

Storm Data and Unusual Weather Phenomena - December 2017

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

ARKANSAS, Northwest

(AR-Z002) CARROLL, (AR-Z010) WASHINGTON, (AR-Z011) MADISON, (AR-Z019) CRAWFORD, (AR-Z020) FRANKLIN, (AR-Z029) SEBASTIAN

12/01/17 00:00 CST	0	Drought
12/31/17 23:59 CST	0	

Unusually dry conditions persisted through December 2017 across much of northwestern Arkansas, with the exception of portions of Sebastian and Franklin Counties that received near normal precipitation for the month. The remainder of northwestern Arkansas received between 50 and 75 percent of the average monthly rainfall for the area. These dry conditions, which followed several months of below normal precipitation, allowed severe drought (D2) conditions to persist across much of northwest Arkansas. Monetary damage estimates resulting from the drought were not available.

SEBASTIAN COUNTY --- 1.6 SW MANSFIELD [35.05, -94.25]

12/04/17 18:45 CST	15K	Thunderstorm Wind (EG 61 kt)
12/04/17 18:45 CST	0	Source: Fire Department/Rescue

Strong thunderstorm wind damaged the roof of a home and destroyed a metal barn.

Strong to severe thunderstorms developed over eastern Oklahoma during the afternoon of the 4th as a cold front moved into the area. These storms moved into northwestern Arkansas during the early evening. The strongest storms produced damaging wind gusts.

(AR-Z029) SEBASTIAN

12/31/17 10:30 CST	1	0	Extreme Cold/Wind Chill
12/31/17 10:30 CST		0	

Direct Fatalities: M48OU

A strong cold front moved through eastern Oklahoma and western Arkansas on the 30th. An arctic air mass spread southward into the region behind the front through the 31st. Temperatures in west central Arkansas were in the mid 20s during the morning hours of the 31st. This cold air combined with northerly wind of 10 to 15 mph resulted in wind chill values around 10 degrees. A 48 year old man was found dead outside a business in Fort Smith during the morning of the 31st. The medical examiner's office ruled that this death was due to extreme hypothermia due to exposure to the elements.

OKLAHOMA, Eastern

(OK-Z049) PUSHMATAHA, (OK-Z053) CHOCTAW, (OK-Z065) OKFUSKEE, (OK-Z066) OKMULGEE, (OK-Z068) CHEROKEE, (OK-Z069) ADAIR, (OK-Z070) MUSKOGEE, (OK-Z071) MCINTOSH, (OK-Z072) SEQUOYAH, (OK-Z073) PITTSBURG, (OK-Z074) HASKELL, (OK-Z075) LATIMER, (OK-Z076) LE FLORE

12/01/17 00:00 CST	0	Drought
12/31/17 23:59 CST	0	

Unusually dry conditions persisted through December 2017 across much of eastern Oklahoma, with the exception of portions of southeastern Oklahoma. Much of east central and northeastern Oklahoma received less than 50 percent of the average monthly rainfall for the area. These very dry conditions allowed severe drought (D2) conditions to expand across much of east central and southeastern Oklahoma. Monetary damage estimates resulting from the drought were not available.

PITTSBURG COUNTY --- MC ALESTER [34.93, -95.77]

12/04/17 16:30 CST	0	Thunderstorm Wind (EG 65 kt)
12/04/17 16:30 CST	0	Source: Broadcast Media

Strong thunderstorm wind blew down a tree in town.

MUSKOGEE COUNTY --- 0.8 SSW WEBBERS FALLS SHEFFI [35.49, -95.12]

12/04/17 16:55 CST	0	Thunderstorm Wind (MG 50 kt)
12/04/17 16:55 CST	0	Source: Mesonet

The Oklahoma Mesonet station south of Webbers Falls measured 58 mph thunderstorm wind gusts.

SEQUOYAH COUNTY --- VIAN [35.50, -94.97]

Storm Data and Unusual Weather Phenomena - December 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/04/17 17:13 CST		5K	Hail (1.25 in)
	12/04/17 17:13 CST		0	Source: Law Enforcement

SEQUOYAH COUNTY --- BRUSHY [35.55, -94.72]

	12/04/17 17:32 CST		5K	Hail (1.50 in)
	12/04/17 17:32 CST		0	Source: Law Enforcement

Strong to severe thunderstorms developed over eastern Oklahoma during the afternoon of the 4th as a cold front moved into the area. The strongest storms produced large hail up to ping pong ball size and damaging wind gusts.