

Storm Data and Unusual Weather Phenomena - February 2007

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

ARKANSAS, Northwest

MADISON COUNTY

PETTIGREW	02/24/07 11:06 CST	0	0	Hail (0.75 in)
	02/24/07 11:06 CST	0	0	35.82N, 93.65W

A narrow, moist axis developed over western Arkansas ahead of a strong dry line that moved into the area during the day. Thunderstorms developed along and ahead of the dry line but due to limited instability, severe weather was isolated with the storms.

OKLAHOMA, Eastern

HASKELL COUNTY

3 W ENTERPRISE	02/24/07 08:40 CST	0	5K	Thunderstorm Wind (EG 52 kt)
	02/24/07 08:40 CST	0	0	35.22N, 95.4331W

Thunderstorm winds estimated at 60 miles an hour blew sheet metal off a building.

LE FLORE COUNTY

SPIRO	02/24/07 09:46 CST	0	100K	Thunderstorm Wind (EG 61 kt)
4 ENE SPIRO	02/24/07 09:50 CST	2	0	35.23N, 94.63W ~ 35.2521N, 94.5646W

Strong thunderstorm wind destroyed a garage, caused minor damage to about two dozen homes, snapped numerous trees, and blew down power lines. A travel trailer was blown over on its side and two occupants were injured.

A narrow, moist axis developed over eastern Oklahoma ahead of a strong dry line that moved into the area during the morning. Thunderstorms developed along and ahead of the dry line but due to limited instability, severe weather was isolated with the storms.

OKMULGEE (OK-Z066), PITTSBURG (OK-Z073)

	02/24/07 14:11 CST	0	0	High Wind (MAX 53 kt)
	02/24/07 15:25 CST	0	0	

A strong dry line moved into eastern Oklahoma during the morning hours. Mixing behind the dry line and a strong pressure gradient resulted in strong, gusty westerly winds over the area during the afternoon. Wind gusts to 61 mph occurred at the Oklahoma Mesonet station near Hectorville in Okmulgee County and 58 mph gusts were measured at the site near McAlester in Pittsburg County.