

## Storm Data and Unusual Weather Phenomena - March 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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**OKLAHOMA, Western, Central and Southeast**

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**ROGER MILLS COUNTY --- 2.0 S ROLL [35.75, -99.71]**

03/08/10 17:04 CST		0	Hail (1.00 in)
03/08/10 17:04 CST		0	Source: Trained Spotter

The hail report was relayed from WFO Amarillo.

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**ROGER MILLS COUNTY --- 6.5 SW HAMMON [35.56, -99.46], 3.0 NE HAMMON [35.66, -99.34]**

03/08/10 17:20 CST		1M	Tornado (EF2, L: 9.50 mi , W: 100 yd)
03/08/10 18:00 CST		0	Source: NWS Storm Survey

A relatively long track tornado touched down in a rural area to the southwest of Hammon, and then tracked to the northeast towards the town of Hammon. This tornado was on the ground for around 40 minutes, moving mainly over rural areas. Initially, the only damage from the tornado was snapped trees and power poles/lines. As the tornado tracked northeast near the end of the tornado track, the tornado clipped the southeastern edge of the town of Hammon. A couple of trailers, the county barn, and a home sustained major damage. Other buildings, trees, power lines/poles, and cars also received significant damage near and around the town of Hammon. The tornado finally dissipated to the northeast of Hammon. Monetary damages were estimated.

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**CUSTER COUNTY --- 7.0 N BUTLER [35.74, -99.19]**

03/08/10 18:16 CST		0	Tornado (EF0, L: 0.10 mi , W: 10 yd)
03/08/10 18:18 CST		0	Source: NWS Storm Survey

Video evidence suggested this tornado occurred after the tornado near Hammon dissipated. No damage occurred with this tornado.

**A strong upper level storm system moved east through New Mexico and into the Texas panhandle during the day on the 8th. Thunderstorms developed over northern Texas and crossed into southern Oklahoma during the morning and early afternoon hours. This area of thunderstorms weakened as they crossed the Red River, leaving widespread cloud cover over the region. However, later in the afternoon, the skies cleared over western Oklahoma, and this allowed for heating to commence in advance of the dry line that was sharpening up over the Texas panhandle. Thunderstorms moved into western Oklahoma and became severe over Roger Mills county. Initially, marginally severe hail up to quarter size was reported, but the storm eventually spawned two tornadoes, one of them significant. The first tornado occurred southwest of Hammon, with EF2 damage reported on the southeast side of Hammon. The second tornado occurred farther east, but did not produce any damage.**

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*Storm chasers arrive at the scene of a double wide mobile home destroyed by the tornado southwest of Hammon. Two people inside the home took shelter in an underground storm cellar and survived with no injuries. Photo courtesy Scott Peake.*

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**KINGFISHER COUNTY --- HENNESSEY [36.11, -97.90]**

03/10/10 14:30 CST	0	Hail (0.88 in)
03/10/10 14:30 CST	0	Source: Emergency Manager

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**KAY COUNTY --- 4.2 SW (PNC)PONCA CITY ARPT [36.69, -97.16]**

03/10/10 16:12 CST	0	Thunderstorm Wind (EG 52 kt)
03/10/10 16:12 CST	0	Source: Emergency Manager

A large billboard was blown over three miles west of the intersection of Business Highway 60 and Waverly Street. Monetary damages were estimated.

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**KAY COUNTY --- 5.5 WSW (PNC)PONCA CITY ARPT [36.70, -97.19]**

03/10/10 16:14 CST	0	Thunderstorm Wind (EG 52 kt)
03/10/10 16:14 CST	0	Source: Emergency Manager

A small metal shed was destroyed by strong winds. The debris from the building struck an individual, injuring her. Monetary damages were estimated.

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**KAY COUNTY --- PONCA CITY [36.70, -97.08]**

03/10/10 16:20 CST	0	Hail (1.00 in)
03/10/10 16:20 CST	0	Source: Emergency Manager

Pea- to quarter-size hail covered the ground.

An isolated severe thunderstorm moved over Kay county producing hail up to quarter size and strong winds. Wind damage was also reported south of Ponca City, where a small metal shed was destroyed. The debris from the shed injured one person.

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(OK-Z004) HARPER, (OK-Z008) KAY, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z014) ROGER MILLS, (OK-Z017) BLAINE, (OK-Z018) KINGFISHER,

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<b>(OK-Z020) PAYNE, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-Z025) OKLAHOMA, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z048) ATOKA</b>				
	03/19/10 20:00 CST		0	Winter Storm
	03/21/10 14:00 CST		0	
<b>(OK-Z010) WOODWARD, (OK-Z026) LINCOLN, (OK-Z032) HUGHES, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z042) PONTOTOC, (OK-Z043) COAL, (OK-Z044) COTTON</b>				
	03/19/10 20:00 CST		0	Winter Weather
	03/21/10 10:00 CST		0	

A strengthening upper level storm system moved east-southeastward from northeast New Mexico to near the Red River and the Arklatex. At the same time, a strong late season cold front moved south across Oklahoma, dramatically dropping temperatures to near or below freezing over a large part of the state. The track of the storm system took a near optimal route for heavy snowfall for areas north of Interstate 40. Rain that formed behind the front quickly changed to a wintry mix, and then to all snow by early morning. The heaviest snow occurred over north-central into parts of eastern Oklahoma, where at least four to seven inches occurred. Widespread amounts of three to five inches fell from western into central Oklahoma, including much of the Oklahoma City metro area. A dry slot wrapped around into the system, which limited snowfall totals over parts of central and southern Oklahoma, but a few inches still accumulated. The snowfall was accompanied by fairly strong winds, with gusts over 40 mph. The blowing snow created drifts that were several feet deep, and travel was impacted with reduced visibilities. Although several automobile accidents occurred as a result of the slushy roads and poor visibilities, no serious injuries occurred.

### TEXAS, Western North

<b>BAYLOR COUNTY --- 3.0 NW SEYMOUR [33.62, -99.30]</b>				
	03/08/10 12:40 CST		0	Thunderstorm Wind (MG 52 kt)
	03/08/10 12:40 CST		0	Source: Mesonet
<b>WICHITA COUNTY --- PLEASANT VALLEY [33.94, -98.60]</b>				
	03/08/10 13:30 CST		0	Thunderstorm Wind (EG 56 kt)
	03/08/10 13:30 CST		0	Source: Emergency Manager

A roof was blown off of a double-wide trailer, and a pole barn was blown down. Monetary damages were not available.

A strong upper level storm system moved east through New Mexico and into the Texas panhandle during the day on the 8th. A complex of severe thunderstorms developed and quickly moved through western north Texas during the early afternoon hours. A wind gust to 60 mph was reported in Baylor county, with additional severe wind gusts reported in Wichita county near Pleasant Valley. Damage occurred to a double-wide trailer, and several power poles were blown down in Pleasant Valley.

<b>(TX-Z083) HARDEMAN, (TX-Z085) WILBARGER, (TX-Z086) WICHITA, (TX-Z090) CLAY</b>				
	03/20/10 04:00 CST		0	Winter Weather
	03/20/10 17:00 CST		0	

A powerful cold front, combined with a strong upper level storm system allowed for rain to change to snow over parts of northern Texas. The snowfall did not last long, and wind gusts of 30 to 40 mph did not allow for the snow to accumulate easily. As much as two inches of snow accumulated near the Red River. No accidents were reported as a result of the snowfall.