

Storm Data and Unusual Weather Phenomena - March 2020

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

(OK-Z001) CIMARRON

	03/01/20 00:00 CST	0		Drought
	03/31/20 23:59 CST	0		

Below-average precipitation continued through March across the western Oklahoma Panhandle.

(OK-Z001) CIMARRON, (OK-Z002) TEXAS, (OK-Z003) BEAVER

	03/19/20 13:05 CST	0		High Wind (MAX 53 kt)
	03/19/20 20:25 CST	0		

An intense surface low pressure center north of the Texas and Oklahoma Panhandles moved from southeast Colorado into southwest Kansas during the late morning and early afternoon. The associated strong pressure gradient across the Panhandles resulted in numerous reports of high winds across the Oklahoma Panhandle.

TEXAS COUNTY --- GOODWELL [36.60, -101.63]

	03/30/20 16:52 CST	0		Hail (0.88 in)
	03/30/20 16:52 CST	0		Source: Fire Department/Rescue

Accumulating pea size hail was reported. There was enough to make the ground look white. Some dime up to nickel size hail was mixed in.

Scattered thunderstorms developed across the Oklahoma Panhandle as a surface low pressure center moved in from the west. One thunderstorm in the central Oklahoma Panhandle produced hail.

TEXAS, North Panhandle

COLLINGSWORTH COUNTY --- 5.7 E WELLINGTON [34.86, -100.12]

	03/18/20 17:48 CST	0		Hail (1.00 in)
	03/18/20 17:48 CST	0		Source: Trained Spotter

Dime to quarter size hail fell east of Wellington on U.S. Highway 203.

Isolated thunderstorms developed during the late afternoon along a surface low pressure trough. One thunderstorm over the southeast Texas Panhandle produced severe hail.

(TX-Z002) SHERMAN, (TX-Z003) HANSFORD, (TX-Z006) HARTLEY, (TX-Z007) MOORE, (TX-Z008) HUTCHINSON, (TX-Z011) OLDHAM, (TX-Z012) POTTER, (TX-Z013) CARSON, (TX-Z014) GRAY, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL COUNTY, (TX-Z018) ARMSTRONG

	03/19/20 10:12 CST	0		High Wind (MAX 51 kt)
	03/19/20 17:55 CST	0		

An intense surface low pressure center north of the Texas and Oklahoma Panhandles moved from southeast Colorado into southwest Kansas during the late morning and early afternoon. The associated strong pressure gradient across the Panhandles resulted in numerous reports of high winds across the western two-thirds of the Texas Panhandle.

CARSON COUNTY --- 4.5 NE MASTERTON [35.47, -101.57], 3.3 SW MC BRIDE [35.48, -101.51]

	03/30/20 16:22 CST	0		Tornado (EFU, L: 3.55 mi , W: 50 yd)
	03/30/20 16:33 CST	0		Source: Storm Chaser

The tornado remained in open country grasslands, touching down approximately 10 miles north of Pantex, and lifting approximately 11 miles north northeast of Pantex. The tornado did no visible damage. Path details were estimated based on chaser pictures/reports and radar. Since this tornado remained in the open country grasslands and did no visible damage, it was given a rating of EF-Unknown as well as an unknown estimated peak wind speed.

SHERMAN COUNTY --- 10.5 ESE LAUTZ [36.17, -101.85], 10.7 ESE LAUTZ [36.17, -101.85]

	03/30/20 16:50 CST	0		Tornado (EF0, L: 0.21 mi , W: 20 yd)
	03/30/20 16:58 CST	0		Source: Trained Spotter

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A landspout tornado touched down approximately 10 miles north of Sunray. The tornado moved very little, remained in a field and did no damage, before lifting approximately 10 miles north of Sunray. This tornado was rated EF-0 with an estimated peak wind speed of 75 MPH. Location and path details are estimated based on photographs from a local storm spotter.				

High-based thunderstorms developed across the west-central Texas Panhandle during the afternoon. As these thunderstorms moved east, they crossed a north-south oriented dryline, with cloud bases lowering considerably. Additionally, with winds out of the east present on the eastern side of the dryline, these storms moved into an environment with low-level shear profiles conducive for the development of tornadoes. Furthermore, the presence of the dryline allowed for the potential development of landspout tornadoes for any storms that were located directly on or very close to the dryline. Two tornadoes did occur, one in Carson County and a landspout tornado in Sherman County.