35.69, -100.64]				
	03/13/21 19:59 CST		0	Hail (1.00 in)
	03/13/21 20:00 CST		0	Source: Storm Chaser

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HEMPHILL COUNTY --- 1.1 NNW CANADIAN [35.91, -100.39], 1.1 NNE CANADIAN [35.91, -100.38], 0.5 NNE CANADIAN [35.91, -100.38], 0.7 NW CANADIAN [35.91, -100.39]				
	03/13/21 20:30 CST		5K	Flash Flood (due to Heavy Rain)
	03/13/21 20:53 CST		0	Source: Public
Twitter picture of a car halfway under water.				
HEMPHILL COUNTY --- 0.7 N CANADIAN [35.91, -100.38]				
	03/13/21 20:44 CST		0	Hail (1.00 in)
	03/13/21 20:44 CST		0	Source: Public
HEMPHILL COUNTY --- CANADIAN HEMPILL AR [35.90, -100.40]				
	03/13/21 20:53 CST		0	Thunderstorm Wind (MG 54 kt)
	03/13/21 20:55 CST		0	Source: AWOS
<p>A very potent upper level system produced widespread hazards from heavy snow across the front range/Rockies to severe weather across the Southern High Plains. The vigorous closed upper low was approached the Four Corners region from the west. A warm front lifted north and northwest across all but the Oklahoma Panhandle and the northwest Texas Panhandle while a sharpening dryline was located over eastern New Mexico. The dryline preceded a Pacific cold front which was also located in eastern New Mexico and swept eastward later in the evening. A broken line of thunderstorms developed ahead of the dryline in eastern New Mexico and tracked north and east into the western and southwestern Texas Panhandle before continuing to move east across the remainder of the eastern Panhandles during the evening hours, growing upscale as the Pacific cold front swept eastward and overtook the dryline. Nine confirmed tornadoes occurred early in the event during the afternoon hours and some of these were large, violent and were on the ground for long periods of time. Three separate instances occurred where two tornadoes were in progress from the same parent thunderstorm at the same time. While traveling across mostly rural areas, the tornadoes did impact several farm homes as well as Palo Duro State Park and Greenbelt Lake.</p>				
COLLINGSWORTH COUNTY --- 1.1 E WELLINGTON [34.85, -100.20]				
	03/16/21 19:02 CST		0	Hail (1.25 in)
	03/16/21 19:02 CST		0	Source: Public
HEMPHILL COUNTY --- 0.9 SW CANADIAN [35.89, -100.39]				
	03/16/21 20:14 CST		0	Hail (1.75 in)
	03/16/21 20:14 CST		0	Source: Public
HEMPHILL COUNTY --- 5.8 ENE CANADIAN [35.92, -100.28]				
	03/16/21 20:21 CST		0	Thunderstorm Wind (MG 50 kt)
	03/16/21 20:21 CST		0	Source: Mesonet
HUTCHINSON COUNTY --- 5.6 E BORGER [35.67, -101.28]				
	03/16/21 20:26 CST		0	Thunderstorm Wind (MG 59 kt)
	03/16/21 20:26 CST		0	Source: Mesonet
LIPSCOMB COUNTY --- 0.6 W HIGGINS [36.12, -100.03]				
	03/16/21 20:46 CST		0	Hail (1.00 in)
	03/16/21 20:46 CST		0	Source: Public
HEMPHILL COUNTY --- 11.4 E GLAZIER [36.03, -100.03]				
	03/16/21 20:50 CST		0	Hail (1.00 in)
	03/16/21 20:50 CST		0	Source: Public
HUTCHINSON COUNTY --- 1.3 WSW BORGER [35.66, -101.40]				
	03/16/21 20:57 CST		0	Hail (0.88 in)
	03/16/21 20:57 CST		0	Source: Public
HUTCHINSON COUNTY --- 5.6 E BORGER [35.67, -101.28]				
	03/16/21 21:07 CST		0	Thunderstorm Wind (MG 53 kt)
	03/16/21 21:07 CST		0	Source: Mesonet

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ROBERTS COUNTY --- 14.8 NW CODMAN [35.81, -100.91]				
	03/16/21 21:18 CST		0	Thunderstorm Wind (EG 61 kt)
	03/16/21 21:18 CST		0	Source: Law Enforcement
Law enforcement reported an overturned semi on U.S. Highway 70 near Antelope Road.				
LIPSCOMB COUNTY --- 15.1 W LIPSCOMB [36.21, -100.54]				
	03/16/21 22:00 CST		0	Hail (0.88 in)
	03/16/21 22:00 CST		0	Source: Public
GRAY COUNTY --- 2.1 NNW PAMPA [35.56, -100.98]				
	03/16/21 22:07 CST		0	Hail (1.50 in)
	03/16/21 22:07 CST		0	Source: Trained Spotter
HEMPHILL COUNTY --- 5.9 NW CANADIAN HEMPILL AR [35.97, -100.46]				
	03/16/21 22:09 CST		0	Thunderstorm Wind (EG 70 kt)
	03/16/21 22:15 CST		0	Source: Fire Department/Rescue
Emergency officials reported numerous power poles down and trees uprooted.				
GRAY COUNTY --- 5.3 SW PAMPA LEFORS ARPT [35.56, -101.06]				
	03/16/21 22:10 CST		0	Hail (1.00 in)
	03/16/21 22:10 CST		0	Source: Trained Spotter
OCHILTREE COUNTY --- 22.4 SSE PERRYTON MUNI ARPT [36.11, -100.57]				
	03/16/21 22:11 CST		0	Hail (1.00 in)
	03/16/21 22:11 CST		0	Source: Trained Spotter
HEMPHILL COUNTY --- 2.8 NNE CANADIAN [35.94, -100.37]				
	03/16/21 22:15 CST		0	Thunderstorm Wind (EG 70 kt)
	03/16/21 22:15 CST		0	Source: Law Enforcement
Downed power lines have forced the closure of US HWY 83 at the intersection of US HWY 60 and US HWY 83.				
HEMPHILL COUNTY --- 2.1 NNW GLAZIER [36.03, -100.24]				
	03/16/21 22:32 CST		0	Thunderstorm Wind (EG 74 kt)
	03/16/21 22:32 CST		0	Source: Law Enforcement
Law enforcement reported 18 train cars blown over.				
<p>A strong upper level low pressure system accompanied by a strong surface low provided some lift and instability across the eastern Texas Panhandle on the evening of the 16th. Several storms were able to produce severe hail up to 1.5 inches in diameter along with measured wind gusts up to 60 mph. Based on some damage in Ochiltree County during the late evening one storm put off a very strong outflow which is estimated to be around 80 to 85 mph winds toppling 18 train cars amongst downed powerlines and overturned semis. This same system eventually moved off to the east a bit bringing strong winds behind a cold front and snow the very next day.</p>				
(TX-Z001) DALLAM, (TX-Z002) SHERMAN, (TX-Z003) HANSFORD, (TX-Z004) OCHILTREE, (TX-Z005) LIPSCOMB, (TX-Z006) HARTLEY, (TX-Z007) MOORE, (TX-Z008) HUTCHINSON, (TX-Z009) ROBERTS, (TX-Z010) HEMPILL, (TX-Z011) OLDHAM, (TX-Z012) POTTER, (TX-Z013) CARSON, (TX-Z014) GRAY, (TX-Z015) WHEELER, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL COUNTY, (TX-Z018) ARMSTRONG				
	03/17/21 01:00 CST		0	Winter Storm
	03/17/21 16:00 CST		0	
(TX-Z002) SHERMAN, (TX-Z003) HANSFORD, (TX-Z008) HUTCHINSON, (TX-Z010) HEMPILL, (TX-Z011) OLDHAM, (TX-Z012) POTTER, (TX-Z014) GRAY, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL COUNTY, (TX-Z018) ARMSTRONG, (TX-Z019) DONLEY, (TX-Z020) COLLINGSWORTH				
	03/17/21 01:59 CST		0	High Wind (MAX 70 kt)
	03/17/21 13:30 CST		0	

A dynamic storm system brought high winds and a heavy wet snow on the 17th of March 2021. This combination lead to blizzard

Storm Data and Unusual Weather Phenomena - March 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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conditions in some areas and near blizzard conditions in others. Travel was impacted area wide and isolated power outages were reported. Some areas got well above 6 inches of snow with drifts of one to two feet. The day prior this same system produced severe thunderstorms capable of one inch diameter hail and wind gusts well over 60 mph in the eastern Texas Panhandle.