

Storm Data and Unusual Weather Phenomena - October 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Northwest				
BENTON COUNTY --- 1.6 NW LOGAN [36.22, -94.40], 1.3 SSE CREECH [36.21, -94.02], 2.9 WSW LARUE [36.31, -94.02], 2.7 N HIGHFILL [36.31, -94.36]				
	10/06/19 05:25 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 12:30 CST		0	Source: Broadcast Media
Portions of several roads were flooded and closed across southern Benton County.				
BENTON COUNTY --- 1.3 WNW BENTONVILLE MUNI ARP [36.36, -94.24], 1.7 NW BENTONVILLE [36.39, -94.24], 2.1 NW BENTONVILLE [36.39, -94.25], 1.8 ENE CENTERTON [36.36, -94.25]				
	10/06/19 06:00 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 08:45 CST		0	Source: Emergency Manager
Peach Orchard Road was closed from SW 12th Street to Angel Falls Road.				
BENTON COUNTY --- 0.3 WNW HIGHFILL [36.27, -94.36], 1.1 NW HEALING SPGS [36.26, -94.30], 0.8 W HEALING SPGS [36.25, -94.29], 1.3 SSW HIGHFILL [36.25, -94.36]				
	10/06/19 07:29 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 12:30 CST		0	Source: Emergency Manager
Portions of several roads were flooded and closed near Highfill, including Highway 12 from Highfill to Gentry, and Highway 264 from Atkins Road to the Northwest Arkansas Regional Airport.				
BENTON COUNTY --- 2.8 SE GRAVETTE [36.39, -94.42], 3.0 SE GRAVETTE [36.39, -94.41], 3.1 SE GRAVETTE [36.39, -94.41], 2.9 NE DECATUR ARPT [36.38, -94.42]				
	10/06/19 07:29 CST		50K	Flash Flood (due to Heavy Rain)
	10/06/19 12:30 CST		0	Source: Emergency Manager
Portions of Bethel Road were washed out west of Stage Coach Road.				
BENTON COUNTY --- 1.6 ENE CENTERTON [36.36, -94.25], 1.6 E CENTERTON [36.35, -94.25], 1.3 E CENTERTON [36.35, -94.26], 1.4 ENE CENTERTON [36.36, -94.26]				
	10/06/19 07:30 CST		10K	Flash Flood (due to Heavy Rain)
	10/06/19 12:30 CST		0	Source: Broadcast Media
Portions of Greenhouse Road were flooded, and a car was swept into a ditch.				
BENTON COUNTY --- 2.6 SSW BELLA VISTA [36.40, -94.25], 2.5 NE BENTONVILLE [36.39, -94.19], 2.1 ENE BENTONVILLE MUNI ARP [36.36, -94.18], 1.2 ENE CENTERTON [36.36, -94.26]				
	10/06/19 07:30 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 12:30 CST		0	Source: Broadcast Media
Portions of numerous roads in and around Bentonville were closed due to flooding.				
WASHINGTON COUNTY --- 1.5 WSW SPRINGDALE MUNI ARPT [36.16, -94.14], 1.6 SW SPRINGDALE MUNI ARPT [36.16, -94.14], 1.6 SW SPRINGDALE MUNI ARPT [36.16, -94.14], 1.6 WSW SPRINGDALE MUNI ARPT [36.16, -94.14]				
	10/06/19 07:30 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 12:30 CST		0	Source: Broadcast Media
Highway 71B in Springdale at the A-M Railroad bridge was closed due to flooding.				
WASHINGTON COUNTY --- 0.2 ESE JOHNSON [36.13, -94.17], 0.3 ESE JOHNSON [36.13, -94.17], 0.3 ESE JOHNSON [36.13, -94.17], 0.3 ESE JOHNSON [36.13, -94.17]				
	10/06/19 07:50 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 12:30 CST		0	Source: Storm Chaser
Portions of Ball Street in Johnson were closed due to flooding.				
BENTON COUNTY --- DECATUR [36.33, -94.45], 0.9 W DECATUR [36.33, -94.47], 0.8 WNW DECATUR [36.33, -94.46], 0.4 NW DECATUR [36.33, -94.46]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/06/19 08:18 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 12:30 CST		0	Source: Broadcast Media

Highway 59 on the south side of Decatur was closed due to flooding.

WASHINGTON COUNTY --- 1.5 NNE JOHNSON [36.15, -94.16], 1.6 NE JOHNSON [36.15, -94.15], 1.1 ENE JOHNSON [36.14, -94.15], 0.9 NE JOHNSON [36.14, -94.16]

	10/06/19 08:18 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 12:30 CST		0	Source: Public

Portions of several roads were flooded west of Shady Grove.

WASHINGTON COUNTY --- 2.0 NNE TONTITOWN [36.21, -94.22], 1.2 NW ELM SPGS [36.21, -94.24], 0.8 WNW ELM SPGS [36.20, -94.24], 0.3 SSW ELM SPGS [36.20, -94.23]

	10/06/19 09:38 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 12:30 CST		0	Source: Department of Highways

Both directions of Highway 112 between Tontitown and Elm Springs were closed due to flooding.

WASHINGTON COUNTY --- 0.3 WSW SPRINGDALE MUNI ARPT [36.17, -94.12], 0.4 SW SPRINGDALE MUNI ARPT [36.17, -94.13], 0.2 S SPRINGDALE MUNI ARPT [36.17, -94.12], 0.1 S SPRINGDALE MUNI ARPT [36.17, -94.12]

	10/06/19 09:51 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 12:30 CST		0	Source: Department of Highways

The westbound lanes of Highway 412 between S Powell Street and Highway 265 were closed due to flooding.

WASHINGTON COUNTY --- 1.2 SW JOHNSON [36.12, -94.19], 0.8 SSE JOHNSON [36.12, -94.17], 1.2 S JOHNSON [36.11, -94.17], 1.4 SW JOHNSON [36.11, -94.19]

	10/06/19 10:26 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 12:30 CST		0	Source: Department of Highways

Highway 112 was closed in both directions between W Van Asche Drive and Highway 49 due to flooding.

BENTON COUNTY --- 0.6 WSW CAVE SPGS [36.27, -94.24], 1.1 SSW CAVE SPGS [36.26, -94.24], 0.7 SSE CAVE SPGS [36.26, -94.23], 0.2 SE CAVE SPGS [36.27, -94.23]

	10/06/19 10:46 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 12:30 CST		0	Source: County Official

Portions of several roads were flooded around Cave Springs. Three people were rescued from the flood water.

BENTON COUNTY --- HIGHFILL [36.27, -94.35], 1.0 S HIGHFILL [36.26, -94.35], 1.5 SW HIGHFILL [36.26, -94.37], 1.2 W HIGHFILL [36.27, -94.37]

	10/06/19 10:46 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 12:30 CST		0	Source: County Official

Portions of Highway 12 were flooded around Highfill. One person was rescued from the flood water.

BENTON COUNTY --- 2.0 SSW GENTRY [36.24, -94.49], 1.6 SSW GENTRY [36.25, -94.49], 1.6 S GENTRY [36.25, -94.48], 2.0 S GENTRY [36.24, -94.48]

	10/06/19 11:24 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 16:30 CST		0	Source: Social Media

Highway 59 was flooded at Dawn Hill Road south of Gentry.

BENTON COUNTY --- CAVE SPGS [36.27, -94.23], 0.6 WSW CAVE SPGS [36.27, -94.24], 1.1 SSW CAVE SPGS [36.26, -94.24], 0.8 SSE CAVE SPGS [36.26, -94.22]

	10/06/19 12:10 CST		25K	Flash Flood (due to Heavy Rain)
	10/06/19 16:30 CST		0	Source: Social Media

The basement of a home was flooded.

BENTON COUNTY --- 2.3 SSW BELLA VISTA [36.40, -94.24], 2.1 NNW BENTONVILLE [36.40, -94.24], 2.0 NNW BENTONVILLE [36.40, -94.24], 2.2 NW BENTONVILLE [36.40, -94.24]

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	10/06/19 14:28 CST		0	Flash Flood (due to Heavy Rain)
	10/06/19 16:30 CST		0	Source: Social Media
Portions of Peach Orchard Road were flooded near Palladium Road.				
<p>Widespread showers and thunderstorms developed into northwestern Arkansas during the early morning hours of the 6th, as a low-level jet increased across the area, lifting warm and very moist air up and over a slow-moving cold front. The front eventually stalled over southeastern Oklahoma and west central Arkansas, with continued thunderstorm development north of it through the day. A large area of northwest Arkansas received between five and eight inches of rain during this event, with portions of Benton, Washington, and Carroll Counties receiving up to thirteen inches. Widespread flash flooding occurred in Benton and Washington Counties, with numerous roads closed due to high water.</p>				
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FRANKLIN COUNTY --- CECIL [35.43, -93.95]				
	10/10/19 18:40 CST		0	Thunderstorm Wind (EG 56 kt)
	10/10/19 18:40 CST		0	Source: Emergency Manager
Thunderstorm wind estimated to 65 mph snapped large tree limbs.				
<p>Strong to severe thunderstorms developed across eastern Oklahoma during the afternoon of the 10th, as a cold front moved through the region. These thunderstorms moved into northwestern Arkansas during the evening, the strongest of which produced damaging wind.</p>				
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BENTON COUNTY --- 2.3 NW LAKE FRANCES [36.15, -94.56], 1.6 SW SILOAM SPGS ARPT [36.17, -94.50]				
	10/20/19 23:06 CST		0.15M	Tornado (EF1, L: 3.30 mi , W: 900 yd)
	10/20/19 23:09 CST		0	Source: NWS Storm Survey
This is the second segment of a two-segment tornado. In Benton County, this tornado moved across the southern portion of Siloam Springs, uprooting numerous trees, damaging homes and businesses, destroying outbuildings, and snapping power poles. Based on this damage, maximum estimated wind in this segment of the tornado was 90 to 100 mph.				
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BENTON COUNTY --- 0.2 SSW SILOAM SPGS [36.18, -94.53], 3.6 SE AVOCA [36.36, -94.02]				
	10/20/19 23:08 CST		6M	Tornado (EF2, L: 31.40 mi , W: 2640 yd)
	10/20/19 23:38 CST		0	Source: NWS Storm Survey
This tornado developed on the north side of Siloam Springs. It moved along Highway 412, and then across the southern portion of the Siloam Springs airport, as well as a housing subdivision east of the airport. The roof was blown off a business, many homes and businesses sustained roof damage, several hangars at the airport were damaged, numerous trees were uprooted, and power poles were snapped. The tornado became very large and moved east-northeast from the east side of Siloam Springs. The roof of a wood-framed permanent home was entirely removed, and a large, well-built, wood-framed outbuilding was destroyed on Andria Circle, which are the primary damage indicators that resulted in the EF-2 rating. These structures were on a hill, and nearby hardwood trees were snapped, homes were damaged with windows blown out and roof structures lifted off the frame of the house and set back down. The tornado continued to move east-northeast across Highfill and Cave Springs, and into Rogers. Numerous homes were damaged, outbuildings were destroyed, many power poles were blown down, and numerous trees were uprooted. A metal building structure that was open-aired on the south side sustained severe damage. Businesses in the Pinnacle Hills area of Rogers were damaged. From Rogers, the tornado moved northeast, crossing inlets of Beaver Lake before dissipating. Based on this damage, maximum estimated wind in the tornado was 110 to 120 mph.				
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BENTON COUNTY --- 1.6 WNW SILOAM SPGS [36.19, -94.56]				
	10/20/19 23:08 CST		0	Thunderstorm Wind (EG 65 kt)
	10/20/19 23:08 CST		0	Source: Trained Spotter
Strong thunderstorm wind blew down trees on Holly Street, south of Central Street.				
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BENTON COUNTY --- 1.8 S GALLITIN [36.17, -94.43]				
	10/20/19 23:13 CST		0	Thunderstorm Wind (EG 75 kt)
	10/20/19 23:13 CST		0	Source: NWS Storm Survey
Strong thunderstorm wind uprooted trees.				
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BENTON COUNTY --- SILOAM SPGS [36.18, -94.53]				
	10/20/19 23:15 CST		0	Hail (1.00 in)
	10/20/19 23:15 CST		0	Source: Public
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WASHINGTON COUNTY --- 1.0 ESE PRAIRIE GROVE [35.97, -94.30]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/20/19 23:23 CST		5K	Thunderstorm Wind (EG 70 kt)
	10/20/19 23:23 CST		0	Source: Trained Spotter

Strong thunderstorm wind blew down trees and power lines.

BENTON COUNTY --- 1.9 NNW MONTE NE [36.30, -94.08]

	10/20/19 23:32 CST		0	Thunderstorm Wind (EG 70 kt)
	10/20/19 23:32 CST		0	Source: NWS Storm Survey

Strong thunderstorm wind uprooted trees.

WASHINGTON COUNTY --- 0.2 WNW SPRINGDALE MUNI ARPT [36.17, -94.12]

	10/20/19 23:32 CST		0	Thunderstorm Wind (EG 52 kt)
	10/20/19 23:32 CST		0	Source: Trained Spotter

Strong thunderstorm wind snapped large tree limbs near the Springdale Municipal Airport.

BENTON COUNTY --- 2.1 NE MONTE NE [36.30, -94.05]

	10/20/19 23:34 CST		0	Thunderstorm Wind (EG 70 kt)
	10/20/19 23:34 CST		0	Source: NWS Storm Survey

Strong thunderstorm wind uprooted trees.

BENTON COUNTY --- 3.3 NNE MONTE NE [36.32, -94.05]

	10/20/19 23:36 CST	1	75K	Thunderstorm Wind (EG 75 kt)
	10/20/19 23:36 CST	1	0	Source: NWS Storm Survey

Strong thunderstorm wind uprooted trees, one of which fell through a home. A man was killed by the fallen tree.

Direct Fatalities: M66PH

CARROLL COUNTY --- 1.5 SE EUREKA SPGS [36.39, -93.71]

	10/20/19 23:50 CST		10K	Thunderstorm Wind (EG 65 kt)
	10/20/19 23:50 CST		0	Source: Public

Strong thunderstorm wind uprooted trees and damaged outbuildings.

CARROLL COUNTY --- 1.3 ESE ELK RANCH [36.43, -93.66]

	10/20/19 23:55 CST		50K	Thunderstorm Wind (EG 65 kt)
	10/20/19 23:55 CST		0	Source: Public

Strong thunderstorm wind uprooted numerous trees, damaged homes, damaged outbuildings, and blew down power lines in and around the Rock Springs Community.

CARROLL COUNTY --- OAK GROVE [36.45, -93.43]

	10/21/19 00:07 CST		25K	Thunderstorm Wind (EG 65 kt)
	10/21/19 00:07 CST		0	Source: Public

Strong thunderstorm wind uprooted trees and damaged homes.

Thunderstorms developed over central Oklahoma during the early evening of the 20th, along and just ahead of a cold front moving into the area. The atmosphere ahead of the front was very unstable. Wind fields across the region strengthened with the approach of a strong upper level storm system, and very strong wind shear developed over northwestern Arkansas by late evening. The thunderstorms moved across eastern Oklahoma during the evening, and organized into a solid line of thunderstorms before they moved into northwest Arkansas. The thunderstorms produced very strong downburst wind as they moved through the region. Several tornadoes developed along the leading edge of the thunderstorm line, one of which was long-track and strong.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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An EF-2 tornado destroyed several homes near Siloam Springs, Arkansas, during the evening of October 20, 2019. This large, long-track tornado also damaged many homes and businesses, destroyed numerous outbuildings and boat docks, and snapped many power poles resulting in power outages for more than a week in some areas. Photo by Ed Calianese, WCM, NWS Tulsa Oklahoma.

OKLAHOMA, Eastern

CREEK COUNTY --- 8.0 E BRISTOW [35.83, -96.24]

10/05/19 16:15 CST	10K	Hail (1.75 in)
10/05/19 16:15 CST	0	Source: Broadcast Media

CHEROKEE COUNTY --- PEGGS [36.08, -95.10]

10/05/19 21:05 CST	5K	Hail (1.25 in)
10/05/19 21:05 CST	0	Source: Public

HASKELL COUNTY --- MC CURTAIN [35.15, -94.97]

10/06/19 13:48 CST	0	Hail (0.75 in)
10/06/19 13:48 CST	0	Source: Law Enforcement

LE FLORE COUNTY --- POTEAU [35.05, -94.62]

10/06/19 15:00 CST	0	Thunderstorm Wind (EG 65 kt)
10/06/19 15:00 CST	0	Source: Emergency Manager

Strong thunderstorm wind blew down numerous trees on the east side of town.

Thunderstorms developed over eastern Oklahoma during the early evening hours of the 5th, as a cold front moved into the area. The strongest thunderstorms produced hail up to golfball size into the evening. The front continued to move southward into southeastern Oklahoma through the morning hours of the 6th, and additional strong to severe thunderstorms developed during the afternoon. Hail up to penny size and damaging wind gusts occurred with the strongest thunderstorms.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DELAWARE COUNTY --- 3.2 SW FLINT [36.16, -94.73], 2.7 SSW FLINT [36.16, -94.71], 0.1 N FLINT [36.20, -94.70], 1.9 WNW MOSELEY [36.21, -94.66], 2.1 NW MOSELEY [36.22, -94.66], 0.5 NW FLINT [36.20, -94.71]				
	10/06/19 14:00 CST		0	Flood (due to Heavy Rain)
	10/06/19 20:00 CST		0	Source: Official NWS Observations
<p>Flint Creek near Kansas rose above its flood stage of 11 feet at 3:00 pm CDT on October 6th. The river crested at 13.55 feet at 4:45 pm CDT on the 6th, resulting in moderate flooding. The river fell below flood stage at 9:00 pm CDT on the 6th.</p>				
ADAIR COUNTY --- 0.9 SE WATTS [36.11, -94.56], 2.1 N WATTS [36.15, -94.57], 3.0 NW WATTS [36.15, -94.61], 1.7 W WATTS [36.12, -94.60]				
	10/06/19 15:30 CST		0	Flood (due to Heavy Rain)
	10/07/19 13:45 CST		0	Source: Official NWS Observations
<p>The Illinois River near Watts rose above its flood stage of 13 feet at 4:30 pm CDT on October 6th. The river crested at 24.11 feet at 9:30 pm CDT on the 6th, resulting in major flooding. Very severe flooding occurred from the Arkansas border to Fidler's Bend. Permanent buildings and cabins were flooded to a depth of several feet. Monetary damage from this flood is unknown. The river fell below flood stage at 2:45 pm CDT on the 7th.</p>				
ADAIR COUNTY --- 1.3 WNW CHEWEY [36.11, -94.79], 1.8 SW CHEWEY [36.08, -94.79], 3.4 ESE CHEWEY [36.09, -94.71], 1.8 ENE CHEWEY [36.11, -94.74]				
	10/06/19 18:45 CST		0	Flood (due to Heavy Rain)
	10/07/19 20:30 CST		0	Source: Official NWS Observations
<p>The Illinois River near Chewey rose above its flood stage of 12 feet at 7:45 pm CDT on October 6th. The river crested at 21.96 feet 5:45 am CDT on the 7th, resulting in major flooding. The crest was the fifth highest crest ever recorded at this site. Very severe flooding occurred from near Fidler's Bent to near Hanging Rock, with numerous cabins flooded in permanent campgrounds, and portions of Chewey Road were inundated east of Chewey Bridge. Monetary damage from this flood is unknown. The river fell below flood stage at 9:30 pm CDT on the 7th.</p>				
CHEROKEE COUNTY --- TAHLEQUAH [35.92, -94.97], 1.3 ESE PARK HILL [35.86, -94.93], 3.8 SSE ELLERVILLE [35.98, -94.87], 3.6 SSE MOODYS [35.98, -94.93]				
	10/07/19 03:15 CST		0	Flood (due to Heavy Rain)
	10/08/19 10:00 CST		0	Source: Official NWS Observations
<p>The Illinois River near Tahlequah rose above its flood stage of 11 feet at 4:15 am CDT on October 7th. The river crested at 21.10 feet at 7:30 pm CDT on the 7th, resulting in major flooding. Severe flooding occurred from near Hanging Rock to near Tahlequah where cabins and parks were severely flooded and portions of Highway 10 were impassable. Cars and farm equipment were inundated by flood water, and farm animals were stranded. Monetary damage from this flood is unknown. The river fell below flood stage at 11:00 am CDT on the 8th.</p>				
<p>Several rounds of showers and thunderstorms moved across northeastern Oklahoma and northwestern Arkansas from the early morning hours of October 5th into the afternoon hours of the 6th, as a cold front slowly moved through the area. A large portion of northeastern Oklahoma and northwest Arkansas received between five and eight inches of rain during this event, with some areas of northwestern Arkansas recording as much as thirteen inches of rain. This excessive rain fell over the headwaters of the Illinois River, resulting in major flooding along the entire Illinois River upstream of Lake Tenkiller. This rain also fell in the Flint Creek basin, with moderate flooding occurring along Flint Creek near Kansas.</p>				
WAGONER COUNTY --- 3.2 SE ONETA [35.99, -95.67]				
	10/10/19 13:45 CST		20K	Thunderstorm Wind (EG 65 kt)
	10/10/19 13:45 CST		0	Source: Trained Spotter
<p>Strong thunderstorm wind uprooted trees and damaged the roofs of homes near The Woods Golf Club.</p>				
HASKELL COUNTY --- 0.5 NNW KEOTA [35.26, -94.92]				
	10/10/19 14:35 CST		0	Thunderstorm Wind (EG 52 kt)
	10/10/19 14:35 CST		0	Source: Broadcast Media
<p>Strong thunderstorm wind snapped large tree limbs.</p>				
MCINTOSH COUNTY --- 3.3 NNE BOWER [35.26, -95.91]				
	10/10/19 14:42 CST		0	Hail (0.88 in)
	10/10/19 14:42 CST		0	Source: Storm Chaser
MCINTOSH COUNTY --- 3.8 NE BOWER [35.26, -95.88]				
	10/10/19 14:42 CST		0	Thunderstorm Wind (EG 52 kt)
	10/10/19 14:42 CST		0	Source: Storm Chaser

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A storm chaser estimated thunderstorm wind gusts to 60 mph.				
MCINTOSH COUNTY --- 1.8 SW WELLS [35.31, -95.59]				
	10/10/19 15:21 CST		0	Thunderstorm Wind (MG 53 kt)
	10/10/19 15:21 CST		0	Source: Social Media
Thunderstorm wind gusts were measured to 61 mph by a storm spotter.				
HASKELL COUNTY --- 1.8 ENE STIGLER [35.26, -95.10], 3.1 WSW KANIMA [35.26, -95.07], 3.3 WSW KANIMA [35.26, -95.07], 1.6 ENE STIGLER [35.26, -95.10]				
	10/10/19 17:11 CST		0	Flash Flood (due to Heavy Rain)
	10/10/19 19:45 CST		0	Source: Social Media
Portions of Highway 9 were flooded east of Stigler.				
LATIMER COUNTY --- 2.0 NE YANUSH [34.72, -95.30]				
	10/10/19 17:22 CST		0	Hail (1.00 in)
	10/10/19 17:22 CST		0	Source: Emergency Manager
MAYES COUNTY --- 0.7 NNE PRYOR [36.31, -95.31]				
	10/10/19 18:13 CST		0	Hail (1.00 in)
	10/10/19 18:13 CST		0	Source: Emergency Manager
MUSKOGEE COUNTY --- 0.3 ESE MUSKOGEE [35.75, -95.36]				
	10/10/19 18:27 CST		0	Hail (0.88 in)
	10/10/19 18:27 CST		0	Source: Public
Strong to severe thunderstorms developed across eastern Oklahoma during the afternoon and evening of the 10th, as a cold front moved through the region. The strongest storms produced hail up to quarter size and damaging wind.				
CREEK COUNTY --- 9.0 N BRISTOW [35.96, -96.38]				
	10/20/19 19:38 CST		0	Hail (0.75 in)
	10/20/19 19:38 CST		0	Source: Public
OKMULGEE COUNTY --- 2.5 NW PRESTON [35.75, -96.01]				
	10/20/19 19:50 CST		0	Hail (0.75 in)
	10/20/19 19:50 CST		0	Source: Public
CREEK COUNTY --- 1.2 ENE DRUMRIGHT [35.99, -96.58]				
	10/20/19 20:10 CST		20K	Hail (1.75 in)
	10/20/19 20:10 CST		0	Source: Social Media
CREEK COUNTY --- 0.7 NNE SILVER CITY [36.09, -96.50]				
	10/20/19 20:20 CST		0	Hail (0.75 in)
	10/20/19 20:20 CST		0	Source: Trained Spotter
CREEK COUNTY --- 0.5 W BRISTOW [35.83, -96.39]				
	10/20/19 20:25 CST		0	Hail (0.75 in)
	10/20/19 20:25 CST		0	Source: Public
CREEK COUNTY --- 1.4 NNW BRISTOW [35.85, -96.39]				
	10/20/19 20:26 CST		0	Hail (1.00 in)
	10/20/19 20:26 CST		0	Source: Trained Spotter
CREEK COUNTY --- 0.6 SSE KELLYVILLE [35.94, -96.21]				
	10/20/19 20:43 CST		10K	Hail (1.25 in)
	10/20/19 20:43 CST		0	Source: Trained Spotter
TULSA COUNTY --- 1.0 S PRATTVILLE [36.11, -96.12]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/20/19 20:44 CST		0	Hail (1.00 in)
	10/20/19 20:44 CST		0	Source: Public
<hr/>				
TULSA COUNTY --- 1.0 SSW PRATTVILLE [36.11, -96.12]				
	10/20/19 20:44 CST		20K	Hail (1.75 in)
	10/20/19 20:44 CST		0	Source: Social Media
<hr/>				
TULSA COUNTY --- 1.6 WNW WEST TULSA [36.16, -96.05]				
	10/20/19 20:50 CST		0	Hail (1.00 in)
	10/20/19 20:50 CST		0	Source: Public
<hr/>				
WASHINGTON COUNTY --- 3.0 ESE OCHELATA [36.58, -95.93]				
	10/20/19 21:00 CST		0	Thunderstorm Wind (EG 52 kt)
	10/20/19 21:00 CST		0	Source: Trained Spotter
<hr/>				
Thunderstorm wind gusts were estimated to 60 mph at CR 3000 and Highway 75.				
<hr/>				
OKMULGEE COUNTY --- 0.8 N BEGGS [35.74, -96.07]				
	10/20/19 21:03 CST		0	Hail (1.00 in)
	10/20/19 21:03 CST		0	Source: Trained Spotter
<hr/>				
CREEK COUNTY --- 0.5 N DRUMRIGHT [35.99, -96.60]				
	10/20/19 21:08 CST		50K	Hail (2.50 in)
	10/20/19 21:08 CST		0	Source: Social Media
<hr/>				
OKMULGEE COUNTY --- 0.7 N BLACKSTONE MINE [35.44, -96.00]				
	10/20/19 21:08 CST		0	Hail (0.75 in)
	10/20/19 21:08 CST		0	Source: Trained Spotter
<hr/>				
TULSA COUNTY --- 0.4 ESE SPERRY [36.30, -95.99]				
	10/20/19 21:08 CST		50K	Hail (2.00 in)
	10/20/19 21:08 CST		0	Source: Social Media
<hr/>				
ROGERS COUNTY --- 4.0 WSW OOLOGAH [36.43, -95.77]				
	10/20/19 21:14 CST		0	Thunderstorm Wind (EG 56 kt)
	10/20/19 21:14 CST		0	Source: Amateur Radio
<hr/>				
Thunderstorm wind gusts were estimated to 65 mph.				
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ROGERS COUNTY --- 4.0 WSW OOLOGAH [36.43, -95.77]				
	10/20/19 21:19 CST		0	Thunderstorm Wind (EG 61 kt)
	10/20/19 21:19 CST		0	Source: Amateur Radio
<hr/>				
Thunderstorm wind gusts were estimated to 70 mph.				
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OKMULGEE COUNTY --- 0.7 NNE BLACKSTONE MINE [35.44, -96.00]				
	10/20/19 21:57 CST		0	Hail (0.75 in)
	10/20/19 21:57 CST		0	Source: Trained Spotter
<hr/>				
MCINTOSH COUNTY --- 2.9 WNW BURNEY [35.44, -95.87]				
	10/20/19 22:07 CST		0	Thunderstorm Wind (MG 71 kt)
	10/20/19 22:07 CST		0	Source: Trained Spotter
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Thunderstorm wind gusts were measured to 82 mph.				
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WAGONER COUNTY --- 3.9 S COWETA EASLEY ARPT [35.94, -95.56], 3.8 WNW LA BARGE [35.99, -95.45]				
	10/20/19 22:08 CST		10K	Tornado (EF1, L: 7.20 mi , W: 1100 yd)
	10/20/19 22:15 CST		0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - October 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A tornado developed just south of Highway 51, east of Coweta, and moved east-northeast damaging a home, and blowing down trees and power poles. Based on this damage, maximum estimated wind in the tornado was 85 to 95 mph.</p>				
<hr/>				
OKMULGEE COUNTY --- 1.2 SW MORRIS [35.59, -95.86]	10/20/19 22:09 CST		2K	Thunderstorm Wind (EG 56 kt)
	10/20/19 22:09 CST		0	Source: Emergency Manager
<p>Strong thunderstorm wind blew down power lines.</p>				
<hr/>				
WAGONER COUNTY --- 1.5 SSE LA BARGE [35.96, -95.37]	10/20/19 22:10 CST		25K	Thunderstorm Wind (EG 65 kt)
	10/20/19 22:10 CST		0	Source: Public
<p>Strong thunderstorm wind severely damaged the roof of a home.</p>				
<hr/>				
WAGONER COUNTY --- 1.5 SSW LA BARGE [35.96, -95.39]	10/20/19 22:10 CST		5K	Thunderstorm Wind (EG 65 kt)
	10/20/19 22:10 CST		0	Source: Social Media
<p>Strong thunderstorm wind damaged a gas station in Wagoner.</p>				
<hr/>				
MUSKOGEE COUNTY --- 1.5 SE BOYNTON [35.64, -95.63], 1.2 NNE BELAND [35.72, -95.52]	10/20/19 22:12 CST		2K	Tornado (EF0, L: 8.30 mi , W: 400 yd)
	10/20/19 22:22 CST		0	Source: NWS Storm Survey
<p>A tornado developed southeast of Boynton to the south of W 83rd Street S, and moved northeast to a point north of W 33rd Street S. It uprooted a couple medium sized trees, blew down a power pole, and snapped large tree limbs. Much of the tornado path was across farmland, so the damage noted above generally occurred as the tornado crossed section line roads. Based on this damage, maximum estimated wind in the tornado was 80 to 85 mph.</p>				
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MCINTOSH COUNTY --- 2.1 W EUFAULA MUNI ARPT [35.30, -95.66]	10/20/19 22:15 CST		0	Thunderstorm Wind (MG 53 kt)
	10/20/19 22:15 CST		0	Source: Mesonet
<p>The Oklahoma Mesonet station near Eufaula measured 61 mph thunderstorm wind gusts.</p>				
<hr/>				
WAGONER COUNTY --- 1.3 WSW LA BARGE [35.97, -95.40]	10/20/19 22:21 CST		0	Thunderstorm Wind (EG 70 kt)
	10/20/19 22:21 CST		0	Source: Trained Spotter
<p>Strong thunderstorm wind snapped the trunks of several trees.</p>				
<hr/>				
MCINTOSH COUNTY --- 2.7 N CHECOTAH [35.47, -95.52]	10/20/19 22:24 CST		2K	Thunderstorm Wind (EG 56 kt)
	10/20/19 22:24 CST		0	Source: Trained Spotter
<p>Strong thunderstorm wind snapped large tree limbs and blew down power lines.</p>				
<hr/>				
CHEROKEE COUNTY --- 3.2 WNW MELVIN [35.93, -95.24]	10/20/19 22:32 CST		0	Thunderstorm Wind (EG 61 kt)
	10/20/19 22:32 CST		0	Source: Emergency Manager
<p>Thunderstorm wind gusts were estimated to 70 mph.</p>				
<hr/>				
MUSKOGEE COUNTY --- 0.5 SSE BRAGGS [35.66, -95.20]	10/20/19 22:35 CST		5K	Thunderstorm Wind (EG 61 kt)
	10/20/19 22:35 CST		0	Source: Public
<p>Strong thunderstorm wind blew the roof off a barn near Braggs.</p>				
<hr/>				
CHEROKEE COUNTY --- 0.8 E TERESITA [36.12, -94.97], 3.7 E TERESITA [36.12, -94.91]	10/20/19 22:39 CST		0	Tornado (EF1, L: 2.90 mi , W: 600 yd)
	10/20/19 22:43 CST		0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - October 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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This tornado uprooted trees and snapped numerous large tree limbs. Based on this damage, maximum estimated wind in the tornado was 85 to 95 mph.

CHEROKEE COUNTY --- TAHLEQUAH [35.92, -94.97]

	10/20/19 22:40 CST		0	Thunderstorm Wind (MG 64 kt)
	10/20/19 22:40 CST		0	Source: Emergency Manager

Thunderstorm wind gusts were measured to 74 mph in Tahlequah.

ADAIR COUNTY --- 5.0 N CHANCE [36.14, -94.66], 2.3 NNE WATTS [36.15, -94.56]

	10/20/19 23:00 CST		75K	Tornado (EF1, L: 5.80 mi , W: 900 yd)
	10/20/19 23:06 CST		0	Source: NWS Storm Survey

This is the first segment of a two-segment tornado. This tornado uprooted numerous trees, destroyed several outbuildings, and damaged the roofs of several homes. Based on this damage, maximum estimated wind in this segment of the tornado was 90 to 100 mph. The tornado continued into Benton County.

ADAIR COUNTY --- 0.6 ENE BUNCH [35.68, -94.76]

	10/20/19 23:05 CST		0	Thunderstorm Wind (EG 65 kt)
	10/20/19 23:05 CST		0	Source: Public

Strong thunderstorm wind blew down several trees.

ADAIR COUNTY --- 3.0 NNW ADDIELEE [36.01, -94.64]

	10/20/19 23:05 CST		0	Thunderstorm Wind (MG 57 kt)
	10/20/19 23:10 CST		0	Source: Mesonet

The Oklahoma Mesonet station near Westville measured 65 mph thunderstorm wind gusts.

ADAIR COUNTY --- 0.4 SW WESTVILLE [35.98, -94.57]

	10/20/19 23:11 CST		0	Thunderstorm Wind (EG 65 kt)
	10/20/19 23:11 CST		0	Source: NWS Storm Survey

Strong thunderstorm wind snapped large tree limbs.

Thunderstorms developed over central Oklahoma during the early evening of the 20th, along and just ahead of a cold front moving into the area. The atmosphere ahead of the front was very unstable. Wind fields across the region strengthened with the approach of a strong upper level storm system, and very strong deep layer shear developed over eastern Oklahoma by the evening. The combination of strong instability and very strong wind shear promoted the development of supercell thunderstorms, that produced hail up to baseball size and damaging wind. As the thunderstorms moved eastward during the late evening, they eventually organized into a solid line of thunderstorms. Low level wind shear increased across the region during the evening, and this supported the development of several tornadoes, in addition to the very strong downburst wind that some of the thunderstorms produced.

OKMULGEE COUNTY --- OKMULGEE [35.63, -95.97]

	10/29/19 13:30 CST		0	Hail (0.88 in)
	10/29/19 13:30 CST		0	Source: Emergency Manager

Hail up to the size of nickels covered the ground.

DELAWARE COUNTY --- 2.0 E KANSAS [36.20, -94.76]

	10/29/19 17:25 CST		5K	Hail (1.25 in)
	10/29/19 17:25 CST		0	Source: Trained Spotter

Thunderstorms developed over eastern Oklahoma during the afternoon and evening of the 29th, as warm and moist air was lifted over a frontal boundary that was draped across northeastern Texas and central Arkansas. Due to moderately strong instability in the mid levels of the atmosphere, some of the storms produced hail up to half dollar size.