Storm Data and Unusual Weather Phenomena - January 2021

ARKANSAS, Northwest (AR.2011) MADISON 01/01/21 00:00 CST 0 lcs Storm 02/01/21 00:00 CST 0 lcs Storm 03/01/21 00:00 CST 0 lcs Storm 04/01/21 00:00 CST 0 lcs Storm 05/01/21 12:00 CST 0 l	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Disper level low pressure system moved from northern Marico, across Texas, southeastern Oklahoma, and western Arkansas on hecember 31st and January 1st. Precipitation spread into southeastern Oklahoma ahead of this system during the morning of the 31st, preading northward across all of castern Oklahoma and northwestern Arkansas during the day, Cold air was afready in place, as of the recipitation quickly transitioned for Teacing rain, elset, and snow across northeastern Oklahoma and northwestern Arkansas. Light communications of lee occurred across much of northwestern Arkansas during this event. The higher elevations of Madison County sectived about a quarter of an inch of ice from persistent freezing rain. ARZ-2010) WASHINGTON, (ARZ-2011) MADISON 01/06/21 20:00 CST 0 Winter Storm 01/07/21 12:00 CST 0 Winter Storm 01/07/21 00:00 CST 0 Winter Storm Oklahoma and northwestern Arkansas on becember 31st and January 1st. Precipitation spread into southeastern Oklahoma ahead of this system during the morning of the 31st, preading northward across all of eastern Oklahoma and northwestern Arkansas on the recipitation injustify transitioned to freezin	ARKANSAS, Northwest				
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0 Winter Storm 01/06/21 20:00 CST 0 Winter Storm 01/07/21 12:00 CST 0 Winter Storm 01/07/21 12:00 CST 0 Winter Storm 0 was as it did so. Precipitation overspread eastern Oklahoma and northwestern Arkansas as the system approached. Much of the recipitation fell as rain across the area, but the rain changed to snow over northwestern Arkansas during the evening of the 6th, and ontinued through the morning of the 7th. Light accumulations of snow fell over much of northwestern Arkansas, but four to five inches if snow accumulated above about the 1800 foot elevation in portions of southeastern Washington and eastern Madison Counties. DKLAHOMA, Eastern DK-Z057) CRAIG, (OK-Z061) ROGERS 01/01/21 10:00 CST 0 Winter Storm 01/01/21 11:00 CST 0 United Storm of this system during the morning of the 31st, preceding northward across all of eastern Oklahoma and northwestern Arkansas during the day. Cold air was already in place, so the recipitation quickly transitioned to freezing rain, sleet, and snow across northeastern Oklahoma and northwestern Arkansas. One to receinches of snow fell across much of northeastern Oklahoma, with a narrow swath of heavier snow across northern Rogers and outliner Graig Counties. DWATA COUNTY — 3.7 S WANN [36.87, -95.80], 3.3 SSE WANN [36.88, -95.78] 01/30/21 13:43 CST 0 Source: Storm Chaser leveral storm chasers and storm spotters withessed this initial tornado from the supercell, which developed and moved over open country. A survey learn outlined find no damage as a result of this tornado, due to the fact that it occurred over open country where there were no damage indicators impacted. DWATA COUNTY — 3.3 SSE WANN [36.88, -95.77], 3.3 SSE WANN [36.88, -95.77] 01/30/21 13:45 CST 0 Source: Storm Chasers leveral storm chasers and storm spotters withessed this initial tornado from the supercell, which developed and moved over open country. A survey sam could find no damage as a result of this	ecember 31st and January 1st. preading northward across all or recipitation quickly transitioned ccumulations of ice occurred a	Precipitation spread into southeastern Okla of eastern Oklahoma and northwestern Arka ed to freezing rain, sleet, and snow across no across much of northwestern Arkansas durin	homa ahead of t nsas during the rtheastern Oklah	his system during day. Cold air was a noma and northwe	the morning of the 31st, already in place, so the stern Arkansas. Light
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A strong upper level disturbance translated into the Southern Plains from the Southern Rockies on the 6th, strengthening over northern (exas as it did so. Precipitation overspread eastern Oklahoma and northwestern Arkansas auting the evening of the 6th, and continued through the morning of the 7th. Light accumulations of snow fell over much of northwestern Arkansas during the evening of the 6th, and continued through the morning of the 7th. Light accumulations of snow fell over much of northwestern Arkansas for the first part of	, , , , , , , , , , , , , , , , , , , ,	•		0	Winter Storm
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	NOWATA COUNTY 3.2 SE WA				
01/30/21 13:50 GST		ANN [36.88, -95.76], 3.8 ESE WANN [36.90, -95	5.74]	0	Tornado (FELL L. 1.50 mi. W. 150 vd)
Ondot 1 10.00 001		ANN [36.88, -95.76], 3.8 ESE WANN [36.90, -95	5.74]	0	Tornado (EFU, L: 1.50 mi , W: 150 yd) Source: Storm Chaser

NOWATA COUNTY --- 4.6 NW LENAPAH [36.89, -95.69], 2.7 SW ELLIOT [36.91, -95.66]

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Storm Data and Unusual Weather Phenomena - January 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/30/21 13:56 CST		0	Tornado (EFU, L: 2.00 mi , W: 100 yd)
	01/30/21 14:00 CST		0	Source: Storm Chaser
impacted. Much of the path was al	<u>, </u>	urred mostly over	open country whe	e there were no damage indicators
•	so inaccessible by road.	urred mostly over	open country whe	
impacted. Much of the path was al	so inaccessible by road. RALIA [36.89, -95.27]	urred mostly over		re there were no damage indicators Hail (0.75 in) Source: Public
impacted. Much of the path was al	RALIA [36.89, -95.27] 01/30/21 15:08 CST 01/30/21 15:08 CST	urred mostly over	0 0	Hail (0.75 in) Source: Public
impacted. Much of the path was al	so inaccessible by road. RALIA [36.89, -95.27] 01/30/21 15:08 CST 01/30/21 15:08 CST	urred mostly over	0	Hail (0.75 in)

A narrow axis of moisture and instability developed over portions of eastern Oklahoma during the afternoon of the 30th, ahead of an approaching dry line. Wind fields and wind shear strengthened across the area during the afternoon, with the approach of a strong upper level disturbance. Thunderstorms developed along the dry line during the early afternoon, and moved east-northeast across northeastern Oklahoma. Weak instability and very strong low level wind shear combined to support the evolution of some of the thunderstorms into supercells. One such storm produced four tornadoes. Hail up to penny size was also reported.

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