

Storm Data and Unusual Weather Phenomena - February 2007

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|-------------------|---------------------|------------------------|
|----------|-----------|-------------------|---------------------|------------------------|

KANSAS, Southeast

RUSSELL (KS-Z032), LINCOLN (KS-Z033), BARTON (KS-Z047), ELLSWORTH (KS-Z048)

| | | | | |
|--|--------------------|---|---|--------------|
| | 02/12/07 18:00 CST | 0 | 0 | Winter Storm |
| | 02/13/07 01:30 CST | 0 | 0 | |

RUSSELL (KS-Z032), LINCOLN (KS-Z033), SALINE (KS-Z049), RICE (KS-Z050), MCPHERSON (KS-Z051), RENO (KS-Z067)

| | | | | |
|--|--------------------|---|---|----------------|
| | 02/12/07 18:00 CST | 0 | 0 | Winter Weather |
| | 02/13/07 01:30 CST | 0 | 0 | |

An area of low pressure brought a narrow band of snow to parts of central Kansas. The heaviest snow occurred from northwest Barton County through Russell County and extreme northwest Ellsworth County into western Lincoln County. The heaviest amount of snow reported was 7 inches in Ellsworth County with amounts up to 6 inches in Russell, Barton and Lincoln counties. Snow amounts ranged from 2 to 5 inches across southern portions of Barton County, central portions of Ellsworth County and eastern portions of Lincoln County. Light snow amounts of around 1 inch were reported in Rice, McPherson and Saline Counties. A second area of snow dropped between 2 and 3 inches across Reno County.

RICE COUNTY

| | | | | |
|-------------|--------------------|---|---|----------------|
| 0.7 N CHASE | 02/23/07 23:26 CST | 0 | 0 | Hail (1.00 in) |
| | 02/23/07 23:26 CST | 0 | 0 | 38.36N, 98.35W |

BARTON COUNTY

| | | | | |
|----------------|--------------------|---|---|----------------|
| 2.1 NNE ALBERT | 02/23/07 23:27 CST | 0 | 0 | Hail (0.88 in) |
| | 02/23/07 23:27 CST | 0 | 0 | 38.48N, 99.01W |

LINCOLN COUNTY

| | | | | |
|-----------------|--------------------|---|---|----------------|
| 2.6 WSW LINCOLN | 02/24/07 00:58 CST | 0 | 0 | Hail (1.00 in) |
| | 02/24/07 00:58 CST | 0 | 0 | 39.01N, 98.19W |

LINCOLN COUNTY

| | | | | |
|----------|--------------------|----|---|----------------|
| WESTFALL | 02/24/07 01:00 CST | 5K | 0 | Hail (0.50 in) |
| | 02/24/07 01:00 CST | 0 | 0 | 38.93N, 98W |

Pea to marble size hail accumulated up to two feet deep, and combined with 50 mph winds to strip paint from a camping trailer.

A powerful storm system approaching from the west spawned strong to severe thunderstorms across portions of Central and South-Central Kansas during the late evening hours of February 23rd through the early morning hours of February 24th.

MARION COUNTY

| | | | | |
|----------------|--------------------|---|---|----------------|
| 2.8 N FLORENCE | 02/24/07 11:55 CST | 0 | 0 | Funnel Cloud |
| | 02/24/07 11:55 CST | 0 | 0 | 38.29N, 96.93W |

SALINE COUNTY

| | | | | |
|---------------------|--------------------|---|---|----------------|
| 5.0 ESE NEW CAMBRIA | 02/24/07 13:00 CST | 0 | 0 | Hail (1.00 in) |
| | 02/24/07 13:00 CST | 0 | 0 | 38.86N, 97.41W |

SALINE COUNTY

| | | | | |
|-------------------|--------------------|---|---|----------------|
| 6.0 E NEW CAMBRIA | 02/24/07 13:03 CST | 0 | 0 | Hail (1.75 in) |
| | 02/24/07 13:03 CST | 0 | 0 | 38.87N, 97.39W |

RUSSELL COUNTY

| | | | | |
|--------------|--------------------|---|---|--------------------------------------|
| 3.9 SW LUCAS | 02/24/07 13:15 CST | 0 | 0 | Tornado (EF0, L: 0.25 mi , W: 25 yd) |
| | 02/24/07 13:16 CST | 0 | 0 | 39.0105N, 98.6008W |

Tornado touched down briefly in an open field near the intersection of West 196th Street and Mellard Road. No damage was reported.

RUSSELL COUNTY

| | | | | |
|-----------------------------|--------------------|---|---|----------------|
| 1.8 NE (RSL)RUSSELL MUNI AR | 02/24/07 13:26 CST | 0 | 0 | Hail (0.75 in) |
| | 02/24/07 13:26 CST | 0 | 0 | 38.89N, 98.8W |

Occurred with 60 mph winds.

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| RUSSELL COUNTY | | | | |
| 1.8 NE (RSL)RUSSELL MUNI AR | 02/24/07 13:26 CST | | 0 | Thunderstorm Wind (EG 52 kt) |
| | 02/24/07 13:26 CST | | 0 | 38.89N, 98.8W |
| Occurred with dime sized hail. | | | | |
| RUSSELL COUNTY | | | | |
| 2.1 NW DORRANCE | 02/24/07 14:39 CST | | 0 | Thunderstorm Wind (EG 50 kt) |
| | 02/24/07 14:39 CST | | 0 | 38.87N, 98.61W |
| A powerful area of low pressure and associated strong cold front sparked severe thunderstorms across portions of mainly Central Kansas during the late morning to mid afternoon hours. | | | | |
| RUSSELL (KS-Z032), LINCOLN (KS-Z033), BARTON (KS-Z047), ELLSWORTH (KS-Z048), SALINE (KS-Z049), RICE (KS-Z050), MCPHERSON (KS-Z051), MARION (KS-Z052), RENO (KS-Z067), HARVEY (KS-Z068), BUTLER (KS-Z069), KINGMAN (KS-Z082), SEDGWICK (KS-Z083), HARPER (KS-Z091), SUMNER (KS-Z092) | | | | |
| | 02/24/07 14:47 CST | | 10K | High Wind (MAX 52 kt) |
| | 02/24/07 22:00 CST | | 0 | |
| Very strong winds moved southeast across portions of Central and South-Central Kansas during the afternoon and evening hours of February 24th, 2007, behind a strong cold front surging southeast across the area. Sustained 40 to 45 mph winds were common, with gusts ranging from 50 to 60 mph. Minor structural damage consisting of sporadic downed powerlines, tree limbs, and even a few downed powerpoles was reported, mainly across Central Kansas. Additionally, moderate to heavy snow occurred briefly with the strong winds, drastically reducing visibilities across mainly Central Kansas. The reduced visibilities and slick conditions resulted in a few traffic accidents. | | | | |
| GREENWOOD COUNTY | | | | |
| 0.9 SE EUREKA | 02/28/07 17:42 CST | | 0 | Hail (1.00 in) |
| | 02/28/07 17:42 CST | | 0 | 37.81N, 96.29W |
| WOODSON COUNTY | | | | |
| 5.6 N BATESVILLE | 02/28/07 17:57 CST | | 0 | Hail (1.00 in) |
| | 02/28/07 17:57 CST | | 0 | 37.91N, 95.86W |
| WOODSON COUNTY | | | | |
| 2.6 SE BURT | 02/28/07 18:24 CST | | 0 | Thunderstorm Wind (EG 61 kt) |
| | 02/28/07 18:24 CST | | 0 | 37.94N, 95.74W |
| WOODSON COUNTY | | | | |
| 2.2 W NEOSHO FALLS | 02/28/07 18:33 CST | | 0 | Tornado (EF0, L: 0.25 mi , W: 50 yd) |
| | 02/28/07 18:36 CST | | 0 | 38N, 95.59W |
| Two small rope tornadoes briefly touched down in an open field. No damage was reported. | | | | |
| ALLEN COUNTY | | | | |
| 0.7 N CARLYLE | 02/28/07 19:01 CST | | 0 | Tornado (EF0, L: 0.10 mi , W: 20 yd) |
| | 02/28/07 19:03 CST | | 0 | 38.01N, 95.4W |
| Small rope tornado touched down briefly in open field. No damage was reported. | | | | |
| ALLEN COUNTY | | | | |
| 2.1 N CARLYLE | 02/28/07 19:07 CST | | 0 | Tornado (EF0, L: 0.25 mi , W: 250 yd) |
| | 02/28/07 19:09 CST | | 0 | 38.0301N, 95.4W |
| Three tornadoes combined into one relatively large wedge tornado. There was no known damage produced by this tornado. | | | | |
| CHASE COUNTY | | | | |
| 1.5 NNE SAFFORDVILLE | 02/28/07 21:15 CST | | 0 | Hail (0.75 in) |
| | 02/28/07 21:15 CST | | 0 | 38.4N, 96.39W |
| Hail covered the ground. | | | | |

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CHASE COUNTY

| | | | | |
|------------------------|--------------------|---|---|----------------|
| 0.5 W COTTONWOOD FALLS | 02/28/07 21:31 CST | 0 | 0 | Hail (0.88 in) |
| | 02/28/07 21:31 CST | 0 | 0 | 38.37N, 96.54W |

Hail covered the ground.

A powerful area of low pressure approaching from the southwest spawned severe thunderstorms across East-Central and Southeast Kansas during the evening hours of February 28th.