

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Northwest				
BENTON COUNTY --- BENTONVILLE MUNI ARP [36.35, -94.22]				
	09/05/23 22:51 CST		0	Thunderstorm Wind (MG 51 kt)
	09/05/23 22:51 CST		0	Source: AWOS
The AWOS at the Bentonville Municipal Airport measured thunderstorm wind gusts up to 59 mph.				
BENTON COUNTY --- 0.3 ESE BENTONVILLE [36.37, -94.21]				
	09/05/23 22:53 CST		10K	Thunderstorm Wind (EG 65 kt)
	09/05/23 22:53 CST		0	Source: Broadcast Media
Strong thunderstorm wind blew down trees, and damaged a gazebo.				
BENTON COUNTY --- 2.5 S GLADE [36.33, -93.92]				
	09/05/23 23:10 CST		0	Thunderstorm Wind (EG 61 kt)
	09/05/23 23:10 CST		0	Source: Broadcast Media
Strong thunderstorm wind blew down a tree.				
CARROLL COUNTY --- 2.2 NE BEAVER [36.49, -93.74]				
	09/05/23 23:30 CST		0	Thunderstorm Wind (EG 65 kt)
	09/05/23 23:30 CST		0	Source: Public
Strong thunderstorm wind blew down a tree in Holiday Island.				
CARROLL COUNTY --- BERRYVILLE [36.37, -93.57]				
	09/05/23 23:43 CST		2K	Thunderstorm Wind (EG 65 kt)
	09/05/23 23:43 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down several trees, and blew down power lines.				
Scattered thunderstorms developed into far northwestern Arkansas during the late evening of the 5th, as a cold front moved through the area. The strongest thunderstorms produced damaging wind gusts.				
WASHINGTON COUNTY --- LINCOLN [35.95, -94.42]				
	09/08/23 03:35 CST		0	Hail (0.88 in)
	09/08/23 03:35 CST		0	Source: Public
CRAWFORD COUNTY --- ALMA [35.48, -94.23]				
	09/08/23 04:52 CST		2K	Thunderstorm Wind (EG 56 kt)
	09/08/23 04:52 CST		0	Source: Broadcast Media
Strong thunderstorm wind blew down power lines.				
Strong to severe thunderstorms developed across much of northwestern Arkansas during the early morning hours of the 8th, as lift north of a warm front increased as an upper level disturbance translated into the area. The strongest thunderstorms produced hail up to nickel size and damaging wind gusts.				
WASHINGTON COUNTY --- 3.0 NE FAYETTEVILLE [36.10, -94.13]				
	09/24/23 02:03 CST		0	Thunderstorm Wind (EG 61 kt)
	09/24/23 02:03 CST		0	Source: Public
Strong thunderstorm wind blew down a large tree.				
Scattered to numerous thunderstorms developed across eastern Oklahoma during the afternoon and evening hours of the 23rd, ahead of an approaching cold front. The storms moved east and southeast into northwestern Arkansas during the late evening and early morning hours, much of which showed a weakening trend. One thunderstorm did briefly become severe, producing damaging wind in Washington County.				

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Eastern				
(OK-Z049) PUSHMATAHA, (OK-Z053) CHOCTAW, (OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z056) NOWATA, (OK-Z057) CRAIG, (OK-Z059) PAWNEE, (OK-Z073) PITTSBURG				
	09/01/23 00:00 CST		0	Drought
	09/30/23 23:59 CST		0	
<p>Locally heavy rainfall fell across portions of eastern Oklahoma during September, but some of the region received very little rainfall in the month. Generally, much of the region received between three and six inches of rain, with some areas receiving from eight to more than ten inches. Areas of southeastern Oklahoma received as little as one and a half inches of rain, and areas of northeastern Oklahoma received as little as one inch of rain. As a result of the rainfall pattern this month, some areas of eastern Oklahoma received over 200 percent of normal average rainfall, while areas of southeastern and northeastern Oklahoma received less than 25 percent of normal average rainfall. As a result, the long-term drought conditions continued across portions of northeastern Oklahoma, namely areas to the north of I-44. Extreme (D3) drought conditions continued across portions of Osage and Washington Counties, while severe (D2) drought conditions continued across portions of Pawnee, Craig and Nowata Counties. Extreme (D3) drought conditions developed across portions of Pushmataha and Choctaw Counties during the month, and severe (D2) drought conditions developed into southern Pittsburg County. Monetary damage estimates as a result of the drought were not available.</p>				
NOWATA COUNTY --- 0.4 W LENAPAH [36.85, -95.64]				
	09/05/23 18:07 CST		0	Hail (0.75 in)
	09/05/23 18:07 CST		0	Source: Public
CREEK COUNTY --- 5.0 SSW NEW MANNFORD [36.06, -96.37]				
	09/05/23 18:09 CST		0	Hail (1.00 in)
	09/05/23 18:09 CST		0	Source: Public
CREEK COUNTY --- 4.9 S NEW MANNFORD [36.06, -96.34]				
	09/05/23 18:12 CST		20K	Hail (1.25 in)
	09/05/23 18:12 CST		0	Source: Storm Chaser
Half dollar size hail damaged homes and vehicles.				
TULSA COUNTY --- 2.6 W WEKIWA [36.15, -96.23]				
	09/05/23 18:25 CST		0	Hail (0.75 in)
	09/05/23 18:25 CST		0	Source: Amateur Radio
MAYES COUNTY --- 1.0 W PENSACOLA [36.45, -95.15]				
	09/05/23 20:00 CST		2K	Thunderstorm Wind (EG 61 kt)
	09/05/23 20:00 CST		0	Source: Emergency Manager
Strong thunderstorm wind snapped large tree limbs, and blew down power lines.				
MAYES COUNTY --- 0.3 SSE LANGLEY [36.47, -95.05]				
	09/05/23 20:10 CST		15K	Thunderstorm Wind (EG 61 kt)
	09/05/23 20:10 CST		0	Source: Emergency Manager
Strong thunderstorm wind damaged a restaurant, snapped large tree limbs, and blew down power lines.				
DELAWARE COUNTY --- GROVE [36.58, -94.77]				
	09/05/23 20:15 CST		50K	Thunderstorm Wind (EG 61 kt)
	09/05/23 20:15 CST		0	Source: Amateur Radio
Strong thunderstorm wind caused extensive damage to a storage building, and damaged a boat dock.				
DELAWARE COUNTY --- 2.2 SW GROVE [36.56, -94.80]				
	09/05/23 20:27 CST		0.10M	Thunderstorm Wind (EG 61 kt)
	09/05/23 20:27 CST		0	Source: Public
Strong thunderstorm wind damaged boats, and the boat dock, at the Grand Lake Sailing Club.				
DELAWARE COUNTY --- 0.5 WNW GROVE ARPT [36.60, -94.74]				

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/05/23 21:55 CST		0	Thunderstorm Wind (MG 52 kt)
	09/05/23 21:55 CST		0	Source: AWOS
The AWOS at the Grove Municipal Airport measured 60 mph thunderstorm wind gusts.				
Scattered thunderstorms developed across northeastern Oklahoma during the evening of the 5th, as a cold front moved through the area. The strongest thunderstorms produced large hail up to half dollar size, and damaging wind gusts.				
<hr/>				
OKFUSKEE COUNTY --- 3.0 NE MASON [35.60, -96.33]				
	09/23/23 13:36 CST		20K	Hail (1.75 in)
	09/23/23 13:36 CST		0	Source: Emergency Manager
Golf ball size hail damage homes and vehicles.				
<hr/>				
OKMULGEE COUNTY --- 0.7 N BLACKSTONE MINE [35.44, -96.00]				
	09/23/23 14:47 CST		40K	Hail (1.75 in)
	09/23/23 14:47 CST		0	Source: Trained Spotter
Golf ball size hail damaged homes, businesses, and vehicles on the west side of Henryetta.				
<hr/>				
OKMULGEE COUNTY --- 0.7 N BLACKSTONE MINE [35.44, -96.00]				
	09/23/23 14:48 CST		0	Thunderstorm Wind (MG 61 kt)
	09/23/23 14:48 CST		0	Source: Trained Spotter
Thunderstorm wind gusts were measured to 70 mph.				
<hr/>				
OKMULGEE COUNTY --- 0.4 N BLACKSTONE MINE [35.44, -96.00]				
	09/23/23 14:50 CST		75K	Hail (3.00 in)
	09/23/23 14:50 CST		0	Source: Social Media
Hail larger than baseball size damaged homes, businesses, and vehicles.				
<hr/>				
OKMULGEE COUNTY --- 5.0 SE HENRYETTA [35.40, -95.92]				
	09/23/23 15:08 CST		20K	Hail (1.75 in)
	09/23/23 15:08 CST		0	Source: Emergency Manager
Golf ball size hail damaged homes and vehicles.				
<hr/>				
MCINTOSH COUNTY --- 1.7 W RAIFORD [35.27, -95.81]				
	09/23/23 15:45 CST		30K	Hail (3.85 in)
	09/23/23 15:45 CST		0	Source: Trained Spotter
A spotter measured hail to 3.85 inches wide. The very large hail damaged homes and vehicles.				
<hr/>				
MCINTOSH COUNTY --- 0.7 N VIVIAN [35.29, -95.72]				
	09/23/23 15:47 CST		50K	Hail (2.75 in)
	09/23/23 15:47 CST		0	Source: Emergency Manager
Baseball size hail damaged homes and vehicles in the Mill Creek area.				
<hr/>				
PITTSBURG COUNTY --- 0.5 NW CANADIAN [35.18, -95.66]				
	09/23/23 17:28 CST		20K	Hail (1.50 in)
	09/23/23 17:28 CST		0	Source: Public
Ping pong ball size hail damaged homes and vehicles in Canadian.				
<hr/>				
TULSA COUNTY --- 3.0 NE GLENPOOL [35.98, -95.96]				
	09/23/23 18:01 CST		0	Hail (0.75 in)
	09/23/23 18:01 CST		0	Source: Public
<hr/>				
OKFUSKEE COUNTY --- BEARDEN [35.35, -96.38]				

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/23/23 18:03 CST		50K	Thunderstorm Wind (EG 65 kt)
	09/23/23 18:03 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down trees, several of which fell onto homes.				
<hr/>				
TULSA COUNTY --- 2.0 SW JENKS [36.00, -96.00]				
	09/23/23 18:03 CST		0	Hail (0.75 in)
	09/23/23 18:03 CST		0	Source: Public
<hr/>				
OKMULGEE COUNTY --- 2.0 S BEGGS [35.70, -96.07]				
	09/23/23 18:08 CST		35K	Hail (2.25 in)
	09/23/23 18:08 CST		0	Source: Public
Hail was measured to 2.25 inches south of Beggs. The large hail damaged homes and vehicles.				
<hr/>				
OKFUSKEE COUNTY --- OKEMAH [35.43, -96.30]				
	09/23/23 18:15 CST		0	Hail (0.88 in)
	09/23/23 18:15 CST		0	Source: Emergency Manager
<hr/>				
OKMULGEE COUNTY --- 1.3 NW BEGGS [35.74, -96.09]				
	09/23/23 18:15 CST		30K	Hail (1.75 in)
	09/23/23 18:15 CST		0	Source: Trained Spotter
Golf ball size hail damaged homes, businesses, and vehicles on the west side of Beggs.				
<hr/>				
TULSA COUNTY --- 1.0 W SAND SPGS [36.15, -96.14]				
	09/23/23 18:15 CST		0	Hail (0.75 in)
	09/23/23 18:15 CST		0	Source: Public
<hr/>				
OKMULGEE COUNTY --- 1.6 WNW PRESTON [35.73, -96.01]				
	09/23/23 18:29 CST		30K	Hail (2.00 in)
	09/23/23 18:29 CST		0	Source: Trained Spotter
Hail larger than golf ball size damaged homes and vehicles near Preston.				
<hr/>				
TULSA COUNTY --- 0.6 NW GLENPOOL [35.95, -96.01]				
	09/23/23 18:42 CST		0	Hail (0.88 in)
	09/23/23 18:42 CST		0	Source: Trained Spotter
<hr/>				
OKMULGEE COUNTY --- 2.0 NE OKMULGEE [35.65, -95.94]				
	09/23/23 18:50 CST		0	Thunderstorm Wind (EG 56 kt)
	09/23/23 18:50 CST		0	Source: Public
Strong thunderstorm wind snapped numerous large tree limbs.				
<hr/>				
OKFUSKEE COUNTY --- WELEETKA [35.33, -96.13]				
	09/23/23 18:52 CST		0	Thunderstorm Wind (EG 61 kt)
	09/23/23 18:52 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down several trees.				
<hr/>				
OKMULGEE COUNTY --- OKMULGEE [35.63, -95.97], 0.9 E OKMULGEE [35.63, -95.95], 1.4 SE OKMULGEE [35.62, -95.95], 0.9 S OKMULGEE [35.62, -95.97]				
	09/23/23 18:54 CST		20K	Flash Flood (due to Heavy Rain)
	09/23/23 21:00 CST		0	Source: Public
Several roads were flooded and closed in and around town. Several vehicles were stranded in the flood water.				
<hr/>				
OKMULGEE COUNTY --- OKMULGEE ARPT [35.67, -95.95]				

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/23/23 18:55 CST		0	Thunderstorm Wind (MG 52 kt)
	09/23/23 18:55 CST		0	Source: AWOS
The AWOS at the Okmulgee Regional Airport measured 60 mph thunderstorm wind gusts.				
<hr/>				
MAYES COUNTY --- 1.6 WNW CHOUTEAU [36.19, -95.38]				
	09/23/23 19:15 CST		5K	Thunderstorm Wind (EG 56 kt)
	09/23/23 19:15 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down power poles and power lines.				
<hr/>				
OKMULGEE COUNTY --- 0.7 N BEGGS [35.74, -96.07], 1.1 N BEGGS [35.75, -96.07], 1.1 N BEGGS [35.75, -96.07], 0.7 N BEGGS [35.74, -96.07]				
	09/23/23 19:40 CST		0	Flash Flood (due to Heavy Rain)
	09/23/23 23:00 CST		0	Source: Trained Spotter
Several roads were flooded and closed in and around Beggs.				
<hr/>				
OKMULGEE COUNTY --- OKMULGEE [35.63, -95.97], 1.6 S OKMULGEE [35.61, -95.98], 2.6 SE OKMULGEE [35.61, -95.94], 2.2 ENE OKMULGEE [35.64, -95.93]				
	09/23/23 20:45 CST		20K	Flash Flood (due to Heavy Rain)
	09/23/23 23:00 CST		0	Source: Emergency Manager
Portions of numerous roads and underpasses were flooded in and around Okmulgee. Several high water rescues were conducted in the flooding.				
<hr/>				
PITTSBURG COUNTY --- 2.0 S INDIANOLA [35.14, -95.78]				
	09/23/23 21:26 CST		30K	Hail (2.00 in)
	09/23/23 21:26 CST		0	Source: Public
Hail larger than golf ball size damaged homes and vehicles.				
<hr/>				
PITTSBURG COUNTY --- 2.0 S INDIANOLA [35.14, -95.78]				
	09/23/23 21:30 CST		0.10M	Thunderstorm Wind (EG 65 kt)
	09/23/23 21:30 CST		0	Source: Public
Strong thunderstorm wind blew down trees, destroyed several outbuildings, and damaged the roofs of homes.				
<hr/>				
PITTSBURG COUNTY --- 2.0 ESE INDIANOLA [35.16, -95.75]				
	09/23/23 21:31 CST		0.10M	Thunderstorm Wind (EG 65 kt)
	09/23/23 21:31 CST		0	Source: Emergency Manager
Strong thunderstorm wind damaged the roofs of several homes, destroyed several outbuildings, and blew down trees.				
<hr/>				
PITTSBURG COUNTY --- 7.0 N MC ALESTER [35.03, -95.77]				
	09/23/23 21:34 CST		25K	Hail (2.00 in)
	09/23/23 21:34 CST		0	Source: Trained Spotter
Hail larger than golf ball size damaged homes and vehicles.				
<hr/>				
OKFUSKEE COUNTY --- 1.3 S PADEN [35.48, -96.57]				
	09/23/23 21:40 CST		40K	Thunderstorm Wind (EG 65 kt)
	09/23/23 21:40 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down several large trees, damaged the roofs of several homes, and damaged several outbuildings.				
<hr/>				
PITTSBURG COUNTY --- 0.2 NNW CROWDER [35.12, -95.67]				
	09/23/23 21:41 CST		0	Hail (1.00 in)
	09/23/23 21:41 CST		0	Source: Public
<hr/>				
MCINTOSH COUNTY --- 0.1 WNW RAIFORD [35.27, -95.78], 0.4 S RAIFORD [35.26, -95.78], 0.7 ESE RAIFORD [35.27, -95.77], 0.7 ENE RAIFORD [35.27, -95.77]				

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/23/23 22:15 CST		0	Flash Flood (due to Heavy Rain)
	09/23/23 23:30 CST		0	Source: Emergency Manager

Portions of several roads were flooded in and around Raiford.

PITTSBURG COUNTY --- 1.0 WSW HAILEYVILLE [34.85, -95.59], 1.2 SE HAILEYVILLE [34.84, -95.55], 1.3 ENE HAILEYVILLE [34.85, -95.55], 0.7 SSW DOW [34.86, -95.58]

	09/23/23 23:30 CST		0	Flash Flood (due to Heavy Rain)
	09/24/23 01:45 CST		0	Source: Social Media

Portions of several roads were flooded and closed in the Haileyville and Hartshorne areas.

Scattered strong to severe thunderstorms developed across portions of eastern Oklahoma during the afternoon of the 23rd, along a retreating warm front that stretched across the area, and ahead of a cold front approaching from the northwest. The thunderstorms became more widespread across the area during the evening. The air mass ahead of the cold front became very unstable, and deep-layer wind shear increased with the approach of an upper level disturbance, allowing some of the thunderstorms to evolve into supercell thunderstorms. The thunderstorms produced large hail up to grapefruit size, and damaging wind gusts across portions of eastern Oklahoma during the afternoon through evening hours.