

Storm Data and Unusual Weather Phenomena - September 2011

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-Z029) SEBASTIAN	09/01/11 00:00 CST	0	Drought
	09/30/11 23:59 CST	0	

A persistent subtropical ridge of high pressure continued to dominate the weather across the south central United States during September, resulting in prolonged hot and dry weather across the region. Most of northwestern Arkansas received below normal precipitation for the month. West-central Arkansas received as little as 10 to 50 percent of the normal average precipitation for the month. As a result, severe drought conditions continued across this region during September. Monetary damage estimates resulting from the drought were not available.

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	09/01/11 00:00 CST	0	Drought
	09/30/11 23:59 CST	0	

A persistent subtropical ridge of high pressure continued to dominate the weather across the south central United States during September, resulting in prolonged hot and dry weather across the region. Most of eastern Oklahoma received below normal precipitation for the month. Large areas of Choctaw and Pushmataha Counties in the southeastern portion of the state received as little as 5 to 25 percent of the normal average precipitation for the month. As a result, exceptional drought conditions continued across Okfuskee, Creek, and Pawnee Counties and developed across Choctaw County. Extreme drought conditions persisted across much of the remainder of southeastern Oklahoma while severe drought conditions continued across the northeastern portion of the state during September. Monetary damage estimates resulting from the drought were not available.

(OK-Z069) ADAIR

09/04/11 12:00 CST	0	Wildfire
09/04/11 20:00 CST	0	

Very dry, hot, and breezy conditions, along with extremely dry fuels as a result of the long-term drought the region has experienced, promoted the rapid spread of a wildfire in southern Adair County on the 4th. This fire burned about 400 acres before being extinguished by multiple fire departments and Oklahoma Forestry Services units.

(OK-Z049) PUSHMATAHA

09/04/11 12:00 CST	0	Wildfire
09/05/11 20:00 CST	0	

Very dry, hot, and breezy conditions, along with extremely dry fuels as a result of the long-term drought the region has experienced, promoted the rapid spread of a wildfire that started northeast of Sobol in Pushmataha County on the 4th and burned into the 5th. Oklahoma Forestry units, several local fire departments, several timber companies, and the Oklahoma Army National Guard fought this wildfire, which consumed more than 2100 acres in high-value pine plantations that were owned by multiple timber companies. Monetary damage estimates to these pine plantations were not available.

(OK-Z070) MUSKOGEE

09/10/11 10:00 CST	0	Wildfire
09/14/11 20:00 CST	0	

Very dry, hot, and breezy conditions, along with extremely dry fuels as a result of the long-term drought the region has experienced, promoted the rapid spread of a wildfire that was started by a military tracer round during a training exercise near Camp Gruber in Muskogee County on the 10th. Oklahoma Forestry Services, local fire departments, Camp Gruber personnel, and Oklahoma Army National Guard fought this fire, which consumed about 4000 acres before it was contained on the 14th.

(OK-Z076) LE FLORE

09/12/11 12:00 CST	0	Wildfire
09/12/11 21:00 CST	0	

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Very dry, hot, and breezy conditions, along with extremely dry fuels as a result of the long-term drought the region has experienced, promoted the rapid spread of wildfires around Ludlow in southwestern Le Flore County on the 12th. At least two major wildfires burned around 800 acres in high-value pine plantations. Oklahoma Forestry Services, local fire departments, and Choctaw Nation fought the fire. Monetary damage estimates to these pine plantations were not available.

OSAGE COUNTY --- BURBANK [36.70, -96.72]

09/17/11 18:52 CST	20K	Hail (1.75 in)
09/17/11 18:52 CST	0	Source: Public

OSAGE COUNTY --- WYNONA [36.55, -96.33]

09/17/11 19:40 CST	0	Hail (0.88 in)
09/17/11 19:40 CST	0	Source: Amateur Radio

Severe thunderstorms developed over north central Oklahoma ahead of a low pressure trough and along a warm frontal boundary that extended southeastward into the region from an area of low pressure over eastern Colorado. These storms evolved into a line as they moved into eastern Oklahoma. A few of the stronger cells within the line produced large hail.