

Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z012) GARFIELD, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z017) BLAINE, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (OK-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-Z025) OKLAHOMA, (OK-Z026) LINCOLN, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z043) COAL, (OK-Z044) COTTON, (OK-Z045) JEFFERSON, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA, (OK-Z050) LOVE, (OK-Z051) MARSHALL, (OK-Z052) BRYAN				
	04/01/11 00:00 CST		0	Drought
	04/30/11 23:59 CST		0	

Although two storm systems moved through the region, bringing with it beneficial rainfall, D2 to D3 drought steadily moved north and west through Oklahoma. D4 drought also developed over a few counties of southwest Oklahoma. This all stems from the very dry conditions seen over the region since the beginning of October 2010. In fact, this is the 3rd driest period statewide since October 1. Agricultural impacts were severe, as most the winter wheat crop was non-existent, as well as losses to other crops. The dry conditions also gave rise to enhanced fire weather concerns, with the normal increase in wind speeds during the spring months.

GARFIELD COUNTY --- 7.0 SE ENID [36.33, -97.79]				
	04/08/11 16:46 CST		0	Hail (1.75 in)
	04/08/11 16:56 CST		0	Source: Storm Chaser
GARFIELD COUNTY --- 3.0 SE ENID [36.37, -97.84]				
	04/08/11 16:49 CST		0	Hail (1.75 in)
	04/08/11 16:49 CST		0	Source: Storm Chaser
GARFIELD COUNTY --- 4.0 SW BRECKINRIDGE [36.40, -97.78]				
	04/08/11 16:58 CST		0	Hail (1.75 in)
	04/08/11 16:58 CST		0	Source: Trained Spotter
GARFIELD COUNTY --- 3.0 S BRECKINRIDGE [36.40, -97.73]				
	04/08/11 17:08 CST		0	Hail (2.50 in)
	04/08/11 17:08 CST		0	Source: Trained Spotter
GARFIELD COUNTY --- 6.0 N FAIRMONT [36.44, -97.70]				
	04/08/11 17:14 CST		0	Hail (2.50 in)
	04/08/11 17:14 CST		0	Source: Emergency Manager
KAY COUNTY --- NEWKIRK [36.88, -97.06]				
	04/08/11 17:15 CST		0	Hail (1.00 in)
	04/08/11 17:15 CST		0	Source: Trained Spotter
KAY COUNTY --- 6.0 ESE BLACKWELL [36.77, -97.18]				
	04/08/11 17:26 CST		0	Hail (1.50 in)
	04/08/11 17:26 CST		0	Source: Trained Spotter
KAY COUNTY --- NEWKIRK [36.88, -97.06]				
	04/08/11 17:30 CST		0	Thunderstorm Wind (EG 61 kt)
	04/08/11 17:30 CST		0	Source: Trained Spotter
No damage occurred with the severe wind.				
NOBLE COUNTY --- BILLINGS [36.53, -97.44]				
	04/08/11 17:40 CST		0	Hail (2.75 in)
	04/08/11 17:40 CST		0	Source: Emergency Manager
KAY COUNTY --- 1.0 E NEWKIRK [36.88, -97.04]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/08/11 17:44 CST		0	Hail (1.00 in)
	04/08/11 17:44 CST		0	Source: Public
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KAY COUNTY --- NEWKIRK [36.88, -97.06]				
	04/08/11 17:45 CST		0	Hail (2.00 in)
	04/08/11 17:45 CST		0	Source: Storm Chaser
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Hail up to two inches in diameter was reported.				
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NOBLE COUNTY --- 4.0 S BILLINGS [36.47, -97.44]				
	04/08/11 17:45 CST		0	Hail (2.00 in)
	04/08/11 17:45 CST		0	Source: Trained Spotter
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MAJOR COUNTY --- CLEO SPRINGS [36.41, -98.44]				
	04/08/11 17:50 CST		0	Hail (1.75 in)
	04/08/11 17:50 CST		0	Source: Storm Chaser
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NOBLE COUNTY --- 2.0 S BILLINGS [36.50, -97.44]				
	04/08/11 17:56 CST		0	Hail (2.75 in)
	04/08/11 17:56 CST		0	Source: Trained Spotter
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NOBLE COUNTY --- 8.0 W RED ROCK [36.46, -97.32]				
	04/08/11 18:05 CST		0	Hail (2.00 in)
	04/08/11 18:05 CST		0	Source: Storm Chaser
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The hail was reported on I-35 due west of Red Rock.				
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ALFALFA COUNTY --- HELENA [36.55, -98.27]				
	04/08/11 18:10 CST		0	Hail (0.88 in)
	04/08/11 18:10 CST		0	Source: Storm Chaser
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KAY COUNTY --- 3.0 S NEWKIRK [36.84, -97.06]				
	04/08/11 18:10 CST		0	Hail (1.00 in)
	04/08/11 18:10 CST		0	Source: Emergency Manager
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NOBLE COUNTY --- 4.0 W CERES [36.48, -97.35]				
	04/08/11 18:14 CST		0	Hail (3.00 in)
	04/08/11 18:14 CST		0	Source: Trained Spotter
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ALFALFA COUNTY --- 10.0 W JET [36.67, -98.36]				
	04/08/11 18:15 CST		5K	Thunderstorm Wind (EG 61 kt)
	04/08/11 18:15 CST		0	Source: Trained Spotter
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A few power lines were downed by the severe winds. Monetary damages were estimated.				
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ALFALFA COUNTY --- 5.0 W JET [36.67, -98.27]				
	04/08/11 18:16 CST		0	Hail (2.75 in)
	04/08/11 18:16 CST		0	Source: Law Enforcement
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NOBLE COUNTY --- 1.0 N CERES [36.49, -97.28]				
	04/08/11 18:19 CST		2K	Hail (2.00 in)
	04/08/11 18:19 CST		0	Source: Trained Spotter
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A windshield was busted out by the large hail. Monetary damages were estimated.				
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MAJOR COUNTY --- 6.0 N RINGWOOD [36.47, -98.25]				
	04/08/11 18:20 CST		0	Hail (1.50 in)
	04/08/11 18:20 CST		0	Source: Storm Chaser

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALFALFA COUNTY --- GOLTRY [36.53, -98.15]				
	04/08/11 18:26 CST	0		Hail (1.75 in)
	04/08/11 18:26 CST	0		Source: Emergency Manager
ALFALFA COUNTY --- 1.0 E CHEROKEE [36.75, -98.33]				
	04/08/11 18:30 CST	0		Hail (1.75 in)
	04/08/11 18:30 CST	0		Source: Emergency Manager
GRANT COUNTY --- 5.0 S WAKITA [36.81, -97.92]				
	04/08/11 19:57 CST	0		Hail (1.75 in)
	04/08/11 19:57 CST	0		Source: NWS Employee
The hail was reported near the intersection of Highways 11 and 11A.				
GRANT COUNTY --- 1.0 WNW MEDFORD [36.82, -97.75]				
	04/08/11 20:10 CST	0		Hail (1.25 in)
	04/08/11 20:10 CST	0		Source: NWS Employee
GRANT COUNTY --- MEDFORD [36.81, -97.73]				
	04/08/11 20:11 CST	0		Hail (1.25 in)
	04/08/11 20:11 CST	0		Source: NWS Employee
The hail was reported near the intersection of Highways 11 and 81.				
GRANT COUNTY --- 1.0 SSW MEDFORD [36.80, -97.74]				
	04/08/11 20:13 CST	0		Hail (2.50 in)
	04/08/11 20:13 CST	0		Source: NWS Employee
KAY COUNTY --- 3.0 SE BRAMAN [36.89, -97.29]				
	04/08/11 21:00 CST	0		Hail (4.25 in)
	04/08/11 21:00 CST	0		Source: COOP Observer
The hail was reported in Sumpter.				
KAY COUNTY --- BRAMAN [36.92, -97.33]				
	04/08/11 21:00 CST	0		Hail (1.75 in)
	04/08/11 21:00 CST	0		Source: COOP Observer
KAY COUNTY --- 4.0 SSE BLACKWELL [36.75, -97.25]				
	04/08/11 21:55 CST	0		Thunderstorm Wind (MG 51 kt)
	04/08/11 21:55 CST	0		Source: Mesonet
The measured wind gust was reported at the Blackwell mesonet.				
KAY COUNTY --- 1.0 NNE PONCA CITY [36.71, -97.07]				
	04/08/11 22:00 CST	0		Hail (1.75 in)
	04/08/11 22:00 CST	0		Source: Trained Spotter
The hail occurred in addition to the very strong winds.				
KAY COUNTY --- 0.7 S (PNC)PONCA CITY ARPT [36.72, -97.10]				
	04/08/11 22:02 CST	0		Thunderstorm Wind (MG 82 kt)
	04/08/11 22:04 CST	0		Source: ASOS

A very strong rear-flank downdraft caused significant damage in and around Ponca City, with the most severe damage occurring on the west side of town. The Ponca City airport sustained extensive damage, with the roof peeled off of a hangar, and heavy damage done to several other buildings. Wind gusts here were measured at 59 and 94 mph. The Mid America Door Company building (80,000 sq. feet) was destroyed. Several other structures sustained various types of damage. Signs and light posts were blown down. Trees and power lines took a large hit, with a large part of Ponca City without power for several hours. The high winds combined with large hail damaged numerous vehicles. Monetary damage estimates were not available.

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KAY COUNTY --- BLACKWELL [36.80, -97.28]				
	04/08/11 22:15 CST		0	Hail (1.50 in)
	04/08/11 22:15 CST		0	Source: Emergency Manager
The largest hail occurred on the south side of town.				
KAY COUNTY --- 3.3 E TONKAWA [36.69, -97.25]				
	04/08/11 22:26 CST		0	Hail (1.75 in)
	04/08/11 22:26 CST		0	Source: Emergency Manager
The hail occurred on Highway 60 at the Chikaskia River.				
<p>A weak cold front slipped into northern Oklahoma during the early morning hours of the 8th. Meanwhile, a dry line sharpened up near the Oklahoma/Texas panhandle border. Gulf moisture streamed north, with low to middle 60 dew point temperatures in place by late afternoon to the east of the dry line. The cold front had become stationary, providing another focus for afternoon thunderstorms. The cap that was in place for much of the day, weakened sufficiently for thunderstorms to develop over the western third of Oklahoma. Instability and wind shear were already in place, and a weak upper level disturbance moved northeast from west Texas during peak heating hours. Supercell thunderstorms moved northeast, with very large hail to the size of baseballs and strong winds reported along their path. The most intense damage occurred at Ponca City, where a wind gust over 90 mph was measured.</p>				
LOVE COUNTY --- 6.0 NW MARIETTA [34.00, -97.19]				
	04/10/11 19:26 CST		0	Hail (1.25 in)
	04/10/11 19:26 CST		0	Source: Amateur Radio
JOHNSTON COUNTY --- 2.0 W MILL CREEK [34.40, -96.86]				
	04/10/11 20:02 CST		0	Hail (1.00 in)
	04/10/11 20:02 CST		0	Source: Trained Spotter
PONTOTOC COUNTY --- FITTSTOWN [34.61, -96.63]				
	04/10/11 20:28 CST		0	Hail (0.75 in)
	04/10/11 20:28 CST		0	Source: Fire Department/Rescue
HUGHES COUNTY --- HOLDENVILLE [35.08, -96.40]				
	04/10/11 20:35 CST		0	Hail (1.75 in)
	04/10/11 20:35 CST		0	Source: Emergency Manager
Quarter- to golf ball-size hail drifted six to eight inches deep. The hail was still on the ground the next morning.				
HUGHES COUNTY --- HOLDENVILLE [35.08, -96.40]				
	04/10/11 20:35 CST		0	Thunderstorm Wind (EG 70 kt)
	04/10/11 20:45 CST		0	Source: Emergency Manager
Approximately 15-20 structures sustained damage. Several 60-foot transmission power poles were broken approximately 30 feet above the ground. Several homes also sustained damage from wind blown quarter- to golf ball-size hail. Monetary damage estimates were not available.				
HUGHES COUNTY --- SPAULDING [35.01, -96.44]				
	04/10/11 20:35 CST		0	Hail (0.75 in)
	04/10/11 20:35 CST		0	Source: Public
PONTOTOC COUNTY --- STONEWALL [34.65, -96.53]				
	04/10/11 20:40 CST		0	Hail (0.75 in)
	04/10/11 20:40 CST		0	Source: Fire Department/Rescue
PONTOTOC COUNTY --- 5.0 S FRANCIS [34.80, -96.59]				
	04/10/11 20:45 CST		0	Hail (0.75 in)
	04/10/11 20:45 CST		0	Source: Public
HUGHES COUNTY --- LAMAR [35.10, -96.13]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/10/11 20:55 CST		0	Hail (0.88 in)
	04/10/11 20:55 CST		0	Source: Public
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ATOKA COUNTY --- 4.0 W CANEY [34.23, -96.28]				
	04/10/11 21:30 CST		2K	Thunderstorm Wind (EG 56 kt)
	04/10/11 21:30 CST		0	Source: County Official
Several 6-inch diameter limbs were downed. Monetary damages were estimated.				
<p>A strong storm system moved into the central Plains, with a surface low pressure quickly moving east through Kansas. South of the low pressure, a dry line moved east of I-35 by late afternoon, with a cold front overtaking the dry line near eastern/southeast Oklahoma. Thunderstorms, some of which produced significant damage, developed along and ahead of the boundaries. Severe hail was reported at several locations, although strong winds also affected many locations. The worst of the damage occurred near Holdenville in Hughes county, where several structures and trees sustained damage, along with golf-ball size hail.</p>				
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MURRAY COUNTY --- 1.0 SW DAVIS [34.49, -97.13]				
	04/14/11 14:50 CST		0	Hail (1.00 in)
	04/14/11 14:50 CST		0	Source: Public
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MURRAY COUNTY --- DAVIS [34.50, -97.12]				
	04/14/11 15:00 CST		0	Hail (2.00 in)
	04/14/11 15:00 CST		0	Source: Storm Chaser
The hail was reported on the northern side of town.				
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MURRAY COUNTY --- HICKORY [34.56, -96.86]				
	04/14/11 15:21 CST		0	Hail (1.25 in)
	04/14/11 15:21 CST		0	Source: Emergency Manager
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LINCOLN COUNTY --- SPARKS [35.61, -96.82]				
	04/14/11 15:23 CST		0	Hail (0.88 in)
	04/14/11 15:23 CST		0	Source: Public
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MURRAY COUNTY --- SULPHUR [34.51, -96.97]				
	04/14/11 15:30 CST		0	Hail (4.25 in)
	04/14/11 15:30 CST		0	Source: Law Enforcement
Hail sizes ranged from quarter to soft-ball size.				
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POTTAWATOMIE COUNTY --- SHAWNEE [35.33, -96.92]				
	04/14/11 15:30 CST		0	Hail (1.00 in)
	04/14/11 15:30 CST		0	Source: COOP Observer
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LINCOLN COUNTY --- 2.0 W STROUD [35.75, -96.70]				
	04/14/11 15:40 CST		0	Thunderstorm Wind (EG 61 kt)
	04/14/11 15:40 CST		0	Source: Public
A few small trees were blown down. The damage was done by the RFD portion of the storm. Monetary damages were estimated.				
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LINCOLN COUNTY --- 2.0 NNW STROUD [35.78, -96.67]				
	04/14/11 15:42 CST		0	Tornado (EF0, L: 0.30 mi , W: 40 yd)
	04/14/11 15:42 CST		0	Source: Emergency Manager
Numerous sources (storm chasers, emergency managers, local media) reported a brief tornado that occurred over an open field. No damage was reported as a result of the tornado, although some minor damage occurred as a result of the RFD. The time was approximate.				
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POTTAWATOMIE COUNTY --- 6.0 W TECUMSEH [35.26, -97.05]				
	04/14/11 15:45 CST		0	Hail (1.00 in)
	04/14/11 15:45 CST		0	Source: Public
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LINCOLN COUNTY --- STROUD [35.75, -96.66]				

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	04/14/11 15:46 CST		8K	Thunderstorm Wind (EG 52 kt)
	04/14/11 15:46 CST		0	Source: Emergency Manager
Minor building and sign damage occurred as a result of the RFD portion of the storm. Monetary damages were estimated.				
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LINCOLN COUNTY --- PRAGUE [35.49, -96.69]				
	04/14/11 15:55 CST		0	Hail (1.00 in)
	04/14/11 15:55 CST		0	Source: Law Enforcement
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LOVE COUNTY --- 3.0 W OVERBROOK [34.07, -97.19]				
	04/14/11 16:00 CST		0	Hail (1.00 in)
	04/14/11 16:00 CST		0	Source: Public
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PONTOTOC COUNTY --- ROFF [34.63, -96.84]				
	04/14/11 16:00 CST		0	Hail (1.75 in)
	04/14/11 16:00 CST		0	Source: Public
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MURRAY COUNTY --- 2.0 S SULPHUR [34.48, -96.97]				
	04/14/11 16:07 CST		0	Hail (1.75 in)
	04/14/11 16:07 CST		0	Source: Emergency Manager
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JOHNSTON COUNTY --- 5.0 NNW MILL CREEK [34.47, -96.85]				
	04/14/11 16:15 CST		0	Hail (1.75 in)
	04/14/11 16:15 CST		0	Source: Trained Spotter
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PONTOTOC COUNTY --- 2.5 SSW STONEWALL [34.62, -96.55], 2.0 S STONEWALL [34.62, -96.53]				
	04/14/11 16:24 CST		8K	Tornado (EF1, L: 1.00 mi , W: 50 yd)
	04/14/11 16:25 CST		0	Source: Storm Chaser
Radar, storm chaser, and local medial reported a small tornado. The tornado was embedded in a larger area of thunderstorm wind damage associated with the rear-flank downdraft. A number of large trees were snapped. One tree fell on top of a car, damaging it. Monetary damages were estimated.				
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POTTAWATOMIE COUNTY --- 9.2 ENE JOHNSON [35.44, -96.68]				
	04/14/11 16:45 CST		0	Hail (1.00 in)
	04/14/11 16:45 CST		0	Source: Public
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MARSHALL COUNTY --- 2.0 S MADILL [34.06, -96.77]				
	04/14/11 17:00 CST		0	Hail (2.50 in)
	04/14/11 17:00 CST		0	Source: Storm Chaser
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MARSHALL COUNTY --- 3.0 NNW MADILL [34.13, -96.79], 5.6 NNW LITTLE CITY [34.16, -96.66]				
	04/14/11 17:03 CST		0	Tornado (EF1, L: 8.00 mi , W: 300 yd)
	04/14/11 17:15 CST		0	Source: NWS Storm Survey
This tornado began three miles north-northwest of Madill and continued northeast into Johnston county. It finally lifted three miles south-southwest of Milburn. Damage was reported to several structures, with widespread tree/power pole/line damage. Monetary damages estimates were not available.				
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JOHNSTON COUNTY --- 5.0 SSE TISHOMINGO [34.16, -96.66], 3.0 SSW MILBURN [34.20, -96.57]				
	04/14/11 17:15 CST		0	Tornado (EF0, L: 6.00 mi , W: 100 yd)
	04/14/11 17:25 CST		0	Source: Trained Spotter
This tornado was a continuation of the tornado that began 3 NNW of Madill in Marshall County. It continued to produce tree damage after crossing Lake Texoma into southern Marshall County.				
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COAL COUNTY --- 5.0 NNW CENTRAHOMA [34.68, -96.37]				
	04/14/11 17:20 CST		0	Hail (1.00 in)
	04/14/11 17:20 CST		0	Source: Public
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JOHNSTON COUNTY --- TISHOMINGO [34.23, -96.68]				

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	04/14/11 17:23 CST		0	Hail (4.25 in)
	04/14/11 17:23 CST		0	Source: Emergency Manager
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JOHNSTON COUNTY --- 5.0 SSW MILBURN [34.17, -96.58]				
	04/14/11 17:25 CST		0	Tornado (EF0, L: 0.20 mi , W: 100 yd)
	04/14/11 17:25 CST		0	Source: NWS Employee
<p>Two off-duty NWS employees observed this tornado to the south of the tornado that moved from northeast of Madill to SSW of Milburn. No known damage occurred and the tornado location was estimated.</p>				
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SEMINOLE COUNTY --- WEWOKA [35.15, -96.49]				
	04/14/11 17:25 CST		0	Hail (1.00 in)
	04/14/11 17:25 CST		0	Source: Emergency Manager
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HUGHES COUNTY --- 5.0 N HOLDENVILLE [35.15, -96.40]				
	04/14/11 17:38 CST		0	Hail (1.75 in)
	04/14/11 17:38 CST		0	Source: Emergency Manager
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JOHNSTON COUNTY --- FILLMORE [34.27, -96.50]				
	04/14/11 17:45 CST		0	Hail (4.00 in)
	04/14/11 17:45 CST		0	Source: COOP Observer
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MURRAY COUNTY --- DAVIS [34.50, -97.12]				
	04/14/11 18:05 CST		0	Hail (1.75 in)
	04/14/11 18:05 CST		0	Source: Law Enforcement
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ATOKA COUNTY --- 5.0 WSW TUSHKA [34.29, -96.25], 2.0 E STRINGTOWN [34.47, -96.01]				
	04/14/11 18:20 CST	2	0	Tornado (EF3, L: 17.00 mi , W: 1320 yd)
	04/14/11 18:50 CST	40	0	Source: NWS Storm Survey
<p>A large tornado began 5 miles west-southwest of Tushka and moved east-northeast through Tushka and about 3 miles southeast of Atoka before curving to the north-northeast and dissipating around 2 miles east of Stringtown. Almost 150 homes and business' were significantly damaged or destroyed, many numerous others sustaining minor damage. Two fatalities occurred in a mobile home to the west of Tushka. Monetary damage estimates were not available, although it is thought they would be well into the millions of dollars.</p>				
<p>Direct Fatalities: F75MH, F80MH</p>				
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PONTOTOC COUNTY --- 2.0 W FITTSTOWN [34.61, -96.67]				
	04/14/11 18:20 CST		0	Hail (1.00 in)
	04/14/11 18:20 CST		0	Source: Public
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ATOKA COUNTY --- 3.0 WNW TUSHKA [34.34, -96.22], 2.0 NNE TUSHKA [34.35, -96.16]				
	04/14/11 18:21 CST		10K	Tornado (EF1, L: 4.00 mi , W: 100 yd)
	04/14/11 18:28 CST		0	Source: NWS Storm Survey
<p>Another separate area of tree damage was noted north of the larger tornado that devastated Tushka. Monetary damages were estimated.</p>				
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LINCOLN COUNTY --- WARWICK [35.69, -97.01]				
	04/14/11 18:45 CST		0	Hail (0.88 in)
	04/14/11 18:45 CST		0	Source: Law Enforcement
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JOHNSTON COUNTY --- MILL CREEK [34.40, -96.82]				
	04/14/11 19:00 CST		0	Hail (1.75 in)
	04/14/11 19:00 CST		0	Source: Amateur Radio
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ATOKA COUNTY --- 6.0 SSW REDDEN [34.43, -95.89], 6.0 SE REDDEN [34.45, -95.78]				
	04/14/11 19:04 CST		0	Tornado (EF0, L: 6.00 mi , W: 125 yd)
	04/14/11 19:10 CST		0	Source: Storm Chaser

Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A tornado was observed by a storm chaser that developed south-southwest of Redden and moved east-northeast into Pushmataha County (see Storm Data for eastern Oklahoma for the Pushmataha County portion of this tornado.) This tornado produced no known damage.

ATOKA COUNTY --- 4.0 SE ATOKA [34.34, -96.08], 4.0 ESE ATOKA [34.36, -96.07]

	04/14/11 19:36 CST		20K	Tornado (EF1, L: 2.00 mi , W: 400 yd)
	04/14/11 19:39 CST		0	Source: NWS Storm Survey

Another area of damage occurred south of the large tornado that devastated Tushka. This tornado damaged numerous trees and power lines. Monetary damages were estimated.

ATOKA COUNTY --- 1.5 NE REDDEN [34.53, -95.83], 1.3 WSW DAISY [34.53, -95.76]

	04/14/11 19:46 CST		30K	Tornado (EF1, L: 4.00 mi , W: 500 yd)
	04/14/11 19:51 CST		0	Source: NWS Storm Survey

An NWS storm survey found a barn destroyed and numerous large trees snapped or uprooted along a path from northeast of Redden to west-southwest of Daisy. Monetary damages were estimated.

ATOKA COUNTY --- 0.8 S DAISY [34.53, -95.74], 4.0 ENE DAISY [34.56, -95.68]

	04/14/11 19:58 CST		50K	Tornado (EF1, L: 4.10 mi , W: 1100 yd)
	04/14/11 20:03 CST		0	Source: NWS Storm Survey

This tornado developed to the south of Daisy in northeast Atoka County, then moved east-northeast into Pushmataha and Pittsburg Counties (see Storm Data for eastern Oklahoma for the Pushmataha and Pittsburg County segments of this tornado.) Numerous trees were snapped or uprooted, roof damage was observed to at least two homes, and a barn suffered severe damage. Monetary damages were estimated.

ATOKA COUNTY --- 2.1 SSE DAISY [34.51, -95.72], 2.2 SE DAISY [34.52, -95.72]

	04/14/11 19:59 CST		10K	Tornado (EF1, L: 0.50 mi , W: 125 yd)
	04/14/11 20:00 CST		0	Source: NWS Storm Survey

Numerous large trees were snapped and uprooted by a tornado that paralleled a larger tornado to the north. Monetary damages were estimated.

JOHNSTON COUNTY --- 4.0 W NIDA [34.14, -96.57]

	04/14/11 20:40 CST		0	Hail (1.00 in)
	04/14/11 20:40 CST		0	Source: Public

BRYAN COUNTY --- ACHILLE [33.83, -96.39]

	04/14/11 21:10 CST		0	Hail (1.00 in)
	04/14/11 21:10 CST		0	Source: Emergency Manager

An upper level trough moved onshore along the west coast on the 13th, and continued east toward the plains. The storm system strengthened as it moved east of the Rocky mountains, eventually becoming a major storm system, with blizzard conditions on the west and north sides of it, and powerful thunderstorms to the south and east. A surface low pressure moved from the Texas panhandle into southern Kansas, with a dry line extending to the south. The dry line moved quickly east before slowing to the east of I-35 in Oklahoma. Dew point temperatures reached the middle 60s east of the dry line, with bone-dry conditions advecting in on the back side of the dry line. The cap that was in place was all but erased by mid afternoon, and thunderstorms quickly developed over eastern Oklahoma. The wind shear in place was more than sufficient for rotating thunderstorms, with most storms become supercells. Very large hail and wind damage was common early in the thunderstorm life cycle. A weak tornado developed northwest of Stroud, with other storms showing signs of rotation by late afternoon. Additional tornadoes developed through the early evening, with a couple of them doing damage. The tornadoes were in addition to the hail up to softball size. By late evening, at least five tornadoes were reported, with one of them rated and EF-3.

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Location

Date/Time

Deaths &
Injuries

Property &
Crop Dmg

Event Type and Details



Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Tornado near Stroud, OK. Photo courtesy of Putnam Rider.

(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z008) KAY, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z012) GARFIELD, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z019) LOGAN, (OK-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-Z025) OKLAHOMA, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z033) HARMON, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z044) COTTON, (OK-Z045) JEFFERSON

04/15/11 05:50 CST	2K	High Wind (MAX 68 kt)
04/15/11 19:45 CST	0	

A day after a damaging tornado event, several hours of strong winds developed over much of Oklahoma. The combination of a strong low pressure moving into the southeast United States, and a strong high pressure building south through plains caused very gusty winds, with numerous gusts over 60 mph reported over a large area. The sustained winds combined with the wind gusts caused some minor damage, with a couple of high profile vehicles overturned. The most numerous severe wind gusts occurred over western Oklahoma, although severe wind gusts were reported as far east as I-35. By the mid evening hours, the winds subsided somewhat, with wind gusts mostly in the 30s and 40s.

ATOKA COUNTY --- ATOKA [34.38, -96.13]

04/19/11 14:38 CST	0	Hail (1.75 in)
04/19/11 14:38 CST	0	Source: COOP Observer

ATOKA COUNTY --- STRINGTOWN [34.47, -96.05]

04/19/11 14:39 CST	0	Hail (1.00 in)
04/19/11 14:39 CST	0	Source: Storm Chaser

ATOKA COUNTY --- 5.0 E STRINGTOWN [34.47, -95.96]

04/19/11 14:50 CST	0	Hail (4.25 in)
04/19/11 14:50 CST	0	Source: Public

BRYAN COUNTY --- 3.0 N KEMP [33.81, -96.35]

04/19/11 15:10 CST	0	Hail (1.25 in)
04/19/11 15:10 CST	0	Source: Trained Spotter

BRYAN COUNTY --- ACHILLE [33.83, -96.39]

04/19/11 15:10 CST	0	Hail (2.00 in)
04/19/11 15:10 CST	0	Source: Emergency Manager

ATOKA COUNTY --- 1.0 S DAISY [34.53, -95.74]

04/19/11 15:20 CST	0	Hail (1.75 in)
04/19/11 15:20 CST	0	Source: Broadcast Media

BRYAN COUNTY --- 3.1 S YUBA [33.77, -96.21]

04/19/11 15:45 CST	0	Hail (0.88 in)
04/19/11 15:45 CST	0	Source: Public

A cold front moved through Oklahoma fairly quickly during the morning and early afternoon hours. At the same time, a dry line was moving east, separating dew point temperatures in the middle and upper 60s from the 30s and 40s. Temperatures ahead of the front were well into the 70s, with 50s and 60s behind it. Thunderstorms erupted over parts of southeast Oklahoma by mid afternoon, quickly becoming severe in the presence of strong wind shear and CAPE values greater than 4000 J/kg. The thunderstorms developed into supercell storms, with very large hail reported. The storms moved into Eastern Oklahoma by late afternoon.

CARTER COUNTY --- LONE GROVE [34.18, -97.26]

04/20/11 22:04 CST	0	Hail (1.75 in)
04/20/11 22:04 CST	0	Source: Public

Thunderstorms developed during the late afternoon, near a stationary front located over northern Texas. Although their storm motions were generally to the east or northeast, a few storms split, with left-moving storms moving into southern Oklahoma. The storms

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>moved over the front, becoming elevated, with heavy rainfall and small hail. However, a thunderstorm moving into Carter county strengthened with the aide of the low-level jet. Large hail occurred over Lone Grove before the thunderstorm weakened below severe levels.</p>				
<hr/>				
LINCOLN COUNTY --- PRAGUE [35.49, -96.69]				
	04/22/11 16:45 CST	0		Hail (1.00 in)
	04/22/11 16:45 CST	0		Source: Law Enforcement
<hr/>				
GARVIN COUNTY --- 3.0 S MAYSVILLE [34.78, -97.41]				
	04/22/11 17:06 CST	0		Hail (1.00 in)
	04/22/11 17:06 CST	0		Source: Amateur Radio
<hr/>				
POTTAWATOMIE COUNTY --- 4.0 W TECUMSEH [35.26, -97.01]				
	04/22/11 17:15 CST	0		Hail (1.25 in)
	04/22/11 17:15 CST	0		Source: Public
<hr/>				
MCCLAIN COUNTY --- 3.0 S PURCELL [34.97, -97.37]				
	04/22/11 17:18 CST	0		Hail (1.75 in)
	04/22/11 17:18 CST	0		Source: Amateur Radio
<p>The hail was reported near Highway 74.</p>				
<hr/>				
GARVIN COUNTY --- 3.0 W PAOLI [34.83, -97.31]				
	04/22/11 17:21 CST	0		Hail (1.50 in)
	04/22/11 17:21 CST	0		Source: Storm Chaser
<hr/>				
POTTAWATOMIE COUNTY --- 5.7 S DALE [35.31, -97.03]				
	04/22/11 17:38 CST	0		Hail (1.25 in)
	04/22/11 17:38 CST	0		Source: Public
<p>The hail was reported at Bethel Acres.</p>				
<hr/>				
POTTAWATOMIE COUNTY --- 1.0 W TECUMSEH [35.26, -96.96]				
	04/22/11 17:40 CST	0		Hail (1.75 in)
	04/22/11 17:40 CST	0		Source: County Official
<hr/>				
POTTAWATOMIE COUNTY --- 2.0 S TECUMSEH [35.23, -96.94]				
	04/22/11 17:40 CST	0		Hail (2.75 in)
	04/22/11 17:40 CST	0		Source: Amateur Radio
<p>Up to baseball-size hail was reported 2 miles south of State Highway 9 and 2 miles east of Highway 102.</p>				
<hr/>				
POTTAWATOMIE COUNTY --- 3.0 E PINK [35.26, -97.07]				
	04/22/11 17:42 CST	0		Hail (1.75 in)
	04/22/11 17:42 CST	0		Source: Public
<hr/>				
GARVIN COUNTY --- 8.0 E PAOLI [34.83, -97.12]				
	04/22/11 17:46 CST	0		Hail (1.00 in)
	04/22/11 17:46 CST	0		Source: NWS Employee
<hr/>				
POTTAWATOMIE COUNTY --- 5.0 S PINK [35.19, -97.12]				
	04/22/11 17:50 CST	0		Hail (2.00 in)
	04/22/11 17:50 CST	0		Source: Broadcast Media
<hr/>				
POTTAWATOMIE COUNTY --- TECUMSEH [35.26, -96.94]				
	04/22/11 18:04 CST	0		Hail (1.25 in)
	04/22/11 18:04 CST	0		Source: Public
<hr/>				
JEFFERSON COUNTY --- 5.0 S HASTINGS [34.16, -98.11]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/22/11 18:10 CST		5K	Hail (1.75 in)
	04/22/11 18:10 CST		0	Source: Public
A sun roof on a residential structure was damaged. Monetary damages were estimated.				
JEFFERSON COUNTY --- HASTINGS [34.23, -98.11]				
	04/22/11 18:15 CST		0	Hail (1.75 in)
	04/22/11 18:15 CST		0	Source: Public
GARVIN COUNTY --- 1.0 W LINDSAY [34.84, -97.63]				
	04/22/11 18:30 CST		0	Hail (2.75 in)
	04/22/11 18:30 CST		0	Source: Public
GARVIN COUNTY --- 2.0 W LINDSAY [34.84, -97.65]				
	04/22/11 18:39 CST		0	Hail (2.75 in)
	04/22/11 18:39 CST		0	Source: Public
MCCLAIN COUNTY --- 1.0 WSW BYARS [34.86, -97.07]				
	04/22/11 18:45 CST		0	Tornado (EF0, L: 0.50 mi , W: 150 yd)
	04/22/11 18:48 CST		0	Source: NWS Storm Survey
Numerous storm chasers observed a tornado just to the west-southwest of Byars. However, no known damage was reported with this tornado.				
GARVIN COUNTY --- 2.0 S LINDSAY [34.81, -97.61]				
	04/22/11 18:55 CST		0	Hail (1.75 in)
	04/22/11 18:55 CST		0	Source: Public
GRADY COUNTY --- COX CITY [34.73, -97.73]				
	04/22/11 18:55 CST		5K	Hail (2.75 in)
	04/22/11 19:35 CST		0	Source: COOP Observer
Up to baseball-size hail occurred off and on from 1855 to 1935 cst. Minor roof damage was reported. Monetary damages were estimated.				
MCCLAIN COUNTY --- 1.0 E BYARS [34.87, -97.03]				
	04/22/11 18:59 CST		5K	Tornado (EF1, L: 0.20 mi , W: 30 yd)
	04/22/11 18:59 CST		0	Source: Storm Chaser
Numerous chasers observed a tornado near state highway 59 to the east of Byars. An outbuilding was damaged by this tornado. Several trees were downed. A downed power line caused the town to be without power for several hours. Monetary damages were estimated.				
GARVIN COUNTY --- 4.0 NW STRATFORD [34.84, -97.01]				
	04/22/11 19:02 CST		0	Tornado (EF0, L: 0.40 mi , W: 50 yd)
	04/22/11 19:05 CST		0	Source: Storm Chaser
Numerous storm chasers reported a tornado between Byars and Stratford. No damage was reported with this tornado.				
STEPHENS COUNTY --- BRAY [34.64, -97.82]				
	04/22/11 19:11 CST		0	Hail (1.75 in)
	04/22/11 19:11 CST		0	Source: Broadcast Media
STEPHENS COUNTY --- 4.0 NE BRAY [34.68, -97.77]				
	04/22/11 19:23 CST		0	Hail (2.50 in)
	04/22/11 19:23 CST		0	Source: Amateur Radio
GARVIN COUNTY --- 1.0 NW STRATFORD [34.81, -96.97]				
	04/22/11 19:28 CST		3K	Thunderstorm Wind (EG 61 kt)
	04/22/11 19:28 CST		0	Source: Trained Spotter
A telephone pole was downed and a tractor trailer was overturned. Monetary damages were estimated.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
COTTON COUNTY --- 6.0 NNW COOKIETOWN [34.35, -98.49]				
	04/22/11 19:45 CST	0		Hail (2.00 in)
	04/22/11 19:45 CST	0		Source: CoCoRaHS
JEFFERSON COUNTY --- RYAN [34.02, -97.95]				
	04/22/11 19:45 CST	0		Hail (1.00 in)
	04/22/11 19:45 CST	0		Source: Public
COTTON COUNTY --- 3.0 NW WALTERS [34.38, -98.35]				
	04/22/11 20:05 CST	0		Hail (1.00 in)
	04/22/11 20:05 CST	0		Source: Amateur Radio
COTTON COUNTY --- 1.0 N COOKIETOWN [34.28, -98.45]				
	04/22/11 20:07 CST	0		Hail (1.75 in)
	04/22/11 20:07 CST	0		Source: Amateur Radio
GARVIN COUNTY --- 3.0 S LINDSAY [34.80, -97.61]				
	04/22/11 20:09 CST	0		Hail (1.75 in)
	04/22/11 20:09 CST	0		Source: Amateur Radio
STEPHENS COUNTY --- 4.0 NE BRAY [34.68, -97.77]				
	04/22/11 20:09 CST	0		Hail (1.75 in)
	04/22/11 20:09 CST	0		Source: Amateur Radio
GRADY COUNTY --- COX CITY [34.73, -97.73]				
	04/22/11 20:10 CST	0		Hail (0.75 in)
	04/22/11 20:10 CST	0		Source: COOP Observer
STEPHENS COUNTY --- 2.0 W DUNCAN [34.50, -98.00]				
	04/22/11 20:13 CST	0		Hail (1.25 in)
	04/22/11 20:13 CST	0		Source: Amateur Radio
MURRAY COUNTY --- 8.0 N SULPHUR [34.63, -96.97]				
	04/22/11 20:20 CST	0		Hail (1.75 in)
	04/22/11 20:20 CST	0		Source: Amateur Radio
STEPHENS COUNTY --- DUNCAN [34.50, -97.96]				
	04/22/11 20:20 CST	0		Hail (1.75 in)
	04/22/11 20:20 CST	0		Source: Law Enforcement
The hail was reported over the western side of town.				
COTTON COUNTY --- WALTERS [34.35, -98.31]				
	04/22/11 20:22 CST	0		Hail (1.50 in)
	04/22/11 20:22 CST	0		Source: Public
COTTON COUNTY --- 4.0 W WALTERS [34.35, -98.38]				
	04/22/11 20:26 CST	0		Hail (1.75 in)
	04/22/11 20:26 CST	0		Source: Broadcast Media
COTTON COUNTY --- 5.0 W WALTERS [34.35, -98.40]				
	04/22/11 20:30 CST	0		Hail (2.75 in)
	04/22/11 20:30 CST	0		Source: Amateur Radio
GARVIN COUNTY --- 9.0 W ELMORE CITY [34.62, -97.56]				
	04/22/11 20:36 CST	0		Hail (1.00 in)
	04/22/11 20:36 CST	0		Source: Amateur Radio

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STEPHENS COUNTY --- CORUM [34.36, -98.10]				
	04/22/11 20:36 CST	0		Hail (1.75 in)
	04/22/11 20:36 CST	0		Source: Amateur Radio
STEPHENS COUNTY --- 2.0 W CORUM [34.36, -98.14]				
	04/22/11 21:13 CST	0		Hail (1.00 in)
	04/22/11 21:13 CST	0		Source: Amateur Radio
GARVIN COUNTY --- WYNNEWOOD [34.64, -97.16]				
	04/22/11 21:15 CST	0		Hail (1.00 in)
	04/22/11 21:15 CST	0		Source: Fire Department/Rescue
JEFFERSON COUNTY --- 3.9 NNW WAURIKA LAKE DAM [34.29, -98.08]				
	04/22/11 21:40 CST	0		Hail (1.00 in)
	04/22/11 21:40 CST	0		Source: Amateur Radio
The hail was reported at Waurika Lake.				
COTTON COUNTY --- 2.9 SSE WALTERS ARPT [34.33, -98.39], 1.2 S WALTERS [34.33, -98.31], 1.4 NE WALTERS [34.37, -98.30], 3.0 NW WALTERS [34.38, -98.35]				
	04/22/11 21:45 CST	0		Flash Flood (due to Heavy Rain)
	04/22/11 23:45 CST	0		Source: Law Enforcement
Several roadways, including Highway 5 were under water due to very heavy rainfall. The roadways had to be closed for a short time as a result.				
COTTON COUNTY --- 6.0 NNW COOKIETOWN [34.35, -98.49]				
	04/22/11 21:45 CST	0		Hail (0.75 in)
	04/22/11 21:45 CST	0		Source: CoCoRaHS
COAL COUNTY --- COALGATE [34.54, -96.22]				
	04/22/11 22:00 CST	0		Hail (0.88 in)
	04/22/11 22:00 CST	0		Source: Fire Department/Rescue
COTTON COUNTY --- 2.0 NW WALTERS [34.37, -98.33]				
	04/22/11 22:01 CST	0		Hail (1.25 in)
	04/22/11 22:01 CST	0		Source: Amateur Radio
PONTOTOC COUNTY --- VANOSS [34.76, -96.87]				
	04/22/11 22:15 CST	0		Hail (1.25 in)
	04/22/11 22:15 CST	0		Source: Trained Spotter
In addition to the hail, wind gusts were estimated around 60 mph.				
PONTOTOC COUNTY --- VANOSS [34.76, -96.87]				
	04/22/11 22:15 CST	0		Thunderstorm Wind (EG 52 kt)
	04/22/11 22:15 CST	0		Source: Trained Spotter
In addition to the estimated wind gust, hail up to half-dollar size was reported.				
COMANCHE COUNTY --- GERONIMO [34.48, -98.38]				
	04/22/11 22:30 CST	0		Hail (2.00 in)
	04/22/11 22:30 CST	0		Source: Amateur Radio
GARVIN COUNTY --- 1.0 E PAOLI [34.83, -97.24]				
	04/22/11 22:30 CST	0		Hail (1.00 in)
	04/22/11 22:30 CST	0		Source: Storm Chaser
MCCLAIN COUNTY --- 2.0 WNW BYARS [34.88, -97.08]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/22/11 23:23 CST		0	Hail (2.00 in)
	04/22/11 23:23 CST		0	Source: Trained Spotter
<hr/>				
STEPHENS COUNTY --- 8.5 WSW MARLOW [34.62, -98.11]				
	04/22/11 23:40 CST		0	Hail (1.75 in)
	04/22/11 23:40 CST		0	Source: Amateur Radio
<hr/>				
The hail was reported on 8-Mile Road west of Central High.				
<hr/>				
A cold front moved slowly southeast before stalling near the I-44 corridor. A dry line stretched just ahead of the front, lying from near Lawton southward into northern Texas, with warm, moist air present ahead of it. By early evening, thunderstorms had developed ahead of these boundaries, just south and east of the Oklahoma City metro area. Large hail was reported with several of the thunderstorms. The development of the low-level jet added to the already sufficient wind shear for supercell thunderstorms, but also aided the low-level rotation in some of the thunderstorms. A couple of short-lived tornadoes were reported over Garvin and McClain counties, with some damage reported. The storms continued to develop through the evening hours, with many of them moving over the same areas. The drought that was in place was helped by the welcome rainfall, although a few areas reported brief flash-flooding.				
<hr/>				
LOVE COUNTY --- MARIETTA [33.94, -97.12]				
	04/23/11 16:36 CST		0	Hail (1.00 in)
	04/23/11 16:36 CST		0	Source: Emergency Manager
<hr/>				
LOVE COUNTY --- BURNEYVILLE [33.91, -97.30]				
	04/23/11 18:25 CST		0	Hail (1.75 in)
	04/23/11 18:25 CST		0	Source: Public
<hr/>				
LOVE COUNTY --- LEON [33.88, -97.43]				
	04/23/11 18:56 CST		0	Hail (1.00 in)
	04/23/11 18:56 CST		0	Source: Public
<hr/>				
CARTER COUNTY --- GENE AUTRY [34.28, -97.04]				
	04/23/11 19:00 CST		0	Hail (1.00 in)
	04/23/11 19:00 CST		0	Source: Public
<hr/>				
CARTER COUNTY --- 5.0 E GENE AUTRY [34.28, -96.95]				
	04/23/11 19:05 CST		0	Hail (0.75 in)
	04/23/11 19:05 CST		0	Source: Public
<hr/>				
JOHNSTON COUNTY --- MILL CREEK [34.40, -96.82]				
	04/23/11 19:20 CST		0	Hail (1.00 in)
	04/23/11 19:20 CST		0	Source: Fire Department/Rescue
<hr/>				
CARTER COUNTY --- 1.0 W DICKSON [34.19, -97.01]				
	04/23/11 21:02 CST		0	Hail (1.00 in)
	04/23/11 21:02 CST		0	Source: Public
<hr/>				
JEFFERSON COUNTY --- WAURIKA [34.17, -98.00]				
	04/24/11 00:04 CST		0	Hail (1.75 in)
	04/24/11 00:04 CST		0	Source: Amateur Radio
<hr/>				
JEFFERSON COUNTY --- WAURIKA [34.17, -98.00]				
	04/24/11 00:08 CST		0	Hail (1.25 in)
	04/24/11 00:08 CST		0	Source: Public
<hr/>				
The hail was reported on the north side of town.				
<hr/>				
JEFFERSON COUNTY --- 1.0 NW WAURIKA [34.18, -98.01]				
	04/24/11 00:15 CST		5K	Hail (2.75 in)
	04/24/11 00:15 CST		0	Source: Amateur Radio

Minor damage was reported to a home. Monetary damages were estimated.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA COUNTY --- 8.0 WNW EDMOND [35.69, -97.61]				
	04/24/11 00:27 CST	0		Hail (0.75 in)
	04/24/11 00:27 CST	0		Source: SHAVE Project
LOGAN COUNTY --- 5.0 SSE GUTHRIE [35.81, -97.39]				
	04/24/11 00:40 CST	0		Hail (1.50 in)
	04/24/11 00:40 CST	0		Source: SHAVE Project
STEPHENS COUNTY --- 1.0 SE LOCO [34.32, -97.67]				
	04/24/11 00:59 CST	0		Hail (1.00 in)
	04/24/11 00:59 CST	0		Source: SHAVE Project
<p>The cold front that had stalled along the I-44 corridor the day before, finally began to move slowly toward south-central into southeast Oklahoma on the 23rd. The combination of afternoon heating, and lift associated with the front and upper level storm system allowed for thunderstorms to develop by mid afternoon over parts of northern Texas. By early evening, attempts at thunderstorm development over southern Oklahoma finally materialized with several of them becoming severe. The cold front slowed considerably over southeast Oklahoma, with severe thunderstorms continuing ahead of it until the early morning hours of the 24th. However, the intensity of most thunderstorms had decreased considerably. More widespread development occurred north of the front up into portions of central Oklahoma. Much of this activity remained below severe levels, although one storm briefly became severe over Logan county.</p>				
COMANCHE COUNTY --- 2.0 W GERONIMO [34.48, -98.42]				
	04/24/11 11:57 CST	0		Hail (1.00 in)
	04/24/11 11:57 CST	0		Source: Trained Spotter
COMANCHE COUNTY --- 5.8 SE LAWTON [34.55, -98.32]				
	04/24/11 12:10 CST	0		Hail (1.00 in)
	04/24/11 12:10 CST	0		Source: Broadcast Media
<p>The hail report was relayed by KSWO-TV near the intersection of SE 60th Street and Woodlawn Road.</p>				
CADDO COUNTY --- 1.0 N CYRIL [34.91, -98.20]				
	04/24/11 12:45 CST	0		Hail (1.00 in)
	04/24/11 12:45 CST	0		Source: Public
GRADY COUNTY --- 6.0 ESE ACME [34.77, -97.92]				
	04/24/11 12:50 CST	0		Hail (0.75 in)
	04/24/11 12:50 CST	0		Source: Public
GRADY COUNTY --- RUSH SPRINGS [34.78, -97.96]				
	04/24/11 12:50 CST	0		Hail (0.75 in)
	04/24/11 12:50 CST	0		Source: Public
MCCLAIN COUNTY --- 2.0 SW NEWCASTLE [35.23, -97.63]				
	04/24/11 13:01 CST	0		Hail (1.00 in)
	04/24/11 13:01 CST	0		Source: NWS Employee
<p>The hail report was reported by an off-duty SPC employee.</p>				
MCCLAIN COUNTY --- 1.0 WSW NEWCASTLE [35.24, -97.62]				
	04/24/11 13:02 CST	0		Hail (1.25 in)
	04/24/11 13:02 CST	0		Source: NWS Employee
CLEVELAND COUNTY --- MOORE [35.34, -97.49]				
	04/24/11 13:11 CST	0		Hail (1.75 in)
	04/24/11 13:15 CST	0		Source: Broadcast Media
<p>The hail was reported near downtown Moore. The report was relayed by KFOR-TV.</p>				
CLEVELAND COUNTY --- 3.0 WSW MOORE [35.32, -97.54]				

Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/24/11 13:12 CST		0	Hail (1.50 in)
	04/24/11 13:12 CST		0	Source: Storm Chaser
The hail was reported near SW 149th Street and Western Avenue.				
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CLEVELAND COUNTY --- 1.3 WSW MOORE [35.33, -97.51]				
	04/24/11 13:14 CST		0	Hail (0.88 in)
	04/24/11 13:14 CST		0	Source: Public
The hail was reported near SW 134th Street and Santa Fe Avenue.				
<hr/>				
CLEVELAND COUNTY --- 1.0 ENE MOORE [35.35, -97.47]				
	04/24/11 13:16 CST		0	Hail (1.00 in)
	04/24/11 13:16 CST		0	Source: NWS Employee
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CLEVELAND COUNTY --- MOORE [35.34, -97.49]				
	04/24/11 13:16 CST		0	Hail (1.00 in)
	04/24/11 13:16 CST		0	Source: Emergency Manager
<hr/>				
CLEVELAND COUNTY --- 3.0 SSW MOORE [35.30, -97.51]				
	04/24/11 13:17 CST		0	Hail (1.50 in)
	04/24/11 13:17 CST		0	Source: Public
<hr/>				
CLEVELAND COUNTY --- 3.0 SW MOORE [35.31, -97.53]				
	04/24/11 13:33 CST		0	Hail (1.00 in)
	04/24/11 13:33 CST		0	Source: Emergency Manager
<hr/>				
HUGHES COUNTY --- LAMAR [35.10, -96.13]				
	04/24/11 15:50 CST		0	Hail (1.00 in)
	04/24/11 15:50 CST		0	Source: Fire Department/Rescue
<hr/>				
BRYAN COUNTY --- 4.0 W YUBA [33.81, -96.28]				
	04/24/11 19:23 CST		0	Thunderstorm Wind (EG 56 kt)
	04/24/11 19:23 CST		0	Source: Public
No damage was reported with the wind gust.				
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BRYAN COUNTY --- YUBA [33.81, -96.21]				
	04/24/11 19:30 CST		2K	Thunderstorm Wind (EG 61 kt)
	04/24/11 19:30 CST		0	Source: Public
A couple of small trees were blown down. Monetary damages were estimated.				
<hr/>				
LINCOLN COUNTY --- 4.0 WSW MEEKER [35.48, -96.96]				
	04/24/11 19:30 CST		0	Hail (1.00 in)
	04/24/11 19:30 CST		0	Source: Public
<p>The same boundary that had been the main weather player the previous few days, became the focus for thunderstorm development once again during the afternoon/evening of the 24th. Thunderstorms were ongoing north of the front from southwest into central Oklahoma for much of the afternoon. Marginally severe hail was reported with a few of the storms, with much needed rainfall occurring as well. Ahead of the front, more favorable conditions existed for more robust severe thunderstorms. However, widespread cloud cover lessened the instability, which kept most of the severe weather east of southeast Oklahoma.</p>				
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HUGHES COUNTY --- WETUMKA [35.24, -96.24]				
	04/25/11 10:25 CST		0	Hail (1.25 in)
	04/25/11 10:25 CST		0	Source: Law Enforcement
<hr/>				
PONTOTOC COUNTY --- ALLEN [34.88, -96.41]				
	04/25/11 10:30 CST		0	Hail (0.75 in)
	04/25/11 10:30 CST		0	Source: Public

Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HUGHES COUNTY --- ATWOOD [34.96, -96.34]				
	04/25/11 10:50 CST		0	Hail (0.75 in)
	04/25/11 10:50 CST		0	Source: Public
HUGHES COUNTY --- 1.0 W CALVIN [34.97, -96.27]				
	04/25/11 10:57 CST		0	Hail (1.00 in)
	04/25/11 10:57 CST		0	Source: Emergency Manager
HUGHES COUNTY --- STUART [34.90, -96.10]				
	04/25/11 12:39 CST		0	Hail (0.88 in)
	04/25/11 12:39 CST		0	Source: Storm Chaser
LOVE COUNTY --- 4.0 SW MARIETTA [33.90, -97.17]				
	04/25/11 13:04 CST		0	Hail (1.00 in)
	04/25/11 13:04 CST		0	Source: COOP Observer
LOVE COUNTY --- THACKERVILLE [33.79, -97.14]				
	04/25/11 13:08 CST		0	Hail (0.75 in)
	04/25/11 13:08 CST		0	Source: Post Office
MARSHALL COUNTY --- 1.0 SE KINGSTON [33.99, -96.71]				
	04/25/11 13:30 CST		2K	Thunderstorm Wind (EG 56 kt)
	04/25/11 13:30 CST		0	Source: Law Enforcement
A tree blew down, which toppled a power line as well. Monetary damages were estimated.				
ATOKA COUNTY --- 2.0 SE WARDVILLE [34.64, -96.01]				
	04/25/11 13:49 CST		0	Hail (0.75 in)
	04/25/11 13:49 CST		0	Source: Public
GREER COUNTY --- 1.0 SW MANGUM [34.87, -99.51]				
	04/25/11 15:20 CST		0	Hail (0.88 in)
	04/25/11 15:20 CST		0	Source: Law Enforcement
JACKSON COUNTY --- BLAIR [34.78, -99.33]				
	04/25/11 15:38 CST		0	Hail (1.75 in)
	04/25/11 15:38 CST		0	Source: Emergency Manager
JACKSON COUNTY --- MARTHA [34.73, -99.39]				
	04/25/11 15:45 CST		0	Hail (1.75 in)
	04/25/11 15:45 CST		0	Source: Public
BECKHAM COUNTY --- ELK CITY [35.41, -99.42]				
	04/25/11 15:55 CST		0	Hail (0.88 in)
	04/25/11 15:55 CST		0	Source: Fire Department/Rescue
JACKSON COUNTY --- ALTUS [34.64, -99.33]				
	04/25/11 16:15 CST		0	Hail (1.00 in)
	04/25/11 16:15 CST		0	Source: Amateur Radio
BECKHAM COUNTY --- ERICK [35.21, -99.87]				
	04/25/11 17:20 CST		0	Hail (1.00 in)
	04/25/11 17:20 CST		0	Source: Public
HARMON COUNTY --- 10.0 N GOULD [34.81, -99.77]				
	04/25/11 17:50 CST		0	Hail (0.88 in)
	04/25/11 17:50 CST		0	Source: Public

Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GREER COUNTY --- MANGUM [34.88, -99.50]				
	04/25/11 18:30 CST	0		Hail (0.75 in)
	04/25/11 18:30 CST	0		Source: Emergency Manager

A front that was located from eastern into south-central Oklahoma continued to be the focus for thunderstorms. Thunderstorms developed along and north of the boundary from late morning into the evening hours. Hail reached golf-ball size over Jackson county, with several locations south of I-40 receiving slightly smaller hail sizes.

TEXAS, Western North

(TX-Z083) HARDEMAN, (TX-Z084) FOARD, (TX-Z085) WILBARGER, (TX-Z086) WICHITA, (TX-Z087) KNOX, (TX-Z088) BAYLOR, (TX-Z089) ARCHER, (TX-Z090) CLAY				
	04/01/11 00:00 CST	0		Drought
	04/30/11 23:59 CST	0		

North Texas continued to experience hot and dry conditions in April. D3 drought status (the 2nd worst) was already present over all 8 counties, but two counties worsened into D4 drought status by the end of the month. Normally a wetter month, most of the normal spring thunderstorm activity missed a large portion of Oklahoma. The dry April only compounded the very dry conditions seen over the region since the beginning of October 2010. In fact, this is the 3rd driest period statewide since October 1. Agricultural impacts were severe, as most the winter wheat crop was non-existent, as well as losses to other crops. The dry conditions also gave rise to enhanced fire weather concerns, with the normal increase in wind speeds during the spring months.

WICHITA COUNTY --- 4.9 SSE PLEASANT VALLEY [33.87, -98.58]				
	04/10/11 20:45 CST	0		Hail (1.00 in)
	04/10/11 20:45 CST	0		Source: Amateur Radio

A strong storm system moved into the central Plains, with a surface low pressure quickly moving east through Kansas. South of the low pressure, a cold front began overtaking the dry line located west of I-44 over northern Texas. Thunderstorms developed along and ahead of the front southwest of Wichita Falls. Although most of the thunderstorms remained below severe levels, one thunderstorm increased in strength enough to produce marginally severe hail over Wichita Falls.

(TX-Z083) HARDEMAN, (TX-Z085) WILBARGER, (TX-Z086) WICHITA				
	04/15/11 11:20 CST	0		High Wind (MAX 55 kt)
	04/15/11 13:30 CST	0		

Strong, gusty winds developed during the afternoon hours over northern Texas on the 15th, as a strong low pressure moved into the southeast United States and a strong high pressure moved south through the Plains. No precipitation occurred with the gusts, with a couple of wind gusts exceeding 60 mph.

WICHITA COUNTY --- WICHITA FALLS [33.91, -98.49]				
	04/22/11 17:32 CST	0		Hail (1.25 in)
	04/22/11 17:32 CST	0		Source: Public

WICHITA COUNTY --- WICHITA FALLS [33.91, -98.49]				
	04/22/11 17:51 CST	0		Hail (1.00 in)
	04/22/11 17:51 CST	0		Source: Trained Spotter

CLAY COUNTY --- 2.0 N DEAN [33.98, -98.35]				
	04/22/11 18:13 CST	0		Hail (1.00 in)
	04/22/11 18:13 CST	0		Source: Trained Spotter

CLAY COUNTY --- 1.0 NE DEAN [33.96, -98.34]				
	04/22/11 18:26 CST	0		Hail (1.50 in)
	04/22/11 18:26 CST	0		Source: Storm Chaser

CLAY COUNTY --- 3.0 NE DEAN [33.98, -98.31]				
	04/22/11 18:30 CST	0		Hail (2.00 in)
	04/22/11 18:30 CST	0		Source: Storm Chaser

Storm Data and Unusual Weather Phenomena - April 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<hr/>				
CLAY COUNTY --- 1.0 SW DEAN [33.94, -98.36]				
	04/22/11 18:40 CST		0	Hail (2.25 in)
	04/22/11 18:40 CST		0	Source: Public
<hr/>				
CLAY COUNTY --- 5.0 N HENRIETTA [33.89, -98.19]				
	04/22/11 18:59 CST		0	Hail (1.00 in)
	04/22/11 18:59 CST		0	Source: Public
<hr/>				
<p>A cold front moved slowly southeast before stalling near the I-44 corridor. A dry line stretched just ahead of the front, lying from near Lawton southward into northern Texas, with warm, moist air present ahead of it. By early evening, thunderstorms had developed ahead of these boundaries, mainly over Clay and Wichita counties. Large hail was reported over several locations, with over 2" diameter hail reported near Dean.</p>				
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WICHITA COUNTY --- ELECTRA [34.03, -98.92]				
	04/23/11 21:40 CST		0	Hail (1.00 in)
	04/23/11 21:40 CST		0	Source: Amateur Radio
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WICHITA COUNTY --- 4.0 W BURKBURNETT [34.09, -98.63]				
	04/23/11 22:00 CST		0	Hail (1.75 in)
	04/23/11 22:00 CST		0	Source: Broadcast Media
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WICHITA COUNTY --- 1.1 WSW CASHION [34.02, -98.52]				
	04/23/11 22:15 CST		0	Hail (1.00 in)
	04/23/11 22:15 CST		0	Source: Amateur Radio
<hr/>				
<p>The hail was reported near the intersection of Highway 240 and Bailey Road.</p>				
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WICHITA COUNTY --- 0.6 NNW CASHION [34.04, -98.50]				
	04/23/11 22:35 CST		0	Hail (1.00 in)
	04/23/11 22:35 CST		0	Source: Amateur Radio
<hr/>				
<p>The cold front that had stalled along the I-44 corridor the day before, finally began to move slowly toward south-central Oklahoma and adjacent areas of northern Texas on the 23rd. The combination of afternoon heating, and lift associated with the front and upper level storm system allowed for thunderstorms to develop by mid afternoon over parts of northern Texas, although these stayed below severe levels. By the evening hours, however, attempts at thunderstorm development finally materialized with a few becoming severe.</p>				
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ARCHER COUNTY --- 3.0 W ARCHER CITY [33.59, -98.68]				
	04/25/11 00:02 CST		0	Hail (1.00 in)
	04/25/11 00:02 CST		0	Source: Public
<hr/>				
<p>The same boundary that had been the main weather player the previous few days, became the focus for thunderstorm development once again during the late night hours of the 25th. Ahead of the front, favorable conditions existed for robust severe thunderstorms. Much of the development held off until late on the 24th over northern Texas, with a severe thunderstorm moving over Archer County well after midnight. Quarter-size hail was reported near Archer City.</p>				