

## Storm Data and Unusual Weather Phenomena - February 2017

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

#### (OK-Z001) CIMARRON

	02/23/17 12:23 CST		0	High Wind (MAX 35 kt)
	02/23/17 13:23 CST		0	

Out ahead of the main cold front, a lee low was developing in SE Colorado in association with favorable upper level dynamics during the late morning hours on the 23rd. This included our region being in the left exit region of a New Mexico jet streak along with a deepening 700-500 hPa trough to the west of the area. This helped to steepen the mid level height gradients and with clearing skies, strong winds mixed down to the surface and strong sustained winds and gusts were reported throughout the day across areas in western OK along with the western and central TX Panhandle.

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

	02/28/17 13:23 CST		0	High Wind (MAX 50 kt)
	02/28/17 14:23 CST		0	

A favorable upper level pattern supported a high wind event across the Panhandles. A SW-NE oriented 700-300 mb jet over the Panhandles during the day on the 28th in conjunction with the position of a developing low pressure system across SE Colorado during the day on the 28th allowed the axis of strongest winds across the Panhandles region. An upper level trough was also centered over central New Mexico with the Panhandles region downstream of the trough axis with strong surface southwesterly flow and down slope during the day. With good mixing under mostly clear skies, strong winds aloft easily mixed down to the surface and multiple high wind reports were all across the OK and TX Panhandles.

### TEXAS, North Panhandle

#### (TX-Z004) OCHILTREE

	02/10/17 14:00 CST		0	Wildfire
	02/10/17 21:00 CST	1	0	

The Porter/Barton Wildfire began around 1400CST about three miles east southeast of Wolf Creek Park in Ochiltree County. The wildfire began south of Farm to Market Road 3260 and between County Roads 6 and 23. The wildfire consumed approximately two thousand acres and was caused by downed power lines. There was a report of 2 homes and two other structures that were threatened but were saved, however no homes or other structures were lost due to the wildfire. There was one report of an injury along with one entrapment and four near misses, however no fatalities were reported. There were a total of seventeen fire departments or other fire agencies that responded to the wildfire which was contained around 2100CST.

#### (TX-Z002) SHERMAN

	02/11/17 14:41 CST		0	Wildfire
	02/11/17 18:00 CST		0	

The Texhoma Command Wildfire began around 1441CST about four miles east of Texhoma Texas in extreme northern Sherman county near the Oklahoma state line. The wildfire consumed an estimated twelve hundred acres. There was one home saved, however no homes or other structures were lost. There were no reports of any injuries or fatalities. The Guymon, Texhoma, Goodwell, and Yarborough Fire Departments responded to the wildfire. The wildfire was contained by 1800CST.

#### (TX-Z001) DALLAM, (TX-Z002) SHERMAN, (TX-Z006) HARTLEY, (TX-Z007) MOORE, (TX-Z011) OLDHAM, (TX-Z012) POTTER, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL

	02/23/17 13:23 CST		0	High Wind (MAX 36 kt)
	02/23/17 15:23 CST		0	

Out ahead of the main cold front, a lee low was developing in SE Colorado in association with favorable upper level dynamics during the late morning hours on the 23rd. This included our region being in the left exit region of a New Mexico jet streak along with a deepening 700-500 hPa trough to the west of the area. This helped to steepen the mid level height gradients and with clearing skies, strong winds mixed down to the surface and strong sustained winds and gusts were reported throughout the day across areas in western OK along with the western and central TX Panhandle.

#### (TX-Z011) OLDHAM

	02/23/17 15:51 CST		0	Wildfire
	02/24/17 02:00 CST		0	

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The Lit Ranch Wildfire began around 1551CST about two miles north northwest of Boys Ranch Texas in Oldham County. The wildfire began just east of U.S. Highway 385 which consumed approximately thirteen thousand and five hundred acres and was caused by downed power lines. There were reports of ten homes and fifteen other structures that were threatened but were saved and there were no reports of any injuries or fatalities. There were a total of four fire departments or other fire agencies that responded to the wildfire including the Texas A&M Forest Service. The wildfire was contained around 0200CST on February 24.

(TX-Z006) HARTLEY

02/23/17 16:00 CST	0	Wildfire
02/24/17 00:00 CST	0	

The 02232017 wildfire began around 1600CST about ten miles east of Channing Texas in Hartley County. The wildfire started just south of State Highway 354 and South County Line Road and consumed approximately seven thousand acres. The cause of the wildfire was determined to be from smoking materials. There were no reports of homes or other structures damaged or destroyed and there were no reports of injuries or fatalities. There were a total of seven fire departments and other fire agencies that responded to the wildfire including the Texas A&M Forest Service. The wildfire was contained around 0000CST on February 24.

(TX-Z006) HARTLEY

02/27/17 14:52 CST	0	Wildfire
02/27/17 19:00 CST	0	

The 2357 Wildfire began about seven miles south of Hartley Texas in Hartley county around 1452CST. The wildfire started just west of Farm to Market Road 2357 and north of County Road T and consumed approximately four hundred acres. The wildfire was caused by downed power lines as it was reported that a power pool had broken and started the wildfire. The wildfire jumped the road and continued to burn. There were no homes or other structures threatened or destroyed by the wildfire and there also no reports of any injuries or fatalities. The wildfire was contained around 1900CST. There were a total of three fire departments and other fire agencies that responded to the wildfire including Hartley Fire, Dalhart Fire and Channing Fire. The Dalhart Fire Department sent two grass trucks and also one tanker and the Channing Fire Department sent one grass truck.

(TX-Z001) DALLAM, (TX-Z002) SHERMAN, (TX-Z003) HANSFORD, (TX-Z004) OCHILTREE, (TX-Z006) HARTLEY, (TX-Z007) MOORE, (TX-Z008) HUTCHINSON, (TX-Z009) ROBERTS, (TX-Z011) OLDHAM, (TX-Z012) POTTER, (TX-Z013) CARSON, (TX-Z014) GRAY, (TX-Z016) DEAF SMITH, (TX-Z017) RANDALL, (TX-Z018) ARMSTRONG

02/28/17 12:23 CST	0	High Wind (MAX 55 kt)
02/28/17 16:23 CST	0	

A favorable upper level pattern supported a high wind event across the Panhandles. A SW-NE oriented 700-300 mb jet over the Panhandles during the day on the 28th in conjunction with the position of a developing low pressure system across SE Colorado during the day on the 28th allowed the axis of strongest winds across the Panhandles region. An upper level trough was also centered over central New Mexico with the Panhandles region downstream of the trough axis with strong surface southwesterly flow and down slope during the day. With good mixing under mostly clear skies, strong winds aloft easily mixed down to the surface and multiple high wind reports were all across the OK and TX Panhandles.

(TX-Z014) GRAY

02/28/17 13:00 CST	0	Wildfire
02/28/17 17:00 CST	0	

The Keller Estates Wildfire began about four miles north northeast of Pampa Texas in Gray County around 1300CST just northeast of the Hidden Hills Golf Course east of Hidden Hills Drive. The wildfire consumed an estimated one thousand five hundred acres and spread into Roberts County, however there were no reports of any homes or other structures damaged or destroyed by the wildfire. There were also no reports of any injuries or fatalities. There were a total of six fire departments and other agencies that responded to the wildfire which was contained by 1700CST.

(TX-Z017) RANDALL

02/28/17 16:39 CST	0	Wildfire
02/28/17 20:00 CST	0	

The 17-166 Wildfire began around 1639CST about four miles south of Timbercreek Canyon Texas in Randall County. The wildfire consumed approximately five hundred acres and was determined to be caused by debris burning. There were no reports of any homes or other structures damaged or destroyed by the wildfire and there were also no reports of any injuries or fatalities. There were a total of four fire departments and other agencies that responded to the wildfire which was contained by 2000CST.