

Storm Data and Unusual Weather Phenomena - January 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
HUGHES COUNTY --- WETUMKA [35.23, -96.25]				
	01/07/08 20:38 CST	0		Thunderstorm Wind (EG 52 kt)
	01/07/08 20:38 CST	0		Source: Law Enforcement
CANADIAN COUNTY --- 2.0 SW NILES [35.41, -98.28]				
	01/07/08 20:40 CST	0		Hail (1.00 in)
	01/07/08 20:40 CST	0		Source: Public
CUSTER COUNTY --- WEATHERFORD [35.53, -98.72]				
	01/07/08 21:45 CST	0		Hail (0.88 in)
	01/07/08 21:45 CST	0		Source: Public
KIOWA COUNTY --- HOBART [35.02, -99.10]				
	01/07/08 22:20 CST	0		Hail (0.75 in)
	01/07/08 22:20 CST	0		Source: Amateur Radio
KINGFISHER COUNTY --- KINGFISHER [35.85, -97.93]				
	01/07/08 22:40 CST	0		Hail (0.75 in)
	01/07/08 22:40 CST	0		Source: Amateur Radio
CADDO COUNTY --- 3.0 W BINGER [35.32, -98.38]				
	01/07/08 23:00 CST	0		Hail (1.00 in)
	01/07/08 23:00 CST	0		Source: Amateur Radio
CADDO COUNTY --- 1.0 S ALBERT [35.22, -98.40]				
	01/07/08 23:18 CST	0		Hail (1.00 in)
	01/07/08 23:18 CST	0		Source: Amateur Radio
CADDO COUNTY --- 8.0 N FT COBB [35.22, -98.43]				
	01/07/08 23:25 CST	0		Hail (1.00 in)
	01/07/08 23:25 CST	0		Source: Amateur Radio
LOGAN COUNTY --- GUTHRIE [35.88, -97.43]				
	01/07/08 23:30 CST	0		Hail (0.88 in)
	01/07/08 23:30 CST	0		Source: Broadcast Media
LOGAN COUNTY --- 4.0 SE GUTHRIE [35.84, -97.38]				
	01/07/08 23:40 CST	0		Hail (0.75 in)
	01/07/08 23:40 CST	0		Source: Amateur Radio
OKLAHOMA COUNTY --- BETHANY [35.52, -97.63]				
	01/07/08 23:55 CST	0		Hail (0.75 in)
	01/07/08 23:55 CST	0		Source: NWS Employee
The hail was reported at Council Road and NW 36th Street.				
CANADIAN COUNTY --- 3.0 SE UNION CITY [35.35, -97.89]				
	01/08/08 00:00 CST	0		Hail (1.00 in)
	01/08/08 00:00 CST	0		Source: COOP Observer
CLEVELAND COUNTY --- 3.0 S MOORE [35.29, -97.50]				
	01/08/08 00:19 CST	0		Hail (0.75 in)
	01/08/08 00:19 CST	0		Source: NWS Employee

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POTTAWATOMIE COUNTY --- 3.0 ENE DALE [35.40, -97.00]				
	01/08/08 01:15 CST		0	Hail (1.00 in)
	01/08/08 01:15 CST		0	Source: Public

Hail up to quarter size was reported north of I-40 and the US 177 intersection.

A powerful storm system moved toward the southern plains on the 7th. Ahead of the storm system, an unseasonably warm and humid airmass was in place. Thunderstorms developed over eastern Oklahoma and continued to build toward the southwest into parts of Hughes county. A brief severe wind gust occurred here, but no damage was reported. Other severe thunderstorms developed over western and northwest Oklahoma during the afternoon hours near and ahead of a cold front that was moving southeast. The cold front continued moving southeast through the evening and overnight hours, with the thunderstorms forming into a squall line by late evening. Large hail to quarter size and gusty winds were the main threats with the thunderstorms, although a period of moderate to heavy rainfall also accompanied the storms.

(OK-Z004) HARPER, (OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z014) ROGER MILLS, (OK-Z017) BLAINE, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (OK-Z024) CANADIAN, (OK-Z025) OKLAHOMA, (OK-Z029) CLEVELAND				
	01/31/08 01:00 CST	1	25K	Winter Weather
	01/31/08 16:00 CST		0	

(OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z011) MAJOR, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z017) BLAINE, (OK-Z020) PAYNE, (OK-Z026) LINCOLN				
	01/31/08 01:00 CST		61K	Heavy Snow
	01/31/08 16:00 CST		0	

A fast-moving, but very potent winter storm moved through the central and parts of the southern Plains. The snow-storm took a track that took it from the central Rocky mountains, across the southern Texas panhandle, and through southern Oklahoma. A surface low pressure moved ahead of this storm system, with a strong cold front following behind. Bitterly cold air plunged south, dropping most locations well below freezing as the front passed. Widespread snow, some of it heavy at times, developed over the northern half of Oklahoma. The storm system strengthened as it moved east, with very strong winds developing as a result. This combined with the snow created widespread visibilities less than a half of a mile. After it ended, snowfall totals over mainly northern Oklahoma were as high as 6 to 8 inches, with lesser amounts farther south. As expected, automobile accidents were a concern with the streets becoming icy. Unfortunately, one person was killed near Guthrie as a result of one accident. Monetary damages were estimated.

(OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z050) LOVE				
	01/03/08 10:00 CST	2	45K	Winter Weather
	01/03/08 13:00 CST		0	

Light precipitation developed over parts of northern Texas before sunrise on the 3rd and moved through parts of southern Oklahoma. The precipitation moved over surface temperatures that were in the upper 20s and lower 30s, which caused it to freeze on contact. Precipitation coverage was not widespread, but enough ice accumulated on roadways that caused numerous traffic accidents. Unfortunately three fatalities were reported, as well as numerous injuries. Monetary damages were estimated.

Direct Fatalities: F16VE, M12VE

(OK-Z029) CLEVELAND, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z039) STEPHENS				
	01/29/08 08:57 CST		13K	High Wind (MAX 56 kt)
	01/29/08 10:00 CST		0	

A cold front moved through Oklahoma on the 29th. Behind the front, extremely strong wind gusts were reported over much of the area. Numerous locations reported wind gusts of 40 to 50 mph. A few wind gusts of 50 to 60 mph were reported in isolated locations. Minor damage was reported, but no injuries occurred. Monetary damages were estimated.

TEXAS, Western North

(TX-Z086) WICHITA, (TX-Z089) ARCHER, (TX-Z090) CLAY				
	01/03/08 07:00 CST		40K	Winter Weather
	01/03/08 08:00 CST		0	

Light precipitation developed over parts of northern Texas before sunrise on the 3rd. This precipitation moved over surface

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(TX-Z083) HARDEMAN

01/29/08 09:00 CST	5K	High Wind (MAX 58 kt)
01/29/08 09:00 CST	0	

A cold front moved through northern Texas during the mid to late morning of the 29th. Behind the front, extremely strong wind gusts were reported over much of the area. Numerous locations reported wind gusts of 40 to 50 mph. Wind gusts of 50 to 60 mph were reported in isolated locations. Minor damage was reported, but no injuries occurred. Monetary damages were estimated.