

Storm Data and Unusual Weather Phenomena - April 2021

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

(OK-Z001) CIMARRON

	04/01/21 00:01 CST	0	Drought
	04/30/21 23:59 CST	0	

During the month of April, less than 25 percent of normal rainfall occurred in most areas adding to long term deficits. Farmers and ranchers especially in Cimarron County in OK and Deaf Smith and Randall County in Texas were still struggling with soil moisture being short to very short in areas of severe to exceptional drought. Winter wheat was in poor to good condition. Some farmers were starting to run pivots in hopes to salvage some winter wheat. Very dry and windy conditions during the month of April left some fields in poor condition. Supplemental feeding continued for cattle with some livestock able to graze wheat not worth harvesting.

(OK-Z001) CIMARRON

	04/04/21 19:55 CST	0	High Wind (MAX 55 kt)
	04/06/21 20:15 CST	0	

On the evening of April 6th a strong upper level low traversed southeast from Colorado into western Oklahoma. At the surface this system helped push colder and denser air into the combined Oklahoma and Texas Panhandles. Rapid pressure increases behind a cold front led to north winds of 35 to 40 mph with a few locations briefly gusting at or above 58 mph.

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

	04/09/21 09:25 CST	0	High Wind (MAX 38 kt)
	04/09/21 11:50 CST	0	

During the afternoon of April 9th, a strong upper level low deepened over eastern Colorado and western Kansas before racing east across the Central Plains. This influenced cold front to surge rapidly south into the combined Oklahoma and Texas Panhandle. Behind the front winds turned to the north and increased to 35 to 45 mph for several hours.

(OK-Z001) CIMARRON

	04/27/21 13:35 CST	0	High Wind (MAX 51 kt)
	04/27/21 15:05 CST	0	

During the late morning and early afternoon of the 27th, a robust upper level low pressure system settled over southern California inducing low pressure across the Central Plains. This led to strong winds across the region in the late morning and afternoon hours. A couple of automated weather stations recorded wind gusts in excess of 58 mph during the peak of the wind event.

TEXAS, North Panhandle

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

	04/01/21 00:00 CST	0	Drought
	04/30/21 23:59 CST	0	

During the month of April, less than 25 percent of normal rainfall occurred in most areas adding to long term deficits. Farmers and ranchers especially in Cimarron County in OK and Deaf Smith and Randall County in Texas were still struggling with soil moisture being short to very short in areas of severe to exceptional drought. Winter wheat was in poor to good condition. Some farmers were starting to run pivots in hopes to salvage some winter wheat. Very dry and windy conditions during the month of April left some fields in poor condition. Supplemental feeding continued for cattle with some livestock able to graze wheat not worth harvesting.

(TX-Z018) ARMSTRONG

	04/01/21 00:01 CST	0	Drought
	04/30/21 23:59 CST	0	

During the month of April, less than 25 percent of normal rainfall occurred in most areas adding to long term deficits. Some Beneficial rain did occur across the southeast Texas Panhandle in March and April leading to some modest improvements in a few areas. Farmers and ranchers especially in Cimarron County in OK and Deaf Smith and Randall County in Texas were still struggling with soil moisture being short to very short in areas of severe to exceptional drought. Winter wheat was in poor to good condition. Some farmers were starting to run pivots in hopes to salvage some winter wheat. Very dry and windy conditions during the month of April left some fields in poor condition. Supplemental feeding continued for cattle with some livestock able to graze wheat not worth harvesting.

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(TX-Z008) HUTCHINSON, (TX-Z010) HEMPHILL, (TX-Z014) GRAY, (TX-Z020) COLLINGSWORTH				
	04/06/21 21:56 CST		0	High Wind (MAX 56 kt)
	04/06/21 23:37 CST		0	

On the evening of April 6th a strong upper level low traversed southeast from Colorado into western Oklahoma. At the surface this system helped push colder and denser air into the combined Oklahoma and Texas Panhandles. Rapid pressure increases behind a cold front led to north winds of 35 to 40 mph with a few locations briefly gusting at or above 58 mph.

(TX-Z002) SHERMAN, (TX-Z003) HANSFORD, (TX-Z006) HARTLEY, (TX-Z007) MOORE, (TX-Z008) HUTCHINSON, (TX-Z010) HEMPHILL				
	04/09/21 10:23 CST		0	High Wind (MAX 50 kt)
	04/09/21 16:02 CST		0	

During the afternoon of April 9th, a strong upper level low deepened over eastern Colorado and western Kansas before racing east across the Central Plains. This influenced cold front to surge rapidly south into the combined Oklahoma and Texas Panhandle. Behind the front winds turned to the north and increased to 35 to 45 mph for several hours. A few strong gust upwards of 50 to 60 mph also occurred in some places with the initial frontal surge.

CARSON COUNTY --- 0.9 NW SKELLYTOWN [35.58, -101.19]				
	04/23/21 17:10 CST		0	Hail (1.00 in)
	04/23/21 17:12 CST		0	Source: Trained Spotter

During the afternoon of the 23rd of April, a line of thunderstorms formed from the northwest Texas Panhandle to the southeast Texas Panhandle. This line quickly moved east to northeast and died out towards sunset. One storm generated one inch diameter hail stones over Carson County before the storms weakened.