



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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OKLAHOMA, Western, Central and Southeast

OKZ021

Beckham

03	1330CST 1800CST				0	0	250K		Wildfire
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A wildfire began 4 miles west of Erick during the early afternoon of November 3rd. Winds gusting to 40 mph and dry conditions helped this fire spread rapidly eventually burning an area 7 miles long and 2 miles wide. Firefighter from Beckham county, Roger Mills county, the U.S. Forestry Service and several Texas fire departments were used to fight the fire. A National Guard helicopter was also called in to dump water on the blaze. The fire destroyed one home along with several barns and abandoned farmhouses. The smoke from this fire was seen for miles and affected Interstate 40 for a time.

OKZ005-010-014>016-022- Woods - Woodward - Roger Mills - Dewey - Custer - Washita - Comanche

038

15	0515CST 0925CST				0	0	25K		High Wind (MG53)
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High winds were measured by nine different Oklahoma mesonet stations across parts of western Oklahoma. The wind gusts occurred several times at some stations over a little more than a four hour period. The wind gusts ranged from 50 knots (58 mph) to 53 knots (61 mph). The highest gust of 53 knots was measured in Woods county at the station 16 miles north-northeast of Freedom. The Woodward Emergency Manager reported some damage in the town of Woodward. A metal storage building under construction collapsed on the west side of town. There were also sporadic power outages across town. The high winds also caused damage in the town of Cordell in Washita county. Tree limbs and power poles were downed. One of the power poles was snapped. A portion of the roof of the City Office Building was also ripped off. Most of the top layer of the roof was gone and a 40 foot by 30 foot section was removed down to the rafters.

OKZ017-021-028>029-038- Blaine - Beckham - McClain - Cleveland - Comanche - Bryan

052

27 28	1100CST 1120CST				0	0	22.8K		Strong Wind (MG49)
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A strong surface low caused strong winds November 27 and 28. NWS weather stations along with Oklahoma mesonet stations reported numerous wind gusts no less than 39kt (45 mph) at some time during November 27 and 28. Sustained winds were also strong across the area with wind speeds ranging from 22 to 30 knots (25-35 mph). The strong winds continued during the nighttime hours of the 27th into the 28th.

Numerous power outages were reported across the area. A utility pole snapped in Watonga in Blaine county. Power lines were also reported down in Lawton in Comanche county. In Bryan county, the roof of the Salon Worx building in Durant was heavily damaged. An awning was also blown off at the Coffey-Murray Funeral Home. A very large tree branch was downed in Purcell in McClain county. A large tree, believed to be the oldest tree in Elk City, was also downed. Many fences were downed across Norman in Cleveland county. The strong winds are also believed to have started several fires from arcing power lines or transformers. Refer to wildfires for November 27 for further details.

OKZ039>040-044

Stephens - Garvin - Cotton

27 30	1200CST 2359CST				0	4	2.0M		Wildfire
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A wildfire near Velma in Stephens county burned approximately a 15 mile area. The fire began on November 27th and continued to burn into the first part of December. The fire caused the evacuation of some residents and at one point surrounded the town of 664 people. The fire also caused the closure of State Highway 7. Four firefighters suffered smoke inhalation. Several residents also received minor burns. Strong winds and dry conditions combined to cause this fire to spread quickly. About 20 fire departments assisted in fighting the fire. Overall, the fire destroyed 16 homes, including 8 mobile homes, and numerous outbuildings, including two large barns. The exact cause of the fire had not been determined but downed power lines in the strong winds may have started the fire. The property damage for this fire is estimated at one million dollars.



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OKLAHOMA, Western, Central and Southeast

In Cotton county, a wildfire 4 miles east and 3.5 miles north of Walters destroyed 6 homes and a few barns. The afternoon fire took 5 hours to bring under control. The property damage is estimated at \$650,000.

In Garvin county, two wildfires moved across the area. A large fire began 3 miles north of Elmore City on State Highway 74 at 1330 CST. The fire burned approximately 6,000 acres and was reported to be 5 miles wide at times. The fire was eventually stopped southwest of White Bead and 5 miles from Pauls Valley at around 0130 CST on November 28, 2005. A total of 100 firefighters and law enforcement personnel from 14 departments responded to the fast moving fire. Approximately 150 residents were evacuated from the area. This fire destroyed 2 houses and a mobile home along with several outbuildings in the area. The estimated property damage for this fire is \$350,000. Another smaller fire was reported 5 miles northeast of Pauls Valley about a half hour after the first fire, 1400 CST. This fire burned about 500 acres and was reported to have 20 foot flames at times. The fire was eventually contained around 2000 CST. Even though this fire was smaller, it did destroy several outbuildings. The fire is thought to have been set by an electric fence charger. However, no official cause has been reported. The estimate property damage with this smaller fire is around \$50,000.

OKZ024-027-032-042-046 Canadian - Grady - Hughes - Pontotoc - Carter
27 1425CST 0 0 20K High Wind (MG56)
1645CST

High wind gusts were measured by 4 Oklahoma mesonet stations, along with a spotter in Carter county and an emergency manager in Hughes county. The high wind gusts ranged from 50 knots(58 mph) to 56 knots(65 mph). The highest wind gust was measured at the mesonet site at Piedmont in Canadian county. Wind damage was reported in the town of Lone Grove in Carter county. A large tree fell on the bed of a pick-up truck. There were also downed power lines in the area, some of which may have started area wildfires.

A strong surface low pressure moved across the southern and central Plains causing strong sustained surface winds across the western half to two-thirds of Oklahoma with some high wind gusts. National Weather Service weather stations along with the Oklahoma mesonet measured sustained wind speeds ranging from 17 to 30 knots (20-35 mph) on November 27th into the 28th, with numerous wind gusts ranging from 39 to 56 knots(45-65 mph). Winds were initially strong from the south to west then shifted to the north and northwest behind a cold front. The winds began to decrease during the afternoon hours of November 28th as the strong surface low continued to lift away from the area. Wind damage was reported in several locations along with numerous power outages. The strong winds also combined with very dry conditions to help with the start and spread of several wildfires. Some fires may have been started by power lines arcing or even coming down in the high winds. The wildfires ranged from a few hundred acres to a few thousand acres some of which for several days. Many fire fighters and resources from the local, state, and federal levels were used to fight these fires. Many structures, hay, pasture, etc. were destroyed by the fires. Some residents were evacuated due to a few of the fires. Several people were injured at various fires.

OKZ046 Carter
29 1300CST 1 0 Wildfire
2300CST

A wildfire near Wilson killed a woman. The woman died trying to keep the flames from reaching her home. She suffered smoke inhalation which eventually led to a heart attack

F68OU

TEXAS, Western North

TXZ085 Wilbarger
15 1309CST 0 0 25K High Wind (EG52)
1330CST

High wind gusts caused some damage in the town of Vernon, TX. The metal roof from the Vernon High School Field House was blown off into electrical lines. Debris was also scattered over the school yard. An empty discount center on the west side of town, near the intersection of Expressway 287 and Brentley Street, had the attached greenhouse demolished. At about 1320 CST, a truck pulling a travel trailer southbound on Highway 287 near the town of Oklaunion was overturned by a high wind gust. The driver was taken to the hospital where he was treated for minor injuries (indirect).



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TEXAS, Western North

TXZ085

Wilbarger

27 1245CST
 2015CST

0 0

Wildfire

A wildfire near Grayback on the Waggoner Ranch burned approximately 10,000 acres. The fire was reported at the intersection of FM 1763 and CR 1065. Fire fighting efforts were hampered by high winds. Firefighters from 4 area fire departments, ranch personnel, the Texas Forest Service, and resources from the Wilbarger County Commissioner precincts and Texas Department of Transportation were used to fight the fire. Some structures were threatened by the fire but ultimately no structures were damaged. The fire was thought to be caused by the high winds causing electrical lines to spark

TXZ085>086

Wilbarger - Wichita

27 1326CST
 1443CST

0 0

High Wind (MG53)

High wind gusts of 53 knots (61 mph) and 51 knots(59 mph) were measured by the KF05 AWOS near Vernon in Wilbarger county and by the KSPS ASOS at Shepherd AFB in Wichita Falls respectively. No wind damage was reported

A strong surface low pressure caused strong winds and a few high wind gusts across western north Texas and parts of Oklahoma. The highest wind gust in western north Texas was measured in Wilbarger county. A large wildfire also occurred in Wilbarger county aided by the strong winds and very dry conditions across the area.