

Storm Data and Unusual Weather Phenomena - November 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
CADDO COUNTY --- 2.0 W COGAR [35.33, -98.17]				
	11/05/08 14:51 CST		7K	Thunderstorm Wind (EG 52 kt)
	11/05/08 14:51 CST		0	Source: Public
Several three-inch oak tree limbs were downed by the strong winds. Monetary damages were estimated.				
CANADIAN COUNTY --- 1.0 S PIEDMONT [35.63, -97.75]				
	11/05/08 15:30 CST		0	Hail (2.50 in)
	11/05/08 15:30 CST		0	Source: Broadcast Media
The hail was reported by KWTW-9 television.				
CANADIAN COUNTY --- 2.5 N PIEDMONT [35.68, -97.75]				
	11/05/08 15:30 CST		0	Hail (1.00 in)
	11/05/08 15:30 CST		0	Source: COOP Observer
OKLAHOMA COUNTY --- 9.5 WSW EDMOND [35.60, -97.64]				
	11/05/08 15:35 CST		0	Hail (1.75 in)
	11/05/08 15:35 CST		0	Source: Emergency Manager
The hail was reported at the intersection of Rockwell Avenue and the Kilpatrick Turnpike.				
COMANCHE COUNTY --- 13.0 E LAWTON [34.61, -98.16], 2.0 E PUMPKIN CENTER [34.59, -98.17]				
	11/05/08 15:49 CST		0	Hail (0.75 in)
	11/05/08 15:49 CST		0	Source: Amateur Radio
COMANCHE COUNTY --- 3.0 S PUMPKIN CENTER [34.55, -98.21]				
	11/05/08 15:49 CST		0	Hail (0.88 in)
	11/05/08 15:49 CST		0	Source: Amateur Radio
KAY COUNTY --- KAW CITY [36.76, -96.86]				
	11/05/08 15:50 CST		0	Thunderstorm Wind (EG 61 kt)
	11/05/08 15:50 CST		0	Source: Emergency Manager
LOGAN COUNTY --- 5.0 ENE GUTHRIE [35.91, -97.34]				
	11/05/08 16:18 CST		0	Hail (1.75 in)
	11/05/08 16:18 CST		0	Source: Amateur Radio
The hail covered the ground.				
PAYNE COUNTY --- 12.0 W STILLWATER [36.12, -97.28]				
	11/05/08 16:19 CST		0	Hail (0.88 in)
	11/05/08 16:19 CST		0	Source: Emergency Manager
Dime to nickel size hail was reported at the intersection of Highways 51 and 86.				
LOGAN COUNTY --- 3.0 W MERIDIAN [35.84, -97.30]				
	11/05/08 16:24 CST		0	Hail (0.75 in)
	11/05/08 16:24 CST		0	Source: Public
The hail covered the ground.				
LOGAN COUNTY --- 2.0 N MERIDIAN [35.87, -97.25]				
	11/05/08 16:25 CST		20K	Hail (2.00 in)
	11/05/08 16:25 CST		0	Source: Post Office
The large hail dented several cars along Highway 105. The hail completely covered the roadway. Monetary damages were estimated.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GRADY COUNTY --- 3.0 SSE CHICKASHA ARPT [35.04, -97.95]				
	11/05/08 16:27 CST	0		Hail (0.88 in)
	11/05/08 16:27 CST	0		Source: Amateur Radio
GRADY COUNTY --- 3.0 SSE CHICKASHA ARPT [35.04, -97.95]				
	11/05/08 16:30 CST	0		Hail (1.00 in)
	11/05/08 16:30 CST	0		Source: Public
MCCLAIN COUNTY --- NEWCASTLE [35.25, -97.60]				
	11/05/08 16:32 CST	0		Hail (1.00 in)
	11/05/08 16:35 CST	0		Source: Trained Spotter
Dime to quarter size hail was reported.				
PAYNE COUNTY --- 2.0 S PERKINS [35.95, -97.03]				
	11/05/08 16:38 CST	0		Hail (1.00 in)
	11/05/08 16:38 CST	0		Source: Emergency Manager
The hail was reported on Highway 177.				
PAYNE COUNTY --- PERKINS [35.98, -97.03]				
	11/05/08 16:38 CST	0		Hail (1.00 in)
	11/05/08 16:38 CST	0		Source: Emergency Manager
The hail was reported on Highway 177.				
CLEVELAND COUNTY --- 4.0 NW NORMAN [35.26, -97.49]				
	11/05/08 16:39 CST	40M		Hail (1.75 in)
	11/05/08 16:42 CST	0		Source: NWS Employee
Abundant amounts of quarter to golfball size hail were reported near and around Northwest 36th street and Tecumseh Road. Severe winds also occurred, estimated at 60 mph. The combination of wind and hail caused widespread significant damage to roofs, windows, fences and vehicles. Most homes on the northwest side of Norman suffered some type of damage, especially in the area bounded by Rock Creek Road on the south, 48th Avenue NW on the west, Franklin Road on the north, and Interstate 35 on the east. Local damage assessments found thousands of residents had to get their roofs replaced, and many also suffered significant damage to windows, screens, fences, outbuildings and siding. In addition, numerous vehicles were damaged by the hail, with many assessed to be total losses. Damage estimates for roof, window, and fence replacement ranged from \$15,000 to \$35,000 per house in northwest Norman. Monetary losses were estimated based on these figures.				
CLEVELAND COUNTY --- 2.5 WSW MOORE [35.33, -97.53]				
	11/05/08 16:40 CST	0		Hail (0.88 in)
	11/05/08 16:40 CST	0		Source: Public
The hail was reported at Southwest 149TH and Western Avenue.				
CLEVELAND COUNTY --- 4.0 NW NORMAN [35.26, -97.49]				
	11/05/08 16:41 CST	0		Thunderstorm Wind (EG 60 kt)
	11/05/08 16:41 CST	0		Source: NWS Employee
The wind gust was reported at Northwest 36th street and Tecumseh Road.				
PAYNE COUNTY --- PERKINS [35.98, -97.03]				
	11/05/08 16:42 CST	0		Hail (1.75 in)
	11/05/08 16:42 CST	0		Source: Public
The hail was reported at the intersection of Highway 33 and Union Road.				
CLEVELAND COUNTY --- 2.5 W (OUN)NORMAN WESTHEIMER ARPT [35.25, -97.51]				
	11/05/08 16:43 CST	0		Hail (1.00 in)
	11/05/08 16:43 CST	0		Source: Public
The hail was reported at Northwest 48th street and Rock Creek Road.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CLEVELAND COUNTY --- 3.5 WNW NORMAN [35.24, -97.50]				
	11/05/08 16:45 CST	0		Hail (2.00 in)
	11/05/08 16:45 CST	0		Source: NWS Employee
Reported by an off-duty SPC employee.				
CLEVELAND COUNTY --- 4.0 W STANLEY DRAPER LAKE DAM [35.33, -97.42]				
	11/05/08 16:55 CST	0		Hail (1.75 in)
	11/05/08 16:55 CST	0		Source: NWS Employee
The hail was reported at the intersection of Sooner Road and Southeast 134th street.				
COMANCHE COUNTY --- PUMPKIN CENTER [34.59, -98.21]				
	11/05/08 16:55 CST	0		Hail (0.75 in)
	11/05/08 16:55 CST	0		Source: Amateur Radio
OKLAHOMA COUNTY --- 6.0 S CHOCTAW [35.40, -97.27]				
	11/05/08 17:07 CST	0		Hail (0.75 in)
	11/05/08 17:07 CST	0		Source: Public
The hail was reported at the Love's Store. The hail covered the ground.				
CLEVELAND COUNTY --- 2.0 S MOORE [35.31, -97.49]				
	11/05/08 17:18 CST	0		Hail (1.00 in)
	11/05/08 17:18 CST	0		Source: Public
Dime to quarter size hail was reported at the Moore Water Treatment Plant. The hail covered the ground.				
CLEVELAND COUNTY --- 4.0 ENE NOBLE [35.16, -97.32]				
	11/05/08 17:18 CST	0		Hail (1.00 in)
	11/05/08 17:18 CST	0		Source: NWS Employee
STEPHENS COUNTY --- MARLOW [34.65, -97.96]				
	11/05/08 17:20 CST	0		Thunderstorm Wind (EG 52 kt)
	11/05/08 17:20 CST	0		Source: Amateur Radio
STEPHENS COUNTY --- MARLOW [34.65, -97.96]				
	11/05/08 17:22 CST	0		Thunderstorm Wind (EG 52 kt)
	11/05/08 17:22 CST	0		Source: Public
STEPHENS COUNTY --- MARLOW [34.65, -97.96]				
	11/05/08 17:22 CST	0		Hail (1.75 in)
	11/05/08 17:24 CST	0		Source: Amateur Radio
Quarter to golfball size hail was reported.				
PAYNE COUNTY --- YALE [36.11, -96.70]				
	11/05/08 17:26 CST	0		Hail (1.00 in)
	11/05/08 17:26 CST	0		Source: Emergency Manager
LINCOLN COUNTY --- 5.0 W MEEKER [35.50, -96.98]				
	11/05/08 17:29 CST	0		Hail (0.75 in)
	11/05/08 17:29 CST	0		Source: Amateur Radio
GRADY COUNTY --- 2.0 WSW COX CITY [34.72, -97.76]				
	11/05/08 17:40 CST	0		Hail (0.88 in)
	11/05/08 17:40 CST	0		Source: Amateur Radio

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GRADY COUNTY --- 2.0 WSW COX CITY [34.72, -97.76]				
	11/05/08 17:40 CST		0	Hail (0.88 in)
	11/05/08 17:40 CST		0	Source: NWS Employee
MCCLAIN COUNTY --- BLANCHARD [35.14, -97.66]				
	11/05/08 17:47 CST		0	Hail (1.00 in)
	11/05/08 17:47 CST		0	Source: NWS Employee
GRADY COUNTY --- 2.0 NE MIDDLEBERG [35.13, -97.72]				
	11/05/08 17:50 CST		0	Hail (1.25 in)
	11/05/08 18:00 CST		0	Source: COOP Observer
Quarter to half dollar size hail was reported.				
GRADY COUNTY --- COX CITY [34.73, -97.73]				
	11/05/08 17:50 CST		0	Hail (1.75 in)
	11/05/08 17:50 CST		0	Source: Public
GARVIN COUNTY --- 3.0 WSW LINDSAY [34.82, -97.66]				
	11/05/08 18:00 CST		0	Hail (0.75 in)
	11/05/08 18:00 CST		0	Source: COOP Observer
JEFFERSON COUNTY --- 1.0 S TERRAL [33.89, -97.94]				
	11/05/08 18:00 CST		0	Hail (0.75 in)
	11/05/08 18:00 CST		0	Source: Public
Penny-size hail covered the ground.				
POTTAWATOMIE COUNTY --- 1.0 S DALE [35.38, -97.05]				
	11/05/08 18:00 CST		0	Thunderstorm Wind (MG 54 kt)
	11/05/08 18:00 CST		0	Source: Emergency Manager
The wind gust was measured at the intersection of Interstate 40 and Highway 102 South.				
POTTAWATOMIE COUNTY --- 6.5 W SHAWNEE [35.33, -97.04]				
	11/05/08 18:00 CST		10K	Thunderstorm Wind (EG 56 kt)
	11/05/08 18:00 CST		0	Source: Emergency Manager
Minor roof damage, mainly shingle damage to three structures, was reported as a result of high winds. Monetary damages were estimated.				
GARVIN COUNTY --- 2.0 S LINDSAY [34.81, -97.61]				
	11/05/08 18:05 CST		0	Hail (1.00 in)
	11/05/08 18:05 CST		0	Source: Public
CLEVELAND COUNTY --- 1.0 E MOORE [35.34, -97.47]				
	11/05/08 18:06 CST		0	Hail (1.00 in)
	11/05/08 18:06 CST		0	Source: NWS Employee
The hail was reported near Moore High School.				
CLEVELAND COUNTY --- 2.0 WNW MOORE [35.35, -97.52]				
	11/05/08 18:07 CST		0	Hail (1.00 in)
	11/05/08 18:07 CST		0	Source: Public
The hail was reported near SW 199th and Western Avenue.				
OKLAHOMA COUNTY --- 2.0 SSE DEL CITY [35.42, -97.43]				
	11/05/08 18:14 CST		0	Hail (1.50 in)
	11/05/08 18:14 CST		0	Source: Broadcast Media

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The hail was reported at SE 44th street and Sooner Road.				
OKLAHOMA COUNTY --- 1.0 WSW MIDWEST CITY [35.45, -97.41]				
	11/05/08 18:16 CST	0		Hail (0.88 in)
	11/05/08 18:16 CST	0		Source: NWS Employee
The hail was reported at the intersection of SE 15th and Air Depot Road.				
OKLAHOMA COUNTY --- 1.0 S SPENCER [35.50, -97.38]				
	11/05/08 18:20 CST	0		Hail (1.00 in)
	11/05/08 18:20 CST	0		Source: Amateur Radio
The hail was reported at NE 23rd street and Spencer Road.				
OKLAHOMA COUNTY --- 2.0 ESE MIDWEST CITY [35.45, -97.36]				
	11/05/08 18:26 CST	0		Hail (1.00 in)
	11/05/08 18:26 CST	0		Source: NWS Employee
The hail was reported at the intersection of SE 15th street and Post Road.				
LOGAN COUNTY --- 1.5 E GUTHRIE [35.88, -97.39]				
	11/05/08 18:29 CST	0		Hail (0.75 in)
	11/05/08 18:29 CST	0		Source: Amateur Radio
The hail was reported at the intersection of Interstate 35 and Highway 33.				
MCCLAIN COUNTY --- WAYNE [34.92, -97.32]				
	11/05/08 18:30 CST	0		Hail (0.88 in)
	11/05/08 18:30 CST	0		Source: Public
The hail covered the ground.				
CANADIAN COUNTY --- 5.0 NE PIEDMONT [35.69, -97.69]				
	11/05/08 18:50 CST	0		Hail (0.88 in)
	11/05/08 18:50 CST	0		Source: Public
CANADIAN COUNTY --- 5.0 NE PIEDMONT [35.69, -97.69]				
	11/05/08 18:50 CST	5K		Thunderstorm Wind (EG 52 kt)
	11/05/08 18:50 CST	0		Source: Public
Several tree limbs were blown down. Monetary damages were estimated.				
LOGAN COUNTY --- 2.0 SSW NAVINA [35.77, -97.57]				
	11/05/08 19:00 CST	2K		Hail (1.75 in)
	11/05/08 19:00 CST	0		Source: Public
The hail was reported on Highway 74. A car windshield was broken as a result of the hail. Monetary damages were estimated.				
PAYNE COUNTY --- 10.0 S STILLWATER [35.98, -97.06]				
	11/05/08 19:07 CST	0		Hail (1.00 in)
	11/05/08 19:07 CST	0		Source: Amateur Radio
CARTER COUNTY --- 1.0 N LONE GROVE [34.19, -97.26]				
	11/05/08 19:10 CST	0		Hail (1.00 in)
	11/05/08 19:10 CST	0		Source: Public
POTTAWATOMIE COUNTY --- 10.0 S TECUMSEH [35.12, -96.94]				
	11/05/08 19:15 CST	0		Hail (0.75 in)
	11/05/08 19:15 CST	0		Source: Public

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SEMINOLE COUNTY --- 3.0 E LITTLE [35.35, -96.62]				
	11/05/08 19:40 CST		0	Thunderstorm Wind (EG 52 kt)
	11/05/08 19:40 CST		0	Source: Trained Spotter
PAYNE COUNTY --- YALE [36.11, -96.70]				
	11/05/08 19:45 CST		0	Hail (0.75 in)
	11/05/08 19:45 CST		0	Source: Emergency Manager
GRADY COUNTY --- 3.0 E TABLER [35.04, -97.77]				
	11/05/08 19:59 CST		0	Hail (0.88 in)
	11/05/08 19:59 CST		0	Source: Amateur Radio
GRADY COUNTY --- 3.0 E TABLER [35.04, -97.77]				
	11/05/08 20:04 CST		0	Thunderstorm Wind (MG 56 kt)
	11/05/08 20:04 CST		0	Source: Amateur Radio
CANADIAN COUNTY --- 5.0 NW PIEDMONT [35.69, -97.81]				
	11/05/08 20:05 CST		0	Hail (1.25 in)
	11/05/08 20:05 CST		0	Source: Public
GRADY COUNTY --- 3.5 ENE MIDDLEBERG [35.13, -97.68]				
	11/05/08 20:14 CST		0	Thunderstorm Wind (EG 52 kt)
	11/05/08 20:14 CST		0	Source: COOP Observer
CADDO COUNTY --- 9.0 S ANADARKO [34.95, -98.24]				
	11/05/08 20:15 CST		0	Hail (0.88 in)
	11/05/08 20:15 CST		0	Source: Amateur Radio
CLEVELAND COUNTY --- 3.0 S NORMAN [35.18, -97.44]				
	11/05/08 20:30 CST		0	Hail (0.75 in)
	11/05/08 20:30 CST		0	Source: NWS Employee
CLEVELAND COUNTY --- 3.0 WNW NORMAN [35.24, -97.49]				
	11/05/08 20:37 CST		0	Hail (0.75 in)
	11/05/08 20:37 CST		0	Source: NWS Employee
CLEVELAND COUNTY --- 2.5 NNE NORMAN [35.25, -97.42]				
	11/05/08 20:43 CST		0	Hail (1.00 in)
	11/05/08 20:43 CST		0	Source: Trained Spotter
The hail was reported near Rock Creek Road and Highway 77.				
OKLAHOMA COUNTY --- CHOCTAW [35.49, -97.27]				
	11/05/08 20:45 CST		0	Hail (0.75 in)
	11/05/08 20:45 CST		0	Source: Public
PAYNE COUNTY --- PERKINS [35.98, -97.03]				
	11/05/08 20:55 CST		5K	Thunderstorm Wind (EG 65 kt)
	11/05/08 20:55 CST		0	Source: Public
The wind blew a pickup truck off the road near Highway 33 and Union Road. No injuries were reported. Monetary damages were estimated.				
POTTAWATOMIE COUNTY --- 4.0 NNE PINK [35.31, -97.09]				
	11/05/08 20:57 CST		0	Hail (1.00 in)
	11/05/08 20:57 CST		0	Source: Emergency Manager
POTTAWATOMIE COUNTY --- 7.0 W SHAWNEE [35.33, -97.04]				

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	11/05/08 21:00 CST		0	Hail (1.75 in)
	11/05/08 21:00 CST		0	Source: Public
The hail was reported a half of a mile east of Highway 102.				
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POTTAWATOMIE COUNTY --- 8.0 W SHAWNEE [35.33, -97.06]				
	11/05/08 21:00 CST		10K	Hail (1.75 in)
	11/05/08 21:00 CST		0	Source: Public
The hail broke several windows at Shawnee Lake. Monetary damages were estimated.				
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POTTAWATOMIE COUNTY --- MCLLOUD [35.44, -97.09]				
	11/05/08 21:06 CST		0	Hail (0.88 in)
	11/05/08 21:06 CST		0	Source: Emergency Manager
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OKLAHOMA COUNTY --- 2.0 WSW CHOCTAW [35.48, -97.30]				
	11/05/08 21:12 CST		0	Hail (1.00 in)
	11/05/08 21:12 CST		0	Source: Law Enforcement
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OKLAHOMA COUNTY --- 3.0 SSE DEL CITY [35.41, -97.42]				
	11/05/08 21:23 CST		0	Thunderstorm Wind (EG 70 kt)
	11/05/08 21:23 CST		0	Source: Public
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CLEVELAND COUNTY --- 2.0 NW NORMAN [35.24, -97.47]				
	11/05/08 21:25 CST		0	Thunderstorm Wind (MG 50 kt)
	11/05/08 21:25 CST		0	Source: Mesonet
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CLEVELAND COUNTY --- 4.0 NW NORMAN [35.26, -97.49]				
	11/05/08 21:25 CST		0	Hail (0.88 in)
	11/05/08 21:25 CST		0	Source: NWS Employee
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CLEVELAND COUNTY --- 4.0 NW NORMAN [35.26, -97.49]				
	11/05/08 21:25 CST		5K	Thunderstorm Wind (EG 56 kt)
	11/05/08 21:25 CST		0	Source: NWS Employee
A west-facing stockade fence was blown over by the wind. Monetary damages were estimated.				
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CLEVELAND COUNTY --- 3.0 W NORMAN [35.22, -97.49]				
	11/05/08 21:26 CST		0	Hail (0.88 in)
	11/05/08 21:26 CST		0	Source: Amateur Radio
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CLEVELAND COUNTY --- 2.0 W MOORE [35.34, -97.53]				
	11/05/08 21:28 CST		1K	Thunderstorm Wind (EG 61 kt)
	11/05/08 21:28 CST		0	Source: NWS Employee
A very large tree limb was blown down. Monetary damages were estimated.				
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CLEVELAND COUNTY --- 4.0 NW NORMAN [35.26, -97.49]				
	11/05/08 21:30 CST		0	Hail (0.75 in)
	11/05/08 21:30 CST		0	Source: NWS Employee
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SEMINOLE COUNTY --- CROMWELL [35.34, -96.45]				
	11/05/08 22:20 CST		0	Hail (0.75 in)
	11/05/08 22:20 CST		0	Source: Public

Numerous strong to severe thunderstorms developed ahead of a dry line, west of Interstate 35, and moved northeast into central and northern Oklahoma. The thunderstorms became severe and produced large hail and some damaging winds. Several areas reported hail covering ground a couple of inches deep. Two additional rounds of thunderstorms developed by nightfall, with some areas receiving large hail three to five separate times. Some of the hail reached over golf ball size, and this combined with strong winds caused fairly significant roof, window, and fence damage. The most widespread damage occurred in the northwest Norman area, with an estimated

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\$40 million in damage. The dryline and cold front finally moved into eastern Oklahoma by mid evening, with much cooler temperatures overspreading the region.

TILLMAN COUNTY --- 6.0 SW GRANDFIELD [34.17, -98.76]

11/10/08 13:48 CST	0	Hail (1.00 in)
11/10/08 13:48 CST	0	Source: Public

Thunderstorms developed early in the afternoon and moved into southwest Oklahoma. One of the storms produced quarter size hail in Tillman County before weakening. No damage was reported.