Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

OKLAHOMA	, Western,	Central and	d Southeast
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(OK-Z008) KAY, (OK-Z023) CADDO, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (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 10/01/23 00:00 CST 0 Drought 0 10/17/23 05:59 CST Despite heavy rainfall across the southern half of Oklahoma on the 4th, widespread severe (or worse) drought persisted across the aforementioned areas through the mid-month time frame. KAY COUNTY --- 5.4 W (PNC)PONCA CITY ARPT [36.74, -97.20] 10/04/23 09:15 CST 0 Hail (0.75 in) 10/04/23 09:15 CST n Source: Public MPing report. Based on radar evidence, hailfall likely occurred prior (~0910 LST) to report time. CADDO COUNTY --- 2.3 SSW CYRIL [34.87, -98.22] 10/04/23 13:56 CST 0 Hail (0.75 in) 0 Source: Public 10/04/23 13:56 CST MPing report. TILLMAN COUNTY --- 2.3 SE TIPTON ARPT [34.44, -99.14] Thunderstorm Wind (MG 63 kt) 10/04/23 14:05 CST 0 10/04/23 14:05 CST Source: Mesonet Tipton (TIPT) Mesonet observation. TILLMAN COUNTY --- 2.3 SE TIPTON ARPT [34.44, -99.14] 10/04/23 14:10 CST 0 Thunderstorm Wind (MG 53 kt) 10/04/23 14:10 CST 0 Source: Mesonet Tipton (TIPT) Mesonet observation. TILLMAN COUNTY --- 5.5 SW FREDERICK [34.33, -99.09] 20K 10/04/23 14:12 CST Thunderstorm Wind (EG 61 kt) 10/04/23 14:12 CST 0 Source: Emergency Manager Relayed image showing silo and machine shed damage at an agricultural facility. Time is radar estimated. GREER COUNTY --- 1.1 ENE BRINKMAN [35.02, -99.50] 10/04/23 14:15 CST 5K Thunderstorm Wind (EG 65 kt) 10/04/23 14:15 CST 0 Source: Public Social media image showing multiple power poles snapped along U.S. Highway 283. Time is radar estimated. TILLMAN COUNTY --- 2.3 SE TIPTON ARPT [34.44, -99.14] 10/04/23 14:15 CST 0 Thunderstorm Wind (MG 63 kt) 10/04/23 14:15 CST 0 Source: Mesonet Tipton (TIPT) Mesonet observation. TILLMAN COUNTY --- 2.5 NNE FREDERICK [34.42, -99.01] 10/04/23 14:22 CST 0 Thunderstorm Wind (EG 65 kt) 10/04/23 14:22 CST 0 Source: Broadcast Media Estimated wind gust.

COMANCHE COUNTY --- 2.9 E PUMPKIN CENTER [34.59, -98.16]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/04/23 14:23 CST		0	Hail (1.50 in)
	10/04/23 14:23 CST		0	Source: Law Enforcement
TILLMAN COUNTY HOLLISTER [34.34, -98	-			
	10/04/23 14:27 CST		0	Thunderstorm Wind (EG 70 kt)
	10/04/23 14:27 CST		0	Source: Trained Spotter
Relayed report. Estimated wind gust.				
CUSTER COUNTY 6.8 N WEATHERFORD [				
	10/04/23 14:29 CST		0	Hail (0.75 in)
	10/04/23 14:29 CST		0	Source: Public
MPing report.				
TILLMAN COUNTY 0.2 ESE FREDERICK [3			2014	Thursdaystays Wind (FO 70 ld)
	10/04/23 14:30 CST		30K	Thunderstorm Wind (EG 70 kt)
	10/04/23 14:30 CST		0	Source: Emergency Manager
Widespread wind damage occurred in the com Avenue, where a large (older) brick building ha numerous large trees/limbs snapped or blown	d its roof and exterior walls colla down and sporadic light roof da	apse. Additional da	amage included a la	
TILLMAN COUNTY 0.4 SSW FREDERICK A	IRPT [34.34, -98.98] 10/04/23 14:30 CST		0	Thunderstorm Wind (MG 56 kt)
	10/04/23 14:30 CST		0	Source: ASOS
Frederick Municipal Airport (KFDR) observation  FILLMAN COUNTY 1.9 SSW FREDERICK [:	34.36, -99.03]			
	10/04/23 14:30 CST		8K	Thunderstorm Wind (EG 65 kt)
	10/04/23 14:30 CST		0	Source: Emergency Manager
Multiple power poles blown down near the inte	rsection of U.S. Highway 183 ar	nd East 1830 Road	l. Time is radar esti	imated.
FILLMAN COUNTY 0.4 SSW FREDERICK A	• ' •			
	10/04/23 14:32 CST		0	Thunderstorm Wind (MG 70 kt)
	10/04/23 14:32 CST		0	Source: ASOS
Frederick Municipal Airport (KFDR) observation	1.			
TILLMAN COUNTY 0.4 SSW FREDERICK A				
	10/04/23 14:38 CST		0	Thunderstorm Wind (MG 74 kt)
	10/04/23 14:38 CST		0	Source: ASOS
Frederick Municipal Airport (KFDR) observation	1.			
TILLMAN COUNTY 0.4 SSW FREDERICK A				
	10/04/23 14:41 CST		0	Thunderstorm Wind (MG 65 kt)
	10/04/23 14:41 CST		0	Source: ASOS
Frederick Municipal Airport (KFDR) observation	1.			
COMANCHE COUNTY 2.8 W LAWTON [34.	61, -98.44], 3.0 WSW LAWTON	[34.59, -98.44], 1.3	3 SSE LAWTON [34	4.59, -98.38], 0.8 E LAWTON [34.61,
98.38]	10/04/23 15:00 CST		10K	Flash Flood (due to Heavy Rain)
	10/04/23 18:00 CST		0	Source: Emergency Manager
	10/04/23 10:00 031		U	Course. Emergency Manager

Social media image and relayed reports showing flooding in/around the city of Lawton. This included multiple vehicles stalled in floodwaters, mainly along Lee and Gore Boulevards. Time is estimated.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
STEPHENS COUNTY 4.6 S COMANC [34.35, -97.97]	HE [34.30, -97.97], 4.6 S COMANCHE	[34.30, -97.96], 1.	3 SSE COMANCH	E [34.35, -97.96], 1.3 S COMANCHE
-	10/04/23 15:00 CST		0	Flash Flood (due to Heavy Rain)
	10/04/23 18:00 CST		0	Source: Emergency Manager
Report of a car stalled in floodwaters alo	ng U.S. Highway 81 near the communit	y of Comanche.		
COMANCHE COUNTY 0.3 NNE LAW	• •			
	10/04/23 15:12 CST		0	Hail (0.75 in)
	10/04/23 15:12 CST		0	Source: Public
MPing report.				
COMANCHE COUNTY 1.3 SSE LAW				
	10/04/23 15:17 CST		0	Hail (0.75 in)
	10/04/23 15:17 CST		0	Source: Public
MPing report.				
MCCLAIN COUNTY 3.0 NNW NEWCA	ASTLE [35.29, -97.62]			
	10/04/23 15:27 CST		0	Hail (1.75 in)
	10/04/23 15:27 CST		0	Source: Broadcast Media
CLEVELAND COUNTY 2.7 SW MOOF				
	10/04/23 15:37 CST		0	Hail (0.75 in)
	10/04/23 15:37 CST		0	Source: Public
MPing report.				
CLEVELAND COUNTY 1.2 SW (OUN)	<del>-</del>	, -97.48]		
	10/04/23 15:43 CST		5K	Thunderstorm Wind (EG 52 kt)
	10/04/23 15:43 CST		0	Source: Public
Social media image showing a large tree (KOUN) AWOS.	blown over onto a car. Time is estimat	ed from radar an	d wind gust observ	ation at nearby Max Westheimer Airport
CLEVELAND COUNTY 0.5 S (OUN)N		97.47]		
	10/04/23 15:45 CST		0	Thunderstorm Wind (MG 52 kt)
	10/04/23 15:45 CST		0	Source: AWOS
Norman/Max Westheimer Airport (KOUN	) observation.			
CLEVELAND COUNTY 1.1 SSW (OUI	_	4, -97.48]	•	11.1(0.75)
	10/04/23 15:49 CST 10/04/23 15:49 CST		0	Hail (0.75 in)
	10/04/23 15:49 UST		0	Source: Public
MPing report.				
CLEVELAND COUNTY 6.1 W LAKE 1				
	10/04/23 15:57 CST		0	Hail (0.75 in)
	10/04/23 15:57 CST		0	Source: Public
MPing report.				
GARVIN COUNTY 0.3 WNW PAULS \	/ALLEY [34.74, -97.22], 0.1 S PAULS V	ALLEY [34.74, -9	7.22], 0.2 ENE PAL	JLS VALLEY [34.74, -97.22], 0.3 N
			EI/	Flesh Fleed (due to Heavy Pain)
PAULS VALLEY [34.74, -97.22]	10/04/22 16:00 007			
PAULS VALLEY [34.74, -97.22]	10/04/23 16:00 CST 10/04/23 19:00 CST		5K 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager

Time is estimated.

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Date/Time Deaths & **Event Type and Details** Location Property & Injuries Crop Dma CARTER COUNTY --- 0.3 NNE ARDMORE [34.17, -97.14], 0.3 SSE ARDMORE [34.17, -97.14], 0.8 ESE ARDMORE [34.17, -97.13], 0.9 ENE ARDMORE [34.17, -97.12] 10/04/23 16:30 CST 10K Flash Flood (due to Heavy Rain) 10/04/23 19:30 CST Source: Emergency Manager Report of several feet of water on roadways with multiple vehicles stalled in the city of Ardmore. Time is estimated. PONTOTOC COUNTY --- 0.6 WNW ADA [34.77, -96.69], 1.3 SSW ADA [34.75, -96.69], 2.0 SE ADA [34.75, -96.65], 1.6 E ADA [34.77, -96.65] 10/04/23 17:30 CST Flash Flood (due to Heavy Rain) 10/04/23 20:30 CST n Source: Trained Spotter Report of flash flooding across the southern portions of the city of Ada. Time is estimated. A high-amplitude upper trough swept across the Central and Southern Plains on the 4th. The southern branch/maxima of the upper jet provided sufficient synoptic lift that, combined with multiple surface fronts across the area (cold front approaching from northwest with stationary boundary along Red River) aided in widespread strong to severe thunderstorm development in areas along and south of the I-40 corridor. While much of the area remained north of the stationary front during the event, precluding surface-based storm hazards (i.e. wind/tor), strong deep-layer shear and elevated instability still promoted a hail concern with multiple thunderstorms. Early in the event, thunderstorm clusters developing in the warm sector (i.e. along/south of the stationary front) lead to significant wind damage/gusts across portions of southwest Oklahoma (primarily in Tillman County). By the mid to late evening, widespread heavy rainfall, including repeated rounds of heavy convection across southern Oklahoma, lead to reports of flash flooding across these areas. (OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z009) ELLIS, (OK-Z015) DEWEY 10/16/23 03:30 CST 0 Frost/Freeze 10/16/23 07:25 CST 0 The first freeze of the fall/winter season affected portions of far northwestern Oklahoma during the early morning of the 16th. (OK-Z008) KAY, (OK-Z013) NOBLE, (OK-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z027) GRADY, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z041) MURRAY, (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 0 10/17/23 06:00 CST Drought 10/31/23 05:59 CST 0 Areas of severe (or worse) drought expanded slightly across southern into south-central Oklahoma from the mid to late-month period. KAY COUNTY --- 0.5 SE (PNC)PONCA CITY ARPT [36.72, -97.09], 1.3 WSW PONCA CITY [36.70, -97.10], 0.8 ESE PONCA CITY [36.70, -97.07], 1.8 NNE PONCA CITY [36.72, -97.07] 10/24/23 13:30 CST 0 Flash Flood (due to Heavy Rain) 10/24/23 17:30 CST Source: Emergency Manager Widespread street flooding reported in the city of Ponca City. A portion of Business Highway 60 closed due to flooding. Time is estimated. KAY COUNTY --- 1.9 S KILDARE [36.78, -97.05], 2.0 S KILDARE [36.78, -97.05], 2.0 S KILDARE [36.78, -97.05], 1.9 S KILDARE [36.78, -97.05] 10/24/23 14:30 CST 0 Flash Flood (due to Heavy Rain) 10/24/23 17:30 CST 0 Source: Law Enforcement Relayed image showing flooding along East Tower Road, just east of the East Tower Road and North Pecan Road intersection. Time is estimated. COMANCHE COUNTY --- 2.1 ESE WICHITA MTNS NWR HQ [34.72, -98.67], 2.4 ESE WICHITA MTNS NWR HQ [34.71, -98.67], 3.0 SE WICHITA MTNS NWR HQ [34.70, -98.67], 3.5 ESE WICHITA MTNS NWR HQ [34.71, -98.66], 3.1 ESE WICHITA MTNS NWR HQ [34.72, -98.66], 2.7 ESE WICHITA MTNS NWR HQ [34.72, -98.66] 10/24/23 17:00 CST 0 Flood (due to Heavy Rain) 10/24/23 21:00 CST 0 Source: Public Social media image showing water overtopping the Burford Lake Dam, flooding portions of Panther Creek. Time is estimated. A corridor of heavy rainfall, centered from southwest into north-central Oklahoma, occurred from the morning into early evening of the

24th. Widespread one to nearly four-inch rainfall totals were observed/reported during the period, with the highest totals located across

far northern Oklahoma (Kay County). This resulted in sporadic occurrences of (flash) flooding.

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Location Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GARVIN COUNTY 4.9 SSW WYNNEWOOD [34.58, -97.21]			
10/25/23 15:58 CST		0	Tornado (EF0, L: 0.30 mi , W: 20 yd)
10/25/23 15:58 CST		0	Source: Public
Motorists along Interstate 35 observed and took video of a weak tornado just roouth-southwest of Wynnewood.	north of the Intersta	te 35/Ruppe Road	interchange about 5 miles
POTTAWATOMIE COUNTY 3.4 SE JOHNSON [35.38, -96.79], 3.5 ESE JOHNSON [35.38, -96.79]	INSON [35.39, -96.	=	T
10/25/23 17:30 CST		0	Tornado (EF0, L: 0.50 mi , W: 20 yd)
10/25/23 17:31 CST		0	Source: NWS Storm Survey
An otherwise weak line of thunderstorms produced a brief tornado observed by observed were to branches that had previously been cut and collected on the sup and blown northeast.		-	
A weak shortwave trough lifted from northern Mexico into west Texas on the vind shear, only weak instability was present across the region (owing to vapusi-linear convective system (QLCS) developed and swept across portionally evening. Localized pockets of low-level instability yielded sufficient cacross these areas.	widespread rain sl ons of south-centra	nowers/clouds). Do al into east-centra	espite this, a weak I Oklahoma during the
MILLS, (OK-Z016) CUSTER, (OK-Z017) BLAINE, (OK-Z018) KINGFISHER, (O WASHITA, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-Z025) OKLAHOM (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE (OK-Z042) PONTOTOC, (OK-Z043) COAL, (OK-Z044) COTTON, (OK-Z045) JE ATOKA, (OK-Z050) LOVE, (OK-Z051) MARSHALL, (OK-Z052) BRYAN 10/29/23 20:20 CST	IA, (OK-Z026) LINC E, (OK-Z032) HUGH F, (OK-Z039) STEPH	COLN, (OK-Z027) ( IES, (OK-Z033) HA IENS, (OK-Z040) (	GRADY, (OK-Z028) MCCLAIN, .RMON, (OK-Z034) GREER, (OK-Z035) GARVIN, (OK-Z041) MURRAY,
10/31/23 08:25 CST		0	11030110020
s a 1030s millibar high pressure cell settled across the Colorado Front Ra	ange a cold airma	ss (with Canadian	
Central and Southern Plains. The first freeze of the fall/winter season was a southern Oklahoma during predawn hours of the 30th and/or 31st.  (OK-Z008) KAY, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA 10/31/23 06:00 CST	noted for most loc	ations across nor	thern, central, and
As a 1030s millibar high pressure cell settled across the Colorado Front Ra Central and Southern Plains. The first freeze of the fall/winter season was a southern Oklahoma during predawn hours of the 30th and/or 31st.  (OK-Z008) KAY, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA 10/31/23 06:00 CST 10/31/23 23:59 CST  Areas of heavy rainfall, generally in the one to four-inch range, fell during the	noted for most loc	SON, (OK-Z037) TI	LLMAN, (OK-Z043) COAL Drought
Central and Southern Plains. The first freeze of the fall/winter season was a southern Oklahoma during predawn hours of the 30th and/or 31st.  (OK-Z008) KAY, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA 10/31/23 06:00 CST 10/31/23 23:59 CST	noted for most loc , (OK-Z036) JACK	SON, (OK-Z037) TI  0  0  od. This helped to	LLMAN, (OK-Z043) COAL Drought
Central and Southern Plains. The first freeze of the fall/winter season was a southern Oklahoma during predawn hours of the 30th and/or 31st.  (OK-Z008) KAY, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA  10/31/23 06:00 CST  10/31/23 23:59 CST  Areas of heavy rainfall, generally in the one to four-inch range, fell during the across portions of the region. However, some drought areas persisted across portions.	noted for most loc , (OK-Z036) JACK the late month per oss southern Okla	SON, (OK-Z037) TI  0  0  od. This helped to	LLMAN, (OK-Z043) COAL  Drought  o relieve severe drought
Central and Southern Plains. The first freeze of the fall/winter season was a southern Oklahoma during predawn hours of the 30th and/or 31st.  OK-Z008) KAY, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA  10/31/23 06:00 CST  10/31/23 23:59 CST  Areas of heavy rainfall, generally in the one to four-inch range, fell during the across portions of the region. However, some drought areas persisted across portions.	noted for most loc , (OK-Z036) JACK the late month per oss southern Okla	SON, (OK-Z037) TI  0  0  od. This helped to	LLMAN, (OK-Z043) COAL  Drought  o relieve severe drought
Central and Southern Plains. The first freeze of the fall/winter season was a southern Oklahoma during predawn hours of the 30th and/or 31st.  OK-Z008) KAY, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA  10/31/23 06:00 CST  10/31/23 23:59 CST  Areas of heavy rainfall, generally in the one to four-inch range, fell during the cross portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region.	noted for most loc , (OK-Z036) JACK the late month per oss southern Okla	SON, (OK-Z037) TI 0 0 od. This helped to	LLMAN, (OK-Z043) COAL Drought  o relieve severe drought  (-Z090) CLAY
Central and Southern Plains. The first freeze of the fall/winter season was a southern Oklahoma during predawn hours of the 30th and/or 31st.  (OK-Z008) KAY, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA  10/31/23 06:00 CST  10/31/23 23:59 CST  Areas of heavy rainfall, generally in the one to four-inch range, fell during the across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across portions of the region.	noted for most loc , (OK-Z036) JACKs the late month per oss southern Okla	OSS) ARCHER, (TX	LLMAN, (OK-Z043) COAL Drought  o relieve severe drought  (-Z090) CLAY
Central and Southern Plains. The first freeze of the fall/winter season was a southern Oklahoma during predawn hours of the 30th and/or 31st.  (OK-Z008) KAY, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA 10/31/23 06:00 CST 10/31/23 23:59 CST  Areas of heavy rainfall, generally in the one to four-inch range, fell during the across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across 10/01/23 00:00 CST 10/31/23 05:59 CST  Severe to extreme drought persisted across the Red River Valley throughor HARDEMAN COUNTY 4.7 SE QUANAH [34.26, -99.67]	noted for most loc , (OK-Z036) JACKs the late month per oss southern Okla	ations across nor	LLMAN, (OK-Z043) COAL Drought  prelieve severe drought  C-Z090) CLAY Drought
Central and Southern Plains. The first freeze of the fall/winter season was a southern Oklahoma during predawn hours of the 30th and/or 31st.  (OK-Z008) KAY, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA 10/31/23 06:00 CST 10/31/23 23:59 CST  Areas of heavy rainfall, generally in the one to four-inch range, fell during the across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across 10/01/23 00:00 CST 10/31/23 05:59 CST  Severe to extreme drought persisted across the Red River Valley throughod HARDEMAN COUNTY 4.7 SE QUANAH [34.26, -99.67] 10/04/23 13:33 CST	noted for most loc , (OK-Z036) JACKs the late month per oss southern Okla	od. This helped to homa.	LLMAN, (OK-Z043) COAL Drought  prelieve severe drought  C-Z090) CLAY Drought  Hail (1.00 in)
Central and Southern Plains. The first freeze of the fall/winter season was a southern Oklahoma during predawn hours of the 30th and/or 31st.  (OK-Z008) KAY, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA 10/31/23 06:00 CST 10/31/23 23:59 CST  Areas of heavy rainfall, generally in the one to four-inch range, fell during the across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across 10/01/23 00:00 CST 10/31/23 05:59 CST  Severe to extreme drought persisted across the Red River Valley throughor HARDEMAN COUNTY 4.7 SE QUANAH [34.26, -99.67]	noted for most loc , (OK-Z036) JACKs the late month per oss southern Okla	ations across nor	LLMAN, (OK-Z043) COAL Drought  prelieve severe drought  C-Z090) CLAY Drought
Central and Southern Plains. The first freeze of the fall/winter season was a southern Oklahoma during predawn hours of the 30th and/or 31st.  (OK-Z008) KAY, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA 10/31/23 06:00 CST 10/31/23 23:59 CST  Areas of heavy rainfall, generally in the one to four-inch range, fell during the across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across 10/01/23 00:00 CST 10/31/23 05:59 CST  Severe to extreme drought persisted across the Red River Valley througho HARDEMAN COUNTY 4.7 SE QUANAH [34.26, -99.67] 10/04/23 13:33 CST 10/04/23 13:33 CST	noted for most loc , (OK-Z036) JACKs the late month per oss southern Okla	SON, (OK-Z037) TI  0 0 od. This helped to homa.  089) ARCHER, (TX 0 0 nth.	LLMAN, (OK-Z043) COAL Drought  prelieve severe drought  C-Z090) CLAY Drought  Hail (1.00 in)
Central and Southern Plains. The first freeze of the fall/winter season was a southern Oklahoma during predawn hours of the 30th and/or 31st.  OK-Z008) KAY, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA  10/31/23 06:00 CST  10/31/23 23:59 CST  Areas of heavy rainfall, generally in the one to four-inch range, fell during the across portions of the region. However, some drought areas persisted across portions of the region. However, some drought areas persisted across 10/01/23 00:00 CST  10/01/23 00:00 CST  10/31/23 05:59 CST  Severe to extreme drought persisted across the Red River Valley throughod HARDEMAN COUNTY 4.7 SE QUANAH [34.26, -99.67]  10/04/23 13:33 CST	noted for most loc , (OK-Z036) JACKs the late month per oss southern Okla	SON, (OK-Z037) TI  0 0 od. This helped to homa.  089) ARCHER, (TX 0 0 nth.	LLMAN, (OK-Z043) COAL Drought  prelieve severe drought  C-Z090) CLAY Drought  Hail (1.00 in)

Odell (ODEL) Mesonet observation.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FOARD COUNTY CROWELL [33.98,	-99.72]			
	10/04/23 14:45 CST		0	Hail (1.50 in)
	10/04/23 14:45 CST		0	Source: Storm Chaser
OARD COUNTY THALIA [33.98, -99	9.54]			
	10/04/23 15:00 CST		0	Hail (1.25 in)
	10/04/23 15:00 CST		0	Source: Storm Chaser
Social media video.				
VICHITA COUNTY 5.8 SSE PLEASA	• •			
	10/04/23 16:10 CST		0	Thunderstorm Wind (MG 50 kt)
	10/04/23 16:10 CST		0	Source: Trained Spotter
AYLOR COUNTY 0.7 WNW SEYMO	DUR [33.59, -99.27]			
	10/04/23 16:58 CST		0	Hail (1.00 in)
	10/04/23 16:58 CST		0	Source: Public
MPing report.				
A high-amplitude trough swept across provided sufficient synoptic lift that, c stationary boundary along Red River) Strong deep-layer shear and elevated clusters developing in the warm secto	ombined with multiple surface fronts aided in widespread strong to severe instability promoted a hail concern w	across the area (on the thinderstorm described in the thinderstorm	cold front approac velopment across erstorms. Early in	ching from northwest with western-north Texas. the event, thunderstorm
TX-Z085) WILBARGER, (TX-Z086) WIC	CHITA, (TX-Z089) ARCHER, (TX-Z090) 10/31/23 02:55 CST	CLAY	0	Frost/Freeze
	10/31/23 07:35 CST		0	11000110020
As a 1030s millibar high pressure cell Central and Southern Plains. The first predawn hours of the 31st.		• .	•	· , .
(TX-Z083) HARDEMAN, (TX-Z085) WIL	, , , , , , , , , , , , , , , , , , , ,	90) CLAY		
	10/31/23 06:00 CST		0	Drought

0

Heavy rains during the late month period helped to lower (or eliminate) severe or worse drought areas across western-north Texas.

10/31/23 23:59 CST

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