

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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OKLAHOMA, Western, Central and Southeast

OKLAHOMA COUNTY

LUTHER	05/01/07 17:17 CST	0	0	Funnel Cloud
	05/01/07 17:19 CST	0	0	35.67N, 97.2W

A funnel cloud was observed just north of the Turner Turnpike near Luther.

A funnel cloud was observed near Luther.

CLEVELAND COUNTY

4.0 SW LAKE THUNDERBIRD	05/02/07 13:14 CST	0	0	Funnel Cloud
	05/02/07 13:14 CST	0	0	35.1891N, 97.3W

A brief funnel cloud was observed southwest of Lake Thunderbird.

A brief funnel cloud developed from a rain shower on the east side of Norman.

CLEVELAND COUNTY

NORMAN	05/03/07 14:20 CST	0	0	Hail (0.75 in)
	05/03/07 14:20 CST	0	0	35.22N, 97.45W

Reported at 48th and Tecumseh Ave. on the west side of Norman.

POTTAWATOMIE COUNTY

MC LOUD	05/03/07 15:40 CST	0	0	Hail (1.00 in)
	05/03/07 15:40 CST	0	0	35.43N, 97.1W

LOVE COUNTY

1.0 W MARIETTA	05/03/07 16:00 CST	0	0	Hail (0.88 in)
	05/03/07 16:00 CST	0	0	33.93N, 97.1374W

CARTER COUNTY

2.0 ENE ARDMORE	05/03/07 16:25 CST	0	0	Hail (1.00 in)
	05/03/07 16:25 CST	0	0	34.1911N, 97.0977W

LOVE COUNTY

MARIETTA	05/03/07 16:25 CST	0	0	Hail (1.75 in)
	05/03/07 16:25 CST	0	0	33.93N, 97.12W

A series of upper level low pressure centers moved over the southern plains during the first couple of days of May. One low pressure center moved east along the Red River during the afternoon of the 3rd. By afternoon, surface heating combined with several boundaries left over from previous showers and thunderstorms, improving instability, and ample Gulf moisture allowing numerous showers and thunderstorms to develop. Several of thunderstorms became severe, producing large hail and very heavy rain. The largest hail occurred in Love county, where hail up to golf ball size was reported.

ELLIS COUNTY

5.0 SSW SHATTUCK	05/04/07 16:55 CST	0	0	Hail (0.88 in)
	05/04/07 16:55 CST	0	0	36.2032N, 99.9143W

ELLIS COUNTY

8.0 S ARNETT	05/04/07 17:06 CST	0	0	Hail (1.00 in)
	05/04/07 17:06 CST	0	0	36.0143N, 99.77W

Reported by KWTW-9.

ELLIS COUNTY

12.0 SW ARNETT	05/04/07 17:15 CST	0	0	Hail (1.75 in)
	05/04/07 17:15 CST	0	0	36.0073N, 99.9218W

ELLIS COUNTY

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
4.0 SW ARNETT	05/04/07 17:21 CST		0.11M	Tornado (EF1, L: 4.00 mi , W: 50 yd)
3.0 WNW ARNETT	05/04/07 17:45 CST		0	36.0891N, 99.8206W ~ 36.1466N, 99.8196W
Windows were blown out of a house west of Arnett. Surrounding the house, a barn and several outbuildings were destroyed. Farm equipment at the home was also destroyed. Numerous tree limbs and power lines were downed. Monetary damages were estimated.				
ELLIS COUNTY				
2.0 N ARNETT	05/04/07 17:43 CST		0	Hail (1.75 in)
	05/04/07 17:43 CST		0	36.1589N, 99.77W
ELLIS COUNTY				
5.0 ENE ARNETT	05/04/07 17:45 CST		3K	Tornado (EF0, L: 0.20 mi , W: 30 yd)
	05/04/07 17:45 CST		0	36.1577N, 99.6873W
The tornado remained over open country throughout its life span. A few trees, power poles, and power lines were damaged. Monetary damages were estimated.				
ELLIS COUNTY				
10.0 N GAGE	05/04/07 17:55 CST		0	Hail (1.00 in)
	05/04/07 17:55 CST		0	36.4646N, 99.75W
ELLIS COUNTY				
2.0 S HARMON	05/04/07 18:02 CST		0	Hail (1.75 in)
	05/04/07 18:02 CST		0	36.1411N, 99.63W
HARPER COUNTY				
LAVERNE	05/04/07 18:04 CST		0	Hail (0.88 in)
	05/04/07 18:04 CST		0	36.72N, 99.9W
ELLIS COUNTY				
8.0 S FARGO	05/04/07 18:12 CST		0	Hail (2.50 in)
	05/04/07 18:12 CST		0	36.2543N, 99.62W
WOODWARD COUNTY				
11.0 W SHARON	05/04/07 18:12 CST		0	Hail (1.75 in)
	05/04/07 18:12 CST		0	36.28N, 99.5273W
WOODWARD COUNTY				
13.0 WSW SHARON	05/04/07 18:15 CST		0	Hail (2.50 in)
	05/04/07 18:15 CST		0	36.2081N, 99.5453W
WOODWARD COUNTY				
8.0 W SHARON	05/04/07 18:15 CST		0	Hail (3.00 in)
	05/04/07 18:15 CST		0	36.28N, 99.4735W
WOODWARD COUNTY				
5.0 N SHARON	05/04/07 18:30 CST		0	Hail (3.00 in)
	05/04/07 18:30 CST		0	36.3523N, 99.33W
HARPER COUNTY				
9.0 NW BUFFALO	05/04/07 18:37 CST		0	Hail (1.75 in)
	05/04/07 18:37 CST		0	36.922N, 99.735W
WOODWARD COUNTY				
6.0 S WOODWARD	05/04/07 18:40 CST		0	Hail (2.75 in)
	05/04/07 18:40 CST		0	36.3433N, 99.4W

An upper level storm system approached eastern Colorado during the afternoon of the 4th. As the upper level storm system approached a surface low pressure center developed over southeast Colorado, with a warm front extending to the east over the Kansas and Oklahoma border, and a dry line extending south-southeast into western Oklahoma. The dry line retreated to near the Texas and Oklahoma border by late afternoon, and thunderstorms developed east of the dry line over the northeast Texas panhandle. Other thunderstorms developed and quickly became supercellular in northwest Oklahoma. Very large hail and tornadoes - some damaging -

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were reported with these thunderstorms. Monetary values for the tornado damage were estimated.

HARPER COUNTY

LAVERNE	05/05/07 12:55 CST	0	0	Hail (1.75 in)
	05/05/07 12:55 CST	0	0	36.72N, 99.9W

HARPER COUNTY

5.0 S LAVERNE	05/05/07 13:00 CST	0	0	Hail (1.75 in)
	05/05/07 13:00 CST	0	0	36.6477N, 99.9W

HARPER COUNTY

LAVERNE	05/05/07 13:14 CST	0	0	Hail (1.00 in)
	05/05/07 13:14 CST	0	0	36.72N, 99.9W

HARPER COUNTY

LAVERNE	05/05/07 17:00 CST	0	0	Hail (1.00 in)
	05/05/07 17:00 CST	0	0	36.72N, 99.9W

HARPER COUNTY

LAVERNE	05/05/07 17:12 CST	0	0	Hail (0.88 in)
	05/05/07 17:12 CST	0	0	36.72N, 99.9W

ROGER MILLS COUNTY

7.0 ENE REYDON	05/05/07 18:40 CST	0	0	Tornado (EF0, L: 0.80 mi , W: 100 yd)
	05/05/07 18:42 CST	0	0	35.6887N, 99.8049W

A storm chaser reported a tornado with the northern tornadic supercell to the southwest of Roll and east-northeast of Reydon. No damage was reported from this tornado.

BECKHAM COUNTY

MAYFIELD	05/05/07 18:44 CST	0	0	Hail (1.75 in)
	05/05/07 18:44 CST	0	0	35.33N, 99.88W

BECKHAM COUNTY

5.0 NE MAYFIELD	05/05/07 18:54 CST	0	0	Hail (1.25 in)
	05/05/07 18:54 CST	0	0	35.3811N, 99.8173W

WOODWARD COUNTY

6.0 W WOODWARD	05/05/07 19:00 CST	0	0	Thunderstorm Wind (MG 56 kt)
	05/05/07 19:00 CST	0	0	36.43N, 99.5078W

ROGER MILLS COUNTY

1.0 NE CRAWFORD	05/05/07 19:03 CST	0	0	Tornado (EF0, L: 0.30 mi , W: 40 yd)
	05/05/07 19:03 CST	0	0	35.8402N, 99.7874W

Storm chasers reported a second tornado from the northern tornadic storm. This tornado was brief and estimated to have occurred about a mile northeast of Dempsey. No damage was reported.

BECKHAM COUNTY

12.0 N ERICK	05/05/07 19:04 CST	0	5M	Tornado (EF3, L: 2.50 mi , W: 150 yd)
14.5 N ERICK	05/05/07 19:12 CST	1	0	35.3935N, 99.87W ~ 35.4296N, 99.87W

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>This is the first tornado that occurred in Oklahoma with the southern tornadic supercell. The tornado appears to have developed 1/2 mile north of E1130 road and along Highway 30 in northern Beckham County, about 2 1/2 miles south of Sweetwater. The first evidence of a tornado was damage to an outbuilding at a gas facility on the west side of the highway along with some tree damage. The tornado moved north along and parallel to Highway 30, damaging trees, homes and some outbuildings. Damage in this area was mainly in the EF0 range.</p> <p>The most significant damage occurred when the tornado struck the Sweetwater school. At this location, the tornado is estimated to have been 100-150 yards wide. The most significant damage was to a metal building that was the school's multi-purpose building, which was almost completely destroyed. The anchoring that connected the building to the foundation appeared to have failed, allowing all but the most northern section of the building to collapse. A small building that connected this building with the school's gymnasium suffered only slight damage. The gymnasium, at the northwest corner of the school, suffered substantial roof damage, which appeared to have caused the west masonry wall of the school to collapse outward.</p> <p>Other damage on the school property consisted of a small storage building of similar construction as the multi-purpose building being completely destroyed, a bus barn/garage structure suffering damage when the large garage doors blew inward, and damage to trees, power lines and fences.</p> <p>A pick up truck, which had been parked in the school's parking lot, was rolled/tossed approximately 100 yards to the north. A horse trailer that had been near the storage building at the southwest edge of the school property was found more than one quarter mile away in a field.</p> <p>A man suffered minor injuries near this location.</p> <p>Just north of the school, a home was damaged and an oil storage facility was also hit. An oil tank from this location was found approximately 500 yards away.</p> <p>Several animals were killed when a garage was destroyed. A RV was also destroyed. Numerous cars and school buses were damaged/destroyed.</p> <p>The damage to the multi-purpose building at the Sweetwater school is consistent with damage at the low end of the EF-3 scale. The remainder of the damage was primarily in the EF0-EF1 category.</p> <p>The tornado continued and crossed into Roger Mills County. Monetary damages were estimated.</p>				

ROGER MILLS COUNTY

SWEETWATER	05/05/07 19:12 CST		0.15M	Tornado (EF3, L: 5.20 mi , W: 150 yd)
5.0 N SWEETWATER	05/05/07 19:26 CST		0	35.42N, 99.92W ~ 35.4923N, 99.92W

This is a continuation of the tornado that began in northern Beckham about 2 1/2 miles south of Sweetwater.

The tornado continued to produce damage as it moved north along Highway 30 into Sweetwater. The church and post office were damaged...as were several outbuildings and businesses.

Damage continued for approximately 5 miles north of Sweetwater, with some substantial tree damage noted on the west side of Highway 30...and numerous power lines downed.

The tornado appeared to have dissipated just south of E1040 road in southern Roger Mills County. Monetary damages were estimated.

ROGER MILLS COUNTY

4.0 N CRAWFORD	05/05/07 19:16 CST		0	Tornado (EF0, L: 1.00 mi , W: 200 yd)
5.0 N CRAWFORD	05/05/07 19:19 CST		0	35.8878N, 99.8W ~ 35.9023N, 99.8W

Storm chasers observed a third tornado from the northern tornadic supercell that developed just south of the Canadian River in northern Roger Mills County, about 4 miles north of Crawford. The tornado moved north-northeast and crossed into Ellis County. No damage was reported along the path of this tornado.

ELLIS COUNTY

16.0 S ARNETT	05/05/07 19:19 CST		10K	Tornado (EF0, L: 4.00 mi , W: 200 yd)
13.0 S ARNETT	05/05/07 19:33 CST		0	35.8987N, 99.77W ~ 35.9421N, 99.77W

This tornado developed in northern Roger Mills County 4 miles north of Dempsey and moved north-northeast crossing into Ellis County about 16 miles south of Arnett. No damage was reported in this rural area of the county, although the tornado was reported as a wide tornado at times. As the tornado approached U.S. Highway 283, it was reported to be a well-developed cone shaped tornado with occasional multiple vorticies. Tree limbs were reported downed where it crossed U.S. Highway 283. The tornado dissipated about a mile after crossing the highway. Monetary damages were estimated.

ROGER MILLS COUNTY

1.5 SW DEMPSEY	05/05/07 19:32 CST		0	Tornado (EF1, L: 8.50 mi , W: 300 yd)
8.5 W CHEYENNE	05/05/07 19:51 CST		0	35.5047N, 99.8388W ~ 35.62N, 99.8212W

This is the second Oklahoma tornado from the southern tornadic supercell. A church about one mile suffered minor damage about 1 mile north of Dempsey. Three outbuildings were destroyed near Dempsey. Trees, fences and utility poles were destroyed along the entire path of the tornado.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ELLIS COUNTY				
10.0 SSE ARNETT	05/05/07 19:39 CST		0	Tornado (EF0, L: 0.30 mi , W: 30 yd)
	05/05/07 19:39 CST		0	35.9964N, 99.7016W
Emergency management officials reported a tornado touched down briefly about 10 miles south-southeast of Arnett. This tornado caused no known damage. This was the fourth tornado associated with the northern tornadic supercell.				
ELLIS COUNTY				
1.5 SE ARNETT	05/05/07 19:56 CST		0	Tornado (EF0, L: 2.00 mi , W: 50 yd)
2.0 NE ARNETT	05/05/07 20:07 CST		0	36.1147N, 99.751W ~ 36.1504N, 99.7447W
Emergency management officials and storm chasers reported a tornado developed southeast of Arnett, and moved north. The tornado crossed U.S. Highway 60 about 2 miles east of Arnett. This is the fifth and final tornado associated with the northern tornadic supercell.				
ROGER MILLS COUNTY				
6.0 SW ROLL	05/05/07 20:05 CST		5K	Tornado (EF1, L: 7.50 mi , W: 500 yd)
2.5 NW ROLL	05/05/07 20:28 CST		0	35.7187N, 99.7956W ~ 35.8056N, 99.7515W
A third tornado from the southern tornadic supercell occurred from southwest of Roll that initially moved north-northwest, then curved northeast to the northwest of Roll. A shed and well house were destroyed near the initial touchdown of the tornado about 6 miles southwest of Roll. The tornado moved north-northeast on the north side of a creek valley and caused damage to trees and fences along the path. A mobile home suffered minor damage and a barn was destroyed about 6 miles west-southwest of Roll as the tornado turned to a more northerly motion. The tornado then turned to the northeast and caused major damage to an unoccupied house south-southwest of Roll, and another as it passed 2 to 2.5 miles west of Roll. The last damage observed from this tornado was about 2.5 miles northwest of Roll where trees and fences were damaged.				
ROGER MILLS COUNTY				
4.5 NNE ROLL	05/05/07 20:34 CST		5K	Tornado (EF1, L: 0.75 mi , W: 100 yd)
5.3 NNE ROLL	05/05/07 20:36 CST		0	35.8401N, 99.6893W ~ 35.8508N, 99.6838W
A tornado touched down in far northern Roger Mills county, and moved northeast crossing the Canadian River into Ellis County. Some tree damage was noted about 4.5 miles north-northeast of Roll in Roger Mills County. This is the fourth tornado in Oklahoma from the southern supercell. Monetary damages were estimated.				
ELLIS COUNTY				
21.0 SSW HARMON	05/05/07 20:36 CST		0.61M	Tornado (EF2, L: 7.25 mi , W: 300 yd)
17.0 SSW HARMON	05/05/07 20:58 CST	1	0	35.8895N, 99.7737W ~ 35.9429N, 99.7463W
This tornado developed 4 miles north-northeast of Roll in northern Roger Mills County and crossed the Canadian River into southern Ellis County at 9:36 pm CDT. Two houses and two mobile homes were destroyed in the "Packsaddle" area of southern Ellis County to the east of US Highway 283 (about 18 miles south-southwest of Harmon), and a roof was removed from another mobile home. At least one of these homes suffered a complete removal of the roof and some damage to the exterior walls. Several cars were damaged or destroyed, as well as trees and power lines. Monetary values were estimated.				
ELLIS COUNTY				
9.0 ESE HARMON	05/05/07 21:50 CST		0	Tornado (EF0, L: 1.00 mi , W: 100 yd)
10.0 E HARMON	05/05/07 21:51 CST		0	36.1202N, 99.4811W ~ 36.17N, 99.4509W
A tornado developed in far southeastern Ellis County about 9 miles east-southeast of Harmon. It moved east-northeast into Dewey County near U.S. Highway 60 and eventually moved into Woodward County before it dissipated east-northeast of Sharon. There was no known damage in Ellis County. This was the beginning of the fifth and final tornado in Oklahoma from the southern tornadic supercell.				
DEWEY COUNTY				
5.0 W VICI	05/05/07 21:51 CST		15K	Tornado (EF1, L: 2.50 mi , W: 400 yd)
2.5 WNW VICI	05/05/07 21:55 CST		0	36.15N, 99.3895W ~ 36.1638N, 99.3414W
This is the continuation of the tornado that began in northeastern Ellis county. The tornado moved across the extreme northwest tip of Dewey county west and northwest of Vici before moving into Woodward County south of Sharon. The only reported damage in Dewey county was downed power lines. Monetary damages were estimated.				
WOODWARD COUNTY				
7.5 S SHARON	05/05/07 21:55 CST		0.30M	Tornado (EF2, L: 13.50 mi , W: 600 yd)
6.0 ENE SHARON	05/05/07 22:30 CST		0	36.1716N, 99.33W ~ 36.3132N, 99.2306W

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<p>This tornado developed about 7.5 miles south of Sharon and moved northeast. Near the beginning of the tornado path, substantial damage was noted along EW 57 Road, about two miles north of the county line, and about one mile west of Highway 34. At this location, much of the roof of a single story home was removed, an old rail car being used to store dry cement bags and animal feed was thrown and/or rolled about 140 feet south of the residence, trees and large limbs were snapped, and a pickup truck was moved about 80 feet.</p> <p>Beyond this location, the tornado moved through very rural areas and damage was sparse through portion of the tornado's path. Damage to structures was again noted along a path beginning about 4 miles east of Sharon. In this area, a barn was destroyed and an outbuilding had its windows blown out. Further northeast along the path, more outbuildings were damaged, at least two barns were destroyed, a recreational vehicle was destroyed, and a semi trailer overturned. Several large trees were also downed as the tornado continued northeast before dissipating about 6 miles east northeast of Sharon, just south of Highway 183. In total, 56 utility poles were destroyed along the tornado's path.</p> <p>Monetary damages were estimated.</p>				
WOODWARD COUNTY				
1.0 S SHARON	05/05/07 22:00 CST	0		Hail (1.75 in)
	05/05/07 22:00 CST	0		36.2655N, 99.33W
WOODWARD COUNTY				
5.0 E SHARON	05/05/07 22:25 CST	0		Hail (1.75 in)
	05/05/07 22:25 CST	0		36.28N, 99.2403W
WOODWARD COUNTY				
3.0 E CURTIS	05/05/07 22:31 CST	0		Hail (0.88 in)
	05/05/07 22:31 CST	0		36.45N, 99.0761W
WOODWARD COUNTY				
MOORELAND	05/05/07 22:38 CST	0		Hail (0.88 in)
	05/05/07 22:38 CST	0		36.43N, 99.2W
<p>An upper level storm system moved slowly into south central Colorado during the afternoon. A dry line had become established and was located along the Oklahoma and Texas panhandle border. Also, favorable upper level winds were rotating around the upper level storm system, crossing the dryline over western Oklahoma. As the afternoon progressed, convergence along the dryline became maximized over this area. Thunderstorms developed during the afternoon hours and they quickly became supercells. Two of the supercells produced several tornadoes. The northern tornadic storm produced five tornadoes from southwest of Roll to just east of Arnett. The southern tornadic storm also produced five tornadoes in Oklahoma from near Sweetwater to near Sharon. Large hail was also observed. The supercells moved northeast out of Oklahoma during the late evening hours. Monetary values for the tornado damage were estimated.</p>				
WOODWARD COUNTY				
6.0 E MUTUAL	05/06/07 07:20 CST	0		Thunderstorm Wind (MG 52 kt)
	05/06/07 07:20 CST	0		36.23N, 99.0625W
WOODWARD COUNTY				
6.0 SE MUTUAL	05/06/07 07:25 CST	0		Thunderstorm Wind (MG 52 kt)
	05/06/07 07:25 CST	0		36.1687N, 99.094W
WOODS COUNTY				
9.0 SE ALVA	05/06/07 08:35 CST	0		Hail (0.75 in)
	05/06/07 08:35 CST	0		36.708N, 98.5552W
ALFALFA COUNTY				
2.0 W BURLINGTON	05/06/07 08:50 CST	0		Hail (0.88 in)
	05/06/07 08:50 CST	0		36.9N, 98.4562W
ALFALFA COUNTY				
2.0 W BURLINGTON	05/06/07 08:50 CST	0		Thunderstorm Wind (EG 52 kt)
	05/06/07 08:50 CST	0		36.9N, 98.4562W
ALFALFA COUNTY				
2.0 W BURLINGTON	05/06/07 09:00 CST	0		Hail (0.88 in)
	05/06/07 09:00 CST	0		36.9N, 98.4562W

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HARMON COUNTY				
HOLLIS	05/06/07 11:41 CST	0		Hail (1.00 in)
	05/06/07 11:41 CST	0		34.68N, 99.92W
HARPER COUNTY				
4.0 E ROSSTON	05/06/07 11:41 CST	0		Hail (1.00 in)
	05/06/07 11:41 CST	0		36.82N, 99.8578W
HARMON COUNTY				
3.0 SW HOLLIS	05/06/07 13:30 CST	0		Hail (0.75 in)
	05/06/07 13:30 CST	0		34.6493N, 99.9573W
ROGER MILLS COUNTY				
1.0 W CHEYENNE	05/06/07 13:40 CST	0		Hail (0.75 in)
	05/06/07 13:40 CST	0		35.62N, 99.6878W
HARMON COUNTY				
HOLLIS	05/06/07 13:45 CST	0		Hail (1.00 in)
	05/06/07 13:45 CST	0		34.68N, 99.92W
ROGER MILLS COUNTY				
7.0 NNE CHEYENNE	05/06/07 13:55 CST	0		Hail (0.88 in)
	05/06/07 13:55 CST	0		35.7135N, 99.6223W
HARMON COUNTY				
9.0 NNE HOLLIS	05/06/07 14:17 CST	0		Hail (1.00 in)
	05/06/07 14:17 CST	0		34.8002N, 99.8594W
HARMON COUNTY				
5.0 NNE HOLLIS	05/06/07 14:23 CST	0		Hail (0.75 in)
	05/06/07 14:23 CST	0		34.7468N, 99.8863W
HARMON COUNTY				
HOLLIS	05/06/07 14:41 CST	0		Hail (0.75 in)
	05/06/07 14:41 CST	0		34.68N, 99.92W
HARMON COUNTY				
HOLLIS	05/06/07 14:44 CST	0		Hail (0.75 in)
	05/06/07 14:44 CST	0		34.68N, 99.92W
WOODS COUNTY				
10.0 NNE CAMP HOUSTON	05/06/07 14:50 CST	0		Hail (0.88 in)
	05/06/07 14:50 CST	0		36.9536N, 99.0508W
WOODWARD COUNTY				
WOODWARD	05/06/07 15:08 CST	0		Hail (0.75 in)
	05/06/07 15:08 CST	0		36.43N, 99.4W
WOODS COUNTY				
1.0 E FREEDOM	05/06/07 15:35 CST	0		Hail (0.75 in)
	05/06/07 15:35 CST	0		36.77N, 99.102W
WOODWARD COUNTY				
MOORELAND	05/06/07 15:35 CST	0		Hail (1.00 in)
	05/06/07 15:35 CST	0		36.43N, 99.2W
HARMON COUNTY				

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8.0 NNW HOLLIS	05/06/07 16:15 CST		0	Hail (1.00 in)
	05/06/07 16:15 CST		0	34.7869N, 99.9739W
HARMON COUNTY				
4.0 N MADGE	05/06/07 17:11 CST		0	Hail (0.75 in)
	05/06/07 17:11 CST		0	34.9578N, 99.95W
BECKHAM COUNTY				
5.0 S CARTER	05/06/07 17:15 CST		0	Hail (0.75 in)
	05/06/07 17:15 CST		0	35.1477N, 99.5W
BECKHAM COUNTY				
5.0 S CARTER	05/06/07 17:15 CST		0	Thunderstorm Wind (EG 52 kt)
	05/06/07 17:15 CST		0	35.1477N, 99.5W
CUSTER COUNTY				
FOSS RES	05/06/07 17:33 CST		0	Hail (1.75 in)
	05/06/07 17:33 CST		0	35.57N, 99.23W
CUSTER COUNTY				
5.0 W CUSTER CITY	05/06/07 18:20 CST		0	Thunderstorm Wind (EG 52 kt)
	05/06/07 18:20 CST		0	35.67N, 98.969W
GREER COUNTY				
7.0 W BRINKMAN	05/06/07 19:15 CST		0	Hail (0.75 in)
	05/06/07 19:15 CST		0	35.02N, 99.6436W
BECKHAM COUNTY				
12.0 SSW ERICK	05/06/07 19:23 CST		0	Hail (0.75 in)
	05/06/07 19:23 CST		0	35.0597N, 99.9512W
SEMINOLE COUNTY				
2.0 ENE SEMINOLE	05/06/07 20:23 CST		40K	Tornado (EF0, L: 0.20 mi , W: 20 yd)
	05/06/07 20:23 CST		0	35.2411N, 96.6473W
<p>Damage from a brief tornado occurred near State Highway 9 to the east of Seminole. A large tree fell onto a trailer and a car and pushed the trailer off of its foundation. To the east of this mobile home, the sheet metal roof of a garage was flipped north against another mobile home and the outer walls of the garage collapsed. Monetary damages were estimated.</p>				
SEMINOLE COUNTY				
2.0 E LITTLE	05/06/07 20:38 CST		15K	Tornado (EF0, L: 0.20 mi , W: 20 yd)
	05/06/07 20:38 CST		0	35.35N, 96.6446W
<p>Two small metal barns sustained roof damage from a tornado along State Highway 99A east of Little. Adjacent trees in the area suffered some broken branches, but no significant damage. Monetary damages were estimated.</p>				
CADDO COUNTY				
GRACEMONT	05/07/07 00:00 CST		0	Hail (0.88 in)
	05/07/07 00:00 CST		0	35.18N, 98.27W
STEPHENS COUNTY				
9.0 WNW DUNCAN	05/07/07 00:45 CST		0	Hail (1.00 in)
	05/07/07 00:45 CST		0	34.5698N, 98.0959W
GRADY COUNTY				
CHICKASHA	05/07/07 01:15 CST		0	Thunderstorm Wind (EG 52 kt)
	05/07/07 01:15 CST		0	35.05N, 97.95W
GRADY COUNTY				
CHICKASHA	05/07/07 01:15 CST		8K	Thunderstorm Wind (EG 52 kt)
	05/07/07 01:15 CST		0	35.05N, 97.95W

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several large trees were blown over.				
CANADIAN COUNTY				
MUSTANG	05/07/07 01:30 CST		9.70K	Thunderstorm Wind (EG 52 kt)
	05/07/07 01:30 CST		0	35.38N, 97.72W
The roof of the Crafts Building at Mustang High School was damaged due to high winds.				
OKLAHOMA COUNTY				
1.7 WNW FOREST PARK	05/07/07 01:32 CST		25K	Tornado (EF0, L: 1.50 mi , W: 30 yd)
1.6 NNW FOREST PARK	05/07/07 01:33 CST		0	35.5093N, 97.4776W ~ 35.5219N, 97.4611W
This tornado occurred within the city limits of Oklahoma City. A narrow path of considerable tree damage was found from just northwest of the intersection of NE 36th Street and Martin Luther King Avenue to just east of the intersection of Interstate 35 and NE 50th Street, including a swath about 30 yards wide across Lincoln Park Golf Course. Damage consisted of numerous small to medium branches broken off trees, as well as numerous large rotted branches. A number of small trees in wet soil were also pushed over along this path. Minor shingle damage was noted to a home just east of I-35 and NE 50th Street, and minor gutter damage was noted to a large metal building just to the southwest of the house. A couple of wooden fences were pushed over and a small canopy was torn near the start of the path. However other structures in or near the path showed little discernible damage. Monetary damages were estimated.				
OKLAHOMA COUNTY				
OKLAHOMA CITY	05/07/07 01:33 CST		0	Hail (1.00 in)
	05/07/07 01:33 CST		0	35.48N, 97.53W
Reported near Oklahoma City Community College at 74th and South May Avenue.				
CLEVELAND COUNTY				
8.0 E NORMAN	05/07/07 01:45 CST		4K	Thunderstorm Wind (EG 52 kt)
	05/07/07 01:45 CST		0	35.22N, 97.3084W
Large trees were blown down. Some large Bradford Pear trees snapped at the base. Reported near 96th and St. HWY 9. Monetary damages were estimated.				
MCCLAIN COUNTY				
2.0 E GOLDSBY	05/07/07 01:45 CST		0	Thunderstorm Wind (EG 52 kt)
	05/07/07 01:45 CST		0	35.15N, 97.4446W
OKLAHOMA COUNTY				
OKLAHOMA CITY	05/07/07 01:50 CST		20K	Thunderstorm Wind (EG 52 kt)
	05/07/07 01:50 CST		0	35.48N, 97.53W
A building was heavily damaged at Ben's Automotive. Several windows were broken and bricks were blown off of a building. An apartment building received minor roof damage. Several large trees were uprooted due to the high winds. Monetary damages were estimated.				
OKLAHOMA COUNTY				
(TIK)TINKER AFB	05/07/07 01:54 CST		0	Thunderstorm Wind (MG 61 kt)
	05/07/07 01:54 CST		0	35.42N, 97.38W
POTTAWATOMIE COUNTY				
2.0 WSW DALE	05/07/07 02:15 CST		8K	Tornado (EF0, L: 0.10 mi , W: 20 yd)
	05/07/07 02:15 CST		0	35.3689N, 97.0828W
A tornado occurred briefly about 2 miles west-southwest of Dale. NWS personnel noted some large branches were broken off of a few trees. Monetary damages were estimated.				
GRADY COUNTY				
POCASSET	05/07/07 05:30 CST		8K	Flash Flood (due to Heavy Rain)
	05/07/07 05:30 CST	1	0	35.2N, 97.93W
Highway 81 north of Pocasset was closed due to high water. A car drove into flooded street causing car to be washed off the roadway. One injury was reported. Monetary damages were estimated.				
MCCLAIN COUNTY				

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BLANCHARD	05/07/07 05:30 CST		30K	Lightning
	05/07/07 05:30 CST		0	35.13N, 97.67W

A house fire was started after a direct lightning strike. No injuries were reported.

MCCLAIN COUNTY

NEWCASTLE	05/07/07 06:30 CST		5K	Flash Flood (due to Heavy Rain)
	05/07/07 06:30 CST		0	35.25N, 97.6W

High water was reported moving into the Fire Station in Newcastle. Monetary damages were estimated.

OKLAHOMA COUNTY

2.0 N HARRAH	05/07/07 06:30 CST		0	Flash Flood (due to Heavy Rain)
	05/07/07 06:30 CST		0	35.5089N, 97.17W

NE 50th and Harrah Road were closed due to high water.

CLEVELAND COUNTY

6.0 S OKLAHOMA CITY	05/07/07 07:00 CST		5K	Flash Flood (due to Heavy Rain)
	05/07/07 07:00 CST		0	35.3933N, 97.53W

Lightning Creek out of its banks in south Oklahoma City. Major flooding was reported near South 59th Street and Harvey. Water was three feet deep over S. Western at SW 83rd Street. Vehicles were also reported stalled in the high water. Monetary damages were estimated.

CLEVELAND COUNTY

LEXINGTON	05/07/07 07:00 CST		15K	Flash Flood (due to Heavy Rain)
	05/07/07 07:00 CST		0	35.02N, 97.33W

The creek was out of its banks at Center and 1st Streets. Water was rising into homes. Monetary damages were estimated.

CLEVELAND COUNTY

5.0 E NORMAN	05/07/07 08:30 CST		15K	Flash Flood (due to Heavy Rain)
	05/07/07 08:30 CST	3	0	35.22N, 97.3615W

Several roads across the county were closed due to high water. Three water rescues were made due to water over rising near the top of the cars. Three minor injuries were reported. Monetary damages were estimated.

BRYAN COUNTY

BENNINGTON	05/07/07 08:45 CST		10K	Flash Flood (due to Heavy Rain)
	05/07/07 08:45 CST		0	34N, 96.03W

A vehicle was swept off a county road near HWY 70. The occupant was rescued without injury. Monetary damages were estimated.

BRYAN COUNTY

BLUE	05/07/07 09:02 CST		0	Hail (0.75 in)
	05/07/07 09:02 CST		0	34N, 96.23W

CARTER COUNTY

WILSON	05/07/07 10:40 CST		0	Thunderstorm Wind (MG 52 kt)
	05/07/07 10:40 CST		0	34.17N, 97.42W

JEFFERSON COUNTY

1.0 N RINGLING	05/07/07 10:50 CST		0	Thunderstorm Wind (MG 50 kt)
	05/07/07 10:50 CST		0	34.1945N, 97.58W

Thunderstorms began early in the morning on the 6th, continued most of the day and into the early morning hours of the 7th. An upper level low pressure remained anchored over Colorado during this time period. Surface low pressure was located over southeast Colorado, with a dryline extending south along the Oklahoma and Texas panhandle border. Outflow boundaries were also present from previous thunderstorm activity. These boundaries were important in the formation of thunderstorms throughout the day. Moisture was in abundance that day, along with very strong instability. Wind shear remained quite favorable for supercell thunderstorms. Most of the thunderstorms began over the northwest half of Oklahoma, but moved south and east into the morning and afternoon hours of the 7th. Large hail, high winds, and tornadoes were common, with flooding rains also present. One small supercell thunderstorm developed east of the main thunderstorm area during the evening and produced two small tornadoes as it moved to the north. Two other tornadoes occurred in the early morning hours as thunderstorms moving northeast into central Oklahoma interacted with gust front

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
boundaries from previous thunderstorms.				
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CARTER COUNTY				
3.0 NW ARDMORE DOWNTOWN ARP	05/07/07 11:09 CST		0	Funnel Cloud
	05/07/07 11:12 CST		0	34.1807N, 97.1671W
A brief funnel cloud was observed just west of Interstate 35 on the northwest side of the city of Ardmore.				
A brief funnel cloud was observed on the northwest side of Ardmore.				
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ATOKA COUNTY				
ATOKA	05/07/07 11:44 CST		0	Flash Flood (due to Heavy Rain)
	05/07/07 11:44 CST		0	34.38N, 96.13W
Several city streets were closed due to high water. Many county roads were also closed.				
<p>Thunderstorms began early in the morning on the 6th, continued most of the day and into the early morning hours of the 7th. An upper level low pressure remained anchored over Colorado during this time period. Surface low pressure was located over southeast Colorado, with a dryline extending south along the Oklahoma and Texas panhandle border. Outflow boundaries were also present from previous thunderstorm activity. These boundaries were important in the formation of thunderstorms throughout the day. Moisture was in abundance that day, along with very strong instability. Wind shear remained quite favorable for supercell thunderstorms. Most of the thunderstorms began over the northwest half of Oklahoma, but moved south and east into the morning and afternoon hours of the 7th. Large hail, high winds, and tornadoes were common, with flooding rains also present. One small supercell thunderstorm developed east of the main thunderstorm area during the evening and produced two small tornadoes as it moved to the north. Two other tornadoes occurred in the early morning hours as thunderstorms moving northeast into central Oklahoma interacted with gust front boundaries from previous thunderstorms.</p>				
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BRYAN COUNTY				
ACHILLE	05/07/07 20:12 CST		0	Hail (1.00 in)
	05/07/07 20:12 CST		0	33.83N, 96.38W
Surface low pressure was located over north central Oklahoma. Stationary fronts stretched north out of this low center, with another located east of the low pressure along and south of the Red River. Deep moisture existed along and south of the stationary front near the Red River. Thunderstorms developed over north central Texas and moved northeast into Bryan county. Large hail occurred with the severe thunderstorms. The thunderstorms moved east into southeast Oklahoma during the evening hours.				
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CANADIAN COUNTY				
YUKON	05/08/07 07:20 CST		0	Flash Flood (due to Heavy Rain)
	05/08/07 07:20 CST		0	35.5N, 97.75W
8 to 12 inches of water reported over the roadway at Sarah Rd. and 10th Street.				
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OKLAHOMA COUNTY				
OKLAHOMA CITY	05/08/07 07:20 CST		20K	Flash Flood (due to Heavy Rain)
	05/08/07 07:20 CST		0	35.48N, 97.53W
Broadcast media and emergency managers reported widespread flash flooding over Oklahoma City. One to two feet of water was reported on roadway at Morgan Rd. and Reno Ave. 8 to 12 inches of water was reported on roadway at Morgan Rd. and 10th Street. Two feet of water was over the westbound ramp of Interstate 40 at Council Rd. Ramps on Interstate 40 were also closed at Virginia, Reno, and Western Avenues due to very high water. Approximately two feet of water was over roadway at 45th and Independence streets. High water rescues were reported at SW 59th and County Line Road, SW 51st and Independence, SW 29th and Council Road, Britton and Rockwell Avenues, Hefner Village and Britton Avenue, NW 88th and Harvey, NW 45th and Young, and NW 91st and Walker Avenue. Monetary damages were estimated.				
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CANADIAN COUNTY				
5.0 SW YUKON	05/08/07 08:00 CST		10K	Flash Flood (due to Heavy Rain)
	05/08/07 08:00 CST		0	35.4489N, 97.8128W
A high water rescue was reported at SW 15th and Mustang Road. Water was also rising into home in the northern portions of Yukon. Monetary damages were estimated.				
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CANADIAN COUNTY				
MUSTANG	05/08/07 08:00 CST		20K	Flash Flood (due to Heavy Rain)
	05/08/07 08:00 CST		0	35.38N, 97.72W

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
High water rescues reported at SW 15th and Sarah Road, SW 15th and Kilpatrick Turnpike, SW 89th and Mustang Road, and 2 miles west of Northwest Highway and 192nd Street. Spitter Dam, a pond dam, broke at Quail Creek Estates. Water reportedly rose into homes. Monetary damages were estimated.				
GRADY COUNTY				
MINCO	05/08/07 08:30 CST		0	Flash Flood (due to Heavy Rain)
	05/08/07 08:30 CST		0	35.32N, 97.93W
Several streets closed due to high water.				
CLEVELAND COUNTY				
MOORE	05/08/07 09:20 CST		0	Flash Flood (due to Heavy Rain)
	05/08/07 09:20 CST		0	35.33N, 97.5W
Street flooded at 34th and Interstate 35.				
OKLAHOMA COUNTY				
5.0 NE OKLAHOMA CITY	05/08/07 12:30 CST		15K	Flood (due to Heavy Rain)
	05/08/07 12:30 CST		0	35.5311N, 97.4672W
Two vehicles swept into North Canadian River near Sooner Road. Monetary damages were estimated.				
CLEVELAND COUNTY				
11.0 SW OKLAHOMA CITY	05/08/07 12:38 CST		5K	Flood (due to Heavy Rain)
	05/08/07 12:38 CST		0	35.3676N, 97.668W
A vehicle was stranded in high water near SW 149th and Meridian Avenue. A child was rescued from the vehicle. Monetary damages were estimated.				
POTTAWATOMIE COUNTY				
7.0 SW SHAWNEE	05/08/07 13:00 CST		0	Flood (due to Heavy Rain)
	05/08/07 13:00 CST		0	35.2584N, 97.0077W
Hardesty Road and Donna Lane were closed due to a culvert collapsing. The roads were closed between HWY 102 and Stevens Road.				
TILLMAN COUNTY				
TIPTON	05/08/07 16:32 CST		0	Thunderstorm Wind (EG 52 kt)
	05/08/07 16:32 CST		0	34.5N, 99.13W
TILLMAN COUNTY				
TIPTON	05/08/07 16:42 CST		0	Hail (0.75 in)
	05/08/07 16:42 CST		0	34.5N, 99.13W
KIOWA COUNTY				
SNYDER	05/08/07 17:25 CST		0	Hail (0.75 in)
	05/08/07 17:25 CST		0	34.65N, 98.95W
KIOWA COUNTY				
SNYDER	05/08/07 17:28 CST		0	Hail (1.00 in)
	05/08/07 17:28 CST		0	34.65N, 98.95W
Reported on the south side of Snyder.				
COMANCHE COUNTY				
4.0 WNW LAWTON	05/08/07 18:23 CST		0	Hail (1.00 in)
	05/08/07 18:23 CST		0	34.6421N, 98.4649W
COMANCHE COUNTY				
CHATTANOOGA	05/08/07 18:35 CST		0	Hail (0.88 in)
	05/08/07 18:35 CST		0	34.43N, 98.65W
COMANCHE COUNTY				
3.0 W LAKE ELLSWORTH	05/08/07 19:15 CST		0	Tornado (EF0, L: 0.20 mi , W: 30 yd)
	05/08/07 19:15 CST		0	34.83N, 98.4028W

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
An Oklahoma City television storm chaser observed a brief tornado from a supercell thunderstorm west of Lake Ellsworth. No damage was reported from this tornado.				
CADDO COUNTY				
APACHE	05/08/07 19:56 CST		0	Thunderstorm Wind (EG 61 kt)
	05/08/07 19:56 CST		0	34.88N, 98.37W
CADDO COUNTY				
APACHE	05/08/07 20:30 CST		10K	Flash Flood (due to Heavy Rain)
	05/08/07 20:30 CST		0	34.88N, 98.37W
Several city streets were closed due to high water. Box Elder Creek overflowed its banks, with some home evacuated. Monetary damages were estimated.				
COMANCHE COUNTY				
LAWTON	05/08/07 20:30 CST		70K	Flash Flood (due to Heavy Rain)
	05/08/07 20:30 CST		0	34.62N, 98.4W
Forty people had to be evacuated due to the rapidly rising water. A creek bridge was reported washed out near the Wichita Mountain Estates. Five horses drowned after a failed rescue attempt. Several roads were closed due to the high water. Monetary damages were estimated.				
GRADY COUNTY				
2.7 SW MINCO	05/08/07 21:54 CST		70K	Tornado (EF1, L: 1.50 mi , W: 30 yd)
2.6 W MINCO	05/08/07 21:58 CST		0	35.2924N, 97.9638W ~ 35.32N, 97.9761W
Damage was first observed to dairy facility 2.7 miles southwest of Minco where the western portion of the south wall was pushed in which in turn pushed the roof and the northern wall of the building to the north. To the northwest, a farm sustained roof damage to the house, and damage to three metal storage buildings and two barns. Fences and trees were also damaged along the path. Monetary damages were estimated.				
CANADIAN COUNTY				
2.4 W UNION CITY	05/08/07 22:26 CST		0.10M	Tornado (EF0, L: 2.20 mi , W: 40 yd)
3.8 NW UNION CITY	05/08/07 22:30 CST		0	35.38N, 97.9726W ~ 35.4188N, 97.9777W
A tornado formed near EW112 Road just east of Reformatory Road. Trees were knocked over or snapped on two properties. The most significant damage occurred near the intersection of EW111 Road and Reformatory Road where a wood and metal garage was essentially destroyed and a barn sustained some damage to a wall panel, however a car inside the garage suffered minimal damage. A grain bin was blown to the north, and power poles were pushed from upright in this area. Trees were damaged from this location to about 1 mile north-northwest. Monetary damages were estimated.				
CANADIAN COUNTY				
2.5 SSE EL RENO	05/08/07 22:43 CST		3M	Tornado (EF1, L: 1.75 mi , W: 150 yd)
1.0 S EL RENO	05/08/07 22:50 CST		0	35.4966N, 97.953W ~ 35.5155N, 97.97W

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A tornado developed and moved north through parts of El Reno. The first damage occurred in a complex of industrial/commercial buildings is located on the southwest corner of I-40 and Hwy 81. One building suffered minor roof damage with the roofing peeled away. Another metal building had partial peeling of the side paneling, a large garage door blown in and the business's dumpster was rolled 100 ft to the west. An outbuilding supply business had its several garage doors blown in and a display outbuilding collapsed and was moved. Some trees in the area were damaged and the damage varied over a wide range. Trees closer to the interstate had large branches and trunks snapped, while trees closer to Hwy 81 were either tipped or limbs up to 6" were snapped. Farther to the west, a building that was under construction had some building material blown to the north northeast towards the area of apparent touchdown. Two businesses just south southwest of the touchdown point also had damage to their garage doors.</p> <p>Directly across I-40 from the touchdown point was a car dealership. The main building at the dealership had minimal damage and most vehicles in the lot had no damage. One light pole was knocked over and a large sign for the dealership was damaged. A double wide mobile home, which was used as an office at the dealership, was knocked over on its side. Several cars towards the extreme northwest corner of the lot exhibited damage though the original locations of the vehicles are in question. Billboards around the lot were either destroyed or folded over. Farther to the northwest a farm house with outbuildings sustained damage. Most damage appeared to be suffered by the outbuildings. The damage appeared minor with roof and side panels peeled, though one of the buildings sustained some damage to its structure. The tornado then entered into an industrial area. A building west of the farm house sustained damage to its office area and a section of side paneling was peeled. Roofing from the OG&E building, which was across the street, also impacted the northeast corner of the building with enough force to cause a significant dent in the panel. A flag pole at this building was also bent about 50 degrees. The OG&E building seemed to have sustained the most damage in the area. It appeared most of the roof was gone, a tree was snapped in two and the power lines were snapped in two. Further, the roof of the small office area appeared to have been partially lifted. A pole near the building also appears to have bent a bit. Other buildings near the OG&E building had other damage to siding and roofs.</p> <p>Along Hwy 81, north of OG&E, several buildings in the industrial/commercial area sustained damage. A convenience store had its windows blown out, a garage door blown out, and a portion of the roof was removed. Metal framed buildings to the west of this area failed at the ends of the buildings but the center portions of the framing remained intact. One structure in particular lost most of its roof and it is believed that this roof actually scraped along and removed the roof to a small strip mall. A metal building to the north of this strip mall had a garage door blown in and two panels were pushed in towards the bottom of the panel on its south side. On the north side the building had 3 garage doors blown in and the northeast corner sustained side panel damage. Across Hwy 81, a snow cone hut was spun about 270 degrees and a metal lining peeled off. Two metal light poles near the hut were damaged; one was bent and another was snapped off its base. To the north of this area the VFW sustained damage to its roof. People were present inside the building when it was struck but no one was injured. Three power poles, one towards the highway and two near the building were snapped. A storage shed on the north side of the VFW's parking lot had a garage door blown in; also, plastic skylights were blown out to locations unknown. Power poles just to the north along a side road were blown over and one was snapped. West of this location was a farm supply store which had grain bins blown over and some into a nearby pond. North of the store was a cluster of trees which had a variety of damage. The final damage points were along Choctaw Rd. At the corner of Choctaw and Elm, a metal building had its roof rotated on top it and a power pole near it was snapped. The neighborhood west of Choctaw Rd had some tree and power pole damage. Also the neighborhood northeast of Hwy 81 and Elm sustained probable microburst damage. Monetary damages were estimated.</p>				
CANADIAN COUNTY				
5.0 WSW PIEDMONT	05/08/07 23:08 CST	0		Tornado (EF1, L: 0.60 mi , W: 80 yd)
	05/08/07 23:08 CST	0		35.6223N, 97.8322W
<p>A short narrow damage path from a tornado was observed between Gregory Road and Cimarron Road, and just south of Northwest Expressway. A few trees were downed, a tin shed was destroyed, and two roofs were damaged.</p>				
CANADIAN COUNTY				
5.0 WNW EL RENO	05/08/07 23:20 CST	0		Thunderstorm Wind (MG 56 kt)
	05/08/07 23:20 CST	0		35.5577N, 98.0521W
CANADIAN COUNTY				
3.0 NNW PIEDMONT	05/08/07 23:21 CST	25K		Tornado (EF1, L: 0.20 mi , W: 30 yd)
	05/08/07 23:21 CST	0		35.6901N, 97.7704W
<p>A brief tornado caused mainly minor damage north northwest of Piedmont. Most of the damage was confined to an area along and near DuBoise Road. A car was pushed into another car, denting the fender. Homes suffered shingle damage. One brick home was shifted on its foundation. Another car was rotated 90 degrees by the wind. Monetary damages were estimated.</p>				
CANADIAN COUNTY				
PIEDMONT	05/08/07 23:30 CST	0		Thunderstorm Wind (EG 61 kt)
	05/08/07 23:30 CST	0		35.65N, 97.75W
KINGFISHER COUNTY				
6.0 E KINGFISHER	05/08/07 23:30 CST	0		Flash Flood (due to Heavy Rain)
	05/08/07 23:30 CST	0		35.85N, 97.823W

HWY 33 was closed due to high water.

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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An upper level storm system moved slowly east northeast through southeast Arizona and southwest New Mexico. A couple of disturbances rotated around the storm system and moved over the southern plains during the morning and afternoon hours. One disturbance moved over Oklahoma during the morning hours, with the other moving over Oklahoma during the evening hours. A stationary front remained located south of the Red River, with another front establishing itself over the southeast third of Oklahoma. Showers and thunderstorms developed and moved over the main body of Oklahoma during the morning hours. Widespread flash flooding was reported over central Oklahoma, with rivers rising out of their banks. After a lull in precipitation for a few hours the other disturbance moved over Oklahoma during the late afternoon and evening hours. Widespread showers and thunderstorms developed over southwest Oklahoma and continued to develop into central and southern Oklahoma. Large hail and severe wind gusts were reported, with flash flooding and river flooding continuing to be a concern due to the heavy rainfall earlier in the day. Supercell thunderstorms formed in southwest Oklahoma producing one tornado near Lake Ellsworth. As the showers and storms continued to develop and move northeast, a mesoscale convective vorticity maximum (MCV) developed. In the vicinity of this MCV, transient circulations on many scales were observed in the storm-relative radar velocity fields and in the storm motions themselves. Some of the circulations briefly tightened to tornado scale causing damage west of Minco, west of Union City, and in El Reno. Monetary damages were estimated.

KIOWA COUNTY

4.0 W HOBART	05/09/07 15:00 CST		0	Hail (1.00 in)
	05/09/07 15:00 CST		0	35.02N, 99.1706W

An upper level disturbance approached from west Texas during the day on the 9th. Afternoon heating, combined with continued abundant moisture allowed for showers and thunderstorms to develop from west Texas into southwest Oklahoma. Severe weather was not widespread over southwest Oklahoma, although Kiowa county received quarter size hail with one isolated thunderstorm.

GARFIELD COUNTY

WAUKOMIS	05/23/07 04:18 CST		50K	Lightning
	05/23/07 04:18 CST		0	36.28N, 97.9W

A large tank fire was started by one of numerous lightning strikes from ongoing thunderstorms. The tank contained both salt water and crude oil.

Thunderstorms moved over northern Oklahoma during the pre-dawn hours of the 23rd. Lightning from one of the thunderstorms caused a fire large tank fire near Waukomis. The tank housed both salt water and crude oil.

HARPER COUNTY

6.0 S LAVERNE	05/23/07 15:12 CST		0	Hail (1.00 in)
	05/23/07 15:12 CST		0	36.6333N, 99.9W

Reported at Log Cabin Corner.

HARPER COUNTY

LAVERNE	05/23/07 15:25 CST		0	Hail (0.75 in)
	05/23/07 15:25 CST		0	36.72N, 99.9W

HARPER COUNTY

6.0 W BUFFALO	05/23/07 15:48 CST		0	Hail (4.25 in)
	05/23/07 15:48 CST		0	36.83N, 99.7284W

Reported at the intersection of highways 64 & 46.

HARPER COUNTY

4.0 E ROSSTON	05/23/07 16:00 CST		0	Hail (0.88 in)
	05/23/07 16:00 CST		0	36.82N, 99.8578W

HARPER COUNTY

5.0 N ROSSTON	05/23/07 16:10 CST		0	Hail (1.75 in)
	05/23/07 16:10 CST		0	36.8923N, 99.93W

HARPER COUNTY

4.0 N LAVERNE	05/23/07 21:30 CST		0	Hail (1.75 in)
	05/23/07 21:30 CST		0	36.7778N, 99.9W

Reported at HWY 283.

ELLIS COUNTY

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
6.0 S GAGE	05/23/07 22:50 CST		0	Hail (0.75 in)
	05/23/07 22:50 CST		0	36.2333N, 99.75W
WOODWARD COUNTY				
3.0 S TANGIER	05/24/07 00:10 CST		0	Hail (0.75 in)
	05/24/07 00:10 CST		0	36.3766N, 99.53W
WOODWARD COUNTY				
WOODWARD	05/24/07 00:31 CST		0	Hail (0.88 in)
	05/24/07 00:31 CST		0	36.43N, 99.4W
Reported on the northwest side of town.				
ROGER MILLS COUNTY				
REYDON	05/24/07 01:09 CST		0	Hail (1.00 in)
	05/24/07 01:09 CST		0	35.65N, 99.92W
WOODWARD COUNTY				
7.0 S MOORELAND	05/24/07 01:31 CST		0	Hail (0.88 in)
	05/24/07 01:31 CST		0	36.3288N, 99.2W
Reported along Hwy. 50.				
ALFALFA COUNTY				
CHEROKEE	05/24/07 02:00 CST		0	Thunderstorm Wind (MG 60 kt)
	05/24/07 02:00 CST		0	36.75N, 98.35W
LOGAN COUNTY				
9.0 SSE GUTHRIE	05/24/07 06:05 CST		1.50K	Thunderstorm Wind (EG 52 kt)
	05/24/07 06:05 CST		0	35.7598N, 97.3686W
At approximately 1.5 miles north of the intersection of Waterloo and Douglas, two garage doors were dented in and a large section of a cottonwood tree was ripped off. Monetary damages were estimated.				
TILLMAN COUNTY				
13.0 N GRANDFIELD	05/24/07 07:18 CST		0	Hail (1.00 in)
	05/24/07 07:18 CST		0	34.4179N, 98.68W
<p>A cold front entered far northwest Oklahoma during the early morning hours of the 23rd before stalling. Moist air from the Gulf of Mexico moved north into Oklahoma ahead of the front. Also, an upper level storm system approached the southern plains from the Four Corners area of the United States. The stalled cold front began lifting north as a warm front through the eastern half of the Oklahoma panhandle and the northeast Texas panhandle. Thunderstorms developed along this retreating front, with several quickly becoming supercellular. A couple of supercells moved through Harper county, with large hail the main threat. Hail up to the size of softballs was reported with the most intense storms, with smaller sizes reported elsewhere. Another cold front moved out of western Kansas and moved southeast into Oklahoma. A line of strong to severe thunderstorms developed along this boundary, affecting mainly northwest Oklahoma. The main hazards with this line were strong winds and large hail. The line continued southeast into the morning hours, with thunderstorms briefly becoming severe through mid morning of the 24th.</p>				
STEPHENS COUNTY				
DUNCAN	05/26/07 19:00 CST		10K	Flash Flood (due to Heavy Rain)
	05/26/07 19:00 CST		0	34.52N, 97.95W
Portions of HWY 81 were closed due to water up to 18 inches deep. Several cars were washed off the roadway near the Chisholm Trail Mall. Monetary damages were estimated.				
<p>Rich, gulf moisture remained well entrenched over southern Oklahoma during late May. An outflow boundary also remained anchored along and south of the Red River. Upper level disturbances were moving north out of Texas, allowing for widespread showers and thunderstorms to develop. Nearly continuous heavy rain developed over Stephens county, creating flash flooding. Several cars were washed off State Hwy 81 near the Chisholm Trail Mall. Water over the roadway was up to 18 inches deep. Monetary damages were estimated.</p>				
COMANCHE COUNTY				
LAWTON	05/27/07 01:10 CST		15K	Flash Flood (due to Heavy Rain)
	05/27/07 01:10 CST		0	34.62N, 98.4W

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Numerous city streets were closed due to high water. Two home were also flooded. Monetary damages were estimated.

STEPHENS COUNTY

DUNCAN	05/27/07 02:10 CST	0	0	Flash Flood (due to Heavy Rain)
	05/27/07 02:10 CST	0	0	34.52N, 97.95W

Several streets in the city of Duncan, as well as many country roads were closed due to high water.

MURRAY COUNTY

TURNER FALLS PARK	05/27/07 02:50 CST	0	0	Flood (due to Heavy Rain)
	05/27/07 02:50 CST	0	0	34.42N, 97.15W

Road closed due to water flowing over the low water crossing at Honey Creek.

STEPHENS COUNTY

DUNCAN	05/27/07 05:00 CST	0	0	Flash Flood (due to Heavy Rain)
	05/27/07 05:00 CST	0	0	34.52N, 97.95W

Many city roads continue to be flooded due to ongoing heavy rainfall. Farm roads across the county also are flooded.

CARTER COUNTY

LONE GROVE	05/27/07 08:00 CST	0	0	Flash Flood (due to Heavy Rain)
	05/27/07 08:00 CST	0	0	34.17N, 97.27W

Several bridges were closed due to the high water north of Lone Grove.

ATOKA COUNTY

2.0 SE CANEY	05/27/07 10:00 CST	0	0	Flash Flood (due to Heavy Rain)
	05/27/07 10:00 CST	0	0	34.2096N, 96.1953W

HWY 69 between Caddo and Caney was closed due to high water. Several rural roads were also closed.

BRYAN COUNTY

2.0 N DURANT	05/27/07 10:00 CST	0	0	Flood (due to Heavy Rain)
	05/27/07 10:00 CST	0	0	34.0289N, 96.38W

Highway Patrol reported State HWY 78 closed due to water over the roadway. US HWY 70 was also closed east of Lake Texoma due to rising water. Numerous other county roads were closed as well.

MURRAY COUNTY

TURNER FALLS PARK	05/27/07 10:10 CST	0	0	Flash Flood (due to Heavy Rain)
	05/27/07 10:10 CST	0	0	34.42N, 97.15W

Two and half feet deep water was reported over low water crossing. Road closed as a result.

A surface trough was located from southwest into north central Oklahoma. Several upper level disturbances moved north through Oklahoma during the early morning hours. Rich, tropical moisture was located over much of the state, and thunderstorms were very efficient rain producers. In addition, weak winds aloft allowed for the thunderstorms to move slowly. The slow movement and efficient rainfall rates combined to allow flash flooding to occur over the southern half of Oklahoma. Numerous roads were closed due to the high water. Numerous bridges were also closed due to water nearing the top, or rising over the bridges. Monetary damages were estimated.

CARTER COUNTY

ARDMORE	05/30/07 04:15 CST	0	0	Hail (1.00 in)
	05/30/07 04:15 CST	0	0	34.18N, 97.13W

OKLAHOMA COUNTY

OKLAHOMA CITY	05/30/07 04:15 CST	10K	0	Thunderstorm Wind (EG 52 kt)
	05/30/07 04:15 CST	0	0	35.48N, 97.53W

Several tree limbs were downed due to high winds. Some of the winds fell over power lines, knocking out power to several residents in the city. Monetary damages were estimated.

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GRADY COUNTY				
2.0 NNW NINNEKAH	05/30/07 04:20 CST		0	Thunderstorm Wind (MG 51 kt)
	05/30/07 04:20 CST		0	34.9767N, 97.9335W
CLEVELAND COUNTY				
MOORE	05/30/07 04:45 CST		8K	Thunderstorm Wind (EG 52 kt)
	05/30/07 04:45 CST		0	35.33N, 97.5W
Two metal storage sheds blown over. Several tree limbs were downed with numerous power outages. Monetary damages were estimated.				
JOHNSTON COUNTY				
1.0 WSW MANNSVILLE	05/30/07 04:45 CST		0	Hail (1.75 in)
	05/30/07 04:45 CST		0	34.1745N, 96.8961W
STEPHENS COUNTY				
COMANCHE	05/30/07 05:00 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/30/07 05:00 CST		0	34.37N, 97.97W
The Hop & Sack sign was blown down. Monetary damages were estimated.				
POTTAWATOMIE COUNTY				
SHAWNEE	05/30/07 05:09 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/30/07 05:09 CST		0	35.33N, 96.92W
A board was blown through a wind shield of a moving vehicle. Monetary damages were estimated.				
LINCOLN COUNTY				
8.0 SW WELLSTON	05/30/07 05:10 CST		0	Thunderstorm Wind (EG 52 kt)
	05/30/07 05:10 CST		0	35.5982N, 97.1706W
POTTAWATOMIE COUNTY				
SHAWNEE	05/30/07 05:10 CST		0.20M	Thunderstorm Wind (EG 70 kt)
	05/30/07 05:10 CST		0	35.33N, 96.92W
The roof was blown off of a building at Gordon Cooper Vo-Tech. Trees were also downed over Firelake Golf Course and numerous large limbs were snapped. At least one power pole was snapped. Six tribal buildings sustained minor damage, including the Citizen Pottawatomie Cultural Heritage Center. A door and the air conditioning unit were damaged at the Unity Health Center. Seven homes sustained minor damage, with a tree falling on one of the houses. Monetary damages were estimated.				
CLEVELAND COUNTY				
9.0 E LEXINGTON	05/30/07 05:15 CST		3K	Thunderstorm Wind (EG 52 kt)
	05/30/07 05:15 CST		0	35.02N, 97.1711W
An 8 inch tree limb was downed, which resulted in damage to a pump house. Monetary damages were estimated.				
POTTAWATOMIE COUNTY				
TECUMSEH	05/30/07 05:15 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/30/07 05:15 CST		0	35.25N, 96.93W
Several power lines and tree limbs were downed. Monetary damages were estimated.				
CARTER COUNTY				
WILSON	05/30/07 05:23 CST		0	Hail (1.00 in)
	05/30/07 05:23 CST		0	34.17N, 97.42W
CARTER COUNTY				
1.0 W WILSON	05/30/07 05:40 CST		0	Hail (1.00 in)
	05/30/07 05:40 CST		0	34.17N, 97.4375W
BRYAN COUNTY				

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DURANT	05/30/07 07:30 CST		0	Flash Flood (due to Heavy Rain)
	05/30/07 07:30 CST		0	34N, 96.38W
Numerous city streets were flooded making them impassable.				
<p>A cold front approached Oklahoma from the northwest. Ahead of the cold front, rich moisture was in place with numerous outflow boundaries from early thunderstorms located over parts of the state. Thunderstorms developed over eastern Colorado and southwest Kansas and moved southeast through northwest Oklahoma. The low-level jet pumped even more moist air into thunderstorms, creating favorable wind shear for severe thunderstorms with hail, high winds, and flooding rains. Wind gusts near 60 mph were reported over parts of central Oklahoma, with some damage reported due to the high winds. Large hail was also reported, although reports were more sporadic. Flooding was also reported due to the already saturated ground. Monetary damages were estimated.</p>				
HARPER COUNTY				
SELMAN	05/31/07 22:18 CST		0	Hail (1.00 in)
	05/31/07 22:18 CST		0	36.8N, 99.48W
WOODWARD COUNTY				
FT SUPPLY	05/31/07 22:34 CST		10K	Thunderstorm Wind (EG 52 kt)
	05/31/07 22:34 CST		0	36.58N, 99.57W
Power lines were downed on the west side of town. Monetary damages were estimated.				
WOODS COUNTY				
16.0 NNE FREEDOM	05/31/07 22:55 CST		0	Thunderstorm Wind (MG 56 kt)
	05/31/07 22:55 CST		0	36.9837N, 99.0093W
WOODS COUNTY				
2.0 S ALVA	05/31/07 23:12 CST		0	Thunderstorm Wind (MG 52 kt)
	05/31/07 23:12 CST		0	36.7711N, 98.67W
<p>Surface low pressure moved east into southwest Kansas during the late afternoon and early evening hours. A dry line extended south through the Texas Panhandle. A warm front had developed early in the day and reached the northern third of Oklahoma during the late afternoon and early evening hours. Very moist air was moving north along and south of the warm front. Showers and thunderstorms developed over northwest Oklahoma, with several becoming severe with large hail and damaging wind gusts. Wind damage was sporadic, with the only reported coming out of Woodward county. Monetary damages were estimated.</p>				
TEXAS, Western North				
FOARD COUNTY				
11.0 S CROWELL	05/06/07 15:55 CST		0	Hail (0.88 in)
	05/06/07 15:55 CST		0	33.821N, 99.72W
Reported on HWY 6.				
FOARD COUNTY				
7.0 S CROWELL	05/06/07 16:27 CST		0	Hail (1.50 in)
	05/06/07 16:27 CST		0	33.8788N, 99.72W
<p>Thunderstorms developed in the early morning hours over parts of northwest Oklahoma before moving south and east through the afternoon. Upper level low pressure remained anchored over Colorado during this time period. Surface low pressure was located over southeast Colorado, with a dryline extending south along the Oklahoma and Texas panhandle border into northern Texas. Numerous outflow boundaries were also present from previous thunderstorms. These boundaries were important in the formation of thunderstorms throughout the day. Moisture was in abundance that day, along with very strong instability. Wind shear remained very favorable for supercell thunderstorms. The thunderstorms moved into northern Texas during the late afternoon hours, with one become maintaining its severe characteristics as it moved through Foard county. Large hail occurred with this thunderstorm.</p>				
ARCHER COUNTY				
SCOTLAND	05/08/07 18:20 CST		3K	Thunderstorm Wind (EG 52 kt)
	05/08/07 18:20 CST		0	33.65N, 98.47W
Shingles were blown off a house and some tree limbs were blown down. Monetary damages were estimated.				

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CLAY COUNTY				
LAKE ARROWHEAD	05/08/07 18:30 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/08/07 18:30 CST		0	33.73N, 98.35W
An 8-inch diameter tree limbs was snapped. Other tree limbs were downed as well due to the high wind. Monetary damages were estimated.				
An upper level storm system moved slowly east northeast through southeast Arizona and southwest New Mexico. A couple of disturbances rotated around the storm system and moved over the southern plains during the morning and afternoon hours. One of the disturbances moved over northern Texas during the evening hours, with thunderstorms developing over western north Texas. Severe wind gusts occurred, with wind damage occurring over Archer and Clay counties. No injuries were reported. Monetary damages were estimated.				
BAYLOR COUNTY				
SEYMOUR	05/21/07 14:50 CST		0	Hail (0.88 in)
	05/21/07 14:50 CST		0	33.6N, 99.27W
BAYLOR COUNTY				
3.0 SE SEYMOUR	05/21/07 15:11 CST		0	Hail (0.88 in)
	05/21/07 15:11 CST		0	33.5693N, 99.2332W
WICHITA COUNTY				
WICHITA FALLS	05/21/07 16:30 CST		1K	Lightning
	05/21/07 16:30 CST		0	33.9N, 98.5W
A large tree was downed by a lightning strike. The tree was located at Elmwood Avenue near Maplewood Avenue. Monetary damages were estimated.				
ARCHER COUNTY				
SCOTLAND	05/21/07 16:40 CST		0.20K	Thunderstorm Wind (EG 61 kt)
	05/21/07 16:40 CST		0	33.65N, 98.47W
Several tree limbs were blown down. Monetary damages were estimated.				
Afternoon heating combined with small outflow boundaries and Gulf moisture allowing severe thunderstorms to develop over Archer and Baylor counties. Hail up to nickel size was reported near Seymour in Baylor county. Outflow winds from this storm moved into Archer county, with wind speeds near 70 miles an hour reported. Several tree limbs were blown down as a result. Monetary damages were estimated.				
ARCHER COUNTY				
5.0 S ARCHER CITY	05/27/07 17:00 CST		0	Flash Flood (due to Heavy Rain)
	05/27/07 17:00 CST		0	33.5277N, 98.63W
Hwy 79 was was closed when six inches of water was running over the pavement.				
Widespread showers and thunderstorms developed over northern Texas during the morning and afternoon hours of the 27th. Very heavy rainfall caused some roads to be closed due to high water.				
CLAY COUNTY				
1.0 E JOLLY	05/30/07 06:40 CST		0	Hail (0.88 in)
	05/30/07 06:40 CST		0	33.87N, 98.3326W
Hail reported on HWY 287.				
A cold front approached northern Texas from the northwest, with richmoisture in place ahead of the front. Thunderstorms developed developed over eastern Colorado and southwest Kansas before moving through much of Oklahoma during the early morning hours. Although much of the severe weather remained over southern and southeast Oklahoma, thunderstorms that moved into Clay county became severe with large hail. No damage was reported.				