

Storm Data and Unusual Weather Phenomena - November 2016

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

OKLAHOMA, Panhandle

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

	11/17/16 14:40 CST	0		High Wind (MAX 52 kt)
	11/17/16 16:07 CST	0		

A strong cold front moving south across the Panhandles produce some high wind gusts across the OK Panhandle. 500 MB charts illustrated a strong disturbance at the base of an upper level, negative tilted, trough moving due east across the northern Panhandles during the second half of the day. In-conjunction, lower level 850 MB and 700 MB analysis showed strong frontal genesis as the surface cold front moved south. Illustrated by the 28 November 2016 upper air data out of Amarillo, deep mixing brought down winds aloft at 55-60 kts to the surface. Hence, a few high wind reports were observed in the OK Panhandle.

(OK-Z002) TEXAS

	11/27/16 10:31 CST	0		High Wind (MAX 51 kt)
	11/27/16 10:31 CST	0		

A developing upper level trough and surface cold front extending south from a developing surface low pressure over western Kansas brought windy conditions to the region. A north-south front was moving due east across the Panhandles during the late morning/early afternoon hours. The strong lower and mid level winds helped to compact surface isobars to make for windy conditions ahead of and along the main cold front, especially as skies began to clear and the Panhandles region; then mixed out very well ahead of the main surface feature. This resulted in a handful of high wind reports across the Panhandles.

(OK-Z003) BEAVER

	11/27/16 12:45 CST	0		Wildfire
	11/27/16 18:30 CST	0		

The Beaver County wildfire began around 1354CST about nine miles west northwest of Slapout Oklahoma in Beaver county. The wildfire started south of Hollow E0215 or north of Hollow E0220 and east of Hollow N1530. The wildfire consumed approximately twenty-five hundred acres and was caused by downed power lines. There were three homes and two other structures which were threatened, but all were saved. There were no homes or other structures damaged or destroyed. There were also no reports of any injuries or fatalities. The wildfire was contained around 1830CST and approximately five fire departments or other fire agencies responded to the wildfire including the Texas County Fire Strike Team which is comprised of the fire departments of Guymon, Hooker, Hardesty and Adams.

TEXAS, North Panhandle

(TX-Z016) DEAF SMITH

	11/17/16 11:09 CST	0		High Wind (MAX 50 kt)
	11/17/16 11:09 CST	0		

A developing upper level trough and surface cold front extending south from a developing surface low pressure over western Kansas brought windy conditions to the region. A north-south front was moving due east across the Panhandles during the late morning/early afternoon hours. The strong lower and mid level winds helped to compact surface isobars to make for windy conditions ahead of and along the main cold front, especially as skies began to clear and the Panhandles region; then mixed out very well ahead of the main surface feature. This resulted in a handful of high wind reports across the Panhandles.