

Storm Data and Unusual Weather Phenomena - February 2015

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

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

02/15/15 18:00 CST	0	Winter Storm
02/16/15 10:00 CST	0	

An arctic cold front moved through northwestern Arkansas late on the 14th and early on the 15th. A strong upper level disturbance moved into the Southern Plains late on the 15th, resulting in widespread precipitation developing across the region as warm and moist air was lifted over the low level cold air.

A brief period of light rain quickly changed to freezing rain and sleet over much of northwestern Arkansas. Some convection embedded in the precipitation resulted in rapid accumulations of sleet over a light accumulation of glaze. Some areas received between half an inch and an inch of sleet before precipitation changed over to snow during the early morning hours of the 16th. Much of the region received between three and six inches of sleet and snow.

The rain gradually changed over to sleet over west central Arkansas during the late evening of the 15th. Sleet accumulations across this region were also in the half inch to nearly two inch amounts, with some embedded convection responsible for rapid accumulations.

(AR-Z029) SEBASTIAN

02/23/15 16:00 CST	0	Winter Storm
02/23/15 23:30 CST	0	

An upper level disturbance moved through the Southern Plains on the 23rd, resulting in widespread precipitation development. Arctic air had already settled into the area, which supported a widespread snowfall. Some portions of west central Arkansas received between four and five inches of snow during the event.

(AR-Z001) BENTON, (AR-Z010) WASHINGTON

02/27/15 14:00 CST	0	Winter Storm
02/28/15 17:00 CST	0	

A series of upper level disturbances moved through the Southern Plains on the 27th and 28th, ahead of a strong low pressure system located over the southwestern United States. Arctic air was already in place ahead of these disturbances, resulting in widespread snow across the region. A swath of snow in the four to five inch category occurred across far northwestern Arkansas.

OKLAHOMA, Eastern

(OK-Z054) OSAGE, (OK-Z059) PAWNEE, (OK-Z060) TULSA, (OK-Z064) CREEK

02/01/15 00:00 CST	0	Drought
02/28/15 23:59 CST	0	

All of eastern Oklahoma experienced below normal precipitation during the month of February, despite several winter storms in the latter half of the month. A large portion of east central Oklahoma received below 25 percent of normal precipitation and most of northeastern Oklahoma received below 50 percent of normal values. As a result, severe drought (D2) conditions continued across portions of Pawnee, Osage, Creek, and Tulsa Counties during February. Monetary damage estimates resulting from the drought were not available.

(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

02/15/15 18:00 CST	0	Winter Storm
02/16/15 12:00 CST	0	

An arctic cold front moved through eastern Oklahoma late on the 14th and early on the 15th. A strong upper level disturbance moved into the Southern Plains late on the 15th, resulting in widespread precipitation developing across the region as warm and moist air was lifted over the low level cold air.

A brief period of light rain quickly changed to freezing rain and sleet over much of northeastern Oklahoma. Some convection embedded in the precipitation resulted in rapid accumulations of sleet over a light accumulation of glaze. Some areas received between half an inch

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and an inch of sleet before precipitation changed over to snow during the early morning hours of the 16th. Much of the region received between three and six inches of sleet and snow.

The rain gradually changed over to sleet over east central and southeastern Oklahoma during the late evening of the 15th. Sleet accumulations across this region were also in the half inch to nearly two inch amounts, with some embedded convection responsible for rapid accumulations.

(OK-Z066) OKMULGEE, (OK-Z070) MUSKOGEE, (OK-Z073) PITTSBURG, (OK-Z074) HASKELL, (OK-Z075) LATIMER, (OK-Z076) LE FLORE	02/23/15 15:00 CST	0	0	Winter Storm
	02/23/15 23:45 CST	0	0	

An upper level disturbance moved through the Southern Plains on the 23rd, resulting in widespread precipitation development. Arctic air had already settled into the area, which supported a widespread snowfall. Some portions of east central Oklahoma received between four and five inches of snow during the event.

(OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z059) PAWNEE, (OK-Z061) ROGERS, (OK-Z073) PITTSBURG, (OK-Z075) LATIMER, (OK-Z076) LE FLORE	02/27/15 11:00 CST	0	0	Winter Storm
	02/28/15 17:00 CST	0	0	

A series of upper level disturbances moved through the Southern Plains on the 27th and 28th, ahead of a strong low pressure system located over the southwestern United States. Arctic air was already in place ahead of these disturbances, resulting in widespread snow across the region. A swath of snow in the four to five inch category occurred across northeastern Oklahoma and another occurred across portions of southeastern Oklahoma.