

Storm Data and Unusual Weather Phenomena - March 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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ARKANSAS, Northwest

(AR-Z001) BENTON, (AR-Z002) CARROLL, (AR-Z010) WASHINGTON, (AR-Z011) MADISON, (AR-Z019) CRAWFORD, (AR-Z020) FRANKLIN, (AR-Z029) SEBASTIAN

03/02/14 03:00 CST	0	Winter Storm
03/03/14 04:00 CST	0	

Arctic air surged south into northwestern Arkansas late on March 1st ahead of a strong upper level disturbance that moved from the Southern Rockies into the Southern Plains. Precipitation developed over the region as this system approached during the late evening of the 1st. Periods of light freezing rain and sleet occurred across much of the area through the morning of the 2nd. Thunderstorms developed over the shallow cold air near the ground and resulted in heavy sleet across a lot of the region through late afternoon. Snow developed into the area during the evening of the 2nd as the strong upper level disturbance finally translated across the area. The precipitation ended during the early morning hours of the 3rd. Several inches of snow and sleet covered much of the region and resulted in travel difficulties.

(AR-Z002) CARROLL, (AR-Z011) MADISON

03/16/14 11:00 CST	0	Winter Storm
03/16/14 18:00 CST	0	

A strong upper level disturbance moved across the Southern Plains on March 16th resulting in a large area of precipitation across the region. Rain changed to snow across northwestern Arkansas during the mid to late morning hours. The snow continued into the evening and was heavy at times, resulting in some light accumulation. Portions of Madison and Carroll Counties received four to five inches of snow from this event.

WASHINGTON COUNTY --- 2.0 NE FAYETTEVILLE [36.09, -94.14]

03/27/14 20:50 CST	0	Hail (1.00 in)
03/27/14 20:50 CST	0	Source: Broadcast Media

SEBASTIAN COUNTY --- 4.0 SW GREENWOOD [35.18, -94.32]

03/27/14 22:31 CST	0	Hail (0.75 in)
03/27/14 22:31 CST	0	Source: Trained Spotter

SEBASTIAN COUNTY --- MIDLAND [35.10, -94.37]

03/27/14 23:00 CST	0	Hail (0.75 in)
03/27/14 23:00 CST	0	Source: COOP Observer

A line of strong to severe thunderstorms developed along a cold front as it moved into eastern Oklahoma and northwestern Arkansas during the evening hours of March 27th. The stronger of these storms produced hail up to quarter size into the early morning hours.

OKLAHOMA, Eastern

(OK-Z049) PUSHMATAHA, (OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z056) NOWATA, (OK-Z057) CRAIG, (OK-Z058) OTTAWA, (OK-Z059) PAWNEE, (OK-Z060) TULSA, (OK-Z061) ROGERS, (OK-Z062) MAYES, (OK-Z063) DELAWARE, (OK-Z064) CREEK, (OK-Z065) OKFUSKEE, (OK-Z066) OKMULGEE, (OK-Z067) WAGONER, (OK-Z068) CHEROKEE, (OK-Z069) ADAIR, (OK-Z070) MUSKOGEE, (OK-Z071) MCINTOSH, (OK-Z072) SEQUOYAH, (OK-Z073) PITTSBURG, (OK-Z074) HASKELL, (OK-Z075) LATIMER, (OK-Z076) LE FLORE

03/02/14 00:00 CST	0	Winter Storm
03/03/14 04:00 CST	0	

(OK-Z053) CHOCTAW

03/02/14 11:00 CST	0	Ice Storm
03/02/14 23:00 CST	0	

Arctic air surged south into eastern Oklahoma late on March 1st ahead of a strong upper level disturbance that moved from the Southern Rockies into the Southern Plains. Precipitation developed over the region as this system approached during the late evening of the 1st. Periods of light freezing rain and sleet occurred across much of the area through the morning of the 2nd. Thunderstorms developed over the shallow cold air near the ground and resulted in heavy sleet across a lot of the region through late afternoon. Snow developed into the area during the evening of the 2nd as the strong upper level disturbance finally translated across the area. The precipitation ended during the early morning hours of the 3rd. Several inches of snow and sleet covered much of the region and

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resulted in travel difficulties.				
(OK-Z067) WAGONER				
	03/11/14 18:15 CST		0	High Wind (MAX 50 kt)
	03/11/14 18:25 CST		0	
<p>A strong cold front moved through the region during the evening of March 11th. A strong pressure gradient behind the front resulted in strong wind gusts of 30 to 40 mph across much of eastern Oklahoma with some gusts exceeding 50 mph. The Oklahoma Mesonet station near Porter in Wagoner County measured 58 mph wind gusts during this event.</p>				
LE FLORE COUNTY --- 1.1 E SHADY PT [35.13, -94.65], 0.9 NE COAL CREEK [35.19, -94.66], 2.0 SSE SPIRO [35.20, -94.62], 2.5 E SHADY PT [35.13, -94.63]				
	03/16/14 11:45 CST		0	Flood (due to Heavy Rain)
	03/18/14 06:30 CST		0	Source: Official NWS Observations
<p>The Poteau River near Panama rose above its flood stage of 29 feet at 12:45 pm CDT on March 16th. The river crested at 33.21 feet at 11:30 am CDT on the 17th, resulting in moderate flooding. The river fell below flood stage at 7:30 am CDT on the 18th.</p>				
<p>A cold front and compact upper level disturbance brought widespread rain and thunderstorms to southeastern Oklahoma on March 15th and 16th. Some areas received between two and four inches of rain. This heavy rainfall resulted in moderate flooding of the Poteau River near Panama.</p>				
HASKELL COUNTY --- TAMAHA [35.40, -94.98]				
	03/27/14 21:15 CST		0	Hail (0.75 in)
	03/27/14 21:15 CST		0	Source: Public
HASKELL COUNTY --- ENTERPRISE [35.22, -95.38]				
	03/27/14 21:27 CST		0	Hail (0.75 in)
	03/27/14 21:27 CST		0	Source: Fire Department/Rescue
LE FLORE COUNTY --- 4.0 WNW BRADEN [35.30, -94.57]				
	03/27/14 22:05 CST		0	Hail (0.75 in)
	03/27/14 22:05 CST		0	Source: Public
MCINTOSH COUNTY --- 4.0 NE EUFAULA [35.32, -95.53]				
	03/28/14 12:48 CST		0	Hail (1.00 in)
	03/28/14 12:48 CST		0	Source: Public
SEQUOYAH COUNTY --- VIAN [35.50, -94.97]				
	03/28/14 13:42 CST		0	Hail (0.75 in)
	03/28/14 13:42 CST		0	Source: Law Enforcement
CHEROKEE COUNTY --- 1.0 NW TAHLEQUAH [35.93, -94.98]				
	03/28/14 14:30 CST		4K	Thunderstorm Wind (EG 50 kt)
	03/28/14 14:30 CST		0	Source: Public
<p>Strong thunderstorm wind blew shingles off of a home and blew down a privacy fence.</p>				
ADAIR COUNTY --- 3.0 NNW ADDIELEE [36.01, -94.64]				
	03/28/14 14:55 CST		0	Thunderstorm Wind (MG 63 kt)
	03/28/14 14:55 CST		0	Source: Mesonet
<p>The Oklahoma Mesonet station near Westville measured 72 mph thunderstorm wind gusts.</p>				
MCINTOSH COUNTY --- HITCHITA [35.53, -95.75]				
	03/28/14 15:38 CST		0	Hail (1.25 in)
	03/28/14 15:38 CST		0	Source: Public
MUSKOGEE COUNTY --- OKTAHA [35.58, -95.48]				

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	03/28/14 16:00 CST		0	Hail (1.25 in)
	03/28/14 16:00 CST		0	Source: Storm Chaser

MUSKOGEE COUNTY --- 2.0 NE OKTAHA [35.60, -95.45]

03/28/14 17:42 CST	0	Hail (0.88 in)
03/28/14 17:42 CST	0	Source: Public

A line of strong to severe thunderstorms developed along a cold front as it moved into eastern Oklahoma during the evening hours of March 27th. The strongest of these storms produced hail up to quarter size into the early morning hours.

The cold front pushed into northern Texas during the morning hours of the 28th. Low pressure developed along the boundary as an upper level disturbance moved into the Southern Plains. Moist and unstable air was forced over the front ahead of this system, resulting in another round of strong to severe thunderstorms across eastern Oklahoma during the afternoon and early evening hours. The strongest storms produced hail up to half dollar size and wind gusts up to about 70 mph.