

Storm Data and Unusual Weather Phenomena - July 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
OKLAHOMA COUNTY --- 3.0 WNW EDMOND [35.67, -97.53], 3.6 NNW THE VILLAGE [35.62, -97.58], 2.1 NE NICHOLS HILLS [35.57, -97.51], 1.8 S EDMOND [35.62, -97.48]				
	07/01/21 11:02 CST		0	Flood (due to Heavy Rain)
	07/01/21 14:02 CST		0	Source: Trained Spotter
Roads rapidly becoming covered in water.				
POTTAWATOMIE COUNTY --- 0.7 N SHAWNEE [35.34, -96.92]				
	07/01/21 12:15 CST		0	Thunderstorm Wind (MG 52 kt)
	07/01/21 15:15 CST		0	Source: Emergency Manager
Trees and utility poles damaged, mainly on west side of town.				
CLEVELAND COUNTY --- 1.0 SW NORMAN [35.21, -97.45], 1.4 SW NORMAN [35.20, -97.46], 1.7 SSW NORMAN [35.20, -97.45], 1.2 S NORMAN [35.20, -97.44]				
	07/01/21 15:15 CST		0	Flood (due to Heavy Rain)
	07/01/21 18:15 CST		0	Source: Trained Spotter
Picture on twitter of at least a foot of water at intersection.				
CLEVELAND COUNTY --- 0.8 WSW NORMAN [35.21, -97.45], 0.9 WSW NORMAN [35.21, -97.45], 1.0 WSW NORMAN [35.21, -97.45], 0.9 SW NORMAN [35.21, -97.45]				
	07/01/21 15:16 CST		0	Flood (due to Heavy Rain)
	07/01/21 18:16 CST		0	Source: Other Federal Agency
Imhoff Creek is going over Mcnamee St near Lyons park.				
After several days of excessive rainfall, a slow moving cold front sparked numerous thunderstorms producing heavy rainfall and additional flooding on the 1st and 2nd. Isolated wind damage was also reported with these storms.				
GARFIELD COUNTY --- 1.1 SSW NORTH ENID [36.43, -97.88], 2.9 W ENID [36.39, -97.93], 2.9 ENE (END)VANCE AFB ENID [36.36, -97.87], 2.3 E ENID [36.40, -97.84]				
	07/07/21 16:30 CST		0	Flash Flood (due to Heavy Rain)
	07/07/21 19:30 CST		0	Source: Law Enforcement
Six water rescues within Enid. 8 to 10 feet of water below one underpass.				
GARFIELD COUNTY --- 1.3 N ENID [36.42, -97.88], 2.3 W ENID [36.39, -97.92], 2.6 S ENID [36.36, -97.88], 1.9 E ENID [36.40, -97.85]				
	07/07/21 16:50 CST		0	Flash Flood (due to Heavy Rain)
	07/07/21 19:50 CST		0	Source: Trained Spotter
Numerous roads covered in water. 4 to 6 inches of flowing water observed on some.				
Scattered thunderstorms developed during the afternoon of the 7th ahead of a cold front across northern Oklahoma, with storms repeatedly training over portions of the Enid area. Reports of flash flooding were received with these storms.				
PAYNE COUNTY --- 1.9 SW YALE [36.09, -96.72], 2.6 S YALE [36.07, -96.70]				
	07/10/21 18:25 CST		50K	Tornado (EF1, L: 1.40 mi , W: 100 yd)
	07/10/21 18:27 CST		0	Source: Emergency Manager
A tornado touched down within the bend of the Cimarron River southwest of Yale and traveled almost a mile and a half to the southeast . At the beginning of the path, the tornado damaged oil tanks and trees. Multiple barns were heavily damaged as the tornado moved southeast across E3530 Road. The tornado then turned more south-southeast damaging numerous trees, a barn and a pivot irrigator.				
LINCOLN COUNTY --- 1.4 N AGRA [35.92, -96.87]				
	07/10/21 18:44 CST		0	Thunderstorm Wind (EG 52 kt)
	07/10/21 18:44 CST		0	Source: Public
Estimated severe wind gust.				

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LOGAN COUNTY --- 2.8 E GUTHRIE [35.88, -97.37]				
	07/10/21 19:23 CST		0	Hail (1.25 in)
	07/10/21 19:23 CST		0	Source: Public
LOGAN COUNTY --- 5.0 W MERIDIAN [35.84, -97.34]				
	07/10/21 19:31 CST		0	Hail (1.50 in)
	07/10/21 19:31 CST		0	Source: Public
CANADIAN COUNTY --- 4.5 SW CONCHO [35.56, -98.04]				
	07/10/21 19:55 CST		0	Thunderstorm Wind (MG 55 kt)
	07/10/21 19:55 CST		0	Source: Mesonet
CADDO COUNTY --- BRIDGEPORT [35.55, -98.38]				
	07/10/21 20:05 CST		0	Thunderstorm Wind (EG 52 kt)
	07/10/21 20:05 CST		0	Source: Trained Spotter
Estimated severe wind gust.				
OKLAHOMA COUNTY --- 1.7 W VALLEY BROOK [35.40, -97.51], 0.3 WSW VALLEY BROOK [35.40, -97.48], 1.1 SSW VALLEY BROOK [35.38, -97.48], 2.0 SW VALLEY BROOK [35.38, -97.51]				
	07/10/21 20:45 CST		0	Flash Flood (due to Heavy Rain)
	07/10/21 23:45 CST		0	Source: Trained Spotter
Access roads almost impassable at the I240/I35 junction. Underpasses quickly filling with water.				
MCCLAIN COUNTY --- 2.7 SE BLANCHARD [35.11, -97.63]				
	07/10/21 21:38 CST		0	Thunderstorm Wind (EG 52 kt)
	07/10/21 21:38 CST		0	Source: Broadcast Media
Four inch diameter tree blocking the road.				
GRADY COUNTY --- 4.5 ENE NORGE [35.02, -97.93]				
	07/10/21 21:40 CST		0	Thunderstorm Wind (MG 53 kt)
	07/10/21 21:40 CST		0	Source: Mesonet
COMANCHE COUNTY --- 1.8 NE MEERS [34.80, -98.56]				
	07/10/21 22:08 CST		0	Thunderstorm Wind (MG 56 kt)
	07/10/21 22:08 CST		0	Source: Trained Spotter
COMANCHE COUNTY --- 1.1 W ELGIN [34.78, -98.31]				
	07/10/21 22:10 CST		0	Thunderstorm Wind (MG 61 kt)
	07/10/21 22:10 CST		0	Source: Public
COMANCHE COUNTY --- ELGIN [34.78, -98.29]				
	07/10/21 22:10 CST		5K	Thunderstorm Wind (EG 61 kt)
	07/10/21 22:10 CST		0	Source: Broadcast Media
Damage to roof of a post office. Estimated 65 to 70 mph wind gust. Power lines also downed.				
PONTOTOC COUNTY --- 1.8 NE ADA [34.79, -96.66]				
	07/10/21 22:24 CST		0	Thunderstorm Wind (EG 50 kt)
	07/10/21 22:24 CST		0	Source: Public
Estimated severe wind gust.				
COMANCHE COUNTY --- 3.0 WSW (FSI)FORT SILL [34.66, -98.43], 4.7 WNW LAWTON [34.64, -98.47], 2.3 W LAWTON [34.61, -98.43], 2.2 SSW (FSI)FORT SILL [34.64, -98.40]				
	07/10/21 22:54 CST		0	Flash Flood (due to Heavy Rain)
	07/11/21 01:54 CST		0	Source: Trained Spotter

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Water is 9 inches high and moving into a home. Vehicles reported stalled.				
STEPHENS COUNTY --- 2.2 NW COMANCHE [34.39, -98.00]				
	07/10/21 23:00 CST		0	Thunderstorm Wind (EG 52 kt)
	07/10/21 23:00 CST		0	Source: Trained Spotter
Trees bent over.				
COMANCHE COUNTY --- 2.7 WSW (FSI)FORT SILL [34.65, -98.42], 4.0 WNW LAWTON [34.62, -98.46], 2.3 SW LAWTON [34.59, -98.42], 1.1 N LAWTON [34.63, -98.39]				
	07/10/21 23:10 CST		0	Flash Flood (due to Heavy Rain)
	07/11/21 02:10 CST		0	Source: Law Enforcement
Two vehicles stranded. Water continues to rise.				
JEFFERSON COUNTY --- 0.7 N RINGLING [34.19, -97.59]				
	07/10/21 23:20 CST		0	Thunderstorm Wind (MG 50 kt)
	07/10/21 23:20 CST		0	Source: Mesonet
COMANCHE COUNTY --- 2.0 NNE LAWTON [34.64, -98.38], 3.9 WSW LAWTON [34.59, -98.45], 3.6 S LAWTON [34.56, -98.39], 2.5 ESE LAWTON [34.60, -98.35]				
	07/10/21 23:25 CST		5K	Flash Flood (due to Heavy Rain)
	07/11/21 02:25 CST		0	Source: Law Enforcement
Water rescue with water coming into vehicle.				
CARTER COUNTY --- 1.1 W ARDMORE [34.17, -97.16]				
	07/10/21 23:35 CST		0	Thunderstorm Wind (EG 56 kt)
	07/10/21 23:35 CST		0	Source: Trained Spotter
Tree blown across highway.				
TILLMAN COUNTY --- 1.1 W FREDERICK ARPT [34.35, -99.00]				
	07/11/21 00:06 CST		0	Thunderstorm Wind (MG 51 kt)
	07/11/21 00:06 CST		0	Source: ASOS
A line of thunderstorms originating across eastern Kansas built southwestward into northern and central Oklahoma during the evening of the 10th, leading to numerous severe wind, hail and flood reports.				
WOODWARD COUNTY --- FORT SUPPLY [36.57, -99.57]				
	07/15/21 18:07 CST		0	Hail (1.00 in)
	07/15/21 18:07 CST		0	Source: Broadcast Media
An isolated thunderstorm developed across northwest Oklahoma during the late afternoon of the 15th, with one report of severe hail received.				
LOVE COUNTY --- 1.8 SE BURNEYVILLE [33.89, -97.28]				
	07/16/21 17:10 CST		0	Thunderstorm Wind (MG 51 kt)
	07/16/21 17:10 CST		0	Source: Mesonet
GRANT COUNTY --- POND CREEK [36.67, -97.80]				
	07/16/21 21:06 CST		0	Thunderstorm Wind (EG 52 kt)
	07/16/21 21:06 CST		0	Source: Emergency Manager
Relayed through NWSchat. Time is radar estimated.				
A couple severe wind reports were received across north-central Oklahoma on the 16th associated with isolated thunderstorm development during the late afternoon and evening of the 16th.				
GRADY COUNTY --- 1.8 SW MINCO [35.29, -97.96]				

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	07/17/21 15:11 CST		0	Thunderstorm Wind (MG 51 kt)
	07/17/21 15:11 CST		0	Source: Mesonet
An outflow boundary moved southward out of Kansas and served as a focus for numerous thunderstorm development through the afternoon and evening of the 17th. Storms were mostly sub-severe but one report of severe wind was received.				
WOODS COUNTY --- 13.5 NNE CAMP HOUSTON [36.98, -99.00]				
	07/18/21 15:40 CST		0	Thunderstorm Wind (MG 64 kt)
	07/18/21 15:40 CST		0	Source: Mesonet
CLEVELAND COUNTY --- 3.5 WNW MOORE [35.35, -97.55]				
	07/18/21 18:10 CST		0	Hail (1.00 in)
	07/18/21 18:10 CST		0	Source: Public
A similar pattern to the previous day saw thunderstorms develop along a southward moving outflow boundary during the afternoon of the 18th, with one report of severe wind and hail received.				
(OK-Z025) OKLAHOMA				
	07/25/21 12:00 CST		0	Heat
	07/31/21 21:00 CST		0	
An extended heat wave occurred during the last week of July, with heat indices in excess of 105 degrees each day of the period.				
WOODWARD COUNTY --- 17.6 N MOORELAND ARPT [36.73, -99.13]				
	07/25/21 14:40 CST		0	Thunderstorm Wind (MG 60 kt)
	07/25/21 14:40 CST		0	Source: Mesonet
JACKSON COUNTY --- 2.8 S ALTUS [34.60, -99.33]				
	07/25/21 17:15 CST		0	Thunderstorm Wind (MG 56 kt)
	07/25/21 17:15 CST		0	Source: Mesonet
JACKSON COUNTY --- 2.1 S ALTUS [34.61, -99.33]				
	07/25/21 17:20 CST		0	Thunderstorm Wind (MG 61 kt)
	07/25/21 17:20 CST		0	Source: Mesonet
KINGFISHER COUNTY --- 3.9 NW OKARCHE [35.77, -98.03]				
	07/25/21 18:28 CST		0	Thunderstorm Wind (EG 61 kt)
	07/25/21 18:28 CST		0	Source: Trained Spotter
Estimated severe wind gust.				
CUSTER COUNTY --- 4.4 NW FOSS RES DAM [35.58, -99.25]				
	07/25/21 18:50 CST		0	Thunderstorm Wind (MG 53 kt)
	07/25/21 18:50 CST		0	Source: Mesonet
BECKHAM COUNTY --- 1.3 ENE ELK CITY [35.42, -99.40]				
	07/25/21 19:15 CST		0	Thunderstorm Wind (MG 59 kt)
	07/25/21 19:15 CST		0	Source: AWOS
CANADIAN COUNTY --- 3.9 SW EL RENO [35.49, -98.01]				
	07/25/21 19:35 CST		0	Thunderstorm Wind (MG 52 kt)
	07/25/21 19:35 CST		0	Source: AWOS
WASHITA COUNTY --- 4.0 WNW BESSIE [35.41, -99.05]				
	07/25/21 19:45 CST		0	Thunderstorm Wind (MG 51 kt)
	07/25/21 19:45 CST		0	Source: Mesonet
COMANCHE COUNTY --- 0.9 SE ELGIN [34.77, -98.28]				

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	07/25/21 20:36 CST		0	Thunderstorm Wind (MG 53 kt)
	07/25/21 20:36 CST		0	Source: Trained Spotter
Convection moved southward out of Kansas during the afternoon of the 25th and continued into the rest of Oklahoma during the evening. Numerous severe wind reports were received.				
LOGAN COUNTY --- 3.5 NE LOVELL [36.10, -97.60]				
	07/26/21 13:50 CST		0	Thunderstorm Wind (MG 56 kt)
	07/26/21 13:50 CST		0	Source: Mesonet
OKLAHOMA COUNTY --- 3.0 SSW NICHOLS HILLS [35.51, -97.56]				
	07/26/21 14:40 CST		0	Thunderstorm Wind (EG 52 kt)
	07/26/21 14:40 CST		0	Source: Public
Tree limbs reported downed.				
CLEVELAND COUNTY --- 2.4 WSW (OUN)NORMAN WESTHEIMER ARPT [35.24, -97.51]				
	07/26/21 15:07 CST		0	Thunderstorm Wind (EG 52 kt)
	07/26/21 15:07 CST		0	Source: NWS Employee
Estimated severe wind gust.				
Remnant outflow and a mesoscale convective vortex helped to initiate convection across central and northern Oklahoma during the afternoon of the 26th, with isolated severe wind gusts reported.				
WOODS COUNTY --- 2.1 S ALVA [36.77, -98.67]				
	07/31/21 17:15 CST		0	Thunderstorm Wind (MG 50 kt)
	07/31/21 17:15 CST		0	Source: AWOS
A disorganized area of thunderstorms developed across northwestern Oklahoma during the afternoon of the 31st, with an isolated downburst leading to one report of severe wind.				
TEXAS, Western North				
WICHITA COUNTY --- 2.1 SSE HAYNESVILLE [34.06, -98.91]				
	07/11/21 00:34 CST		0	Thunderstorm Wind (MG 61 kt)
	07/11/21 00:34 CST		0	Source: Public
WILBARGER COUNTY --- 0.9 SW VERNON WILBARGER ARP [34.21, -99.29]				
	07/11/21 00:40 CST		0	Thunderstorm Wind (MG 51 kt)
	07/11/21 00:40 CST		0	Source: AWOS
HARDEMAN COUNTY --- 3.5 WNW GOODLETT [34.35, -99.94]				
	07/11/21 00:50 CST		0	Thunderstorm Wind (MG 56 kt)
	07/11/21 00:50 CST		0	Source: Mesonet
WILBARGER COUNTY --- 0.6 E VERNON [34.15, -99.28]				
	07/11/21 01:03 CST		0	Thunderstorm Wind (MG 52 kt)
	07/11/21 01:03 CST		0	Source: Trained Spotter
A line of thunderstorms originating across eastern Kansas built southwestward into northern and central Oklahoma during the evening of the 10th, leading to numerous severe wind, hail and flood reports.				