



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2005

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons | | Estimated Damage | | Character of Storm |
|--|------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|-------|--------------------------|
| | | | | | Killed | Injured | Property | Crops | |
| <u>KANSAS, Southeast</u> | | | | | | | | | |
| Reno County 2 N Haven | 07 | 1520CST | | | 0 | 0 | | | Hail(0.75) |
| CO-OP Observer. | | | | | | | | | |
| Reno County 5 NNE Hutchinson | 12 | 1634CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Mcpheerson County 2 SW Inman | 12 | 1638CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Mcpheerson County 7 SW Inman | 12 | 1638CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| KSZ051-051 Mcpheerson | 12 | 1715CST 2015CST | | | 0 | 0 | | | Flood |
| Widespread street flooding. | | | | | | | | | |
| Mcpheerson County 1 S Mc Pherson | 12 | 1715CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Downed large limbs. | | | | | | | | | |
| Mcpheerson County 6 SW Mc Pherson | 12 | 1725CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Mcpheerson County 3 SSW Lindsborg | 12 | 1739CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Rice County 1.5 NW Raymond | 17 | 1700CST | | | 0 | 0 | | | Hail(1.75) |
| Harper County 2.5 SW Harper | 17 | 1739CST | | | 0 | 0 | | | Hail(1.00) |
| Harper County 9 NW Attica | 18 | 1537CST | | | 0 | 0 | | | Hail(0.75) |
| Kingman County Zenda | 18 | 1751CST | | | 0 | 0 | | | Hail(1.00) |
| AGTAP KM307. | | | | | | | | | |
| Lincoln County 3 S Sylvan Grove | 19 | 1036CST | | | 0 | 0 | | | Hail(1.00) |
| Lincoln County Lincoln | 19 | 1050CST | | | 0 | 0 | | | Hail(1.75) |
| Barton County 8 W Great Bend to 5 SW Great Bend | 19 | 1504CST 1506CST | 3 | 110 | 0 | 0 | 500K | | Tornado (F0) |
| Significant damage at Great Bend Airport. Hangars were unroofed and an unspecified number of aircraft were overturned. This proved to be an anxious moment for Great Bend! After causing extensive damage to the airport, the tornado was moving toward the city when it lifted. The funnel passed directly over the city at tree-top level. The funnel subsequently touched down east of Great Bend, striking two farmsteads five miles east of Barton County Community College. (See 1544 CST entry for details.) (Narrative courtesy Great Bend Tribune.) | | | | | | | | | |
| Barton County Great Bend | 19 | 1511CST | | | 0 | 0 | | | Thunderstorm Wind (EG65) |
| See 1517 CST entry for damage summary. | | | | | | | | | |
| Barton County Great Bend | 19 | 1515CST | | | 0 | 0 | | | Thunderstorm Wind (EG65) |
| See 1517 CST entry for damage summary. | | | | | | | | | |



National Weather Service

Storm Data and Unusual Weather Phenomena



August 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 |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

KANSAS, Southeast

Barton County

Great Bend

19 1517CST 0 12 5M Thunderstorm Wind (EG65)

Extensive damage throughout Great Bend! Ten buildings sustained major roof or structural damage. One such casualty was the Travelodge, where the roof was peeled and twisted off part of the motel resulting in water damage to an unspecified number of upstairs guest rooms. In a few instances, the structures were completely unroofed. Numerous vehicles sustained broken windows. Twelve people suffered minor injuries, all of which required treatment at Central Kansas Medical Center. One such injury occurred when the driver of a 2003 Acura had parked his car in the Travelodge parking lot shortly before part of it's roof struck the vehicle. The car's roof and windshield were smashed, trapping him for approximately 15 minutes. Tree damage was extensive and occurred throughout the community, with many trees uprooted. Power lines and power poles downed in and around the city. Power was severed to approximately 5,500 residences. Of the estimated \$5 million damage, \$750,000 was inflicted upon equipment maintained by Midwest Energy, while an estimated \$200,000 to \$250,000 was inflicted upon electrical wires maintained by Aquila Electric. (Narrative courtesy of Great Bend Tribune and Hutchinson News.)

Barton County

5 NE Great Bend to 3 E Great Bend

19 1544CST 4 110 0 0 250K Tornado (F1)
1549CST

Extensive damage to two farmsteads. The damage survey revealed the tornado achieved a strong F-1 rating, meaning it's rotational velocities were around 110 mph. (Narrative courtesy of Wichita Eagle and Hutchinson News.)

Barton County

2 NE Hoisington

19 1546CST 0.5 55 0 0 Tornado (F0)
1547CST

Remained in the country.

Rice County

1 S Bushton

19 1605CST 0.5 55 0 0 Tornado (F0)
1606CST

Remained in the country.

Rice County

4 SW Geneseo

19 1609CST 0.5 55 0 0 Tornado (F0)
1610CST

Remained in the country.

Mcpherson County

Marquette

19 1645CST 0 0 100K Hail(1.75)

Vinyl siding damaged to an unspecified number of homes. (Narrative courtesy of McPherson Sentinal.)

Mcpherson County

Marquette

19 1645CST 0 0 150K Thunderstorm Wind (EG65)

The porches of two homes were destroyed; the first by a large tree that was uprooted and fell onto it, while the second, a small porch, was ripped from the home and tossed onto the roof. Prior to losing it's front porch, the second home was struck by a trampoline. The second home also sustained extensive water damage. Roof damage was extensive throughout the community. The damage estimate assigned is tentative, pending examination by an insurance adjusters. In addition, windows and screens were blown out of many homes. Downed power lines and power poles resulted in loss of power to the entire community. Tree damage was likewise extensive and included many that were uprooted. No doubt the tree damage, be it trees that were uprooted or downed limbs falling onto power lines, contributed to the outages. (Narrative courtesy McPherson Sentinal.)



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2005

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons | | Estimated Damage | | Character of Storm |
|---------------------------------|------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|-------|--|
| | | | | | Killed | Injured | Property | Crops | |
| <u>KANSAS, Southeast</u> | | | | | | | | | |
| Mcpherson County | | | | | | | | | |
| 7 S Marquette | 19 | 1654CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Wilson County | | | | | | | | | |
| Fredonia | 20 | 0345CST | | | 0 | 0 | 150K | | Lightning |
| | | | | | | | | | Front office, restaurant, and scale area of the Fredonia Sales Barn destroyed. (Narrative courtesy of the Wilson County Citizen) |
| Harper County | | | | | | | | | |
| 3 NE Waldron | 24 | 1714CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | AGTAP HP305. |
| Harper County | | | | | | | | | |
| 4 SW Anthony | 24 | 1720CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | AGTAP HP308. |
| Harper County | | | | | | | | | |
| 1 S Freeport | 24 | 1743CST | | | 0 | 0 | | | Thunderstorm Wind (EG56) |
| | | | | | | | | | AGTAP HP202. |
| Sumner County | | | | | | | | | |
| 5 NW Caldwell | 24 | 1751CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | AGTAP SU310. |
| Sumner County | | | | | | | | | |
| 3 SW Mayfield | 24 | 1805CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | AGTAP SU305. |
| Sumner County | | | | | | | | | |
| Wellington | 24 | 1818CST | | | 0 | 0 | | | Thunderstorm Wind (EG61) |
| | | | | | | | | | Downed limbs. AGTAP SU319. |
| Sumner County | | | | | | | | | |
| 2 E Belle Plaine | 24 | 1842CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | AGTAP SU203. |
| Cowley County | | | | | | | | | |
| 4.5 NE Udall | 24 | 1845CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Cowley County | | | | | | | | | |
| Udall | 24 | 1846CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | AGTAP CL105. |
| Butler County | | | | | | | | | |
| Douglass | 24 | 1856CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Cowley County | | | | | | | | | |
| Udall | 24 | 1858CST | | | 0 | 0 | | | Thunderstorm Wind (EG56) |
| | | | | | | | | | Unspecified roof damage. |
| Sedgwick County | | | | | | | | | |
| Derby | 24 | 1900CST | | | 0 | 0 | | | Thunderstorm Wind (EG56) |
| | | | | | | | | | AGTAP SG135. |
| Sedgwick County | | | | | | | | | |
| Wichita | 24 | 1900CST | | | 0 | 0 | 0.50K | | Thunderstorm Wind (EG65) |
| | | | | | | | | | Downed 8 inch diameter limb fell onto fence. Event occurred 1 mile north of NWS forecast office. |
| Sedgwick County | | | | | | | | | |
| 3 SW Wichita | 24 | 1903CST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG65) |
| | | | | | | | | | Flag pole blown over at Pawnee/Maize intersection. |
| Reno County | | | | | | | | | |
| 1 NW Castleton | 24 | 1932CST | | | 0 | 0 | | | Thunderstorm Wind (EG56) |
| | | | | | | | | | AGTAP RN406. |



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2005

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons | Estimated Damage | | | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|----------------------|---------------------|----------|-------|--------------------|
| | | | | | Killed | Injured | Property | Crops | |

KANSAS, Southeast

Elk County

| | | | | | | | | | |
|---------------|----|---------|--|--|---|---|--|--|---------------------------------|
| Howard | 24 | 1958CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | AGTAP EK104. |

Reno County

| | | | | | | | | | |
|--------------|----|---------|--|--|---|---|--|--|---------------------------------|
| Haven | 24 | 1958CST | | | 0 | 0 | | | Thunderstorm Wind (EG56) |
| | | | | | | | | | Radio Station KFDL. |

Greenwood County

| | | | | | | | | | |
|-------------------|----|---------|--|--|---|---|--|--|-------------------|
| Fall River | 24 | 2009CST | | | 0 | 0 | | | Hail(1.50) |
|-------------------|----|---------|--|--|---|---|--|--|-------------------|

Reno County

| | | | | | | | | | |
|----------------------|----|---------|--|--|---|---|--|--|-------------------|
| 2 S Abbyville | 24 | 2011CST | | | 0 | 0 | | | Hail(0.75) |
|----------------------|----|---------|--|--|---|---|--|--|-------------------|

Woodson County

| | | | | | | | | | |
|---------------------|----|---------|--|--|---|---|--|--|---------------------------------|
| Yates Center | 24 | 2033CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | AGTAP WO106. |

Neosho County

| | | | | | | | | | |
|---------------|----|---------|--|--|---|---|--|--|---------------------------------|
| Thayer | 24 | 2134CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | AGTAP NO101. |

Allen County

| | | | | | | | | | |
|--------------|----|---------|--|--|---|---|--|--|---------------------------------|
| Moran | 24 | 2152CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | AGTAP AL203. |

Butler County

| | | | | | | | | | |
|-------------------|----|---------|--|--|---|---|--|--|--------------------|
| Countywide | 25 | 0300CST | | | 0 | 0 | | | Flash Flood |
| | 26 | 1215CST | | | | | | | |

Rainfalls of 8-10 inches in 12-hour period resulted in major flash flooding! Most of El Dorado evacuated, with many people requiring rescues from vehicles stranded in high water. The following roads & highways were barricaded: Highway 177 one mile south of Cassoday, Bluestem Road barricaded from Highway 400 and Highway 54, as well as many roads in and around El Dorado

Wilson County

| | | | | | | | | | |
|-------------------|----|---------|--|--|---|---|------------|------------|--------------------|
| Countywide | 25 | 0400CST | | | 0 | 0 | 98K | 25K | Flash Flood |
| | | 1300CST | | | | | | | |

Rainfalls of 8.63-12 inches in 12-hour period resulted in major flash flooding! All roads leading into Coyville (located in Northwest Wilson County), were barricaded, thus preventing all access into or out of town. The remainder of Wilson County received around 6 inches of rain during this same 12-hour period. In extreme Northeast Wilson County, flash flooding of Highway 39 resulted in it's closure, preventing travel into or out of the small town of Two Lakes. New Albany, located in extreme West-Central Wilson County, was surrounded by flash flooding. In Neodesha, located in South-Central Wilson County, 6 people were rescued from a truck after being stranded. An estimated 16,000 acres of farmland were affected by the flash flooding. The following is a breakdown of the affected crops, their respective acreage, and percentage of yield losses: Corn: 4,320, 8%; Soybeans: 8800, 60%; Grain sorghum: 2,880, 60%. The flash flooding damaged a total of 14 farm structures. (Agricultural portion of narrative courtesy of USDA Flash Situation Report. Neodesha Derrick contributed to part of this narrative.)

Greenwood County

| | | | | | | | | | |
|-------------------|----|---------|--|--|---|---|--|--|--------------------|
| Countywide | 25 | 0600CST | | | 0 | 0 | | | Flash Flood |
| | | 1500CST | | | | | | | |

The most serious flash flooding occurred on Highway 99, 1 mile south of Climax, which was barricaded from 0815 to approximately 1200 CST. Highway 99 was later barricaded (at 1135) near Hamilton. County roads were flooded countywide

Marion County

| | | | | | | | | | |
|-------------------|----|---------|--|--|---|---|--|--|--------------------|
| Countywide | 25 | 0600CST | | | 0 | 0 | | | Flash Flood |
| | | 1200CST | | | | | | | |

No details as to magnitude.



National Weather Service

Storm Data and Unusual Weather Phenomena



August 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 |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

KANSAS, Southeast

Allen County

| | | | | | | | | | |
|--|----|--------------------|--|--|---|---|--|--|-------------|
| Countywide | 25 | 0610CST 1232CST | | | 0 | 0 | | | Flash Flood |
| Flash flooding occurred primarily in, and around, Petrolia (where primary road leading into and out of town was closed), and Humboldt. In addition, several county roads were flooded. | | | | | | | | | |

Woodson County

| | | | | | | | | | |
|--|----|--------------------|--|--|---|---|--|--|-------------|
| Countywide | 25 | 0615CST 1230CST | | | 0 | 0 | | | Flash Flood |
| Flash flooding was major! The most serious flash flooding occurred 10 miles south of Yates Center, where two families required rescues from their homes and nine horses drowned. Across the southern half of the county, many creeks overflowed their banks. | | | | | | | | | |

Neosho County

| | | | | | | | | | |
|--|----|--------------------|--|--|---|---|--|--|-------------|
| Chanute | 25 | 0830CST 1415CST | | | 0 | 0 | | | Flash Flood |
| Many roads and highways barricaded in and around town, including Highways 39 and 57. | | | | | | | | | |

Chase County

| | | | | | | | | | |
|---|----|--------------------|--|--|---|---|--|--|-------------|
| Cottonwood Falls | 25 | 1110CST 1510CST | | | 0 | 0 | | | Flash Flood |
| Widespread flash flooding of county roads in and around town. | | | | | | | | | |

Neosho County

| | | | | | | | | | |
|---|----|--------------------|--|--|---|---|--|--|-------------|
| 1 S Erie | 25 | 1430CST 1730CST | | | 0 | 0 | | | Flash Flood |
| Levy broke one mile east of Ash Grove Cement Plant, leaving 45 foot hole. | | | | | | | | | |

Wilson County

| | | | | | | | | | |
|--------------|----|-------------------------|--|--|---|---|--|--|------------|
| 6 SE Altoona | 25 | 2050CST AGTAP WL404. | | | 0 | 0 | | | Hail(0.88) |
|--------------|----|-------------------------|--|--|---|---|--|--|------------|

Harper County

| | | | | | | | | | |
|---------------|----|---------|--|--|---|---|--|--|--------------------------|
| 11 SW Anthony | 24 | 1714CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
|---------------|----|---------|--|--|---|---|--|--|--------------------------|

Harper County

| | | | | | | | | | |
|---------------|----|---------|--|--|---|---|--|--|--------------------------|
| 3 SSW Anthony | 24 | 1720CST | | | 0 | 0 | | | Thunderstorm Wind (EG56) |
|---------------|----|---------|--|--|---|---|--|--|--------------------------|

Harper County

| | | | | | | | | | |
|--------------|----|---------|--|--|---|---|--|--|------------|
| 3 SSW Harper | 24 | 1720CST | | | 0 | 0 | | | Hail(0.75) |
|--------------|----|---------|--|--|---|---|--|--|------------|

Harper County

| | | | | | | | | | |
|---------------|----|---------|--|--|---|---|--|--|--------------------------|
| 1 SSE Anthony | 24 | 1743CST | | | 0 | 0 | | | Thunderstorm Wind (EG56) |
|---------------|----|---------|--|--|---|---|--|--|--------------------------|

Sumner County

| | | | | | | | | | |
|-----------------------|----|---------|--|--|---|---|--|--|--------------------------|
| 5 ENE Metcalf Station | 24 | 1751CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
|-----------------------|----|---------|--|--|---|---|--|--|--------------------------|

Sumner County

| | | | | | | | | | |
|---------------|----|---------|--|--|---|---|--|--|--------------------------|
| 6 SW Mayfield | 24 | 1805CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
|---------------|----|---------|--|--|---|---|--|--|--------------------------|

Sumner County

| | | | | | | | | | |
|---------------------|----|---------|--|--|---|---|--|--|--------------------------|
| 9 SSW Wellington | 24 | 1818CST | | | 0 | 0 | | | Thunderstorm Wind (EG61) |
| Downed large limbs. | | | | | | | | | |

KSZ067-069>070-092

| | | | | | | | | | |
|---|----|---------|--|--|---|---|--|--|-------|
| Reno - Butler - Greenwood - Sumner | | | | | | | | | |
| | 24 | 1836CST | | | 0 | 0 | | | Flood |
| | 25 | 0100CST | | | | | | | |
| High water over Whiteside Road 8 miles southwest of Hutchinson. | | | | | | | | | |

Sumner County

| | | | | | | | | | |
|------------------|----|---------|--|--|---|---|--|--|--------------------------|
| 5 E Belle Plaine | 24 | 1841CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
|------------------|----|---------|--|--|---|---|--|--|--------------------------|

Cowley County

| | | | | | | | | | |
|------------|----|---------|--|--|---|---|--|--|--------------------------|
| 1 NE Udall | 24 | 1844CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
|------------|----|---------|--|--|---|---|--|--|--------------------------|

Butler County

| | | | | | | | | | |
|----------|----|---------|--|--|---|---|--|--|--------------------------|
| Douglass | 24 | 1856CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
|----------|----|---------|--|--|---|---|--|--|--------------------------|



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2005

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons | | Estimated Damage | | Character of Storm |
|---------------------------------|------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|-------|--|
| | | | | | Killed | Injured | Property | Crops | |
| <u>KANSAS, Southeast</u> | | | | | | | | | |
| Cowley County | | | | | | | | | |
| Udall | 24 | 1858CST | | | 0 | 0 | 5K | | Thunderstorm Wind (EG61) |
| | | | | | | | | | Unspecified roof damage to a few homes on south side of town. |
| Sedgwick County | | | | | | | | | |
| 1 N Derby | 24 | 1900CST | | | 0 | 0 | | | Thunderstorm Wind (EG56) |
| Sedgwick County | | | | | | | | | |
| Wichita | 24 | 1900CST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG61) |
| | | | | | | | | | Downed 8-inch diameter limb fell onto fence. |
| Sedgwick County | | | | | | | | | |
| 3 SW Wichita | 24 | 1901CST | | | 0 | 0 | 1K | | Thunderstorm Wind (EG56) |
| | | | | | | | | | Large flag pole blown down at Pawnee/Maize intersection. |
| Sedgwick County | | | | | | | | | |
| 3 W Wichita | 24 | 1911CST | | | 0 | 0 | 12K | | Thunderstorm Wind (EG56) |
| | | | | | | | | | Around 12 homes sustained roof damage with a few trees uprooted. (KSN Channel 3) |
| Reno County | | | | | | | | | |
| 11 E Arlington | 24 | 1932CST | | | 0 | 0 | | | Thunderstorm Wind (EG56) |
| Reno County | | | | | | | | | |
| 7 SE Hutchinson | 24 | 1932CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Elk County | | | | | | | | | |
| 1 SE Howard | 24 | 1958CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Reno County | | | | | | | | | |
| Haven | 24 | 1958CST | | | 0 | 0 | | | Thunderstorm Wind (EG56) |
| | | | | | | | | | Radio station KFDI. |
| Greenwood County | | | | | | | | | |
| Fall River | 24 | 2008CST | | | 0 | 0 | | | Hail(1.50) |
| Reno County | | | | | | | | | |
| 2 E Abbyville | 24 | 2022CST | | | 0 | 0 | | | Hail(0.75) |
| Woodson County | | | | | | | | | |
| 1 N Yates Center | 24 | 2022CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Woodson County | | | | | | | | | |
| 9 NNE Yates Center | 24 | 2053CST | | | 0 | 0 | | | Hail(0.88) |
| Neosho County | | | | | | | | | |
| 5 NNW Thayer | 24 | 2134CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Allen County | | | | | | | | | |
| 2 S Moran | 24 | 2135CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Neosho County | | | | | | | | | |
| Chanute | 24 | 2135CST | | | 0 | 0 | | | Thunderstorm Wind (MG50) |
| | | | | | | | | | Chanute Martin Johnson Airport ASOS. |
| Allen County | | | | | | | | | |
| 2 S Moran | 24 | 2152CST | | | 0 | 0 | | | Thunderstorm Wind (EG56) |
| Chautauqua County | | | | | | | | | |
| 4 S Cedar Vale | 26 | 1659CST | | | 0 | 0 | | | Hail(0.75) |
| Montgomery County | | | | | | | | | |
| 5 NW Coffeyville | 26 | 1813CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | Downed limbs. |
| Montgomery County | | | | | | | | | |
| Coffeyville | 26 | 1815CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | Downed limbs. (CO-OP Observer.) |



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2005

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons | | Estimated Damage | | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|-------|--------------------|
| | | | | | Killed | Injured | Property | Crops | |

KANSAS, Southeast

| | | | | | | | | | |
|-------------------|----|---------|--|--|---|---|--|--|--------------------------|
| Montgomery County | | | | | | | | | |
| Coffeyville | 26 | 1819CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |