

## Storm Data and Unusual Weather Phenomena - October 2016

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

TEXAS COUNTY --- 6.5 NE HOUGH [36.94, -101.49], 6.4 NE HOUGH [36.94, -101.49], 6.5 NE HOUGH [36.94, -101.49], 9.9 NNE HOUGH [37.00, -101.48], 9.8 NNE HOUGH [37.00, -101.49]

10/02/16 18:41 CST	0	Flash Flood (due to Heavy Rain)
10/02/16 18:41 CST	0	Source: Emergency Manager

Fast moving water running over highway 136 from road E-North to state line in northern Texas county.

This was a very marginal event in terms of parameters coming together. However, there was an axis of the moisture convergence in the low to mid levels of the atmosphere with precipitable water values right over north central TX Panhandle and OK Panhandle of over one inch and a sharp moisture gradient from west to east across the Panhandles. In-conjunction with the moisture axis, limited CAPE of just around 1000 J/Kg, and weak effective shear around 30 kts allowed a few isolated storms to initiate. Weak mid level winds under 10 kts had storm training over the same areas before eventually instability and decreasing moisture axis had storms dissipate. This resulted in heavy rainfall with some flooding reported.

### TEXAS, North Panhandle

POTTER COUNTY --- 24.5 ENE VALLE DE ORO [35.59, -101.71], 24.6 ENE VALLE DE ORO [35.58, -101.71], 24.7 ENE VALLE DE ORO [35.58, -101.70], 24.6 ENE VALLE DE ORO [35.59, -101.71]

10/02/16 17:50 CST	0	Flash Flood (due to Heavy Rain)
10/02/16 17:50 CST	0	Source: Park/Forest Service

Delayed report of gravel road washed away used for trail maintenance at the end of Alibates Road . Park crews had to get a grader truck to fix the road. Time estimated by radar.

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#### (TX-Z006) HARTLEY

10/17/16 15:02 CST	0	Wildfire
10/17/16 20:00 CST	0	

The Smith Ranch wildfire began around 1502CST about seventeen miles east southeast of Romero Texas in Hartley county. The wildfire started north of Farm to Market Road 767 about seventeen miles west Of Channing Texas. The wildfire consumed one thousand five hundred and eighty five acres. There were no homes or other structures threatened and none were damaged or destroyed. There were also no reports of any injuries or fatalities. The wildfire was contained around 2000CST and approximately ten fire departments or other fire agencies responded to the wildfire including the Dalhart Fire Department, Channing Volunteer Fire, Boys Ranch Fire Department, Logan Fire Department, Nara Visa, Vega Fire Department, a Game Warden, Hartley County Sheriff's Office, and Hartley County Road Crews.

#### (TX-Z002) SHERMAN

10/22/16 17:30 CST	0	Wildfire
10/22/16 20:00 CST	0	

The Texhoma wildfire began around 1730CST about five miles east southeast of Texhoma Texas in Sherman county. The wildfire consumed approximately one thousand acres and was caused by a person shooting a gun in the grass. There were no homes or other structures threatened and there were none damaged or lost. There were also no reports of any injuries or fatalities. The wildfire was contained around 2000CST and there were four fire departments or other fire agencies that responded to the wildfire.