Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central ar	nd Southeast			
CUSTER COUNTY 5.0 E CLINTON ARP	02/05/08 02:40 CST		0	Hail (1.00 in)
	02/05/08 02:40 CST		0	Source: Public
	02/03/00 02:40 001		0	
Nickel to quarter size hail covered the groun	d at the Loves Country Store	е.		
BLAINE COUNTY GEARY [35.63, -98.32				
	02/05/08 03:20 CST		0	Hail (0.88 in)
	02/05/08 03:20 CST		0	Source: Public
MAJOR COUNTY ISABELLA [36.23, -98	3.33]			
	02/05/08 03:30 CST		0	Hail (0.75 in)
	02/05/08 03:30 CST		0	Source: Post Office
ALFALFA COUNTY 1.0 SSE HELENA	36.54, -98.26]			
	02/05/08 03:37 CST		0	Hail (0.88 in)
	02/05/08 03:37 CST		0	Source: COOP Observer
CADDO COUNTY 5.0 WNW BRIDGEPO	RT [35.58, -98.45]			
	02/05/08 04:10 CST		0	Hail (0.88 in)
	02/05/08 04:10 CST		0	Source: Public
KINGFISHER COUNTY 8.0 ENE DOVER	R [36.02, -97.79]			
	02/05/08 04:30 CST		0	Hail (0.88 in)
	02/05/08 04:30 CST		0	Source: Public
KINGFISHER COUNTY 2.0 W CASHION	I ARPT [35.82, -97.76]			
	02/05/08 05:03 CST		2K	Thunderstorm Wind (EG 52 kt)
	02/05/08 05:03 CST		0	Source: Public

A wooden playhouse was blown over A charcoal grill and other lawn items were tossed around. The location is at a higher elevation, which may explain the isolated, yet significant nature of the report. The time and wind speed were estimated.

PAYNE COUNTY 6.0 SE GLENCOE [36.17, -96.85]					
C	02/05/08 06:40 CST	10K	Lightning		
C	02/05/08 06:40 CST	0	Source: Emergency Manager		

A lightning strike destroyed a bricked fireplace and the electrical wiring in the house. Monetary damages were estimated.

A strong cold front moved into northwest Oklahoma during the evening of the 4th and moved southeast through the rest of Oklahoma during the early morning and afternoon hours of the 5th. Unseasonably mild temperatures were in place ahead of the cold front, with temperatures more indicative of early February behind the front. Showers and thunderstorms developed along and just ahead of the cold front, especially over the western half of Oklahoma as an upper level disturbance moved overhead. Some of the thunderstorms briefly became severe and produced large hail and brief strong winds. Some damage was reported in Payne county, where monetary damages were estimated.

	02/11/08 21:02 CST	0	Hail (1.75 in)	
	02/11/08 21:02 CST	0	Source: Amateur Radio	
The hail covered the ground ne	er Highway 7.			
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The hail covered the ground ne STEPHENS COUNTY DUN		0	Hail (1.00 in)	

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	02/11/08 21:15 CST	-	0	Hail (0.88 in)
	02/11/08 21:15 CST		0	Source: Amateur Radio
he hail was reported at Plato and Che	atham Trail roads.			
TEPHENS COUNTY DUNCAN [34	1.52, -97.95]			
_	02/11/08 21:15 CST		0	Hail (1.75 in)
	02/11/08 21:15 CST		0	Source: Amateur Radio
The hail was reported at Oak and the H	lighway 7 bypass.			
STEPHENS COUNTY DUNCAN [34	4.52, -97.95]			
	02/11/08 21:18 CST		0	Hail (1.75 in)
	02/11/08 21:18 CST		0	Source: Amateur Radio
STEPHENS COUNTY DUNCAN [34	1.52, -97.95]			
•	02/11/08 21:23 CST		0	Hail (1.75 in)
	02/11/08 21:23 CST		0	Source: Amateur Radio
The hail was reported in the northeast o	corner of Duncan.			
STEPHENS COUNTY DUNCAN [34	1.52, -97.95]			
	02/11/08 21:30 CST		0	Hail (1.00 in)
	02/11/08 21:30 CST		0	Source: Amateur Radio
STEPHENS COUNTY DUNCAN [34	1 52 _97 951			
STEPHENS COUNTY DUNCAN [54	02/11/08 21:34 CST		0	Hail (0.75 in)
	02/11/08 21:34 CST		0	Source: Amateur Radio
STEPHENS COUNTY DUNCAN [34	1.52, -97.95] 02/11/08 21:35 CST 02/11/08 21:35 CST		0	Hail (0.75 in) Source: Amateur Radio
The hail was reported at 1st and Martin	Luther King avenues.			
· · · · · · · · · · · · · · · · · · ·				
	A [34.83, -96.74]		0	Hail (1.00 in)
			0	Hail (1.00 in) Source: Trained Spotter
PONTOTOC COUNTY 6.0 NW ADA	x [34.83, -96.74] 02/11/08 22:06 CST 02/11/08 22:06 CST			· · · ·
PONTOTOC COUNTY 6.0 NW ADA	x [34.83, -96.74] 02/11/08 22:06 CST 02/11/08 22:06 CST ize hail on Highway 3.		0	Source: Trained Spotter
	A [34.83, -96.74] 02/11/08 22:06 CST 02/11/08 22:06 CST ize hail on Highway 3. eloped near and ahead of a st oved north into southern Okla ed south and east into the ove heavy rain. Hail up to golf-ball	ahoma during t rnight hours. V	0 luring the late at he day, with tem /ith cold temper	Source: Trained Spotter fternoon and early evening hours. apperatures climbing into the upper 60s. atures aloft, large hail occurred with
PONTOTOC COUNTY 6.0 NW ADA The spotter reported nickel to quarter si Strong to severe thunderstorms dev Unseasonably warm and moist air m The thunderstorm coverage expande some of the storms, as well as very h reported farther east. No damage wa	A [34.83, -96.74] 02/11/08 22:06 CST 02/11/08 22:06 CST ize hail on Highway 3. eloped near and ahead of a st loved north into southern Okla ed south and east into the ove heavy rain. Hail up to golf-ball is reported with the hail.	ahoma during t rnight hours. V	0 luring the late at he day, with tem /ith cold temper ted in Stephens	Source: Trained Spotter fternoon and early evening hours. speratures climbing into the upper 60s. ratures aloft, large hail occurred with county, with slightly smaller hail
PONTOTOC COUNTY 6.0 NW ADA The spotter reported nickel to quarter si Strong to severe thunderstorms dev Unseasonably warm and moist air m The thunderstorm coverage expande some of the storms, as well as very h reported farther east. No damage wa	A [34.83, -96.74] 02/11/08 22:06 CST 02/11/08 22:06 CST ize hail on Highway 3. eloped near and ahead of a st loved north into southern Okla ed south and east into the ove heavy rain. Hail up to golf-ball is reported with the hail. RRAL [33.93, -97.85] 02/16/08 13:55 CST	ahoma during t rnight hours. V	0 luring the late at he day, with tem /ith cold temper ted in Stephens 0	Source: Trained Spotter fternoon and early evening hours. apperatures climbing into the upper 60s. atures aloft, large hail occurred with county, with slightly smaller hail Hail (1.00 in)
PONTOTOC COUNTY 6.0 NW ADA The spotter reported nickel to quarter si Strong to severe thunderstorms dev Unseasonably warm and moist air m The thunderstorm coverage expande some of the storms, as well as very h reported farther east. No damage wa	A [34.83, -96.74] 02/11/08 22:06 CST 02/11/08 22:06 CST ize hail on Highway 3. eloped near and ahead of a st loved north into southern Okla ed south and east into the ove heavy rain. Hail up to golf-ball is reported with the hail.	ahoma during t rnight hours. V	0 luring the late at he day, with tem /ith cold temper ted in Stephens	Source: Trained Spotter fternoon and early evening hours. speratures climbing into the upper 60s. ratures aloft, large hail occurred with county, with slightly smaller hail
PONTOTOC COUNTY 6.0 NW ADA The spotter reported nickel to quarter si Strong to severe thunderstorms dev Unseasonably warm and moist air m The thunderstorm coverage expande some of the storms, as well as very h	A [34.83, -96.74] 02/11/08 22:06 CST 02/11/08 22:06 CST ize hail on Highway 3. eloped near and ahead of a st ioved north into southern Okla ed south and east into the over heavy rain. Hail up to golf-ball is reported with the hail. FRRAL [33.93, -97.85] 02/16/08 13:55 CST 02/16/08 13:55 CST 02/16/08 13:55 CST oz/16/08 13:55 CST oz/16/08 13:55 CST 02/16/08 13:55 CST oz/16/08 13:55 CST oz	ahoma during t prnight hours. V size was repor noved northeas atures into the some automob	0 luring the late at he day, with tem /ith cold temper ted in Stephens 0 0 t into Oklahoma upper 20s and I ile accidents rep	Source: Trained Spotter fternoon and early evening hours. apperatures climbing into the upper 60s. atures aloft, large hail occurred with county, with slightly smaller hail Hail (1.00 in) Source: Public during the early morning hours. A ower 30s. These cold temperatures ported. Also, thunderstorms over
PONTOTOC COUNTY 6.0 NW ADA The spotter reported nickel to quarter si Strong to severe thunderstorms deve Unseasonably warm and moist air m The thunderstorm coverage expande some of the storms, as well as very f reported farther east. No damage wa JEFFERSON COUNTY 5.0 ENE TE Showers and thunderstorms develop cold front moved through the region allowed a light glaze of ice to develop	A [34.83, -96.74] 02/11/08 22:06 CST 02/11/08 22:06 CST ize hail on Highway 3. eloped near and ahead of a st ize hail on Highway 3. eloped north into southern Okla ed south and east into the over heavy rain. Hail up to golf-ball is reported with the hail. SRRAL [33.93, -97.85] 02/16/08 13:55 CST 02/16/08 13:55 CST 02/16/08 13:55 CST oz/16/08 13:55 CST oz/16/08 13:55 CST ped over western Texas and m on the 15th, dropping temper p over several counties, with so o quarter-size. No damage was	ahoma during t prnight hours. V size was repor noved northeas atures into the some automob	0 luring the late at he day, with tem /ith cold temper ted in Stephens 0 0 t into Oklahoma upper 20s and I ile accidents rep	Source: Trained Spotter fternoon and early evening hours. apperatures climbing into the upper 60s. atures aloft, large hail occurred with county, with slightly smaller hail Hail (1.00 in) Source: Public during the early morning hours. A ower 30s. These cold temperatures ported. Also, thunderstorms over
PONTOTOC COUNTY 6.0 NW ADA The spotter reported nickel to quarter si Strong to severe thunderstorms deve Unseasonably warm and moist air m The thunderstorm coverage expande some of the storms, as well as very h reported farther east. No damage wa JEFFERSON COUNTY 5.0 ENE TE Showers and thunderstorms develop cold front moved through the region allowed a light glaze of ice to develop Jefferson county produced hail up to	A [34.83, -96.74] 02/11/08 22:06 CST 02/11/08 22:06 CST ize hail on Highway 3. eloped near and ahead of a st ize hail on Highway 3. eloped north into southern Okla ed south and east into the over heavy rain. Hail up to golf-ball is reported with the hail. SRRAL [33.93, -97.85] 02/16/08 13:55 CST 02/16/08 13:55 CST 02/16/08 13:55 CST oz/16/08 13:55 CST oz/16/08 13:55 CST ped over western Texas and m on the 15th, dropping temper p over several counties, with so o quarter-size. No damage was	ahoma during t prnight hours. V size was repor noved northeas atures into the some automob	0 luring the late at he day, with tem /ith cold temper ted in Stephens 0 0 t into Oklahoma upper 20s and I ile accidents rep	Source: Trained Spotter fternoon and early evening hours. apperatures climbing into the upper 60s. atures aloft, large hail occurred with county, with slightly smaller hail Hail (1.00 in) Source: Public during the early morning hours. A ower 30s. These cold temperatures ported. Also, thunderstorms over

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(OK-Z044) COTTON				
	02/15/08 19:00 CST		10K	Winter Weather
	02/16/08 19:00 CST		0	
• • •	r, resulting in temperatures fa ulted in widespread rain and as not frozen, the freezing rai	alling to near o freezing rain, o n that fell crea	r just above fre eventually turni ted slick spots	ezing over much of the state. Moisture ing to all rain and light snow on the 16th. on area roadways. Numerous

(OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z010) WOODWARD, (OK-Z021) B	ECKHAM, (OK-Z025) OK	LAHOMA, (OK-Z027) GRADY, (OK-Z036) JACKSON
02/20/08 21:00 CST	0.27M	Winter Weather
02/21/08 18:00 CST	0	

A strong cold front moved south early in the day on the 20th, with near or below freezing temperatures behind it. An upper level disturbance moved overhead on the 20th, with scattered areas of light freezing rain developing north of Interstate 40. The freezing rain created some slick spots on area roadways, with numerous automobile accidents occurring as a result. Monetary damages were estimated.

(OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY				
02/06/08 02:00 CST	0	Winter Weather		
02/06/08 08:00 CST	0			

A weak upper level disturbance moved along the Oklahoma and Kansas morning late on the 5th and early on the 6th. A band of light snow developed near this feature and moved northeast, with snow accumulations of one to two inches in some locations. The snow briefly covered some of the less traveled roadways, but travel impacts were minimal due to the late start to the event.

TEXAS, Western North	
KNOX COUNTY RHINELAND [33 53 -99 65]	

KNOX COUNTY RHINELAND [33.53, -99.65]						
	02/16/08 05:00 CST	0	Hail (0.88 in)			
	02/16/08 05:00 CST	0	Source: COOP Observer			

Showers and thunderstorms developed over western Texas and moved east during the early morning hours. A cold front moved through the region on the 15th, dropping temperatures into the 20s and 30s. Fortunately, temperatures in western north Texas remained near or just above freezing, with only light accumulations of ice reported. However, thunderstorms over Knox county were able to produce hail up to nickel-size. No damage was reported with the hail, but the slick streets did cause a few traffic accidents. Monetary damages were estimated.