

Storm Data and Unusual Weather Phenomena - August 2015

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

ARKANSAS, Northwest

| | | | | |
|---|--------------------|--|---|------------------------------|
| WASHINGTON COUNTY --- 1.1 NE BALDWIN [36.04, -94.11] | | | | |
| | 08/05/15 10:00 CST | | 0 | Thunderstorm Wind (EG 65 kt) |
| | 08/05/15 10:00 CST | | 0 | Source: Public |

Strong thunderstorm wind uprooted a large tree on Cherry Hill Drive.

Thunderstorms developed across southeastern Kansas along a stationary frontal boundary. The storms developed southeast into northwestern Arkansas during the morning hours of the 5th. These storms gradually weakened as they moved into the area, but one of the thunderstorms did produce wind damage in Washington County.

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|--|--------------------|--|---|----------------|
| (AR-Z019) CRAWFORD, (AR-Z020) FRANKLIN, (AR-Z029) SEBASTIAN | | | | |
| | 08/07/15 12:00 CST | | 0 | Excessive Heat |
| | 08/08/15 19:00 CST | | 0 | |

A ridge of high pressure in the middle and upper atmosphere centered over the south central United States promoted strong subsidence across western Arkansas for several days in early August. Mostly sunny skies, unseasonably hot temperatures near 100 degrees, and unseasonably humid conditions combined to produce afternoon heat indices in the 110 to 115 degree range from August 7th through August 8th. Overnight temperatures only fell into the upper 70s to near 80, resulting in little relief from the heat at night.

OKLAHOMA, Eastern

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|---|--------------------|--|---|----------------|
| (OK-Z049) PUSHMATAHA, (OK-Z053) CHOCTAW, (OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z056) NOWATA, (OK-Z057) CRAIG, (OK-Z059) PAWNEE, (OK-Z060) TULSA, (OK-Z061) ROGERS, (OK-Z062) MAYES, (OK-Z064) CREEK, (OK-Z065) OKFUSKEE, (OK-Z066) OKMULGEE, (OK-Z067) WAGONER, (OK-Z068) CHEROKEE, (OK-Z070) MUSKOGEE, (OK-Z071) MCINTOSH, (OK-Z072) SEQUOYAH, (OK-Z073) PITTSBURG, (OK-Z074) HASKELL, (OK-Z075) LATIMER, (OK-Z076) LE FLORE | | | | |
| | 08/07/15 12:00 CST | | 0 | Excessive Heat |
| | 08/09/15 19:00 CST | | 0 | |

A ridge of high pressure in the middle and upper atmosphere centered over the south central United States promoted strong subsidence across eastern Oklahoma for several days in early August. Mostly sunny skies, unseasonably hot temperatures near 100 degrees, and unseasonably humid conditions combined to produce afternoon heat indices in the 110 to 115 degree range from August 7th through August 9th. Overnight temperatures only fell into the upper 70s to near 80, resulting in little relief from the heat at night.

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|--|--------------------|--|---|----------------|
| OSAGE COUNTY --- 10.0 W BURBANK [36.70, -96.90] | | | | |
| | 08/18/15 18:11 CST | | 0 | Hail (1.00 in) |
| | 08/18/15 18:11 CST | | 0 | Source: Public |

Thunderstorms developed over northeastern Oklahoma along a cold front during the afternoon of the 18th. The strongest storms produced large hail up to quarter size.

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|---|--------------------|--|---|-------------------------|
| WASHINGTON COUNTY --- 0.5 SW DEWEY [36.80, -95.94] | | | | |
| | 08/27/15 09:20 CST | | 0 | Hail (1.00 in) |
| | 08/27/15 09:20 CST | | 0 | Source: Law Enforcement |

| | | | | |
|---|--------------------|--|---|------------------------------|
| SEQUOYAH COUNTY --- 0.2 ESE GORE [35.53, -95.12] | | | | |
| | 08/27/15 10:11 CST | | 0 | Thunderstorm Wind (EG 65 kt) |
| | 08/27/15 10:11 CST | | 0 | Source: Public |

Strong thunderstorm wind snapped the trunk of a tree.

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|---|--------------------|--|---|---------------------------------|
| WASHINGTON COUNTY --- 1.0 N DEWEY [36.81, -95.93], 1.1 N DEWEY [36.82, -95.93], 1.1 N DEWEY [36.82, -95.93], 1.0 N DEWEY [36.81, -95.93] | | | | |
| | 08/27/15 10:35 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/27/15 12:45 CST | | 0 | Source: Storm Chaser |

Portions of County Road 1400 were flooded.

Thunderstorms across Kansas gradually expanded southward into eastern Oklahoma during the morning of the 27th. The storms produced damaging wind, large hail up to quarter size, and locally heavy rainfall.

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