Storm Data and Unusual Weather Phenomena - February 2021

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

ARKANSAS, Northwest

(AR-Z001) BENTON, (AR-Z002) CARROLL, (AR-Z010) WASHINGTON, (AR-Z011) MADISON, (AR-Z019) CRAWFORD, (AR-Z020) FRANKLIN, (AR-Z029) SEBASTIAN

	02/14/21 07:00 CST	0	Winter Storm
	02/15/21 12:00 CST	0	

Arctic air had spread into eastern Oklahoma and northwestern Arkansas on the 8th, and gradually deepened across the region. Precipitation began as freezing drizzle across the area on the 8th, with ice accumulation up to .25 of an inch reported in some areas as the freezing drizzle persisted for 24 to 48 hours. As the cold air deepened, the freezing drizzle became periods of snow flurries and light snow. This was especially true in areas downwind of some of the lakes in northwestern Arkansas. Lake effect snow produced up to an inch of accumulation in some areas, a rare occurrence indeed for this region.

A strong storm system translated into the Southern Plains from the Southern Rockies on the 14th and 15th. Heavy snow began across the area with the approach of the main storm system during the early morning hours of the 14th. Several rounds of widespread heavy snow produced four to eight inches of accumulation, as the snow continued into the early afternoon hours of the 15th in some areas as the storm system moved away from the region. In northwestern Arkansas, the heaviest snow fell across portions of Franklin, Washington, Crawford, and Madison Counties.

In addition to the heavy snow, much of northwestern Arkansas experienced excessively cold wind chill from the 14th through the 16th. Temperatures fell below zero across much of the area on 15th and 16th, and wind chill values were as low as -20 to -25 degrees.

(AR-Z001) BENTON, (AR-Z019) CRAWFORD

	02/16/21 21:00 CST	0	Winter Storm
	02/17/21 15:00 CST	0	

A strong storm system translated along a similar path to the winter storm that impacted the area on February 14th and 15th. It moved into the Southern Plains from the Southern Rockies on the 16th. Precipitation developed across portions of eastern Oklahoma during the early evening of the 16th, and became widespread across the region during the evening and overnight. Due to the deep arctic air that remained entrenched across the region, the precipitation fell as snow. A general two to four inch snowfall occurred across much of northwestern Arkansas. A band of snow persisted across far northwestern Arkansas into the morning hours of the 17th, and snow persisted across portions of west central Arkansas into the afternoon of the 17th.

OKLAHOMA, Eastern

(OK-Z049) PUSHMATAHA, (OK-Z053) CHOCTAW, (OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z056) NOWATA, (OK-Z057) CRAIG, (OK-Z058) OTTAWA, (OK-Z059) PAWNEE, (OK-Z060) TULSA, (OK-Z061) ROGERS, (OK-Z062) MAYES, (OK-Z063) DELAWARE, (OK-Z064) CREEK, (OK-Z065) OKFUSKEE, (OK-Z066) OKMULGEE, (OK-Z067) WAGONER, (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

	02/14/21 02:00 CST	0	Winter Storm
	02/15/21 12:00 CST	0	

Arctic air had spread into eastern Oklahoma and northwestern Arkansas on the 8th, and gradually deepened across the region. Precipitation began as freezing drizzle across the area on the 8th, with ice accumulation up to .25 of an inch reported in some areas, as the freezing drizzle persisted for 24 to 48 hours. As the cold air deepened, the freezing drizzle became periods of snow flurries and light snow. This was especially true in areas downwind of some of the lakes in northeastern Oklahoma. Lake effect snow produced up to 1.5 inch accumulations in some areas, a rare occurrence indeed for this region.

A strong storm system translated into the Southern Plains from the Southern Rockies on the 14th and 15th. Heavy snow began across the area with the approach of the main storm system during the early morning hours of the 14th. Several rounds of widespread heavy snow produced four to eight inches of accumulation, as the snow continued into the early afternoon hours of the 15th in some areas as the storm system moved away from the region. The heaviest snow fell in a swath along and south of I-44, and north of I-40, across portions of Okfuskee, Creek, Okmulgee, Tulsa, Wagoner, Rogers, Mayes, Cherokee, and Delaware Counties.

In addition to the heavy snow, much of eastern Oklahoma experienced excessively cold wind chill from the 14th through the 16th. Temperatures fell below zero across the area on 15th and 16th, and wind chill values were as low as -20 to -30 degrees.

(OK-Z049) PUSHMATAHA, (OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z056) NOWATA, (OK-Z057) CRAIG, (OK-Z058) OTTAWA, (OK-Z059) PAWNEE, (OK-Z060) TULSA, (OK-Z061) ROGERS, (OK-Z062) MAYES, (OK-Z063) DELAWARE, (OK-Z064) CREEK, (OK-Z065) OKFUSKEE, (OK-Z066) OKMULGEE, (OK-Z067) WAGONER, (OK-Z068) CHEROKEE, (OK-Z073) PITTSBURG

Storm Data and Unusual Weather Phenomena - February 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/16/21 18:00 CST		0	Winter Storm
	02/17/21 15:00 CST		0	

A strong storm system translated along a similar path to the winter storm that impacted the area on February 14th and 15th. It moved into the Southern Plains from the Southern Rockies on the 16th. Precipitation developed across portions of eastern Oklahoma during the early evening of the 16th, and became widespread across the region during the evening and overnight. Due to the deep arctic air that remained entrenched across the region, the precipitation fell as snow. A general three to five inch snowfall occurred across much of eastern Oklahoma. A band of snow persisted across northeastern Oklahoma into the morning hours of the 17th, and snow persisted across far southeastern Oklahoma into the afternoon of the 17th.

CHOCTAW COUNTY --- BOSWELL [34.03, -95.87]

02/28/21 10:44 CST	0		Hail (1.00 in)
02/28/21 10:44 CST	0		Source: Public

CHOCTAW COUNTY --- SOPER [34.03, -95.70]

02/28/21 11:45 CST	0		Hail (1.00 in)
02/28/21 11:45 CST	0		Source: Public

Scattered thunderstorms developed across northern Texas and southeastern Oklahoma during the morning of the 28th, as a cold front moved through the region. The strongest storms produced hail up to quarter size.