

Storm Data and Unusual Weather Phenomena - October 2010

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

KIOWA COUNTY --- 5.0 NNE GOTEBO [35.14, -98.84]

	10/10/10 17:28 CST		0	Hail (0.75 in)
	10/10/10 17:28 CST		0	Source: Trained Spotter

Lots of penny-sized hail was reported.

KIOWA COUNTY --- 2.2 NE (HBR)HOBART AIRPORT [35.02, -99.03]

	10/10/10 17:33 CST		0	Hail (0.88 in)
	10/10/10 17:33 CST		0	Source: Amateur Radio

The hail was reported two miles east of Highway 183 on Ozark Trail Road.

WASHITA COUNTY --- 6.4 SSE COWDEN [35.16, -98.68]

	10/10/10 17:36 CST		0	Hail (1.00 in)
	10/10/10 17:36 CST		0	Source: Law Enforcement

Up to quarter-size hail was reported through the Kiowa County dispatch.

CADDO COUNTY --- CARNEGIE [35.10, -98.60]

	10/10/10 17:40 CST		0	Hail (1.00 in)
	10/10/10 17:40 CST		0	Source: Law Enforcement

Nickel- to quarter-size hail was reported.

CADDO COUNTY --- 2.0 N CARNEGIE [35.13, -98.60]

	10/10/10 17:47 CST		0	Hail (1.25 in)
	10/10/10 17:47 CST		0	Source: Amateur Radio

The hail was reported on Highway 58.

CADDO COUNTY --- 2.0 NE CARNEGIE [35.12, -98.58]

	10/10/10 17:57 CST		0	Hail (1.50 in)
	10/10/10 17:59 CST		0	Source: Public

CADDO COUNTY --- 3.0 W FT COBB [35.10, -98.49]

	10/10/10 18:03 CST		0	Hail (1.25 in)
	10/10/10 18:03 CST		0	Source: Amateur Radio

Quarter- to half dollar-size hail was reported 3 to 4 miles west of Fort Cobb on Highway 9.

CADDO COUNTY --- FT COBB [35.10, -98.44]

	10/10/10 18:13 CST		3K	Hail (1.75 in)
	10/10/10 18:13 CST		0	Source: Amateur Radio

Up to golf ball-size hail was reported. The hail broke out windows of a few automobiles, as well as at residences. Monetary damages were estimated.

CADDO COUNTY --- 2.0 W ANADARKO [35.08, -98.28]

	10/10/10 18:45 CST		0	Hail (1.25 in)
	10/10/10 18:45 CST		0	Source: Amateur Radio

GARFIELD COUNTY --- ENID [36.40, -97.88]

	10/10/10 18:45 CST		0	Hail (0.88 in)
	10/10/10 19:00 CST		0	Source: Trained Spotter

Penny- to nickel-size hail was reported in and around Enid.

CADDO COUNTY --- 1.0 N ANADARKO [35.09, -98.24]

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	10/10/10 18:48 CST		0	Hail (1.75 in)
	10/10/10 18:48 CST		0	Source: Amateur Radio

Hail up to golf ball-size covered the ground.

CADDO COUNTY --- 2.0 E ANADARKO [35.08, -98.20]

	10/10/10 19:01 CST		0	Thunderstorm Wind (MG 51 kt)
	10/10/10 19:01 CST		0	Source: Trained Spotter

Hail up to golf ball-size was also reported with the wind gust.

CADDO COUNTY --- ANADARKO [35.08, -98.24]

	10/10/10 19:01 CST		0	Hail (1.75 in)
	10/10/10 19:05 CST		0	Source: Trained Spotter

Hail up to golf ball-size piled up several inches deep over the eastern sides of Andarko. A measured wind gust of 59 mph was also reported. The hail dammed up the city's drainage system, causing brief flooding of the streets. So much hail fell that it was still in piles well into the next day. No damage was reported with the hail.

GRADY COUNTY --- VERDEN [35.08, -98.09]

	10/10/10 19:08 CST		0	Hail (1.00 in)
	10/10/10 19:08 CST		0	Source: Trained Spotter

CADDO COUNTY --- STECKER [34.96, -98.32]

	10/10/10 19:10 CST		0	Hail (1.00 in)
	10/10/10 19:10 CST		0	Source: Public

GARFIELD COUNTY --- HUNTER [36.56, -97.66]

	10/10/10 19:10 CST		75K	Lightning
	10/10/10 19:10 CST		0	Source: Newspaper

The First Christian Church was heavily damaged following a lightning strike. Although the building was not a total loss, a significant portion burned to the ground. The time of the lightning strike was approximate. Monetary damages were estimated.

JACKSON COUNTY --- ALTUS [34.64, -99.33]

	10/10/10 19:15 CST		0	Hail (0.88 in)
	10/10/10 19:15 CST		0	Source: Emergency Manager

CADDO COUNTY --- 3.0 N CYRIL [34.94, -98.20]

	10/10/10 19:45 CST		0	Hail (1.00 in)
	10/10/10 19:45 CST		0	Source: Law Enforcement

The hail covered Highway 8 briefly, three miles north of Cyril.

COMANCHE COUNTY --- MEERS [34.78, -98.58]

	10/10/10 19:52 CST		0	Hail (0.88 in)
	10/10/10 19:52 CST		0	Source: Trained Spotter

COMANCHE COUNTY --- 4.0 E MEERS [34.78, -98.51]

	10/10/10 20:03 CST		0	Hail (1.00 in)
	10/10/10 20:03 CST		0	Source: Amateur Radio

The hail was reported near the intersection of Highway 58 and Meers Porter Hill Road.

A strong storm system moved southeast through the central Plains during the late hours of the 9th and into the 10th. Thunderstorms developed first over northern Oklahoma, and then developed further south toward the Red River along and just behind the front. Large hail was reported with several of the thunderstorms, especially over southwest Oklahoma. Some of the hail fell in large quantities, with locations like Anadarko receiving so much hail that it looked like snow the next morning. The storms weakened to below severe limits by midnight as they moved off to the east.

OKLAHOMA COUNTY --- 7.0 NW OKLAHOMA CITY [35.54, -97.60]

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	10/19/10 08:00 CST		0	Hail (0.75 in)
	10/19/10 08:08 CST		0	Source: Public
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OKLAHOMA COUNTY --- 3.5 SE BETHANY [35.47, -97.60]				
	10/19/10 08:10 CST		0	Hail (0.75 in)
	10/19/10 08:15 CST		0	Source: Public
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OKLAHOMA COUNTY --- 2.8 SSE WARR ACRES [35.49, -97.59]				
	10/19/10 08:12 CST		0	Hail (0.88 in)
	10/19/10 08:18 CST		0	Source: Public
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Showers and thunderstorms developed over northern and central Oklahoma, near and north of a weak front draped across the state. Weak upper level support allowed for the thunderstorms to become strong at times, and hail up to nickel-size was reported over parts of Oklahoma City. The hail remained below severe limits, and the storms moved into eastern Oklahoma by the late morning.				
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JACKSON COUNTY --- DUKE [34.66, -99.57]				
	10/21/10 20:30 CST		0	Hail (1.75 in)
	10/21/10 20:31 CST		0	Source: Public
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JACKSON COUNTY --- BLAIR [34.78, -99.33], 0.4 NE BLAIR [34.78, -99.33]				
	10/21/10 21:50 CST		0	Thunderstorm Wind (EG 70 kt)
	10/21/10 22:00 CST		0	Source: Emergency Manager
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Several severe wind gusts caused significant damage in around the town of Blair. At least three dozen homes and business sustained damage of various severity. A portion of an apartment building in downtown Blair, as well as at a daycare lost a significant portion of their roofs. Other rooftops sustained minor to moderate damage. Glass was blown out of several buildings. A couple of mobile homes were blown onto their sides. Carports were destroyed. Numerous trees limbs were downed. A large 80 foot by 50 foot barn northeast of Blair, or a half of mile east on Warren Road, was destroyed. Monetary damage estimates were unavailable.				
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KIOWA COUNTY --- 4.0 SE HOBART [34.99, -99.05]				
	10/21/10 21:55 CST		0	Thunderstorm Wind (MG 50 kt)
	10/21/10 21:55 CST		0	Source: ASOS
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JACKSON COUNTY --- (LTS)ALTUS AFB [34.66, -99.29]				
	10/21/10 22:00 CST		0	Thunderstorm Wind (MG 56 kt)
	10/21/10 22:00 CST		0	Source: ASOS
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An upper level storm system barreled its way from southern Arizona, into the southern Rocky Mountains, and northeast into western Kansas. Showers and thunderstorms moved across the Texas panhandles during the morning and early afternoon hours, before finally moving into western Oklahoma. Instability had increased through the afternoon with warming temperatures and slowly rising surface moisture. The showers and thunderstorms increased toward the east into western Oklahoma by early to mid evening. Some of the thunderstorms over southwest Oklahoma became severe with strong winds and large hail. The town of Blair took the worst of the storm, with winds estimated over 70 mph causing significant damage.				
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CADDO COUNTY --- 4.0 S ANADARKO [35.02, -98.24]				
	10/22/10 20:12 CST		0	Hail (0.75 in)
	10/22/10 20:13 CST		0	Source: Amateur Radio
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Hail up to dime-size fell south of Anadarko during mid evening. No damage was reported and the hail only lasted a short time.				
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TEXAS, Western North				
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HARDEMAN COUNTY --- COPPER BREAKS ST PK [34.11, -99.74]				
	10/10/10 18:50 CST		0	Hail (1.75 in)
	10/10/10 18:51 CST		0	Source: Emergency Manager
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FOARD COUNTY --- MARGARET [34.05, -99.65]				

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	10/10/10 19:30 CST		0	Hail (1.25 in)
	10/10/10 19:35 CST		0	Source: Emergency Manager

Hail up to half-dollar size accumulated several inches deep in and around the Margaret area. FM 98 south of town had to be closed until a snow plow could come and remove it. Over two inches of rain also fell with the hail, along with 35 to 45 mph winds.

Thunderstorms developed along a cold front that was moving south through northern Texas. Although most of the severe thunderstorms remained north of Red River, a storm that moved over Copper Breaks State Park and Margaret became severe with hail up to golf ball-size. The hail fell in such large quantities near Margaret, that FM 98 south of town had to be closed until a snow plow could move it.