

## Storm Data and Unusual Weather Phenomena - December 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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**OKLAHOMA, Eastern**

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<b>WASHINGTON COUNTY --- 1.1 SW COPAN [36.89, -95.94]</b>				
	12/28/19 14:28 CST		5K	Thunderstorm Wind (EG 61 kt)
	12/28/19 14:28 CST		0	Source: Broadcast Media

Strong thunderstorm wind snapped several power poles along Highway 10.

<b>CREEK COUNTY --- 0.9 ESE KIEFER [35.94, -96.06]</b>				
	12/28/19 15:09 CST		5K	Thunderstorm Wind (EG 61 kt)
	12/28/19 15:09 CST		0	Source: Public

Strong thunderstorm wind snapped large tree limbs, and blew down a portion of a privacy fence, with several vertical support posts pulled out of the ground.

<b>TULSA COUNTY --- 2.8 SSE BROKEN ARROW [36.01, -95.76], 2.7 SSE BROKEN ARROW [36.01, -95.76]</b>				
	12/28/19 15:30 CST		2K	Tornado (EF0, L: 0.20 mi , W: 120 yd)
	12/28/19 15:31 CST		0	Source: NWS Storm Survey

This is the first segment of a two-segment tornado. This tornado developed over an open area west of County Line Road and south of E 101st Street S. It moved northeast and crossed the Wagoner County Line, where it pushed over power poles. Based on this damage, maximum estimated wind in this segment of the tornado was 80 to 85 mph.

<b>WAGONER COUNTY --- 2.4 W ONETA [36.01, -95.76], 1.5 W ONETA [36.02, -95.75]</b>				
	12/28/19 15:31 CST		40K	Tornado (EF0, L: 1.00 mi , W: 160 yd)
	12/28/19 15:32 CST		0	Source: NWS Storm Survey

This is the second segment of a two-segment tornado. This tornado crossed into Wagoner County where a portion of the roof of a home was uplifted, and many shingles were removed from the roof of another nearby home. Large tree limbs were snapped from the county line, across neighborhoods, on the south side of the Jack Graves Scout Reservation, to where it dissipated north of the NSU Broken Arrow campus. Based on this damage, maximum estimated wind in this segment of the tornado was 80 to 85 mph.

**Broken lines of thunderstorms developed and moved through eastern Oklahoma during the afternoon and early evening of the 28th, as a cold front and strong upper level storm system approached the Southern Plains from the west. Although instability was weak, very strong low level wind shear was more than enough to support the development of low level rotation in a couple of the stronger convective lines as they moved through eastern Oklahoma. One such line produced a weak tornado in Broken Arrow. Other strong storms produced damaging wind.**