

Storm Data and Unusual Weather Phenomena - January 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
(OK-Z025) OKLAHOMA				
	01/05/25 06:48 CST		0	High Wind (MAX 51 kt)
	01/05/25 06:48 CST		0	
A fast-moving upper trough impacted portions of the Plains on the 4th into 5th. The associated frontal passage brought about strong northwesterly wind gusts, areas of light winter precipitation (far northern Oklahoma) and much colder temperatures to portions of Oklahoma.				
(OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z014) ROGER MILLS, (OK-Z017) BLAINE, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-Z025) OKLAHOMA, (OK-Z026) LINCOLN, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z043) COAL, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA, (OK-Z050) LOVE, (OK-Z052) BRYAN				
	01/05/25 21:00 CST		0	Cold/Wind Chill
	01/06/25 09:00 CST		0	
An arctic airmass, yielding dangerous temperatures/wind chills, settled across the Plains on the 5th and 6th behind the passage of a cold front.				
(OK-Z005) WOODS, (OK-Z008) KAY, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z015) DEWEY, (OK-Z018) KINGFISHER, (OK-Z020) PAYNE, (OK-Z025) OKLAHOMA, (OK-Z026) LINCOLN, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC, (OK-Z043) COAL, (OK-Z045) JEFFERSON, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA, (OK-Z050) LOVE, (OK-Z051) MARSHALL, (OK-Z052) BRYAN				
	01/09/25 07:00 CST		0	Heavy Snow
	01/10/25 10:00 CST		0	
A widespread winter storm (with heavy snowfall) impacted the Southern Plains on the 9th into early morning hours of the 10th. On the synoptic scale, a deep (closed) upper system lifted from northern Mexico into portions of the Southern Plains, leading to expanding areas of light to moderate precipitation during the day on the 9th. While surface temperatures sat a few degrees above freezing prior to snowfall (morning of the 9th), a combination of sub-freezing wet-bulb temperatures and occasionally heavy rates lead to widespread snowfall accumulation across the WFO Norman Forecast area.				
(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z013) NOBLE, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z017) BLAINE, (OK-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z041) MURRAY				
	01/20/25 18:00 CST		0	Extreme Cold/Wind Chill
	01/21/25 09:00 CST		0	
(OK-Z012) GARFIELD, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (OK-Z025) OKLAHOMA, (OK-Z026) LINCOLN, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z042) PONTOTOC, (OK-Z043) COAL, (OK-Z044) COTTON, (OK-Z045) JEFFERSON, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA, (OK-Z050) LOVE, (OK-Z051) MARSHALL, (OK-Z052) BRYAN				
	01/20/25 18:00 CST		0	Cold/Wind Chill
	01/21/25 09:00 CST		0	
An expansive, high-amplitude upper trough sat across the eastern two-thirds of the CONUS during the middle of the month. An embedded system (and associated surface front) made quick southeastward progress across the Plains on the 20th. This strong frontal intrusion brought about another period of very cold temperatures and wind chills across the WFO Norman area. An intense band of snow was also observed near the front on the afternoon/evening of the 20th, resulting in reduced visibility and light accumulation (<3 inches) across portions of northern Oklahoma.				
TEXAS, Western North				

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	01/06/25 00:00 CST		0	Cold/Wind Chill
	01/06/25 09:00 CST		0	

An arctic airmass, yielding dangerous temperatures/wind chills, settled across the Plains on the 5th and 6th behind the passage of a cold front.

(TX-Z086) WICHITA, (TX-Z089) ARCHER, (TX-Z090) CLAY	01/09/25 08:00 CST		0	Heavy Snow
	01/10/25 21:00 CST		0	

A widespread winter storm (with heavy snowfall) impacted the Southern Plains on the 9th into early morning hours of the 10th. On the synoptic scale, a deep (closed) upper system lifted from northern Mexico into portions of the Southern Plains, leading to expanding areas of light to moderate precipitation during the day on the 9th. While surface temperatures sat a few degrees above freezing prior to snowfall (morning of the 9th), a combination of sub-freezing wet-bulb temperatures and occasionally heavy rates lead to widespread snowfall accumulation across the WFO Norman Forecast area.

(TX-Z085) WILBARGER, (TX-Z086) WICHITA, (TX-Z089) ARCHER, (TX-Z090) CLAY	01/21/25 00:00 CST		0	Cold/Wind Chill
	01/21/25 09:00 CST		0	

An expansive, high-amplitude upper trough sat across the eastern two-thirds of the CONUS during the middle of the month. An embedded system (and associated surface front) made quick southeastward progress across the Plains on the 20th. This strong frontal intrusion brought about another period of very cold temperatures and wind chills across the WFO Norman area.