

## Storm Data and Unusual Weather Phenomena - September 2013

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

### OKLAHOMA, Western, Central and Southeast

|  |                    |   |   |         |
|--|--------------------|---|---|---------|
| (OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z017) BLAINE, (OK-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z026) LINCOLN, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC, (OK-Z043) COAL, (OK-Z044) COTTON, (OK-Z045) JEFFERSON, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA, (OK-Z050) LOVE, (OK-Z051) MARSHALL, (OK-Z052) BRYAN | 09/01/13 00:00 CST | 0 | 0 | Drought |
|  | 09/30/13 23:59 CST | 0 | 0 |         |

Rainfall ranged from somewhat below to somewhat above average during September in Oklahoma. The northern half of the state generally saw a marginal improvement in drought conditions, while the southern half saw marginal worsening with less rainfall.

### CANADIAN COUNTY --- 5.0 NE UNION CITY [35.45, -97.89]

|                    |     |                              |
|--------------------|-----|------------------------------|
| 09/16/13 16:55 CST | 10K | Thunderstorm Wind (EG 52 kt) |
| 09/16/13 16:55 CST | 0   | Source: Law Enforcement      |

Several power poles blown down. Damages estimated.

A weak cold front became stationary and began slowly lifting as a warm front by late afternoon. North of the front, isolated thunderstorms developed in an environment characterized by very weak shear and dry low levels. This caused pulse storms which produced spotty damaging winds once they collapsed.

### JACKSON COUNTY --- 0.9 NW DUKE [34.67, -99.58]

|                    |    |                              |
|--------------------|----|------------------------------|
| 09/17/13 15:15 CST | 3K | Thunderstorm Wind (EG 52 kt) |
| 09/17/13 15:15 CST | 0  | Source: Newspaper            |

Minor damage to at least one carport and residential fence. Damages estimated.

A slow moving warm front lifted northward during the day, extending across northern and central portions of Oklahoma. Aided by daytime heating, isolated to widely scattered thunderstorms developed along the warm front. With fairly warm and dry surface conditions, spotty damaging winds occurred as thunderstorms collapsed.

### OKLAHOMA COUNTY --- OKLAHOMA CITY [35.47, -97.51]

|                    |    |                              |
|--------------------|----|------------------------------|
| 09/19/13 13:38 CST | 3K | Thunderstorm Wind (EG 56 kt) |
| 09/19/13 13:38 CST | 0  | Source: Public               |

A semi truck was overturned along I-44 between Southwest 44th and 29th Streets. Minor tree damage was also reported. Damages estimated. No injuries reported.

A slow moving cold front positioned itself over northwest Oklahoma, generating southwest surface winds and unusually hot temperatures. Isolated storms developed over Oklahoma county and as they collapsed, they produced spotty wind damage.

### WOODS COUNTY --- 13.5 NNE CAMP HOUSTON [36.98, -99.00]

|                    |   |                              |
|--------------------|---|------------------------------|
| 09/27/13 23:50 CST | 0 | Thunderstorm Wind (MG 54 kt) |
| 09/27/13 23:50 CST | 0 | Source: Mesonet              |

No damage was reported.

A cold front moved into far northwest Oklahoma during the late evening hours of the 27th. A cluster of thunderstorms moved along the Oklahoma-Kansas border. One mesonet station recorded a severe wind gust, but no damage was reported in the area.

### TEXAS, Western North

|   |                    |   |         |
|---|--------------------|---|---------|
| (TX-Z083) HARDEMAN, (TX-Z084) FOARD, (TX-Z085) WILBARGER, (TX-Z086) WICHITA, (TX-Z087) KNOX, (TX-Z088) BAYLOR, (TX-Z089) ARCHER, (TX-Z090) CLAY | 09/01/13 00:00 CST | 0 | Drought |
|   | 09/30/13 23:59 CST | 0 |         |

Near-average rainfall over western north Texas led to marginal drought improvement for some areas, and a continuation of the previous

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month's status for other areas.