



August 2003 Time Local/ Standard Path Length (Miles) Number of Persons Killed Injured Estimated
Damage
erty Crops Path Width (Yards)

ARKANSAS, Northwest							
Crawford County Van Buren	<b>01</b> Thundoutag		d at 70 miles an hour l	<b>0</b> olew dowi	0 n numerou	25K us trees. Power lines we	Thunderstorm Wind (EG61) ere also knocked down causing power
Sebastian County Ft Smith	limbs		ome homes and a bus	siness. Tl	ne wind a	lso blew out windows of	Thunderstorm Wind (EG70) nes. The wind and falling trees and of several homes and businesses and
Franklin County Charleston	01	2033CST		0	0		Thunderstorm Wind (EG52)
Sebastian County Mansfield	01	2035CST		0	0		Thunderstorm Wind (EG52)
Sebastian County Ft Smith	03 Thun	0449CST derstorm winds estimated	d at 70 miles an hour t	0 olew large	0 tree limb	<b>5K</b> s and power lines down	Thunderstorm Wind (EG61)
Crawford County Van Buren	03 Thund	0451CST derstorm winds estimated	d at 70 miles an hour b	0 blew dowr	0 a large tre	<b>5K</b> e limbs and power lines	Thunderstorm Wind (EG61)
Madison County 5 S Witter	03	0645CST		0	0		Hail(0.75)
Carroll County Rudd	21	1450CST		0	0		Hail(1.75)
Carroll County Rudd	<b>21</b> Thun	1450CST derstorm winds estimated	d at 70 miles an hour t	0 blew trees	0 down.		Thunderstorm Wind (EG61)
Franklin County 2 N Ozark	21	1515CST		0	0		Thunderstorm Wind (EG52)
Franklin County 3 N Ozark	21	1525CST		0	0		Hail(0.75)
Carroll County Berryville	21 Thund	1530CST derstorm winds estimated	d at 70 miles an hour b	0 blew powe	0 er lines do	<b>3K</b> wn.	Thunderstorm Wind (EG61)
Carroll County 3 W Berryville	21	1545CST		0	0		Hail(0.88)
Crawford County Chester	21	1555CST		0	0		Hail(0.75)
Crawford County Chester	<b>21</b> Thund	1555CST derstorm winds estimated	d at 60 miles an hour b	0 blew tree l	<b>0</b> imbs dow	n.	Thunderstorm Wind (EG52)
Washington County Farmington	22	1815CST		0	0		Hail(1.00)
Washington County Farmington	22 Thund	1815CST derstorm winds estimated	d at 70 miles an hour b	0 blew dowr	0 n trees and	<b>3K</b> power lines.	Thunderstorm Wind (EG61)



Hector

#### National Weather Service Storm Data and Unusual Weather Phenomena



Thunderstorm Wind (EG52)

August 2003 Time Local Path Length Path Number of Estimated Persons Damage Width **OKLAHOMA**, Eastern **Osage County** Barnsdall 01 1530CST 0 0 30K Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour tipped over a mobile home just east of Barnsdall. No injuries were reported. **Osage County** 2 S Wynona 1645CST Thunderstorm Wind (MG51) 01 O A 59 mile an hour wind gust was recorded by an Oklahoma mesonet site. **Wagoner County** 3 N Broken Arrow 01 1705CST 0 0 10K Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour damaged a barn including ripping it sheet metal roof off. There were also power outages in the area due to a blown tranformer. **Tulsa County** 7 ENE Tulsa 01 1709CST 0 Hail(1.00) Quarter size hail fell near the intersection of Pine Street and Highway 169 or 7 miles east northeast of downtown Tulsa **Tulsa County** 1711CST Owasso 01 Hail(0.75) **Wagoner County** 01 1720CST Hail(0.75) Coweta Wagoner County Coweta 01 25K Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew down roughly 20 good size trees and numerous tree limbs. Power lines and power poles were also blown down leaving much of the city without power. **Creek County** Kiefer 0 25K Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew down large trees. Some of the tree limbs fell on houses causing roof damage. A storm siren was also damage by the wind. **Tulsa County** Thunderstorm Wind (EG61) Owasso 01 50K Thunderstorm winds estimated at 70 miles an hour blew down power lines causing power outages and ripped shingles from the roofs **Tulsa County** 3 E Glenpool 1736CST 25K Thunderstorm Wind (EG70) Thunderstorm winds were estimated at 80 miles an hour by an off duty national weather service employee. Several homes in the neighborhood had shingles blow off their roof and power was also interrupted by the storm. **Okmulgee County** 4 W Hector 01 1740CST Thunderstorm Wind (MG60) An Oklahoma mesonet site recorded a 69 mile an hour wind gust. **Tulsa County** Tulsa 01 1742CST 50K Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew down numerous large trees, tree limbs and power lines mainly across the southern part of the city of Tulsa. Some cars were damaged by the debris and up to 38,000 customers lost power. **Okmulgee County** 

Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.



Sequoyah County

01

1912CST

Gore

# National Weather Service Storm Data and Unusual Weather Phenomena



August 2003 Time Local Path Length Path Number of Estimated Width Persons Damage **OKLAHOMA**, Eastern **Rogers County** 6 W Claremore 01 1745CST 0 0 Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew down a tree. **Tulsa County Jenks** 01 1745CST 10K Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew down trees and ripped part of a sheet metal roof off a storage building at a lumber company. A sign was also blown off it hinges at another business. **Tulsa County** 2 S Jenks 01 1745CST Thunderstorm Wind (MG55) A 63 mile an hour winds gust was measured by a spotter near the intersection of 121st street and Peoria Avenue. **Tulsa County Bixby** 01 1750CST 10K Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew down several trees and power lines. **Wagoner County** 5 S Coweta 01 50K Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew a tree down onto a mobile home almost completely destroying it. A man inside the mobile home was cut by debris flying off the headboard of his bed during the impact. **Muskogee County** 5 SSE Haskell 1805CST Thunderstorm Wind (MG50) A thunderstorm wind of 58 miles an hour was recorded at an Oklahoma mesonet site. **Wagoner County** 01 1805CST 0 Thunderstorm Wind (EG52) Wagoner 0 Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs. **Cherokee County** 1 W Hulbert 01 1812CST Thunderstorm Wind (EG61) **Mayes County Locust Grove** Thunderstorm Wind (EG61) 1815CST Thunderstorm winds estimated at 70 miles an hour blew down a tree. **Muskogee County** 01 1841CST Thunderstorm Wind (EG61) Muskogee Thunderstorm winds estimated at 70 miles an hour blew a tree down. **Cherokee County** Thunderstorm Wind (EG52) **Tahlequah** Thunderstorm winds estimated by a spotter at 60 miles an hour blew down power lines. **Mcintosh County** 1900CST Eufaula 01 Lightning A man was struck by lightning while standing in a parking lot near Eufaula Cove on Lake Eufaula. The man was attending a festival at the time. He was taken to a hospital where he was pronounced dead. M29OU **Muskogee County** 2 SE Webbers Falls 01 1912CST 0 0 25K Thunderstorm Wind (EG70) Thunderstorm winds estimated at 80 miles an hour tipped a tractor-trailer over while it was crossing the Arkansas River bridge on Interstate 40. Another tractor-trailer ran into it.

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Thunderstorm Wind (EG52)





August 2003 Time Local Path Length Path Width Number of Estimated Persons Damage **OKLAHOMA**, Eastern **Adair County** 1 E Bunch 01 1915CST 0 0 Thunderstorm Wind (EG52) **Pittsburg County** 5 SW Quinton 01 1920CST 0 Thunderstorm Wind (EG70) Thunderstorm winds estimated at 80 miles an hour blew down numerous large trees. Sequoyah County 01 0 Gans 1936CST 0 Thunderstorm Wind (EG61) Sequoyah County 01 1940CST 0 0 15K Thunderstorm Wind (EG61) Muldrow Thunderstorm winds estimated at 70 miles an hour damaged the roofs of a funeral home and a small shopping mall. **Haskell County** 01 1945CST 0 Thunderstorm Wind (EG70) Keota 0 10K Thunderstorm winds estimated at 80 miles an hour blew trees down and damage the roofs of several homes Sequoyah County Roland 01 1949CST 0 50K Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour caused some damage in and near Roland. A trailer at a RV dealership was blown over in town and a church west of town lost a porch roof. The roof fell on a van Sequoyah County Thunderstorm Wind (EG61) **Sallisaw** 01 1953CST Thunderstorm winds estimated at 70 miles an hour blew down trees. Le Flore County Pocola 01 1956CST 0 Thunderstorm Wind (EG52) **Haskell County** Lequire 01 2000CST Thunderstorm Wind (EG57) Le Flore County 3 ENE Wister 01 2020CST Thunderstorm Wind (MG63) A 73 miles an hour wind gust was recorded by an Oklahoma mesonet site. **Washington County** 5 WNW Bartlesville 02 0002CST 0 0 Hail(0.75) **Washington County** Thunderstorm Wind (EG52) 7 NE Ochelata 5K Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs and stripped some tin from a barn. **Osage County** 2 N Apperson 0100CST 15K Thunderstorm Wind (EG70) Thunderstorm winds estimated at 80 miles an hour overturned a trailer. **Pawnee County** 02 0130CST 0 0 Thunderstorm Wind (EG61) Cleveland 5K Thunderstorm winds estimated at 70 miles an hour blew several trees down. The wind also knocked down power lines causing the whole city to be without power. **Tulsa County** 0330CST 0430CST Tulsa 02 Flash Flood Heavy thunderstorm rains caused severe street flooding in many places across the city of Tulsa



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0800CST 1100CST

#### National Weather Service Storm Data and Unusual Weather Phenomena



August 2003 Time Local/ Path Length Path Number of Estimated Width Persons Damage **OKLAHOMA**, Eastern **Muskogee County** Muskogee 02 0435CST 0 0 5K Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew numerous trees and power lines down. **Wagoner County** 0630CST 0830CST **Central Portion** 02 0 25K Flash Flood Heavy thunderstorm rains caused flash flooding in central Wagoner county between Coweta and Wagoner. Two bridges on secondary roads were washed out. **Osage County** 6 W Hominy 03 0057CST Hail(1.75) **Pawnee County** 03 0113CST Hail(0.88) Cleveland **Okmulgee County** 03 0150CST Thunderstorm Wind (EG61) Okmulgee Thunderstorm winds estimated at 70 miles an hour blew several trees down. **Osage County** 1.5 E Hominy 03 0200CST 0 25K Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew part of the roof and the porch of a mobile home off. An adjacent garage also lost its roof. **Creek County** 03 0211CST Drumright 0 Hail(1.75) **Muskogee County** Haskell 03 0220CST 0 Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew down several large tree limbs and trees **Wagoner County** Okay 0250CST Thunderstorm Wind (EG52) Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs. **Creek County** 03 0300CST Hail(1.75) Depew **Okmulgee County Beggs** 03 0300CST Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew numerous trees down. **Cherokee County** 3 SSW Cookson 03 0345CST 0 0 10K Thunderstorm Wind (EG70) Thunderstorm winds estimated at 80 miles an hour destroyed a boat dock and blew down sixteen trees. **Pawnee County** 3 E Terlton 03 0347CST Hail(0.88) Sequoyah County 2 NW Box 03 Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew down several trees at Tenkiller State Park. **Pittsburg County** 

Heavy thunderstorm rains caused Scipio Road to be closed due to flooding.

Flash Flood





August 2003 Time Local Path Length Path Number of Estimated Width Persons Damage **OKLAHOMA**, Eastern **Pittsburg County** 7 N Ashland 03 0805CST 0 0 Thunderstorm Wind (MG51) An Oklahoma mesonet site recorded at 59 mile an hour wind gust. **Washington County** 2 ENE Copan 05 2055CST Thunderstorm Wind (MG63) An Oklahoma mesonet sit recorded a 72 miles an hour wind gust associated with a thunderstorm. **Washington County** 2 S Copan 05 2107CST Hail(0.88) **Washington County** 2109CST Dewey 05 Hail(1.75) **Washington County** 05 2109CST Thunderstorm Wind (EG65) Dewey 25K Thunderstorm winds estimated at 75 miles an hour caused considerable damage across the Dewey. Utility service was interupted to thousands of customers. **Washington County** Bartlesville 05 2115CST 0 Thunderstorm Wind (EG70) 0 75K Thunderstorm winds estimated at 80 miles an hour did considerable damage in the Bartlesville area. Numerous tree limbs and power lines were blown down. Thousands of people lost power to their homes and businesses with some customers being without power for the better part of three days.. Six homes and two businesses received minor damage while one home sustained major damage. **Rogers County** 6 SW Oologah 05 2151CST Hail(0.75) 0 **Mcintosh County** Eufaula 12 1424CST Hail(0.88) **Mcintosh County** 2 NW Checotah 12 1602CST Hail(0.88) **Tulsa County Bixby** 12 1615CST 5K Thunderstorm Wind (EG52) Thunderstorm winds estimated at 60 miles an hour blew power poles down. Sequoyah County 4 N Sallisaw 12 1625CST 5K Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew down trees and power poles. Cherokee County 6 WNW Cookson 12 1700CST 0 0 Hail(0.88) **Adair County** 0 21 1655CST 0 Hail(0.75) **Baron Pushmataha County** Nashoba 21 1735CST 0 0 Hail(0.75) **Cherokee County** 6 S Peggs 21 1835CST 0 Hail(0.88) **Pushmataha County** 1420CST Hail(1.75) Antlers 22 **Pushmataha County** Antlers 22 1427CST 0 25K Thunderstorm Wind (EG70)

Thunderstorm winds estimated at 80 miles an hour blew down trees and power lines leaving nearly one thousand people without





August 2003 Time Local/ Path Length Path Number of Estimated Width Persons Damage **OKLAHOMA**, Eastern power. The wind also caused some roof damage. **Choctaw County** Hail(0.75) Spencerville 22 1508CST **Latimer County** 5 S Bengal 22 1555CST 0 Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew down a few trees. Sequoyah County 22 1555CST 0 Thunderstorm Wind (EG61) Roland Sequoyah County 22 1557CST 0 Thunderstorm Wind (EG52) Liberty Thunderstorm winds estimated at 60 miles an hour blew the tops of a few pine trees down. The debris landed on a road blocking it. Le Flore County Talihina 22 1559CST Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew a large tree down across a road. Sequoyah County Sallisaw Thunderstorm Wind (EG61) Thunderstorm winds produced by a microburst estimated at 70 miles an hour tore the roofs off of five metal barns at Blue Ribbon Downs. Although three horses were injured, no people were hurt. Le Flore County 2 S Wister 22 1650CST Hail(0.75) **Osage County** Hominy 23 1420CST 25K Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew down trees and power lines. Several buildings also received roof damage **Rogers County** Verdigris 23 1510CST 5K Thunderstorm Wind (EG70) Thunderstorm winds estimated at 80 miles an hour blew trees down and also blew shingles off a few roofs of homes **Cherokee County Tahlequah** 23 1535CST Thunderstorm Wind (EG52) 3K Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs and power lines. **Cherokee County** 1543CST Hail(0.88) Tahlequah 23 0 **Pushmataha County** Moyers 23 1610CST 0 Hail(0.75) **Mayes County** 6 SW Mazie 23 1612CST Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew down trees. **Rogers County** 5 SE Inola 23 1612CST 0 Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew down trees. **Wagoner County** 7 NE Wagoner 23 1615CST 0 Hail(0.75) **Cherokee County** Barber 23 Thunderstorm Wind (EG61)

Thunderstorm winds estimated at 70 miles an hour blew trees down.





August 2003 Time Local Path Length Path Width Number of Estimated Persons Damage OKLAHOMA, Eastern **Muskogee County** 3 N Webbers Falls 23 1640CST 0 0 Hail(0.75) **Muskogee County** 3 N Webbers Falls 1640CST 0 Thunderstorm Wind (EG61) Thunderstorm winds estimated at 70 miles an hour blew some shingles off a roof. Sequoyah County 1 NNW Gore 23 1640CST 0 0 Hail(0.75) **Creek County** 1733CST 0 0 Thunderstorm Wind (EG52) Mounds 23 Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs. **Tulsa County** Countywide 0515CST 1000CST 10K Flash Flood 30 Heavy thunderstorm rains totalling 6.10 inches in Jenks, 5.62 inches in Bixby and around 4 inches across much of the city of Tulsa produced localized flooding across Tulsa County during the morning hours of the 30th. Severe street flooding occurred in parts of Tulsa, Jenks and Broken Arrow while a swollen Duck Creek flooding farmland southwest of Bixby.. A few locations which were particularly impacted were Harvard Avenue between 81st and 91st Streets, Delaware Avenue at 91st Street, Sheridan Avenue at 43rd Street, Interstate 44 near Harvard Avenue, Memorial Avenue at 144th Street and 101st Street South between Mingo and Garnett. In addition, water from street flooding in the downtown parts of Jenks and Glenpool entered a church and a grocery store causing some damage. **Creek County** 0 Flash Flood **Northeast Portion** 30 0 Heavy thunderstorm rains caused flooding across the northeast part of Creek County. Flooding caused the evacuation of several trailers on A Street and B Street in Kiefer. Childers Creek between Kiefer and Sapulpa overflowed and flooded protions of Highway 75A. Another swollen creek southeast of Kiefer flowed over a bridge on 161st Street South between 33rd West Avenue and 49th West Avenue. **Tulsa County** Tulsa 31 Flash Flood

Heavy thunderstorm rains caused severe street flooding across the city of Tulsa. Numerous stalled cars were reported. The water from the night's rain and the previous night's rain caused flooding in Mohawk Park forcing The Tulsa Zoo to be closed that day