



National Weather Service

Storm Data and Unusual Weather Phenomena



March 2004

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
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OKLAHOMA, Western, Central and Southeast

<p>OKZ030>031</p> <p>Pottawatomie - Seminole</p> <p>03 1545CST 04 0130CST</p> <p>On March 3-4, a warm front stalled across southwest and central Oklahoma. The front focused very heavy rainfall along a 50-mile wide band along and southeast of Interstate 44. Rainfall amounts of 1.5 to 3.5 inches were common.</p> <p>As a result of the heavy rains and subsequent runoff, the Little River near Tecumseh rapidly rose above a flood stage of 11 feet during the afternoon of March 3, and crested at 15 feet during the evening of March 3. Minor to moderate flooding occurred for a brief time during the evening of March 3 and early morning of March 4 over agricultural lands near the Little River in Pottawatomie and western Seminole counties.</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>Flood</p>
<p>Oklahoma County</p> <p>Del City</p> <p>04 0230CST 0500CST</p> <p>Locally heavy rainfall caused urban flooding in Del City. Many tenants were temporarily evacuated from the Christie Manor, Willow Park and Pine Bluff apartment complexes.</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>Heavy Rain</p>
<p>OKZ025</p> <p>Oklahoma</p> <p>04 0740CST 1200CST</p> <p>Torrential rainfall produced a brief crest above food stage on the North Canadian River in eastern Oklahoma County during the morning hours of March 4. The river crested at 18.7 feet (1.7 above flood stage) at 9:00 am CST at the Britton Road river gage site near Jones, OK.</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>Flood</p>
<p>Noble County</p> <p>1 N Lucien</p> <p>04 1030CST</p> <p>Lightning caused the tops of two tank batteries to come off and set the oil on fire at Lillian Lease, one mile north of Highway 164</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>Lightning</p>
<p>Tillman County</p> <p>16 E Frederick</p> <p>04 1335CST</p> <p>A grain silo and show barn were destroyed.</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>Thunderstorm Wind (EG74)</p>
<p>Tillman County</p> <p>Grandfield</p> <p>04 1335CST</p> <p>Roof was blown off the pharmacy.</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>Thunderstorm Wind (EG65)</p>
<p>Tillman County</p> <p>3 W Grandfield</p> <p>04 1335CST</p> <p>Wind was measured by the Oklahoma mesonet.</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>Thunderstorm Wind (MG52)</p>
<p>Tillman County</p> <p>11 N Grandfield to 15 N Grandfield</p> <p>04 1336CST 1339CST</p> <p>Power lines were downed between the intersection of Highway 36 and 5 to near Chattanooga.</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>Thunderstorm Wind (EG69)</p>
<p>Tillman County</p> <p>9.5 N Grandfield</p> <p>04 1337CST</p> <p>A hanger with a plane and boat inside was destroyed at the Chattanooga Airport. The irreplaceable plane inside the hanger was heavily damaged.</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>Thunderstorm Wind (EG61)</p>
<p>Comanche County</p> <p>Chattanooga</p> <p>04 1340CST</p> <p>Power lines were reported downed.</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>Thunderstorm Wind (EG69)</p>
<p>Comanche County</p> <p>1 S Chattanooga to 5 S Cache</p> <p>04 1340CST 1347CST</p> <p>Approximately 70 distribution power poles were reported down in this area.</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>0</p> <p>0</p>	<p>Thunderstorm Wind (EG69)</p>



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OKLAHOMA, Western, Central and Southeast

Cotton County

6 W Walters	04	1340CST			0	0	15K		Thunderstorm Wind (EG65)
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A semi-truck was blown over near the Walters toll booth on Interstate 44.

Cotton County

4 NW Cookietown	04	1342CST 1343CST			0	0			Thunderstorm Wind (EG56)
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Jefferson County

3 W Waurika	04	1349CST			0	0			Thunderstorm Wind (EG65)
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Jefferson County

Waurika	04	1350CST			0	0	25K		Thunderstorm Wind (EG69)
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A barn roof was blown off. Trees were also damaged.

Comanche County

Cache	04	1351CST 1353CST			0	1	50K		Thunderstorm Wind (EG65)
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Strong winds ripped off a 2500 square foot section of the roof of the Trading Post. One woman was injured when portions of the roof hit her in the face. A mobile home was also flipped onto its side.

Jefferson County

Waurika	04	1355CST			0	0			Hail(0.75)
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Jefferson County

1 ENE Waurika	04	1355CST			0	0			Thunderstorm Wind (MG56)
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Wind was measured by the Oklahoma mesonet.

Stephens County

2 N Duncan	04	1358CST			0	0	1K		Thunderstorm Wind (EG56)
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Several seven inch diameter trees were downed.

Comanche County

Lawton	04	1400CST 1406CST			0	0	200K		Thunderstorm Wind (MG67)
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Wind gust was measured by ultrimeter anemometer on SW 45th Street at 1404 CST. The house across the street lost many shingles on west facing slope of roof. Power lines were downed across town. The football concession stand at Cameron University was picked up and thrown into a nearby parking lot damaging 50 vehicles.

Comanche County

3 W Medicine Park	04	1405CST			0	0			Thunderstorm Wind (MG75)
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Wind was measured by the Oklahoma mesonet.

Stephens County

Comanche	04	1405CST			0	0			Thunderstorm Wind (EG52)
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Stephens County

Duncan	04	1407CST			0	0			Thunderstorm Wind (EG52)
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Wind was estimated on south side of town.

Comanche County

Lake Latonka	04	1408CST			0	0	100K		Thunderstorm Wind (EG64)
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Several travel trailers and mobile homes were damaged at School House Slough.

Stephens County

Duncan	04	1408CST			0	0	20K		Thunderstorm Wind (EG56)
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A barn was destroyed at the corner of 42nd and Fuller Streets.

Comanche County

1 S Lawton	04	1409CST			0	0			Thunderstorm Wind (EG52)
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Stephens County

Marlow	04	1411CST			0	0	75K		Thunderstorm Wind (EG61)
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A mobile home was severely damaged when its roof was taken off. A roof was also blown off a home. Power lines, tree limbs, and



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OKLAHOMA, Western, Central and Southeast

two fences were downed.

Jefferson County

Cornish **04** **1413CST** **0** **0** **60K** **Thunderstorm Wind (EG61)**
 The siding was stripped from the north side of one house. Another house nearby had the porch roof destroyed and sustained some roof damage on the main part of the house. A chicken house was also blown off its foundation

Stephens County

Velma **04** **1414CST** **0** **0** **150K** **Thunderstorm Wind (EG61)**
 The roofs of three houses were severely damaged. Power lines were also downed and trees uprooted.

Jefferson County

1 N Ringling **04** **1415CST** **0** **0** **Thunderstorm Wind (MG61)**
 Wind was measured by the Oklahoma mesonet.

Jefferson County

1 N Ringling **04** **1420CST** **0** **0** **Thunderstorm Wind (MG53)**
 Wind was measured by the Oklahoma mesonet.

Stephens County

7 NW Velma **04** **1420CST** **0** **0** **Thunderstorm Wind (MG50)**
 Wind was measured by the Oklahoma mesonet.

Carter County

Healdton **04** **1422CST** **0** **0** **15K** **Thunderstorm Wind (EG52)**
 Some shingles were removed from several houses. Several tree limbs were also downed

Grady County

6 ESE Rush Spgs **04** **1427CST** **0** **0** **Thunderstorm Wind (EG52)**

Caddo County

4 S Anadarko **04** **1430CST** **0** **0** **Thunderstorm Wind (EG52)**

Garvin County

Pernell **04** **1430CST** **0** **0** **Thunderstorm Wind (EG52)**

Grady County

Verden **04** **1434CST** **0** **0** **20K** **Thunderstorm Wind (EG56)**
 An old grain silo was toppled.

Love County

Leon **04** **1435CST** **0** **0** **Thunderstorm Wind (EG52)**

Garvin County

6.5 E Hennepin **04** **1438CST** **0** **0** **75K** **Thunderstorm Wind (EG56)**
 A barn and mobile home were damaged on Highway 7, approximately 3 miles west of Interstate 35. A telephone pole was snapped and an outbuilding blown over in this area.

Murray County

4 SW Davis **04** **1441CST** **0** **0** **80K** **Thunderstorm Wind (EG65)**
 A barn roof was blown off. A metal barn was also destroyed along with power lines downed

Murray County

Davis **04** **1441CST** **0** **0** **65K** **Thunderstorm Wind (EG61)**
 The city barn and a few lumber barns were destroyed. A light pole was also broken. Several signs were damaged across town.

Garvin County

Wynnewood **04** **1445CST** **0** **0** **15K** **Thunderstorm Wind (EG56)**
 The roof was blown off a barn.

Carter County

Ardmore **04** **1446CST** **0** **0** **Thunderstorm Wind (EG52)**
 Wind was estimated near the intersection of Highway 70 and Kings Road on the west side of town



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OKLAHOMA, Western, Central and Southeast									
Carter County									
Ardmore	04	1447CST			0	0			Thunderstorm Wind (EG56)
Wind was estimated near the water plant on the north side of town.									
McClain County									
Wayne	04	1449CST			0	0	15K		Thunderstorm Wind (EG56)
A metal storage shed was blown onto its side. Power lines were also downed									
Murray County									
5 WSW Davis	04	1450CST			0	0			Thunderstorm Wind (EG61)
Pottawatomie County									
Asher	04	1450CST			0	0			Hail(0.88)
Pontotoc County									
Roff	04	1456CST			0	0	30K		Thunderstorm Wind (EG56)
Several roofs were damaged. A tree was also downed									
Garvin County									
8 S Stratford	04	1457CST			0	0	30K		Thunderstorm Wind (EG56)
The frame and other materials to a house under construction were destroyed. A RV was turned over onto its roof. A pickup truck was also damaged.									
Johnston County									
5 NE Mill Creek	04	1500CST			0	0			Thunderstorm Wind (EG52)
Marshall County									
5 N Madill	04	1500CST			0	0	0.50K		Thunderstorm Wind (EG56)
An eight inch diameter tree was downed.									
Murray County									
4 NNE Sulphur	04	1500CST			0	0			Thunderstorm Wind (MG53)
Wind was measured by the Oklahoma mesonet.									
Pontotoc County									
Allen	04	1500CST			0	0			Thunderstorm Wind (EG61)
Pontotoc County									
Ada	04	1506CST			0	0	75K		Thunderstorm Wind (EG56)
Power poles were downed. Several small sheds were destroyed. Brooke Trailer Park sustained some damage along with several signs across town.									
Marshall County									
Madill	04	1510CST			0	0	20K		Thunderstorm Wind (EG56)
A porch roof was taken off a house in the Sanders Island View area									
Canadian County									
El Reno	04	1511CST			0	0			Thunderstorm Wind (EG52)
Wind was estimated at the intersection of Highway 66 and 81.									
Marshall County									
Enos	04	1513CST			0	0	90K		Thunderstorm Wind (EG61)
Several homes sustained roof damage. Several outbuildings were also damaged. Many large trees were downed, with some falling on homes.									
Lincoln County									
2 SE Prague	04	1515CST			0	0	125K		Thunderstorm Wind (EG61)
A 30x36 foot sheet metal barn and a 12x24 foot outbuilding were destroyed. A cottonwood tree was also uprooted. At a house nearby, the carport was blown away and two garage windows and south facing windows of the house were broken. The top of a well house was also blown off. The house also sustained some roof damage. Approximately 150 feet of chain link fence was downed.									



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OKLAHOMA, Western, Central and Southeast

Bryan County									
9 W Durant	04	1530CST			0	0			Thunderstorm Wind (EG52)
Coal County									
7 NNE Tupelo	04	1530CST			0	0			Thunderstorm Wind (EG52)
Hughes County									
Atwood	04	1530CST			0	0			Thunderstorm Wind (EG61)
Atoka County									
7 W Caney	04	1552CST			0	0	1K		Thunderstorm Wind (EG56)
Tree limbs were downed.									
Kingfisher County									
3 W Kingfisher	04	1330CST 1830CST			0	2	65K		Flash Flood

Storm total precipitation amounts for the March 4-5 event ranged from 3 to 6+ inches over Kingfisher County with a few totals of 7 to 8 inches reported in the southwestern portions of the county. The heavy rains produced flash flooding along Kingfisher Creek west of the city of Kingfisher during the late afternoon hours of March 4. The flash flooding along Kingfisher Creek stranded two motorists on OK State Highway 33 about 3 miles west of Kingfisher, and water rescues of these individuals were performed by the Kingfisher Fire Department and Oklahoma Highway Patrol. The two persons were subsequently treated for injuries including hypothermia.

Noble County									
1 SE Perry	04	1430CST 1830CST			0	0	25K		Flash Flood

A report from the public indicated that flash flooding had occurred during the afternoon hours of March 4, and that some local roads had washed away and trees had been uprooted by floodwaters near Perry, OK.

OKZ004>008-010-012-017>020-023>024-026-034>035-037 Harper - Woods - Alfalfa - Grant - Kay - Woodward - Garfield - Blaine - Kingfisher - Logan - Payne - Caddo - Canadian - Lincoln - Greer - Kiowa - Tillman

04 06	1630CST 0600CST				0	3	1M	250K	Flood
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On March 4-5, a front progressed slightly northward and an upper level system triggered a round of thunderstorms mainly during the afternoon and evening of March 4. The focus of the very heavy rainfall was along a 100-mile wide swath along and northwest of Interstate 44 from southwestern through central and north central Oklahoma. Rainfall amounts of 2.5 to 5 inches were common with locally heavier amounts up to 8 inches observed in Kingfisher and Blaine counties. A second smaller band of heavy precipitation also fell over northwestern Oklahoma from near Gage to near Freedom Oklahoma. Rainfall totals of 2.5 to 5 inches were observed across this area.

The areas most affected by the heavy rains were in the Cimarron River basin in central Oklahoma, including the Cimarron River mainstem and specific tributaries of the Cimarron River in Kingfisher and Logan counties. Storm total precipitation amounts for the March 4-5 event ranged from 3 to 6+ inches over Kingfisher and northern Logan counties with a few totals of 7 to 8 inches reported in southwestern Kingfisher County. The heavy rains produced flash flooding along Kingfisher Creek west of the city of Kingfisher during the late afternoon hours of March 4. The flash flooding along Kingfisher Creek stranded two motorists on OK State Highway 33 about 3 miles west of Kingfisher, and water rescues of these individuals were performed by the Kingfisher Fire Department and Oklahoma Highway Patrol. The two persons were subsequently treated for injuries including hypothermia.

The heavy runoff along Kingfisher Creek and its tributaries eventually produced flooding in the City of Kingfisher beginning at about 6:00 pm CST on March 4, and eventually blocked U.S. Highway 81 in north Kingfisher by 9 pm CST, and Oklahoma State Highway 33 by 10 pm CST. Kingfisher Creek crested at 23.5 feet, 3.5 feet above flood stage, during the early morning hours of March 5. This crest was the ninth highest crest of record since the mid 1940s. During the event Uncle John Creek also crested one foot below flood stage on the east side of the City of Kingfisher during the late evening hours of March 4

Kingfisher emergency management officials declared a state of emergency and evacuated about 30 residents during the evening of March 4. Officials also reported that 140 privately owned structures incurred flood damage including 87 single-family homes; 12 mobile homes, 37 businesses; 3 churches; and, 4 apartment units. Floodwaters reached depths of 2 to 5 feet in residences inundated by Kingfisher Creek. U.S. Highway 81 and OK State Highway 33 did not reopen until the evening of March 5.



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OKLAHOMA, Western, Central and Southeast

Floodwaters along a small tributary of the Cimarron River 2 miles north of Kingfisher Creek and the City of Kingfisher eroded a railroad track, and caused the derailment of a Union Pacific train at about 5:15 am CST on March 5. Two locomotives and 13 cars of the 32-car train were derailed, and one of the damaged railroad cars, which was filled with automobiles, caught fire after the accident. A nearly 800-foot length of railroad track had to be replaced by the Union Pacific Railroad. Three Union Pacific employees were briefly stranded by the floodwaters, and were eventually rescued and treated for minor injuries, including hypothermia.

Heavy runoff into the Cimarron River in Kingfisher County caused it to crest at flood stage at the OK State Highway 51 Bridge 9 miles east of Okeene, and 2.3 feet above flood stage at the U.S. Highway 81 Bridge 2 miles south of Dover on March 5.

Other tributaries of the Cimarron River in Kingfisher County also flooded from about 3 pm CST on March 4 through about 6 am CST on March 5. Turkey Creek overflowed its banks 2 miles west of Hennessey, overtopping OK State Highway 51 at 4 pm CST on March 4. Little Turkey Creek south of Hennessey also flooded during the afternoon and evening of March 4, and local residents also reported that Lyon Creek had flooded in northeastern Kingfisher County. Numerous secondary roads near all of these creeks were flooded.

Logan County and southern Garfield County were also plagued by moderate to major flooding, which occurred mainly along Skeleton Creek. Storm total precipitation amounts of 4 to 6 inches were observed in the area, and generating tremendous runoff and resulting in flash flooding and flooding.

At the USGS river gage site 3 miles east of Lovell, OK on OK State Highway 74, Skeleton Creek rose above a flood stage of 35 feet at 4:30 pm CST on March 4 and did not fall below flood stage until 2 am CST on March 6. Skeleton Creek crested at 44.5 feet, 9.5 feet above flood stage at 3 am CST on March 5, making it the fifth highest crest of record. A USGS technician reported that the floodwaters covered Highway 74 to a depth of 0.5 feet during the crest.

Reports from local residents indicated that flood depths of 8 to 10 feet were common along Skeleton Creek in Logan County during the crest, and numerous secondary roads and large areas of croplands were inundated by the floodwaters. Otter Creek had also flooded just east of OK State Highway 74 and upstream of its confluence with Skeleton Creek near Lovell during this period, washing out a culvert approximately 5 miles east-northeast of Lovell.

The high flows from upstream locations on the Cimarron River and from Skeleton Creek helped produce minor to moderate flooding along the Cimarron River in Payne County from the late evening hours of March 4 through the evening hours on March 6. The Cimarron River crested at 23 feet or 6 feet above flood stage at 2:30 am CST on March 6. A report from a Logan County emergency management official indicated that widespread flooding of secondary roads and croplands along the Cimarron River occurred during this period in the Pleasant Valley area, or about 5 miles northwest of Coyle, OK. High flows also produced bank erosion along the Twin Lakes community on the north bank of the Cimarron River, just east of the Kingfisher-Logan County line, making one housing structure uninhabitable.

In Kay and Grant counties, heavy rains caused moderate flooding along the Chikaskia River and minor flooding along the Salt Fork of the Arkansas River on March 4-6. The Chikaskia River near Blackwell, OK crested at 31.9 feet or 2.9 feet above flood stage at 9 pm CST on March 5. Several roads were closed in and near Blackwell including Hubbard Road and U.S. Highway 177, and floodwaters covered streets in northeastern and eastern sections of Blackwell.

The Salt Fork of the Arkansas River crested at 19.4 feet or 2.4 feet above flood stage at 3:30 pm CST on March 5 at the river gage site at Tonkawa, OK. The Salt Fork Bridge on U.S. Highway 156 southwest of Ponca City and U.S. Highway 177 south of Ponca City were flooded on March 5 during the crest on the Salt Fork of the Arkansas River. In addition, Grant County emergency management officials reported some minor flood damage in the area, and local roads in and near the town of Jefferson, OK were inundated by floodwaters from Pond and Osage Creeks during this time.

Other flood reports of note:

Harper, Woods and northern Woodward counties: Heavy rainfall totaling 3 to 5+ inches produced minor flooding along the Cimarron River near Waynoka, OK where a crest of 8.4 feet (0.4 feet above flood stage) was observed at 9:30 am CST on March 5.

Southern Blaine, Northern Caddo and western Canadian counties: Storm total precipitation amounts of 2.5 to 6+ inches produced minor flooding along the North Canadian River at the river gage sites near Watonga and Calumet, OK. Moderate flooding occurred along the Canadian River near Bridgeport, OK where a crest of 16.2 feet (2.2 feet above flood stage) was observed at 2:00 am CST on March 5. Residents living along the Canadian River in southern Blaine County reported that river rose 6 feet near the town of Geary, OK.

Lincoln County: The Deep Fork River near Warwick, OK briefly flooded on the afternoon of March 4, cresting 16.9 feet, or 0.9 feet above flood stage at 5:00 pm CST.



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					Killed	Injured	Property	Crops	

OKLAHOMA, Western, Central and Southeast

Alfalfa County: Emergency management officials reported that OK State Highway 11 was closed due to flooding on March 4-5, and that numerous roads and bridges had sustained heavy damage. No details are available at this time.

Greer, Kiowa, Jackson and Tillman Counties: Rainfall totals of 2 to 4+ inches in Greer and Kiowa Counties produced minor flooding along the North Fork of the Red River in southwestern Oklahoma. The river crested at 15.6 feet (1.6 feet above flood stage) at the river gage site 2 miles east of Headrick, OK. Heavy rains and runoff also produced a crest within a half-foot of flood stage along the Salt Fork of the Red River near Mangum, OK during the afternoon of March 4.

Bryan County									
Brown	20	1745CST			0	0			Hail(1.00)
Bryan County									
2 W Durant	20	1806CST			0	0			Hail(1.00)
Harper County									
2 S Buffalo	25	2240CST			0	0			Hail(0.88)
Beckham County									
11 S Erick	27	1225CST			0	0			Hail(0.88)
Ellis County									
12 SE Arnett to 8 SSW Harmon	27	1243CST 1248CST	2	50	0	0			Tornado (F0)

A highly visible tornado was observed in open country. No damage was reported.

Beckham County									
8 SW Sayre	27	1245CST			0	0			Hail(1.00)
Beckham County									
2 SW Sayre	27	1310CST			0	0			Hail(2.50)
Beckham County									
5 E Sayre	27	1314CST			0	0			Hail(1.00)
Dewey County									
Vici	27	1315CST			0	0			Hail(1.00)
Love County									
5 N Marietta	27	1315CST			0	0			Hail(0.88)
Dewey County									
5 WSW Vici	27	1320CST	0.1	20	0	0			Tornado (F0)
This was a brief tornado with no known damage.									
Marshall County									
6 NNW Lebanon	27	1320CST			0	0			Thunderstorm Wind (EG52)
Dewey County									
Vici	27	1330CST			0	0			Hail(1.00)
Woodward County									
4 W Mutual	27	1330CST			0	0			Hail(0.88)
Woodward County									
4 S Sharon to 4.5 SE Sharon	27	1333CST 1342CST	4	250	0	0	15K		Tornado (F1)

A tornado touched down four miles south of Sharon and moved to the east-northeast. A car was blown off state highway 34, 3.8 miles south of Sharon, and a cow was killed by the tornado nearby. Otherwise no other damage is known to indicate the tornado's intensity. At times this tornado was multiple vortex.

Dewey County									
Vici	27	1350CST			0	0			Hail(1.00)
Woodward County									
3 N Mutual	27	1354CST	0.1	10	0	0			Tornado (F0)

Storm chasers observed a brief tornado in open country. No damage was reported.



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Storm Data and Unusual Weather Phenomena



March 2004

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
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OKLAHOMA, Western, Central and Southeast

Beckham County

5 NNW Elk City	27	1400CST			0	0			Hail(1.00)
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Woodward County

6 S Sharon to 6 SSE Sharon	27	1402CST 1403CST	1	100	0	0	1K		Tornado (F1)
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A second thunderstorm developed to the southwest of the first tornadic storm. Spotters observed a tornado with this storm that also crossed state highway 34, a couple of miles south of the tornado produced by the first storm. This tornado also downed several cedar trees.

Woodward County

4 W Mutual	27	1410CST			0	0			Hail(0.88)
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Custer County

11 WNW Clinton	27	1415CST			0	0			Hail(1.75)
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Woodward County

3 NNE Mutual	27	1427CST	0.1	30	0	0			Tornado (F0)
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A brief tornado was observed in open country which produced no known damage.

Pontotoc County

6 W Fittstown	27	1445CST			0	0			Hail(0.75)
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Woodward County

2 N Cedardale	27	1455CST	0.1	10	0	0			Tornado (F0)
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A storm chaser observed a brief tornado in open country. No damage was reported.

Custer County

6 E Butler	27	1500CST 1502CST	0.5	30	0	0			Tornado (F0)
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Numerous storm chasers observed this short-lived tornado touchdown in open country. No damage was reported

Greer County

Brinkman	27	1507CST			0	0			Hail(0.75)
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Custer County

5 E Butler	27	1511CST			0	0			Hail(2.50)
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Woods County

7 E Waynoka	27	1515CST			0	0			Hail(0.88)
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Greer County

Willow	27	1517CST			0	0			Hail(1.00)
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Custer County

4 NNE Custer City	27	1530CST 1531CST	0.3	20	0	0			Tornado (F0)
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Many storm chasers observed a brief, narrow tornado in open country, with no known damage

Washita County

10 W Sentinel	27	1534CST			0	0			Hail(0.75)
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Custer County

2 NW Thomas	27	1554CST	0.1	10	0	0			Tornado (F0)
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Several chasers reported a well-defined funnel cloud moving from near Thomas to near Fay. One storm chaser video taped a weak tornado touching down very briefly northwest of Thomas. No damage was reported.

Dewey County

5 NNW Fay	27	1555CST 1610CST			0	0			Hail(0.88)
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Washita County

Burns Flat	27	1604CST			0	0			Hail(1.00)
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Storm Data and Unusual Weather Phenomena



March 2004

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

OKLAHOMA, Western, Central and Southeast

Blaine County									
1 N Eagle City	27	1620CST			0	0			Hail(1.00)
Blaine County									
Okeene	27	1645CST			0	0			Hail(0.88)
Hail was reported by radio station on north side of town.									
Custer County									
2 S Clinton	27	1650CST			0	0			Hail(2.75)
Hail was reported on Highway 183.									
Washita County									
5 ENE Bessie	27	1652CST			0	0			Funnel Cloud
A well-defined funnel cloud was observed by several storm chasers									
Custer County									
Weatherford	27	1700CST			0	0			Hail(0.88)
Custer County									
7 W Weatherford	27	1705CST			0	0			Hail(1.00)
Woodward County									
2 N Mooreland	27	1745CST			0	0			Hail(1.00)
Blaine County									
13 WSW Geary	27	1750CST			0	0			Hail(0.75)
Garfield County									
2 W Fairmont	27	1752CST			0	0			Hail(0.75)
Woods County									
4 E Waynoka	27	1815CST			0	0			Hail(1.00)
Woodward County									
Mutual	27	1815CST			0	0			Hail(0.88)
Woods County									
2 SE Waynoka	27	1820CST			0	0			Hail(0.75)
Major County									
7 N Chester	27	1825CST			0	0			Hail(0.88)
Noble County									
1 SE Billings	27	1830CST			0	0			Hail(0.75)
Canadian County									
3 N Calumet	27	1833CST			0	0			Hail(1.75)
Woodward County									
1 ESE Cedardale	27	1835CST			0	0			Hail(1.50)
Woods County									
17 SE Waynoka	27	1840CST			0	0			Hail(0.88)
Canadian County									
8 W Okarche	27	1845CST			0	0			Hail(1.00)
Kingfisher County									
10 SW Kingfisher	27	1845CST			0	0			Hail(1.00)
Woods County									
14 SE Waynoka	27	1850CST			0	0			Hail(1.75)
Canadian County									
2 SSW Okarche	27	1854CST	0.1	10	0	0			Tornado (F0)
Two funnel clouds developed south of Okarche with several chasers seeing one tornado touch down briefly. No known damage									



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March 2004

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OKLAHOMA, Western, Central and Southeast

Kingfisher County 2 SE Kingfisher	27	1900CST			0	0			Hail(0.88)
Woodward County 5 E Mutual	27	1904CST			0	0			Hail(0.88)
Kingfisher County Kingfisher	27	1905CST			0	0	20K		Thunderstorm Wind (EG56)
Winds downed fences and damaged an outbuilding on the southwest edge of town									
Major County 18 NNE Chester	27	1920CST			0	0			Hail(0.75)
Alfalfa County 3 WSW Helena	27	2000CST			0	0			Hail(0.75)
Major County 4 NNW Ringwood	27	2005CST			0	0			Hail(0.88)
Alfalfa County Goltry	27	2015CST			0	0			Hail(1.75)
Major County 4 NNW Ringwood	27	2020CST			0	0			Hail(0.75)
Payne County 8 W Stillwater	27	2030CST			0	0			Hail(1.00)
Payne County 5 N Stillwater	27	2049CST			0	0			Hail(1.25)
Noble County 5 SE Morrison	27	2100CST			0	0	10K		Hail(1.00)
Greenhouse roof damaged by hail.									
Kay County 5 SW Blackwell	27	2115CST			0	0			Hail(0.75)
Kay County Blackwell	27	2125CST			0	0			Hail(0.75)
Hail was observed near the intersection of 13th Street and Hubbard Road.									
Kay County 3 N Newkirk	27	2135CST			0	0	15K		Thunderstorm Wind (EG56)
Roof was blown off a barn.									

TEXAS, Western North

Baylor County Bomarton	04	1225CST			0	0	10K		Thunderstorm Wind (EG69)
Mobile home was blown off its anchoring onto highway.									
Baylor County Seymour	04	1236CST 1240CST			0	0	200K		Thunderstorm Wind (EG69)
Windows were blown out and garage doors blown in. Power lines, telephone poles and a few trees were also downed. The gym at the First Baptist Church collapsed. The local Sonic Drive-In sustained some damage with many of the speaker menu's uprooted and tossed across the parking lot. Seymour Hospital also lost some of the roof over the physical therapy area.									
Baylor County Seymour	04	1239CST			0	0			Hail(0.75)



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March 2004

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TEXAS, Western North

Archer County

Megargel **04** **1240CST** **0** **0** **30K** **Thunderstorm Wind (EG61)**
 A storage bin at McCarson's Grain Elevator came off its foundation and rolled into a mobile home pushing it off its props. Several trees were uprooted at the town cemetery and damage was reported at the City Hall.

Archer County

Lake Kickapoo **04** **1254CST** **0** **0** **500K** **Thunderstorm Wind (EG69)**
 Most of the damage in this area was sustained on the north side of the lake. All of the siding was ripped off one home, while the roof on a new two-story home flew off and destroyed a shed. Boats were scattered along the roadside in places far from the lake. A boat dock was also moved many yards. Power lines were downed. In all it was estimated that 31 homes sustained damage, mostly to the rooftops.

Archer County

3 SW Dundee **04** **1256CST** **0** **0** **Hail(0.75)**

Archer County

Archer City **04** **1301CST** **0** **0** **Thunderstorm Wind (EG52)**

Archer County

Holliday **04** **1303CST** **0** **0** **250K** **Thunderstorm Wind (EG69)**
 The Holliday School sustained heavy damage. The south wall of the gym collapsed. A building that was used to store football equipment was destroyed. The restroom next to the football field also lost part of its roof. Extensive damage was seen on the softball field. Debris scattered across the parking lot damaging student and faculty vehicles

Wilbarger County

1 E Harrold **04** **1310CST** **0** **0** **Hail(0.88)**

Wichita County

Electra **04** **1313CST**
1315CST **0** **0** **60K** **Thunderstorm Wind (EG61)**
 A grain bin was damaged. The new Ag barn at Electra High School was damaged. A three car garage was destroyed. The roof of one home and signs across town were also damaged.

Wichita County

Sheppard Afb **04** **1315CST** **0** **0** **Thunderstorm Wind (MG79)**
 Wind was measured by the ASOS at Sheppard AFB (SPS) on northwest side of Wichita Falls.

Wichita County

Wichita Falls **04** **1315CST**
1325CST **0** **0** **750K** **Thunderstorm Wind (EG74)**
 Roof and structural damage was reported on the west side of the city, with three homes destroyed. Many power poles and lines were downed. Many trees were also uprooted and snapped. A semi hauling an empty trailer was also overturned on the southbound overhead freeway near Holliday Road. The roof of a portable classroom at Rider High School was ripped off. Fowler Elementary also lost a corner of its roof.

Wichita County

Burkburnett **04** **1319CST** **0** **0** **100K** **Thunderstorm Wind (EG69)**
 Widespread damage was reported across town. Roofs were damaged or blown away. Many trees and power lines were downed.

Clay County

Petrolia **04** **1338CST** **0** **0** **1K** **Thunderstorm Wind (EG65)**
 A tree was reported downed.

Clay County

2 S Jolly **04** **1342CST** **0** **0** **Thunderstorm Wind (MG50)**



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					Killed	Injured	Property	Crops	

TEXAS, Western North

Clay County

Jolly

04 1345CST
 Power pole reported down on FM2393. A railroad crossing guard was also downed.

0 0 2.5K

Thunderstorm Wind (EG65)