Storm Data and Unusual Weather Phenomena - November 2023							
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details			
OKLAHOMA, Western, Cen	tral and Southeast						
(OK-Z008) KAY, (OK-Z033) HARMO ATOKA	DN, (OK-Z034) GREER, (OK-Z035) KIOWA	, (OK-Z036) JACKS	SON, (OK-Z037) TI	LLMAN, (OK-Z043) COAL, (OK-Z048)			
AIOKA	11/01/23 00:00 CST		0	Drought			
	11/30/23 23:59 CST		0				
areas of severe to extreme drough	ecipitation occurred in areas generally al nt to persist, mainly across southwestern ed ease prolonged drought conditions ac	Oklahoma. Acros					
JOHNSTON COUNTY 2.1 SW M	ILBURN [34.22, -96.57]						
	11/20/23 03:10 CST		0	Hail (0.75 in)			
	11/20/23 03:10 CST		0	Source: Public			
the late evening of the 19th. Despi temperatures aloft) aided in suffic impacted portions of Johnston Co	nbedded within a slowly advancing longuite remaining stability within the boundar ient elevated instability for a few hail probunty during the early morning of the 20th OODS, (OK-Z006) ALFALFA, (OK-Z007) Gi 11/25/23 04:30 CST 11/25/23 23:30 CST	y layer, mid-level v ducing thundersto n.	warm advection (a rms across Oklah	nd continued cold/cooling oma. Once such storm			
mesoscale (frontogenetical) ascer morning hours across northweste eventual transition to all snow occ	dvanced across the Great Divide on the 2 nt occurred throughout the day across th ern Oklahoma. Initial precipitation types w curred in tandem with cooling mid/upper- oon into evening across northwestern Ok	e region, with wide vere mixed, with a level temperatures	espread precipitat combination of sl	ion areas ongoing by the eet/snow/rain, though			
(OK-Z025) OKLAHOMA							
	11/26/23 00:00 CST		1.50M	Winter Weather			
of the 26th. With temperatures fall fatal vehicle incident, involving 22	11/26/23 10:00 CST riod of a wintry mix/rain-snow, impacted ling below freezing during the period, iso vehicles, occurred along Interstate 40 nd	lated slick spots d	eveloped on road				
TEXAS, Western North							

(TX-Z083) HARDEMAN, (TX-Z085) WILBARGER, (TX-Z086) WICHITA						
	11/01/23 00:00 CST	0	Drought			
	11/30/23 23:59 CST	0				

Near to slightly below normal precipitation (for November) allowed areas of severe drought to persist across the Red River Valley of western-north Texas.

WICHITA COUNTY ELECTRA [34.03, -98.92]								
	11/19/23 09:40 CST	0	Hail (1.00 in)					
	11/19/23 09:40 CST	0	Source: Public					

Social media image showing nickel to quarter size hail. Time is radar estimated.

Increasing isentropic ascent, in advance of an approaching (low amplitude) shortwave trough, elicited widespread (mainly shallow) convection from the morning into early afternoon of the 19th. Cold temperatures aloft (<-20C) promoted steep lapse rates and weak elevated instability. Combined with sufficient deep-layer wind shear, brief storm organization occurred with a few thunderstorms across western-north Texas, with one leading to a report of severe-criteria hail.