

Storm Data and Unusual Weather Phenomena - October 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
CANADIAN COUNTY --- EL RENO [35.53, -97.97]				
	10/21/07 19:40 CST	0		Hail (0.75 in)
	10/21/07 19:40 CST	0		Source: Public
CANADIAN COUNTY --- 2.0 E PIEDMONT [35.65, -97.71]				
	10/21/07 19:55 CST	0		Hail (0.75 in)
	10/21/07 19:55 CST	0		Source: Public
The hail was reported off of NW 178th street.				
LOGAN COUNTY --- 8.0 SW GUTHRIE [35.80, -97.53]				
	10/21/07 20:05 CST	0		Hail (0.88 in)
	10/21/07 20:05 CST	0		Source: Emergency Manager
The hail covered the ground.				
CADDO COUNTY --- 7.0 SSW FT COBB [35.01, -98.48]				
	10/21/07 20:15 CST	0		Hail (1.25 in)
	10/21/07 20:15 CST	0		Source: Amateur Radio
Most of the hail was quarter size with occasional half dollar size. The hail also covered the ground.				
LOGAN COUNTY --- 3.0 SE GUTHRIE [35.85, -97.39]				
	10/21/07 20:15 CST	0		Hail (0.88 in)
	10/21/07 20:15 CST	0		Source: Amateur Radio
The hail covered the ground.				
LOGAN COUNTY --- 2.0 N LANGSTON [35.98, -97.25]				
	10/21/07 20:25 CST	0		Hail (0.88 in)
	10/21/07 20:25 CST	0		Source: Public
LOGAN COUNTY --- 10.0 WSW SEWARD [35.74, -97.64]				
	10/21/07 20:30 CST	0		Hail (0.75 in)
	10/21/07 20:30 CST	0		Source: Public
The hail was reported near County Line Road in Logan county.				
LOGAN COUNTY --- 5.0 S GUTHRIE [35.81, -97.43]				
	10/21/07 21:17 CST	0		Hail (0.88 in)
	10/21/07 21:19 CST	0		Source: COOP Observer
LOGAN COUNTY --- 3.0 SE GUTHRIE [35.85, -97.39]				
	10/21/07 21:22 CST	0		Hail (1.00 in)
	10/21/07 21:22 CST	0		Source: Amateur Radio
The hail covered the ground.				
PAYNE COUNTY --- STILLWATER [36.12, -97.07]				
	10/21/07 21:25 CST	0		Hail (0.88 in)
	10/21/07 21:25 CST	0		Source: Trained Spotter
The hail was reported on the campus of Oklahoma State University.				

A strong upper level storm system was developing and moving through the southern Rocky Mountains. A moderately strong cold front moved through much of Oklahoma during the day on the 21st. Strong upward motion ahead of the storm system and behind the cold front allowed for strong to severe thunderstorms to develop. Large hail was the main hazard given the very cold temperatures just off the surface. Hail as large as half dollars was reported, although most was penny to quarter size. No damage was reported with the hail.

Storm Data and Unusual Weather Phenomena - October 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
COMANCHE COUNTY --- 3.0 W MEDICINE PARK [34.73, -98.55]				
	10/02/07 19:50 CST		2K	Thunderstorm Wind (MG 65 kt)
	10/02/07 19:50 CST		0	Source: Mesonet
A large pear tree was blown down by the high winds. Monetary damages were estimated.				
A cold front moved into northwest Oklahoma during the pre-dawn hours of the 2nd. Thunderstorms developed along the front during the late morning, with more widespread coverage by afternoon. One thunderstorm became severe over Comanche county with severe winds over 70 mph. No damage was reported with the gust.				
DEWEY COUNTY --- 8.0 S TALOGA [35.91, -98.97]				
	10/14/07 16:30 CST		0	Hail (0.88 in)
	10/14/07 16:30 CST		0	Source: Public
DEWEY COUNTY --- 2.0 S PUTNAM [35.82, -98.97]				
	10/14/07 16:58 CST		0	Hail (0.75 in)
	10/14/07 16:58 CST		0	Source: Public
ALFALFA COUNTY --- GOLTRY [36.53, -98.15]				
	10/14/07 17:44 CST		0	Hail (1.00 in)
	10/14/07 17:44 CST		0	Source: Emergency Manager
ALFALFA COUNTY --- GOLTRY [36.53, -98.15]				
	10/14/07 17:44 CST		0	Thunderstorm Wind (EG 56 kt)
	10/14/07 17:44 CST		0	Source: Emergency Manager
JACKSON COUNTY --- (LTS)ALTUS AFB [34.65, -99.27]				
	10/14/07 17:44 CST		0	Hail (0.75 in)
	10/14/07 17:44 CST		0	Source: Amateur Radio
JACKSON COUNTY --- (LTS)ALTUS AFB [34.65, -99.27]				
	10/14/07 17:48 CST		0	Thunderstorm Wind (EG 55 kt)
	10/14/07 17:48 CST		0	Source: AWOS
JACKSON COUNTY --- FRIENDSHIP [34.70, -99.23]				
	10/14/07 17:51 CST		0	Hail (0.75 in)
	10/14/07 17:51 CST		0	Source: Amateur Radio
GRANT COUNTY --- 4.0 W POND CREEK [36.67, -97.87]				
	10/14/07 18:02 CST		0	Hail (0.75 in)
	10/14/07 18:02 CST		0	Source: Public
KIOWA COUNTY --- 8.0 S GOTEBO [34.95, -98.88]				
	10/14/07 18:11 CST		0	Hail (1.75 in)
	10/14/07 18:11 CST		0	Source: Amateur Radio
KIOWA COUNTY --- MOUNTAIN VIEW [35.10, -98.75]				
	10/14/07 18:17 CST		0	Hail (1.75 in)
	10/14/07 18:17 CST		0	Source: Amateur Radio
KIOWA COUNTY --- 1.0 S SNYDER [34.64, -98.95]				
	10/14/07 18:31 CST		0	Hail (0.75 in)
	10/14/07 18:31 CST		0	Source: Amateur Radio
KIOWA COUNTY --- MOUNTAIN PARK [34.70, -98.95]				
	10/14/07 18:32 CST		0	Hail (0.75 in)
	10/14/07 18:32 CST		0	Source: Amateur Radio

Storm Data and Unusual Weather Phenomena - October 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TILLMAN COUNTY --- 6.0 WSW FREDERICK [34.35, -99.12]				
	10/14/07 18:35 CST		0	Hail (0.75 in)
	10/14/07 18:35 CST		0	Source: Amateur Radio
CADDO COUNTY --- CARNEGIE [35.10, -98.60]				
	10/14/07 18:42 CST		0	Hail (0.88 in)
	10/14/07 18:42 CST		0	Source: Amateur Radio
The hail was reported on the east side of town.				
CADDO COUNTY --- FT COBB [35.10, -98.43]				
	10/14/07 18:56 CST		0	Hail (1.00 in)
	10/14/07 18:56 CST		0	Source: Amateur Radio
CANADIAN COUNTY --- 2.0 E NILES [35.43, -98.21]				
	10/14/07 19:05 CST		0	Hail (0.88 in)
	10/14/07 19:05 CST		0	Source: Public
CADDO COUNTY --- 2.0 W BOONE [34.90, -98.51]				
	10/14/07 19:07 CST		0	Hail (0.88 in)
	10/14/07 19:07 CST		0	Source: Broadcast Media
COMANCHE COUNTY --- 8.0 E INDIAHOMA [34.62, -98.61]				
	10/14/07 19:40 CST		0	Hail (0.88 in)
	10/14/07 19:40 CST		0	Source: Amateur Radio
TILLMAN COUNTY --- 11.0 E DAVIDSON [34.23, -98.89]				
	10/14/07 19:42 CST		0	Hail (1.00 in)
	10/14/07 19:42 CST		0	Source: Amateur Radio
TILLMAN COUNTY --- 5.0 WSW GRANDFIELD [34.20, -98.76]				
	10/14/07 19:55 CST		0	Hail (0.75 in)
	10/14/07 19:55 CST		0	Source: Amateur Radio
OKLAHOMA COUNTY --- BETHANY [35.52, -97.63]				
	10/14/07 19:57 CST		10K	Thunderstorm Wind (EG 56 kt)
	10/14/07 19:57 CST		0	Source: Amateur Radio
Windows were blown out by the high winds. A few power lines were also downed. Monetary damages were estimated.				
OKLAHOMA COUNTY --- OKLAHOMA CITY [35.48, -97.53]				
	10/14/07 19:58 CST		5K	Thunderstorm Wind (EG 56 kt)
	10/14/07 19:58 CST		0	Source: Amateur Radio
Roof damage was reported at the 2300 block of NW 122nd. Monetary damages were estimated.				
TILLMAN COUNTY --- 6.0 WSW GRANDFIELD [34.20, -98.78]				
	10/14/07 20:04 CST		0	Hail (0.75 in)
	10/14/07 20:04 CST		0	Source: Amateur Radio
CANADIAN COUNTY --- MUSTANG [35.38, -97.72]				
	10/14/07 20:10 CST		0	Hail (0.75 in)
	10/14/07 20:10 CST		0	Source: Public
OKLAHOMA COUNTY --- OKLAHOMA CITY [35.48, -97.53]				
	10/14/07 20:12 CST		0	Thunderstorm Wind (EG 52 kt)
	10/14/07 20:12 CST		0	Source: Amateur Radio

Storm Data and Unusual Weather Phenomena - October 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The wind gusts was estimated at NW 192nd and Western Avenue.				
OKLAHOMA COUNTY --- OKLAHOMA CITY [35.48, -97.53]				
	10/14/07 20:15 CST	0		Hail (0.75 in)
	10/14/07 20:15 CST	0		Source: Amateur Radio
The hail was reported at NW 10th and May Avenue.				
TILLMAN COUNTY --- GRANDFIELD [34.23, -98.68]				
	10/14/07 20:40 CST	0		Hail (0.88 in)
	10/14/07 20:40 CST	0		Source: Amateur Radio
STEPHENS COUNTY --- 7.0 SW MARLOW [34.58, -98.04]				
	10/14/07 21:01 CST	0		Hail (1.00 in)
	10/14/07 21:01 CST	0		Source: Broadcast Media
STEPHENS COUNTY --- 3.0 W MARLOW [34.65, -98.00]				
	10/14/07 21:12 CST	0		Hail (1.00 in)
	10/14/07 21:12 CST	0		Source: Amateur Radio
<p>A moderately strong jet stream rounded the base of an upper level trough located over central Rocky Mountains and moved east toward the southern plains. Surface low pressure developed over southwest Kansas with a cold front trailing southwest into the western Texas panhandle, and a dry line over the eastern Texas panhandle. Several thunderstorms were ongoing during the early morning hours as the low-level jet moved north through western Oklahoma and Kansas. These thunderstorms were not severe with only brief heavy rain and gusty south winds. During the afternoon, widespread thunderstorms developed over much of the western half of Oklahoma. Several became severe with hail up to golf ball size and winds over 60 mph. Some wind damage was reported in the Oklahoma City metro area.</p>				
HARPER COUNTY --- LAVERNE [36.72, -99.90]				
	10/17/07 02:30 CST	0		Thunderstorm Wind (MG 55 kt)
	10/17/07 02:30 CST	0		Source: COOP Observer
CUSTER COUNTY --- WEATHERFORD [35.53, -98.72]				
	10/17/07 07:04 CST	0		Thunderstorm Wind (MG 63 kt)
	10/17/07 07:04 CST	0		Source: Public
The wind gust was relayed via broadcast media.				
CUSTER COUNTY --- 2.0 N WEATHERFORD [35.56, -98.72]				
	10/17/07 07:07 CST	0		Thunderstorm Wind (MG 52 kt)
	10/17/07 07:07 CST	0		Source: Broadcast Media
The wind gusts was reported by KWVY radio.				
BLAINE COUNTY --- 16.0 WSW GEARY [35.79, -98.58]				
	10/17/07 07:20 CST	0		Hail (0.75 in)
	10/17/07 07:20 CST	0		Source: Public
KINGFISHER COUNTY --- 2.0 NE KINGFISHER [35.87, -97.90]				
	10/17/07 08:15 CST	0		Thunderstorm Wind (MG 75 kt)
	10/17/07 08:15 CST	0		Source: Mesonet
KINGFISHER COUNTY --- DOVER [35.98, -97.92]				
	10/17/07 08:20 CST	0		Thunderstorm Wind (EG 56 kt)
	10/17/07 08:20 CST	0		Source: Public
The wind gusts was estimated at the City Hall.				
OKLAHOMA COUNTY --- OKLAHOMA CITY [35.48, -97.53]				

Storm Data and Unusual Weather Phenomena - October 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/17/07 11:34 CST		0	Hail (1.00 in)
	10/17/07 11:34 CST		0	Source: Public
The hail was reported at 119th and S. Penn Avenue.				
<hr/>				
OKLAHOMA COUNTY --- OKLAHOMA CITY [35.48, -97.53]				
	10/17/07 11:50 CST		0	Hail (0.75 in)
	10/17/07 11:50 CST		0	Source: Emergency Manager
The hail was reported at I-40 and Penn Avenue.				
<hr/>				
MAJOR COUNTY --- CHESTER [36.22, -98.92]				
	10/17/07 13:47 CST		0	Hail (0.88 in)
	10/17/07 13:47 CST		0	Source: Post Office
<hr/>				
BLAINE COUNTY --- 4.0 E CANTON [36.07, -98.51]				
	10/17/07 14:40 CST		0	Hail (1.25 in)
	10/17/07 14:40 CST		0	Source: Trained Spotter
The hail was reported along HWY 51.				
<hr/>				
CANADIAN COUNTY --- 3.0 E YUKON [35.50, -97.70]				
	10/17/07 14:50 CST		0	Hail (0.88 in)
	10/17/07 14:50 CST		0	Source: Amateur Radio
The hail was reported near Morgan road and 10th Street.				
<hr/>				
OKLAHOMA COUNTY --- BETHANY [35.52, -97.63]				
	10/17/07 14:59 CST		0	Hail (0.88 in)
	10/17/07 14:59 CST		0	Source: NWS Employee
The hail was reported at Council Road and 36th Street.				
<hr/>				
OKLAHOMA COUNTY --- 0.5 W (PWA)WILEY POST APT [35.53, -97.66]				
	10/17/07 15:01 CST		0	Hail (1.00 in)
	10/17/07 15:01 CST		0	Source: Amateur Radio
<hr/>				
OKLAHOMA COUNTY --- OKLAHOMA CITY [35.48, -97.53]				
	10/17/07 15:14 CST		0	Hail (0.75 in)
	10/17/07 15:14 CST		0	Source: Emergency Manager
The hail was reported at May Avenue and Britton road.				
<hr/>				
GARFIELD COUNTY --- (END)VANCE AFB ENID [36.33, -97.90]				
	10/17/07 15:15 CST		0	Hail (0.75 in)
	10/17/07 15:15 CST		0	Source: Other Federal
<hr/>				
OKLAHOMA COUNTY --- EDMOND [35.65, -97.48]				
	10/17/07 15:35 CST		0	Hail (1.00 in)
	10/17/07 15:35 CST		0	Source: Amateur Radio
The hail was reported at I-35 and Waterloo Road.				
<hr/>				
LOGAN COUNTY --- 1.0 S ORLANDO [36.14, -97.38]				
	10/17/07 15:49 CST		15K	Thunderstorm Wind (EG 61 kt)
	10/17/07 15:49 CST		0	Source: Trained Spotter
The damage was reported along HWY 77. Several limbs were blown off trees. Other small debris was blown across the highway. A vehicle was dented due to the flying debris. Monetary damages were estimate.				
<hr/>				
PAYNE COUNTY --- 2.0 W PERKINS [35.97, -97.07]				

Storm Data and Unusual Weather Phenomena - October 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/17/07 16:10 CST		0	Hail (1.00 in)
	10/17/07 16:10 CST		0	Source: Emergency Manager
<hr/>				
PAYNE COUNTY --- PERKINS [35.97, -97.03]				
	10/17/07 16:11 CST		0	Hail (0.75 in)
	10/17/07 16:11 CST		0	Source: Emergency Manager

An upper level storm system approached from the southwestern US, with a surface low pressure developing and becoming very organized over eastern Colorado and western Kansas. Moisture returned in a hurry from the Gulf of Mexico over much of Oklahoma during the early morning hours of the 17th. A moderately strong low level jet developed over the western half of the state, with strong to occasionally severe thunderstorms developing. These storms produced main strong winds in excess of 65 mph and heavy rainfall as they moved east into parts of central and northern Oklahoma. Later in the day a dry line that had developed over the eastern Texas panhandle. This boundary surged east through the afternoon into much of central and eastern Oklahoma. Another round of strong to severe thunderstorms developed ahead of the boundary with large hail, strong winds, and heavy rainfall the main threats. Although most locations did not receive any damage from the strong winds, Logan county did received some minor damage to tree limbs. Monetary damages were estimated.