

## Storm Data and Unusual Weather Phenomena - December 2015

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details            |
|--|--------------------|-------------------|---------------------|-----------------------------------|
| <b>ARKANSAS, Northwest</b>   |                    |                   |                     |                                   |
| <b>BENTON COUNTY --- 1.1 ESE SILOAM SPGS [36.17, -94.51]</b>   |                    |                   |                     |                                   |
|  | 12/12/15 22:41 CST |                   | 0                   | Thunderstorm Wind (EG 56 kt)      |
|  | 12/12/15 22:41 CST |                   | 0                   | Source: NWS Storm Survey          |
| Large tree limbs were snapped by strong thunderstorm wind near Kenwood Street and Lewis Circle.  |                    |                   |                     |                                   |
| <b>BENTON COUNTY --- 1.2 E SILOAM SPGS [36.18, -94.51]</b>   |                    |                   |                     |                                   |
|  | 12/12/15 22:45 CST |                   | 3K                  | Thunderstorm Wind (EG 65 kt)      |
|  | 12/12/15 22:45 CST |                   | 0                   | Source: Public                    |
| Strong thunderstorm wind damaged two sheds and damaged the roof of a garden center of a large retailer.  |                    |                   |                     |                                   |
| <b>BENTON COUNTY --- 2.8 SSW GENTRY [36.23, -94.50]</b>  |                    |                   |                     |                                   |
|  | 12/12/15 22:45 CST |                   | 0                   | Thunderstorm Wind (EG 65 kt)      |
|  | 12/12/15 22:45 CST |                   | 0                   | Source: NWS Storm Survey          |
| Several trees were uprooted to the north and northwest, just north of Arkotex Road.  |                    |                   |                     |                                   |
| <b>BENTON COUNTY --- 1.0 SSW GENTRY [36.26, -94.49]</b>  |                    |                   |                     |                                   |
|  | 12/12/15 22:47 CST |                   | 0                   | Thunderstorm Wind (EG 65 kt)      |
|  | 12/12/15 22:47 CST |                   | 0                   | Source: NWS Storm Survey          |
| A tree was uprooted by strong thunderstorm wind.   |                    |                   |                     |                                   |
| <b>Thunderstorms developed into northwestern Arkansas ahead of an approaching cold front. The stronger storms produced wind damage in Benton County.</b>   |                    |                   |                     |                                   |
| <b>CRAWFORD COUNTY --- 3.2 SSW STATTLER [35.49, -94.43], 3.1 NW VAN BUREN [35.46, -94.39], 2.4 NNW VAN BUREN [35.46, -94.37], 2.1 SSW STATTLER [35.50, -94.41]</b>   |                    |                   |                     |                                   |
|  | 12/13/15 12:00 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|  | 12/14/15 06:30 CST |                   | 0                   | Source: Official NWS Observations |
| Lee Creek near Van Buren rose above its flood stage of 401 feet at 12:00 pm CST on December 13th. The river crested at 404.7 feet at 9:00 pm CST on the 13th, resulting in moderate flooding. The river fell below flood stage at 6:30 am CST on the 14th. |                    |                   |                     |                                   |
| <b>CRAWFORD COUNTY --- VAN BUREN [35.43, -94.35], 0.9 ESE RUDY [35.52, -94.27], 1.8 WNW RUDY [35.54, -94.31], 2.6 NW VAN BUREN [35.45, -94.39]</b>   |                    |                   |                     |                                   |
|  | 12/13/15 14:15 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|  | 12/14/15 02:45 CST |                   | 0                   | Source: Emergency Manager         |
| Several roads in and around Van Buren were closed due to flooding.   |                    |                   |                     |                                   |
| <b>FRANKLIN COUNTY --- 3.0 WNW CHARLESTON [35.32, -94.08], 2.9 WNW CHARLESTON [35.32, -94.07], 2.8 WNW CHARLESTON [35.32, -94.07], 3.0 WNW CHARLESTON [35.32, -94.08]</b>  |                    |                   |                     |                                   |
|  | 12/13/15 14:45 CST |                   | 0.10M               | Flood (due to Heavy Rain)         |
|  | 12/14/15 02:45 CST |                   | 0                   | Source: Law Enforcement           |
| A bridge northwest of Charleston was washed out at the intersection of Jetton and Kiene roads.   |                    |                   |                     |                                   |
| <b>SEBASTIAN COUNTY --- 0.7 NNE HACKETT [35.19, -94.42], 0.7 NNE HACKETT [35.19, -94.41], 0.7 NNE HACKETT [35.19, -94.41], 0.7 NNE HACKETT [35.19, -94.42]</b>   |                    |                   |                     |                                   |
|  | 12/13/15 15:05 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|  | 12/14/15 02:45 CST |                   | 0                   | Source: Law Enforcement           |
| Henderson Street in Hackett was closed due to high water from Big Branch Creek.  |                    |                   |                     |                                   |
| <b>WASHINGTON COUNTY --- 0.2 E JOHNSON [36.13, -94.17], 0.3 E JOHNSON [36.13, -94.17], 0.4 ESE JOHNSON [36.13, -94.16], 0.3 SE JOHNSON [36.13, -94.17]</b>   |                    |                   |                     |                                   |
|  | 12/13/15 15:18 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|  | 12/14/15 02:45 CST |                   | 0                   | Source: Law Enforcement           |

## Storm Data and Unusual Weather Phenomena - December 2015

| Location  | Date/Time          | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details          |
|---|--------------------|----------------------|------------------------|---------------------------------|
| Ball Street in Johnson was closed due to high water.  |                    |                      |                        |                                 |
| Widespread showers and thunderstorms developed into northwestern Arkansas ahead of an approaching cold front and upper level disturbance. Prolonged heavy rainfall occurred across much of the area as this activity slowly moved through, which resulted in some flooding. |                    |                      |                        |                                 |
| <hr/>   |                    |                      |                        |                                 |
| <b>BENTON COUNTY --- 2.0 WNW GRAVETTE [36.43, -94.48], 2.1 ESE BEATY [36.44, -94.48], 2.0 ESE BEATY [36.44, -94.49], 2.1 WNW GRAVETTE [36.43, -94.49]</b>   | 12/26/15 19:30 CST | 0                    |                        | Flash Flood (due to Heavy Rain) |
|   | 12/27/15 00:30 CST | 0                    |                        | Source: Broadcast Media         |
| Heavy rainfall flooded Leonard Ranch Road. A swift water rescue was conducted after a vehicle was driven into the flood water.  |                    |                      |                        |                                 |
| <hr/>   |                    |                      |                        |                                 |
| <b>BENTON COUNTY --- 1.0 SW MAYSVILLE [36.39, -94.59], 1.1 SE MAYSVILLE [36.39, -94.57], 1.9 SSE MAYSVILLE [36.37, -94.57], 1.8 SSW MAYSVILLE [36.38, -94.59]</b>   | 12/26/15 20:15 CST | 0                    |                        | Flash Flood (due to Heavy Rain) |
|   | 12/27/15 00:30 CST | 0                    |                        | Source: Broadcast Media         |
| Highways 43 and 102 were closed due to flooding.  |                    |                      |                        |                                 |
| <hr/>   |                    |                      |                        |                                 |
| <b>BENTON COUNTY --- 1.9 SSW BELLA VISTA [36.40, -94.24], 1.8 S BELLA VISTA [36.40, -94.23], 2.1 S BELLA VISTA [36.40, -94.23], 2.1 SSW BELLA VISTA [36.40, -94.24]</b>   | 12/26/15 20:15 CST | 0                    |                        | Flash Flood (due to Heavy Rain) |
|   | 12/27/15 00:30 CST | 0                    |                        | Source: Broadcast Media         |
| Pumpkin Hollow Road north of Bentonville was closed due to flooding.  |                    |                      |                        |                                 |
| <hr/>   |                    |                      |                        |                                 |
| <b>BENTON COUNTY --- 2.5 SW GRAVETTE [36.40, -94.48], 2.3 NW GRAVETTE [36.44, -94.48], 2.6 NE GRAVETTE [36.44, -94.41], 2.0 SE GRAVETTE [36.40, -94.42]</b>   | 12/26/15 20:15 CST | 0                    |                        | Flash Flood (due to Heavy Rain) |
|   | 12/27/15 00:30 CST | 0                    |                        | Source: Broadcast Media         |
| Rocky Dale Hollow, Falling Springs, Prichard and Big Springs Roads were closed due to flooding.   |                    |                      |                        |                                 |
| <hr/>   |                    |                      |                        |                                 |
| <b>BENTON COUNTY --- 3.0 E DECATUR [36.33, -94.40], 0.8 E DECATUR [36.33, -94.44], 1.0 NE DECATUR [36.34, -94.44], 3.0 ENE DECATUR [36.34, -94.40]</b>  | 12/26/15 20:32 CST | 0                    |                        | Flash Flood (due to Heavy Rain) |
|   | 12/27/15 00:30 CST | 0                    |                        | Source: Broadcast Media         |
| Flooding was reported on Highway 102 east of Decatur.   |                    |                      |                        |                                 |
| <hr/>   |                    |                      |                        |                                 |
| <b>WASHINGTON COUNTY --- SPRINGDALE [36.18, -94.13]</b>   | 12/26/15 20:45 CST | 0                    |                        | Thunderstorm Wind (EG 61 kt)    |
|   | 12/26/15 20:45 CST | 0                    |                        | Source: Public                  |
| Strong thunderstorm wind pushed a detached garage off its foundation, snapped several trees, and moved a stock trailer approximately 20 feet.   |                    |                      |                        |                                 |
| <hr/>   |                    |                      |                        |                                 |
| <b>WASHINGTON COUNTY --- PRAIRIE GROVE [35.98, -94.32]</b>  | 12/26/15 21:15 CST | 0                    |                        | Hail (1.00 in)                  |
|   | 12/26/15 21:15 CST | 0                    |                        | Source: Public                  |
| <hr/>   |                    |                      |                        |                                 |
| <b>BENTON COUNTY --- 0.4 WNW DECATUR ARPT [36.35, -94.46], 1.0 SW MAYSVILLE [36.39, -94.59], 5.7 WNW BEATY [36.49, -94.61], 2.3 WNW SULPHUR SPGS [36.49, -94.49]</b>  | 12/26/15 22:44 CST | 0                    |                        | Flood (due to Heavy Rain)       |
|   | 12/27/15 00:30 CST | 0                    |                        | Source: Emergency Manager       |
| Numerous roads across the county were flooded and impassable, most notably west of Highway 59 and north of Highway 102.   |                    |                      |                        |                                 |
| <hr/>   |                    |                      |                        |                                 |
| <b>SEBASTIAN COUNTY --- 2.7 W URSULA [35.32, -94.10], 2.4 W URSULA [35.32, -94.09], 2.7 WSW URSULA [35.31, -94.09], 2.9 ENE BLOOMER [35.31, -94.10]</b>   | 12/27/15 13:01 CST | 0                    |                        | Flood (due to Heavy Rain)       |
|   | 12/28/15 11:30 CST | 0                    |                        | Source: Department of Highways  |

## Storm Data and Unusual Weather Phenomena - December 2015

| Location  | Date/Time          | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details         |
|---|--------------------|----------------------|------------------------|--------------------------------|
| Portions of Highway 252 east of Lavaca were closed due to flooding.   |                    |                      |                        |                                |
| <b>CRAWFORD COUNTY --- 1.4 WNW MEADOWS [35.50, -94.29], 1.1 SSW RUDY [35.52, -94.29], 1.1 NNW MEADOWS [35.51, -94.28], 0.9 W MEADOWS [35.50, -94.28]</b>                          |                    |                      |                        |                                |
|   | 12/27/15 13:30 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/28/15 11:30 CST | 0                    |                        | Source: Department of Highways |
| Portions of Highway 282 north of Alma were closed due to flooding.  |                    |                      |                        |                                |
| <b>SEBASTIAN COUNTY --- 0.9 SE BARLING [35.32, -94.29], 1.3 W CENTRAL CITY [35.32, -94.27], 1.4 WSW CENTRAL CITY [35.31, -94.27], 0.9 SSE BARLING [35.32, -94.29]</b>             |                    |                      |                        |                                |
|   | 12/27/15 13:30 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/28/15 11:30 CST | 0                    |                        | Source: Department of Highways |
| Portions of Highway 255 east of Barling were closed due to flooding.  |                    |                      |                        |                                |
| <b>BENTON COUNTY --- 0.4 SW CAVE SPGS [36.27, -94.24], 0.7 NE HEALING SPGS [36.26, -94.27], 0.3 E HEALING SPGS [36.25, -94.27], 0.6 SSW CAVE SPGS [36.26, -94.23]</b>             |                    |                      |                        |                                |
|   | 12/27/15 16:30 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/28/15 11:30 CST | 0                    |                        | Source: Department of Highways |
| Highway 264 west of Cave Springs was closed due to flooding.  |                    |                      |                        |                                |
| <b>CARROLL COUNTY --- 2.0 N EUREKA SPGS [36.43, -93.73], 2.2 NNW EUREKA SPGS [36.43, -93.74], 2.9 SE BEAVER [36.44, -93.73], 2.6 WNW ELK RANCH [36.44, -93.73]</b>                |                    |                      |                        |                                |
|   | 12/27/15 16:30 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/28/15 11:30 CST | 0                    |                        | Source: Department of Highways |
| Highway 23 north of Eureka Springs was closed due to flooding.  |                    |                      |                        |                                |
| <b>CRAWFORD COUNTY --- 4.0 SW MOUNTAINBURG [35.59, -94.22], 4.0 E HOBBS [35.58, -94.23], 3.7 N DEAN SPG [35.57, -94.22], 3.4 WNW GRAPHIC [35.58, -94.21]</b>                      |                    |                      |                        |                                |
|   | 12/27/15 16:30 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/28/15 11:30 CST | 0                    |                        | Source: Department of Highways |
| Highway 282 southwest of Mountainburg was closed due to flooding.   |                    |                      |                        |                                |
| <b>SEBASTIAN COUNTY --- 1.0 NE CENTRAL CITY [35.33, -94.24], 1.8 NW DIAMOND GROVE [35.34, -94.22], 1.4 NW DIAMOND GROVE [35.33, -94.22], 1.0 ENE CENTRAL CITY [35.33, -94.24]</b> |                    |                      |                        |                                |
|   | 12/27/15 16:30 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/28/15 11:30 CST | 0                    |                        | Source: Department of Highways |
| Highway 255 northeast of Central City was closed due to flooding.   |                    |                      |                        |                                |
| <b>SEBASTIAN COUNTY --- 2.0 E LAVACA [35.33, -94.14], 2.1 ENE LAVACA [35.34, -94.14], 2.5 E LAVACA [35.34, -94.14], 2.3 NNE BLOOMER [35.33, -94.14]</b>                           |                    |                      |                        |                                |
|   | 12/27/15 16:30 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/28/15 11:30 CST | 0                    |                        | Source: Department of Highways |
| Highway 96 east of Lavaca was closed due to flooding.   |                    |                      |                        |                                |
| <b>SEBASTIAN COUNTY --- 4.0 SE LAVACA [35.29, -94.13], 2.5 SW URSULA [35.30, -94.09], 3.1 SW URSULA [35.29, -94.08], 1.9 SE BLOOMER [35.28, -94.13]</b>                           |                    |                      |                        |                                |
|   | 12/27/15 16:30 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/28/15 11:30 CST | 0                    |                        | Source: Department of Highways |
| Highway 252 southeast of Lavaca was closed due to flooding.   |                    |                      |                        |                                |
| <b>SEBASTIAN COUNTY --- MANSFIELD [35.07, -94.23], 0.6 S HUNTINGTON [35.07, -94.27], 2.3 S HUNTINGTON [35.05, -94.27], 1.3 S MANSFIELD [35.05, -94.23]</b>                        |                    |                      |                        |                                |
|   | 12/27/15 16:30 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/28/15 11:30 CST | 0                    |                        | Source: Department of Highways |

## Storm Data and Unusual Weather Phenomena - December 2015

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details         |
|--|--------------------|-------------------|---------------------|--------------------------------|
| Numerous roads were reported closed due to flooding.   |                    |                   |                     |                                |
| <b>WASHINGTON COUNTY --- 0.7 W SAVOY [36.10, -94.34], 0.9 W SAVOY [36.10, -94.35], 0.9 WNW SAVOY [36.10, -94.34], 0.7 WNW SAVOY [36.10, -94.34]</b>  |                    |                   |                     |                                |
|  | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/28/15 11:30 CST |                   | 0                   | Source: Department of Highways |
| Highway 16 west of Fayetteville was closed due to flooding.  |                    |                   |                     |                                |
| <b>WASHINGTON COUNTY --- 2.8 SSE WHEELER [36.08, -94.23], 2.5 S WHEELER [36.08, -94.26], 3.0 S WHEELER [36.08, -94.26], 3.1 SSE WHEELER [36.08, -94.24]</b>                                      |                    |                   |                     |                                |
|  | 12/27/15 17:36 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/28/15 11:30 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 16 west of Fayetteville were closed due to flooding.   |                    |                   |                     |                                |
| <b>CRAWFORD COUNTY --- 1.0 SSW RUDY [35.52, -94.28], 1.0 NNW MEADOWS [35.51, -94.28], 1.0 W MEADOWS [35.50, -94.29], 1.5 WNW MEADOWS [35.51, -94.29]</b>   |                    |                   |                     |                                |
|  | 12/27/15 20:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/28/15 11:30 CST |                   | 0                   | Source: Department of Highways |
| Highway 282 southwest of Rudy was closed due to flooding.  |                    |                   |                     |                                |
| <b>FRANKLIN COUNTY --- 1.0 SW CASS [35.67, -93.83], 0.3 N TURNERS BEND [35.67, -93.83], 0.6 SE TURNERS BEND [35.66, -93.82], 0.5 S TURNERS BEND [35.66, -93.83]</b>                              |                    |                   |                     |                                |
|  | 12/27/15 20:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/28/15 11:30 CST |                   | 0                   | Source: Department of Highways |
| Highway 23 southwest of Cass was closed due to flooding.   |                    |                   |                     |                                |
| <b>FRANKLIN COUNTY --- 1.9 W DENNING [35.40, -93.83], 1.6 E MEG [35.40, -93.85], 2.7 NW DENNING [35.42, -93.84], 2.1 NW DENNING [35.42, -93.83]</b>  |                    |                   |                     |                                |
|  | 12/27/15 20:43 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/28/15 11:30 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 23 near Turners Bend were closed due to flooding.  |                    |                   |                     |                                |
| <b>BENTON COUNTY --- 1.6 WNW BENTONVILLE [36.38, -94.25], 2.1 ENE BENTONVILLE [36.38, -94.19], 2.0 ESE BENTONVILLE MUNI ARP [36.34, -94.19], 1.7 WSW BENTONVILLE MUNI ARP [36.34, -94.25]</b>    |                    |                   |                     |                                |
|  | 12/27/15 21:11 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/28/15 11:30 CST |                   | 0                   | Source: Broadcast Media        |
| Several streets in town were flooded and impassable.   |                    |                   |                     |                                |
| <b>BENTON COUNTY --- 2.5 NW SILOAM SPGS [36.20, -94.57], 1.6 NNW SILOAM SPGS [36.20, -94.54], 0.6 SSW SILOAM SPGS [36.17, -94.53], 1.7 WSW SILOAM SPGS [36.17, -94.56]</b>                       |                    |                   |                     |                                |
|  | 12/27/15 21:11 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/28/15 11:30 CST |                   | 0                   | Source: Broadcast Media        |
| Several streets in and around town were flooded and impassable.  |                    |                   |                     |                                |
| <b>BENTON COUNTY --- 2.7 E BENTONVILLE MUNI ARP [36.35, -94.17], 1.5 NNE BENTONVILLE BRANCH J [36.35, -94.11], 2.0 WNW MONTE NE [36.29, -94.10], 3.3 SW BENTONVILLE BRANCH J [36.30, -94.16]</b> |                    |                   |                     |                                |
|  | 12/27/15 21:11 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/28/15 11:30 CST |                   | 0                   | Source: Broadcast Media        |
| Several roads were closed due to flooding.   |                    |                   |                     |                                |
| <b>WASHINGTON COUNTY --- 2.0 NNW FAYETTEVILLE [36.10, -94.18], 2.6 SW SPRING VLY [36.10, -94.11], 1.1 ENE BALDWIN [36.03, -94.10], 2.2 SSW FAYETTEVILLE [36.04, -94.18]</b>                      |                    |                   |                     |                                |
|  | 12/27/15 21:11 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/28/15 11:30 CST |                   | 0                   | Source: Broadcast Media        |

## Storm Data and Unusual Weather Phenomena - December 2015

| Location  | Date/Time          | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details         |
|---|--------------------|----------------------|------------------------|--------------------------------|
| Several streets were closed due to flooding.  |                    |                      |                        |                                |
| <b>SEBASTIAN COUNTY --- 2.5 E GREENWOOD [35.22, -94.23], 3.3 E GREENWOOD [35.23, -94.21], 3.1 ENE GREENWOOD [35.23, -94.22], 2.3 E GREENWOOD [35.22, -94.23]</b>      |                    |                      |                        |                                |
|   | 12/28/15 03:35 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/29/15 01:15 CST | 0                    |                        | Source: Broadcast Media        |
| Portions of Highway 96 were closed due to flooding.   |                    |                      |                        |                                |
| <b>CARROLL COUNTY --- 0.5 E BEAVER [36.47, -93.76], 0.8 ESE BEAVER [36.47, -93.76], 0.7 ESE BEAVER [36.47, -93.76], 0.4 E BEAVER [36.47, -93.76]</b>                  |                    |                      |                        |                                |
|   | 12/28/15 09:20 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/29/15 01:15 CST | 0                    |                        | Source: Department of Highways |
| Portions of Highway 187 near the Beaver Bridge were closed due to flooding.   |                    |                      |                        |                                |
| <b>WASHINGTON COUNTY --- 2.0 ESE STRICKLER [35.82, -94.30], 2.3 E STRICKLER [35.83, -94.29], 2.6 ESE STRICKLER [35.82, -94.28], 2.2 ESE STRICKLER [35.81, -94.30]</b> |                    |                      |                        |                                |
|   | 12/28/15 18:31 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/29/15 01:15 CST | 0                    |                        | Source: Department of Highways |
| A section of Highway 220 was closed due to rock slide.  |                    |                      |                        |                                |
| <b>WASHINGTON COUNTY --- 0.2 E JOHNSON [36.13, -94.17], 0.3 SE JOHNSON [36.13, -94.17], 0.4 SE JOHNSON [36.13, -94.16], 0.3 E JOHNSON [36.13, -94.17]</b>             |                    |                      |                        |                                |
|   | 12/29/15 12:25 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/30/15 01:15 CST | 0                    |                        | Source: Department of Highways |
| Ball Street in Johnson was closed due to flooding.  |                    |                      |                        |                                |
| <b>WASHINGTON COUNTY --- 2.2 WSW ELM SPGS [36.19, -94.27], 2.1 W ELM SPGS [36.19, -94.27], 2.0 W ELM SPGS [36.20, -94.27], 2.0 WSW ELM SPGS [36.19, -94.27]</b>       |                    |                      |                        |                                |
|   | 12/29/15 12:25 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/30/15 01:15 CST | 0                    |                        | Source: Department of Highways |
| Javellow Road was closed near Brush Creek due to flooding.  |                    |                      |                        |                                |
| <b>CARROLL COUNTY --- 0.5 E BEAVER [36.47, -93.76], 0.8 ESE BEAVER [36.47, -93.76], 0.7 ESE BEAVER [36.46, -93.76], 0.4 E BEAVER [36.47, -93.76]</b>                  |                    |                      |                        |                                |
|   | 12/30/15 18:00 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/31/15 12:45 CST | 0                    |                        | Source: Department of Highways |
| Portions of Highway 187 near the Beaver Bridge remained closed due to continued flooding.   |                    |                      |                        |                                |
| <b>FRANKLIN COUNTY --- 0.8 S WEBB CITY [35.47, -93.83], 0.9 SSE WEBB CITY [35.47, -93.82], 1.0 SSE WEBB CITY [35.47, -93.82], 0.9 S WEBB CITY [35.47, -93.83]</b>     |                    |                      |                        |                                |
|   | 12/30/15 18:00 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/31/15 12:45 CST | 0                    |                        | Source: Department of Highways |
| Portions of Highway 309 near Highway 23 south of Ozark was closed due to flooding.  |                    |                      |                        |                                |
| <b>FRANKLIN COUNTY --- 1.0 N BRANCH [35.31, -93.95], 1.3 NE BRANCH [35.31, -93.93], 1.6 SSW PETER PENDER [35.33, -93.94], 1.8 SSW PETER PENDER [35.33, -93.95]</b>    |                    |                      |                        |                                |
|   | 12/30/15 18:00 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/31/15 12:45 CST | 0                    |                        | Source: Department of Highways |
| Portions of Highway 41 near Highway 22 south of Cecil were closed due to flooding.  |                    |                      |                        |                                |
| <b>FRANKLIN COUNTY --- 2.9 SSE MEG [35.36, -93.86], 3.1 SSE MEG [35.36, -93.85], 3.2 SSE MEG [35.36, -93.86], 3.0 SSE MEG [35.36, -93.86]</b>                         |                    |                      |                        |                                |
|   | 12/30/15 18:00 CST | 0                    |                        | Flood (due to Heavy Rain)      |
|   | 12/31/15 12:45 CST | 0                    |                        | Source: Department of Highways |
| Portions of Highway 288 near Highway 23 south of Ozark were closed due to flooding.   |                    |                      |                        |                                |

## Storm Data and Unusual Weather Phenomena - December 2015

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details            |
|---|--------------------|-------------------|---------------------|-----------------------------------|
| <hr/>   |                    |                   |                     |                                   |
| <b>SEBASTIAN COUNTY --- 0.7 W (FSM)FT SMITH MUNI A [35.33, -94.38], 0.2 SE (FSM)FT SMITH MUNI A [35.33, -94.37], 0.3 SSE (FSM)FT SMITH MUNI A [35.33, -94.37], 0.8 WSW (FSM)FT SMITH MUNI A [35.33, -94.38]</b>   | 12/30/15 18:00 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways    |
| Portions of Highway 255 in Fort Smith were closed due to flooding.  |                    |                   |                     |                                   |
| <hr/>   |                    |                   |                     |                                   |
| <b>SEBASTIAN COUNTY --- 0.8 E MASSARD [35.35, -94.34], 1.2 NW BARLING [35.34, -94.32], 1.4 WNW BARLING [35.34, -94.32], 0.8 ESE MASSARD [35.34, -94.34]</b>   | 12/30/15 18:00 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways    |
| Portions of Highway 22 in Fort Smith were closed due to flooding.   |                    |                   |                     |                                   |
| <hr/>   |                    |                   |                     |                                   |
| <b>SEBASTIAN COUNTY --- 0.8 SE BARLING [35.32, -94.29], 1.2 SE BARLING [35.32, -94.28], 1.2 SE BARLING [35.32, -94.29], 0.9 SSE BARLING [35.32, -94.29]</b>   | 12/30/15 18:00 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways    |
| Portions of Highway 255 east of Barling were closed due to flooding.  |                    |                   |                     |                                   |
| <hr/>   |                    |                   |                     |                                   |
| <b>SEBASTIAN COUNTY --- 2.0 ENE LAVACA [35.34, -94.15], 2.4 E LAVACA [35.34, -94.14], 2.4 E LAVACA [35.33, -94.14], 2.0 E LAVACA [35.33, -94.15]</b>  | 12/30/15 18:00 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways    |
| Portions of Highway 96 were closed due to flooding.   |                    |                   |                     |                                   |
| <hr/>   |                    |                   |                     |                                   |
| <b>SEBASTIAN COUNTY --- 2.8 WSW URSULA [35.31, -94.10], 2.8 WSW URSULA [35.31, -94.10], 2.7 WSW URSULA [35.31, -94.10], 2.7 WSW URSULA [35.31, -94.10]</b>  | 12/30/15 18:00 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways    |
| Portions of Highway 252 east of Lavaca were closed due to flooding.   |                    |                   |                     |                                   |
| <hr/>   |                    |                   |                     |                                   |
| <b>WASHINGTON COUNTY --- 4.9 SSE STRICKLER [35.77, -94.29], 6.0 SSE STRICKLER [35.74, -94.31], 6.7 SSE STRICKLER [35.74, -94.29], 4.9 SW BLACKBURN [35.76, -94.27]</b>  | 12/30/15 18:00 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways    |
| Portions of Highway 220 were closed due to flooding.  |                    |                   |                     |                                   |
| <p><b>A strong upper level low pressure system moved from the desert southwest into the Southern Plains in late December. Unseasonably moist air was in place across the region ahead of this approaching system as Pacific moisture in the mid and upper levels combined with very moist air in the low levels from the Gulf of Mexico. Strong atmospheric lift from the approaching upper level low and a warm front moving across the area, combined with this moisture, resulted in widespread locally heavy rainfall and isolated severe weather. Widespread eight to ten inches of rain fell across northwest Arkansas with locally up to a foot recorded. Widespread and significant flooding occurred across the area as a result. Daily rainfall records were broken during this event in Fort Smith and Fayetteville. This heavy rain event to end the month of December also resulted in it being the wettest December on record at Fort Smith with 10.81 inches observed during the month, and at Fayetteville where 10.95 inches fell.</b></p> |                    |                   |                     |                                   |
| <hr/>   |                    |                   |                     |                                   |
| <b>CRAWFORD COUNTY --- 3.2 SSW STATTLER [35.49, -94.43], 3.1 NW VAN BUREN [35.46, -94.39], 2.4 NNW VAN BUREN [35.46, -94.37], 2.1 SSW STATTLER [35.50, -94.41]</b>  | 12/27/15 09:30 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/31/15 23:59 CST |                   | 0                   | Source: Official NWS Observations |
| <p>The Lee Creek near Van Buren rose above its flood stage of 401 feet at 9:30 am CST on December 27th. The river crested at 417.5 feet at 1:45 am CST on the 28th, resulting in record flooding. Homes were inundated by flood waters downstream from Lee Creek Reservoir. The recreational campground near Rena Road was severely flooded and Rena Road was inundated. Monetary damage estimates as a result of the flood were not available. The river remained in flood through the end of the month, finally falling below flood stage at 12:45 pm CST on January 2nd.</p>   |                    |                   |                     |                                   |
| <hr/>   |                    |                   |                     |                                   |
| <b>CRAWFORD COUNTY --- 0.6 W OAK GROVE [35.42, -94.31], 0.9 NW VAN BUREN [35.44, -94.36], 0.9 WNW VAN BUREN [35.44, -94.36], 1.7 SSE VAN BUREN [35.41, -94.33]</b>  |                    |                   |                     |                                   |

## Storm Data and Unusual Weather Phenomena - December 2015

| Location | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details            |
|----------|--------------------|-------------------|---------------------|-----------------------------------|
|          | 12/27/15 11:00 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|          | 12/31/15 23:59 CST |                   | 0                   | Source: Official NWS Observations |

The Arkansas River near Van Buren rose above its flood stage of 22 feet at 11:00 am CST on December 27th. The river crested at 34.63 feet at 4:45 pm CST on the 30th, resulting in major flooding. Backwater flooding occurred in mobile home parks near Lee Creek. The river remained in flood through the end of the month, finally falling below flood stage at 9:45 pm CST on January 4th.

**FRANKLIN COUNTY --- 2.4 NNW DENNING [35.43, -93.82], 1.3 WSW ALTUS [35.44, -93.79], 1.1 E WEBB CITY [35.48, -93.81], 0.7 S WEBB CITY [35.47, -93.83]**

|  |                    |  |   |                                   |
|--|--------------------|--|---|-----------------------------------|
|  | 12/27/15 22:00 CST |  | 0 | Flood (due to Heavy Rain)         |
|  | 12/31/15 23:59 CST |  | 0 | Source: Official NWS Observations |

The Arkansas River near Ozark rose above its flood stage of 357 feet at 10:00 pm CST on December 27th. The river crested at 369.07 feet at 5:00 pm CST on the 29th, resulting in major flooding. The river remained in flood through the end of the month, finally falling below flood stage at 7:15 pm CST on January 4th.

**A strong upper level low pressure system moved from the desert southwest into the Southern Plains in late December. Unseasonably moist air was in place across the region ahead of this approaching system as Pacific moisture in the mid and upper levels combined with very moist air in the low levels from the Gulf of Mexico. Strong atmospheric lift from the approaching upper level low and a warm front moving across the area, combined with this moisture, resulted in widespread locally heavy rainfall.**

**Eight to ten inches of rain fell across much of eastern Oklahoma and northwestern Arkansas. This excessive rainfall caused major flooding of the Arkansas River near Van Buren and the Ozark Lock and Dam, and record flooding on the Lee Creek near Van Buren.**

**CARROLL COUNTY --- 1.3 WNW GRANDVIEW [36.44, -93.64], 0.9 NE GRANDVIEW [36.44, -93.61], 1.3 ESE GRANDVIEW [36.42, -93.60], 1.5 SSW GRANDVIEW [36.41, -93.63]**

|  |                    |  |   |                                   |
|--|--------------------|--|---|-----------------------------------|
|  | 12/28/15 01:00 CST |  | 0 | Flood (due to Heavy Rain)         |
|  | 12/28/15 11:15 CST |  | 0 | Source: Official NWS Observations |

The Kings River near Berryville rose above its flood stage of 31 feet at 1:00 am CST on December 28th. The river crested at 33.18 feet at 7:00 am CST on the 28th, resulting in moderate flooding. Highway 143 and meadowlands along the east bank of the river were inundated by flood water. The river fell below flood stage at 11:15 am CST on the 28th.

**A strong upper level low pressure system moved from the desert southwest into the Southern Plains in late December. Unseasonably moist air was in place across the region ahead of this approaching system as Pacific moisture in the mid and upper levels combined with very moist air in the low levels from the Gulf of Mexico. Strong atmospheric lift from the approaching upper level low and a warm front moving across the area, combined with this moisture, resulted in widespread locally heavy rainfall.**

**Eight to ten inches of rain fell across much of northeastern Oklahoma, northwestern Arkansas, and southwestern Missouri. This excessive rainfall caused moderate flooding of the Kings River near Berryville.**

### OKLAHOMA, Eastern

**CHOCTAW COUNTY --- 120.2 SSW BUNCH [33.99, -95.26], 117.0 SSW BUNCH [34.03, -95.25]**

|  |                    |  |   |                                       |
|--|--------------------|--|---|---------------------------------------|
|  | 12/12/15 18:03 CST |  | 0 | Tornado (EF1, L: 3.30 mi , W: 250 yd) |
|  | 12/12/15 18:06 CST |  | 0 | Source: NWS Storm Survey              |

This tornado developed south of Raymond Gary State Park and moved northward across the park, snapping or uprooting numerous trees. Trees were also snapped or uprooted along Highway 209, the E4025 Road, Highway 70, and finally across the N4375 Road. Based on this damage, maximum estimated wind in the tornado was 95 to 105 mph.

**A strong storm system moved from the Southern Rockies into the Plains on the 12th. Very moist, unseasonably warm, and slightly unstable air was in place across northern Texas and southeastern Oklahoma ahead of this system. Widespread showers and scattered thunderstorms developed over northern Texas during the afternoon as this system approached. Although instability was weak, strong wind shear through the lower atmosphere resulted in storms that developed rotating updrafts. One such storm produced a tornado near Fort Towson in Choctaw County.**

**SEQUOYAH COUNTY --- 3.7 NE VIAN [35.54, -94.92], 4.1 NE VIAN [35.54, -94.91], 3.9 NE VIAN [35.53, -94.92], 3.4 NE VIAN [35.53, -94.93]**

|  |                    |  |   |                           |
|--|--------------------|--|---|---------------------------|
|  | 12/13/15 10:45 CST |  | 0 | Flood (due to Heavy Rain) |
|  | 12/14/15 01:45 CST |  | 0 | Source: Broadcast Media   |

The North 4550 Road and East 1020 Road were flooded northeast of Vian.

## Storm Data and Unusual Weather Phenomena - December 2015

| Location  | Date/Time          | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details            |
|---|--------------------|----------------------|------------------------|-----------------------------------|
| <b>ROGERS COUNTY --- 2.6 SW INOLA ARPT [36.12, -95.46], 2.8 SW INOLA ARPT [36.12, -95.46], 2.9 SW INOLA ARPT [36.12, -95.46], 2.7 SW INOLA ARPT [36.12, -95.46]</b>   |                    |                      |                        |                                   |
|   | 12/13/15 12:21 CST |                      | 0                      | Flash Flood (due to Heavy Rain)   |
|   | 12/14/15 01:45 CST |                      | 0                      | Source: Trained Spotter           |
| Roads were flooded southeast of Inola.  |                    |                      |                        |                                   |
| <b>LE FLORE COUNTY --- 1.8 SE SHADY PT [35.11, -94.65], 0.9 NE COAL CREEK [35.19, -94.66], 2.4 ESE SCULLYVILLE [35.24, -94.53], 0.9 SW ARKOMA [35.34, -94.46], 2.8 SSW BASHE [35.28, -94.44]</b>  |                    |                      |                        |                                   |
|   | 12/13/15 13:00 CST |                      | 0                      | Flood (due to Heavy Rain)         |
|   | 12/16/15 01:45 CST |                      | 0                      | Source: Official NWS Observations |
| The Poteau River near Panama rose above its flood stage of 29 feet at 1:00 pm CST on December 13th. The river crested at 35.67 feet at 5:45 pm CST on the 14th, resulting in moderate flooding. The river fell below flood stage at 1:45 am CST on the 16th.                  |                    |                      |                        |                                   |
| <b>OTTAWA COUNTY --- 6.8 WNW NORTH MIAMI [36.94, -95.00], 3.1 WSW MIAMI [36.86, -94.93], 1.8 SE MIAMI [36.86, -94.86], 4.6 WNW NORTH MIAMI [36.94, -94.96]</b>  |                    |                      |                        |                                   |
|   | 12/13/15 21:15 CST |                      | 0                      | Flood (due to Heavy Rain)         |
|   | 12/16/15 09:00 CST |                      | 0                      | Source: Official NWS Observations |
| The Neosho River near Commerce rose above its flood stage of 15 feet at 9:15 pm CST on December 13th. The river crested at 18.65 feet at 5:30 am CST on the 15th, resulting in moderate flooding. The river fell below flood stage at 9:00 am CST on the 16th.                |                    |                      |                        |                                   |
| <b>Widespread showers and thunderstorms developed into eastern Oklahoma ahead of an approaching cold front and upper level disturbance. Prolonged heavy rainfall occurred across much of the area as this activity slowly moved through, which resulted in some flooding.</b> |                    |                      |                        |                                   |
| <b>MUSKOGEE COUNTY --- MUSKOGEE [35.75, -95.37]</b>   |                    |                      |                        |                                   |
|   | 12/26/15 16:57 CST |                      | 0                      | Hail (1.00 in)                    |
|   | 12/26/15 16:57 CST |                      | 0                      | Source: NWS Employee              |
| <b>ADAIR COUNTY --- 0.6 N BALLARD [36.11, -94.57]</b>   |                    |                      |                        |                                   |
|   | 12/26/15 18:23 CST |                      | 0                      | Thunderstorm Wind (EG 65 kt)      |
|   | 12/26/15 18:23 CST |                      | 0                      | Source: Law Enforcement           |
| A few trees were blown down by strong thunderstorm wind.  |                    |                      |                        |                                   |
| <b>WAGONER COUNTY --- 0.6 WSW WYBARK [35.82, -95.34], 0.9 NNW WYBARK [35.83, -95.33], 1.0 NNE WYBARK [35.83, -95.32], 0.3 ESE WYBARK [35.82, -95.33]</b>  |                    |                      |                        |                                   |
|   | 12/26/15 19:13 CST |                      | 0                      | Flash Flood (due to Heavy Rain)   |
|   | 12/27/15 00:30 CST |                      | 0                      | Source: Broadcast Media           |
| Portions of Highway 16 were flooded south of Okay.  |                    |                      |                        |                                   |
| <b>CHEROKEE COUNTY --- 1.4 WSW MELVIN [35.91, -95.20], 1.3 W MELVIN [35.92, -95.20], 0.5 WNW MELVIN [35.92, -95.19], 0.4 WSW MELVIN [35.92, -95.19]</b>   |                    |                      |                        |                                   |
|   | 12/26/15 20:20 CST |                      | 0                      | Flash Flood (due to Heavy Rain)   |
|   | 12/27/15 00:30 CST |                      | 0                      | Source: Emergency Manager         |
| Portions of Highway 80 southwest of Hulbert were closed due to flooding.  |                    |                      |                        |                                   |
| <b>CHEROKEE COUNTY --- 5.2 ENE LOST CITY [36.01, -95.05], 5.0 WSW MOODYS [36.00, -95.03], 4.1 WSW MOODYS [36.00, -95.02], 4.6 W MOODYS [36.02, -95.03]</b>  |                    |                      |                        |                                   |
|   | 12/26/15 20:20 CST |                      | 0                      | Flash Flood (due to Heavy Rain)   |
|   | 12/27/15 00:30 CST |                      | 0                      | Source: Emergency Manager         |
| Portions of Highway 82 north of Tahlequah were closed due to flooding.  |                    |                      |                        |                                   |
| <b>CHEROKEE COUNTY --- 0.5 WNW MELVIN [35.92, -95.19], 3.8 NE SCRAPER [36.14, -94.79], 7.8 ESE SCRAPER [36.04, -94.71], 3.7 S HULBERT [35.88, -95.14]</b>   |                    |                      |                        |                                   |



## Storm Data and Unusual Weather Phenomena - December 2015

| Location | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details    |
|----------|--------------------|-------------------|---------------------|---------------------------|
|          | 12/26/15 23:23 CST |                   | 0                   | Flood (due to Heavy Rain) |
|          | 12/27/15 00:30 CST |                   | 0                   | Source: Broadcast Media   |

Portions of Highway 10 between US 62 and US 412 were closed due to flooding. Portions of Highway 80 were also closed west of Hulbert.

**MUSKOGEE COUNTY --- 0.2 SSE MUSKOGEE [35.75, -95.37], 0.2 S MUSKOGEE [35.75, -95.37], 0.3 SSW MUSKOGEE [35.75, -95.37], 0.3 S MUSKOGEE [35.75, -95.37]**

|  |                    |  |   |                           |
|--|--------------------|--|---|---------------------------|
|  | 12/26/15 23:23 CST |  | 0 | Flood (due to Heavy Rain) |
|  | 12/27/15 00:30 CST |  | 0 | Source: Broadcast Media   |

Main Street was closed just south of Highway 16 due to flooding.

**TULSA COUNTY --- 3.6 SW ATLANTIC [35.89, -95.87], 3.9 SW ATLANTIC [35.89, -95.88], 4.8 SW ATLANTIC [35.87, -95.88], 4.5 SW ATLANTIC [35.87, -95.87]**

|  |                    |   |   |                           |
|--|--------------------|---|---|---------------------------|
|  | 12/27/15 12:09 CST | 1 | 0 | Flood (due to Heavy Rain) |
|  | 12/27/15 15:45 CST |   | 0 | Source: Emergency Manager |

Several roads were closed due to flooding. A woman drove into flood waters on Mingo Road between 191st Street South and 201st Street South and was drowned.

Direct Fatalities: F54VE

**CHEROKEE COUNTY --- 1.2 NE ELLERVILLE [36.04, -94.89], 2.5 NNW ELLERVILLE [36.07, -94.91], 2.2 WSW SCRAPER [36.09, -94.87], 1.6 SSW SCRAPER [36.08, -94.84]**

|  |                    |  |   |                                |
|--|--------------------|--|---|--------------------------------|
|  | 12/27/15 16:30 CST |  | 0 | Flood (due to Heavy Rain)      |
|  | 12/28/15 14:15 CST |  | 0 | Source: Department of Highways |

Portions of Highway 10 between US 412 and US 62 were closed due to flooding.

**CHEROKEE COUNTY --- 1.5 W MELVIN [35.92, -95.21], 0.4 NNW MELVIN [35.93, -95.18], 0.1 W MELVIN [35.92, -95.18], 1.5 WSW MELVIN [35.91, -95.21]**

|  |                    |  |   |                                |
|--|--------------------|--|---|--------------------------------|
|  | 12/27/15 16:30 CST |  | 0 | Flood (due to Heavy Rain)      |
|  | 12/28/15 14:15 CST |  | 0 | Source: Department of Highways |

Portions of Highway 80 west of Hulbert were closed due to flooding.

**CHEROKEE COUNTY --- 2.0 NE ELDON [35.95, -94.80], 2.4 NNE ELDON [35.96, -94.82], 1.4 N ELDON [35.95, -94.83], 1.0 NE ELDON [35.94, -94.82]**

|  |                    |  |   |                                |
|--|--------------------|--|---|--------------------------------|
|  | 12/27/15 16:30 CST |  | 0 | Flood (due to Heavy Rain)      |
|  | 12/28/15 14:15 CST |  | 0 | Source: Department of Highways |

Portions of Highway 62 northeast of Eldon were closed due to flooding.

**DELAWARE COUNTY --- 1.7 S DENNIS [36.48, -94.87], 1.1 SSW ZENA [36.48, -94.86], 1.6 SSE ZENA [36.48, -94.84], 2.2 S ZENA [36.47, -94.85]**

|  |                    |  |   |                                |
|--|--------------------|--|---|--------------------------------|
|  | 12/27/15 16:30 CST |  | 0 | Flood (due to Heavy Rain)      |
|  | 12/28/15 14:15 CST |  | 0 | Source: Department of Highways |

Portions of Highway 127 northwest of Jay were closed due to flooding.

**HASKELL COUNTY --- 0.4 E KINTA [35.12, -95.22], 2.0 WNW LEQUIRE [35.11, -95.13], 2.3 WSW LEQUIRE [35.09, -95.14], 0.8 SSE KINTA [35.11, -95.22]**

|  |                    |  |   |                                |
|--|--------------------|--|---|--------------------------------|
|  | 12/27/15 16:30 CST |  | 0 | Flood (due to Heavy Rain)      |
|  | 12/28/15 14:15 CST |  | 0 | Source: Department of Highways |

Portions of Highway 31 between Highway 2 and Highway 82 were closed due to flooding.

**LATIMER COUNTY --- 1.5 NE HIGGINS [34.81, -95.43], 2.8 ENE HIGGINS [34.81, -95.40], 2.5 E HIGGINS [34.80, -95.41], 0.9 ENE HIGGINS [34.80, -95.43]**

|  |                    |  |   |                                |
|--|--------------------|--|---|--------------------------------|
|  | 12/27/15 16:30 CST |  | 0 | Flood (due to Heavy Rain)      |
|  | 12/28/15 14:15 CST |  | 0 | Source: Department of Highways |

Portions of Highway 1 southeast of Hartshorne were closed due to flooding.

**MAYES COUNTY --- 0.4 N SPAVINAW [36.39, -95.05], 1.0 NW SPAVINAW [36.39, -95.06], 0.9 WNW SPAVINAW [36.39, -95.06], 0.4 WNW SPAVINAW [36.38, -95.06]**

## Storm Data and Unusual Weather Phenomena - December 2015

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details         |
|---|--------------------|-------------------|---------------------|--------------------------------|
|   | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 14:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 20 southwest of Spavinaw were closed due to flooding.   |                    |                   |                     |                                |
| <b>MUSKOGEE COUNTY --- 1.9 ESE HYDE PARK [35.77, -95.27], 1.7 SSW FT GIBSON [35.78, -95.26], 2.3 S FT GIBSON [35.77, -95.26], 2.1 ESE HYDE PARK [35.77, -95.27]</b>         |                    |                   |                     |                                |
|   | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 14:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 10 near US 62 were closed due to flooding.  |                    |                   |                     |                                |
| <b>OKMULGEE COUNTY --- 0.8 NNE MORRIS [35.61, -95.85], 0.7 E ERAM [35.62, -95.74], 1.7 SSE ERAM [35.60, -95.74], 0.3 ESE MORRIS [35.60, -95.85]</b>                         |                    |                   |                     |                                |
|   | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 17:00 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 62 east of Morris were closed due to flooding.  |                    |                   |                     |                                |
| <b>OKMULGEE COUNTY --- 1.2 NE GRAYSON [35.51, -95.85], 0.6 NNE GRAYSON [35.51, -95.87], 0.4 ENE GRAYSON [35.50, -95.86], 1.0 ENE GRAYSON [35.50, -95.85]</b>                |                    |                   |                     |                                |
|   | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 17:00 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 266 were closed due to flooding.  |                    |                   |                     |                                |
| <b>OKMULGEE COUNTY --- 1.3 N BEGGS [35.75, -96.07], 2.9 N BEGGS [35.77, -96.07], 3.4 N BEGGS [35.78, -96.06], 1.6 NNE BEGGS [35.75, -96.06]</b>                             |                    |                   |                     |                                |
|   | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 17:00 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 75A were closed due to flooding.  |                    |                   |                     |                                |
| <b>PITTSBURG COUNTY --- 0.4 WSW BOND [34.82, -95.66], 0.7 S BOND [34.81, -95.65], 1.7 SW BOND [34.80, -95.67], 1.6 SW BOND [34.81, -95.67]</b>                              |                    |                   |                     |                                |
|   | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 11:30 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 63 were closed northeast of Blanco due to flooding.   |                    |                   |                     |                                |
| <b>PITTSBURG COUNTY --- 4.0 E ARPELAR [34.93, -95.90], 4.0 ENE ARPELAR [34.95, -95.90], 5.6 ENE ARPELAR [34.95, -95.87], 5.7 E ARPELAR [34.94, -95.87]</b>                  |                    |                   |                     |                                |
|   | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 14:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of US 270 east of Arpelar were closed due to flooding.   |                    |                   |                     |                                |
| <b>PITTSBURG COUNTY --- 4.8 W MC ALESTER [34.92, -95.85], 2.0 NE HAYWOOD [34.90, -95.92], 2.0 ENE HAYWOOD [34.89, -95.92], 4.2 WNW (MLC)MC ALESTER MUNI [34.91, -95.85]</b> |                    |                   |                     |                                |
|   | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 14:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 31 southwest of McAlester were closed due to flooding.  |                    |                   |                     |                                |
| <b>PUSHMATAHA COUNTY --- 4.0 E NASHOBA [34.48, -95.15], 2.5 E NASHOBA [34.48, -95.18], 2.4 E NASHOBA [34.48, -95.18], 1.6 WSW NOLIA [34.49, -95.16]</b>                     |                    |                   |                     |                                |
|   | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 11:30 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 144 were closed due to flooding.  |                    |                   |                     |                                |
| <b>PUSHMATAHA COUNTY --- 6.0 E TUSKAHOMA [34.62, -95.16], 0.9 NNE KIAMICHI [34.64, -95.17], 2.1 NE KIAMICHI [34.65, -95.15], 2.2 E KIAMICHI [34.63, -95.14]</b>             |                    |                   |                     |                                |
|   | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 11:30 CST |                   | 0                   | Source: Department of Highways |

## Storm Data and Unusual Weather Phenomena - December 2015

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details         |
|---|--------------------|-------------------|---------------------|--------------------------------|
| Portions of Highway 271 were closed due to flooding.  |                    |                   |                     |                                |
| <b>TULSA COUNTY --- 0.8 E SKIATOOK [36.37, -95.99], 1.3 E SKIATOOK [36.37, -95.98], 1.2 ESE SKIATOOK [36.36, -95.98], 0.8 ESE SKIATOOK [36.37, -95.99]</b>            |                    |                   |                     |                                |
|   | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 17:00 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 20 east of Skiatook were closed due to flooding.  |                    |                   |                     |                                |
| <b>TULSA COUNTY --- 1.0 SE SKIATOOK [36.36, -95.99], 0.8 SSE SKIATOOK [36.36, -95.99], 0.6 SE SKIATOOK [36.36, -95.99], 0.7 SE SKIATOOK [36.36, -95.99]</b>           |                    |                   |                     |                                |
|   | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 17:00 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 11 south of Skiatook were closed due to flooding.   |                    |                   |                     |                                |
| <b>TULSA COUNTY --- 1.1 N TURLEY [36.27, -95.97], 1.1 NNW TURLEY [36.27, -95.97], 2.0 N TURLEY [36.28, -95.97], 1.9 N TURLEY [36.28, -95.97]</b>                      |                    |                   |                     |                                |
|   | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 17:00 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 11 were closed between 76th and 86th Street North due to flooding.  |                    |                   |                     |                                |
| <b>WAGONER COUNTY --- 0.6 S WYBARK [35.81, -95.33], 0.7 SW WYBARK [35.81, -95.34], 1.3 SSW WYBARK [35.80, -95.34], 1.2 S WYBARK [35.80, -95.33]</b>                   |                    |                   |                     |                                |
|   | 12/27/15 16:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 14:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 16 south of Wagoner were closed due to flooding.  |                    |                   |                     |                                |
| <b>CHEROKEE COUNTY --- 3.5 ENE TAHLEQUAH [35.95, -94.92], 3.4 ENE TAHLEQUAH [35.94, -94.92], 2.9 ENE TAHLEQUAH [35.94, -94.92], 2.9 ENE TAHLEQUAH [35.94, -94.93]</b> |                    |                   |                     |                                |
|   | 12/27/15 16:37 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 14:15 CST |                   | 0                   | Source: Broadcast Media        |
| A rock slide closed a portion of Highway 10 north of Tahlequah.   |                    |                   |                     |                                |
| <b>MUSKOGEE COUNTY --- 0.6 NNE MUSKOGEE [35.76, -95.36], 0.7 NNE MUSKOGEE [35.76, -95.36], 0.7 NE MUSKOGEE [35.76, -95.36], 0.6 NE MUSKOGEE [35.76, -95.36]</b>       |                    |                   |                     |                                |
|   | 12/27/15 19:25 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 14:15 CST |                   | 0                   | Source: Public                 |
| An automobile dealership in Muskogee was flooded with water up to the bottom of the vehicles' doors.  |                    |                   |                     |                                |
| <b>LATIMER COUNTY --- 4.0 S RED OAK [34.89, -95.08], 2.9 S RED OAK [34.91, -95.08], 2.9 SSW RED OAK [34.91, -95.09], 4.0 S RED OAK [34.89, -95.09]</b>                |                    |                   |                     |                                |
|   | 12/27/15 20:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 14:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 82 south of Red Oak were closed due to flooding.  |                    |                   |                     |                                |
| <b>LE FLORE COUNTY --- 5.0 SE WISTER [34.92, -94.66], 1.3 S WISTER [34.95, -94.72], 2.8 S WISTER [34.93, -94.73], 3.0 N SETTLEMENT [34.91, -94.68]</b>                |                    |                   |                     |                                |
|   | 12/27/15 20:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 11:30 CST |                   | 0                   | Source: Department of Highways |
| Portions of US 270 southeast of Wister were closed due to flooding.   |                    |                   |                     |                                |
| <b>NOWATA COUNTY --- 3.0 E LENAPAH [36.85, -95.58], 2.2 E LENAPAH [36.85, -95.59], 2.2 E LENAPAH [36.85, -95.59], 2.9 E LENAPAH [36.85, -95.58]</b>                   |                    |                   |                     |                                |
|   | 12/27/15 20:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/28/15 17:00 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 10 east of Lenapah were closed due to flooding.   |                    |                   |                     |                                |

## Storm Data and Unusual Weather Phenomena - December 2015

| Location   | Date/Time          | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details         |
|--|--------------------|----------------------|------------------------|--------------------------------|
| <b>OKFUSKEE COUNTY --- 2.7 NNE BEARDEN [35.39, -96.37], 1.6 NE BEARDEN [35.37, -96.36], 1.4 N BEARDEN [35.37, -96.38], 2.7 N BEARDEN [35.39, -96.38]</b>                   |                    |                      |                        |                                |
|  | 12/27/15 20:30 CST |                      | 0                      | Flood (due to Heavy Rain)      |
|  | 12/28/15 17:00 CST |                      | 0                      | Source: Department of Highways |
| Portions of Highway 48 southwest of Okemah were closed due to flooding.  |                    |                      |                        |                                |
| <b>OTTAWA COUNTY --- 1.2 S MIAMI [36.86, -94.88], 1.9 S MIAMI [36.85, -94.88], 1.8 S MIAMI [36.85, -94.89], 1.2 SSW MIAMI [36.86, -94.89]</b>                              |                    |                      |                        |                                |
|  | 12/27/15 20:30 CST |                      | 0                      | Flood (due to Heavy Rain)      |
|  | 12/28/15 17:00 CST |                      | 0                      | Source: Department of Highways |
| Portions of Highway 125 were closed at Riverview Park on the southwest side of Miami.  |                    |                      |                        |                                |
| <b>PITTSBURG COUNTY --- 1.1 WNW ULAN [35.13, -95.90], 1.1 SSE SCIPIO [35.04, -95.96], 3.2 WNW SCIPIO [35.07, -96.02], 2.9 WNW ULAN [35.13, -95.93]</b>                     |                    |                      |                        |                                |
|  | 12/27/15 23:00 CST | 1                    | 0                      | Flood (due to Heavy Rain)      |
|  | 12/28/15 10:00 CST |                      | 0                      | Source: Emergency Manager      |
| Roads were flooded around Scipio. A man drove a truck into flood waters covering Ragan Road and was drown .  |                    |                      |                        |                                |
| Direct Fatalities: M36VE   |                    |                      |                        |                                |
| <b>CHEROKEE COUNTY --- 1.8 N ELDON [35.96, -94.84], 3.5 NNE ELDON [35.98, -94.81], 2.7 NE ELDON [35.96, -94.79], 1.1 NE ELDON [35.94, -94.82]</b>                          |                    |                      |                        |                                |
|  | 12/28/15 05:30 CST |                      | 0                      | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                      | 0                      | Source: Department of Highways |
| Portions of Highway 62 east of Highway 51 were closed due to flooding.   |                    |                      |                        |                                |
| <b>CHEROKEE COUNTY --- 2.5 NE TAHLEQUAH [35.95, -94.94], 2.9 NNW ROBBINS [35.94, -94.90], 7.4 NE SCRAPER [36.17, -94.73], 5.5 NNW SCRAPER [36.18, -94.85]</b>              |                    |                      |                        |                                |
|  | 12/28/15 05:30 CST |                      | 0                      | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                      | 0                      | Source: Department of Highways |
| Portions of Highway 10 between Highway 62 and Highway 412 were closed due to flooding.   |                    |                      |                        |                                |
| <b>CHEROKEE COUNTY --- HULBERT [35.93, -95.15], 0.3 NE MELVIN [35.92, -95.18], 0.6 SE MELVIN [35.91, -95.17], 0.7 S HULBERT [35.92, -95.15]</b>                            |                    |                      |                        |                                |
|  | 12/28/15 05:30 CST |                      | 0                      | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                      | 0                      | Source: Department of Highways |
| Portions of Highway 80 approximately 3 miles west of Hulbert were closed due to flooding.  |                    |                      |                        |                                |
| <b>HASKELL COUNTY --- KINTA [35.12, -95.23], 1.1 NW LEQUIRE [35.11, -95.11], 0.7 SW LEQUIRE [35.09, -95.11], 1.0 S KINTA [35.11, -95.23]</b>                               |                    |                      |                        |                                |
|  | 12/28/15 05:30 CST |                      | 0                      | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                      | 0                      | Source: Department of Highways |
| Portions of Highway 31 between Highway 2 and Highway 82 were closed due to flooding.   |                    |                      |                        |                                |
| <b>LATIMER COUNTY --- 0.1 SW RED OAK [34.95, -95.08], 4.1 S RED OAK [34.89, -95.09], 4.0 N BENGAL [34.89, -95.07], 0.5 ESE RED OAK [34.95, -95.07]</b>                     |                    |                      |                        |                                |
|  | 12/28/15 05:30 CST |                      | 0                      | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                      | 0                      | Source: Department of Highways |
| Portions of Highway 82 from Red Oak south approximately four miles were closed due to flooding.  |                    |                      |                        |                                |
| <b>LATIMER COUNTY --- 2.2 SSE CAMBRIA [34.84, -95.51], 2.5 WNW VETERANS COLONY [34.81, -95.34], 2.5 SSW VETERANS COLONY [34.77, -95.32], 3.3 S CAMBRIA [34.82, -95.52]</b> |                    |                      |                        |                                |
|  | 12/28/15 05:30 CST |                      | 0                      | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                      | 0                      | Source: Department of Highways |
| Portions of Highway 1 between Highway 270 and Highway 2 were closed due to flooding.   |                    |                      |                        |                                |
| <b>LE FLORE COUNTY --- 1.3 SW WISTER [34.95, -94.73], 3.4 N SETTLEMENT [34.92, -94.69], 3.3 WSW HOWE [34.93, -94.68], 0.7 SSE WISTER [34.96, -94.71]</b>                   |                    |                      |                        |                                |

## Storm Data and Unusual Weather Phenomena - December 2015

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details         |
|--|--------------------|-------------------|---------------------|--------------------------------|
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 270 between Wister and Heavener were closed due to flooding.   |                    |                   |                     |                                |
| <b>MAYES COUNTY --- 0.8 NNW SPAVINAW [36.39, -95.06], 1.0 NW SPAVINAW [36.39, -95.06], 0.8 NW SPAVINAW [36.39, -95.06], 0.7 NW SPAVINAW [36.39, -95.06]</b>                                |                    |                   |                     |                                |
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 20 south of Spavinaw were closed due to flooding.  |                    |                   |                     |                                |
| <b>MUSKOGEE COUNTY --- 0.2 WNW WEBBERS FALLS [35.52, -95.13], 3.1 WSW WEBBERS FALLS [35.50, -95.18], 3.1 WSW WEBBERS FALLS SHEFFI [35.49, -95.17], 0.7 S WEBBERS FALLS [35.51, -95.13]</b> |                    |                   |                     |                                |
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 64 east of Warner were closed due to flooding.   |                    |                   |                     |                                |
| <b>NOWATA COUNTY --- 3.7 E LENAPAH [36.85, -95.56], 5.0 E LENAPAH [36.86, -95.54], 5.1 E LENAPAH [36.85, -95.54], 4.0 E LENAPAH [36.85, -95.56]</b>  |                    |                   |                     |                                |
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 10 east of Highway 169 were closed due to flooding.  |                    |                   |                     |                                |
| <b>OKFUSKEE COUNTY --- 2.7 N BEARDEN [35.39, -96.38], 2.9 NNE BEARDEN [35.39, -96.37], 1.6 NNE BEARDEN [35.37, -96.37], 1.6 N BEARDEN [35.37, -96.37]</b>                                  |                    |                   |                     |                                |
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 48 between Bearden and I-40 were closed due to flooding.   |                    |                   |                     |                                |
| <b>OTTAWA COUNTY --- 1.1 SSW MIAMI [36.86, -94.88], 2.6 S MIAMI [36.84, -94.89], 2.4 S MIAMI [36.84, -94.88], 1.1 S MIAMI [36.86, -94.88]</b>  |                    |                   |                     |                                |
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 125 were closed due to flooding.   |                    |                   |                     |                                |
| <b>PITTSBURG COUNTY --- 1.4 WNW MC ALESTER [34.94, -95.79], 3.0 W MC ALESTER [34.93, -95.82], 2.9 W MC ALESTER [34.92, -95.82], 1.4 W MC ALESTER [34.93, -95.79]</b>                       |                    |                   |                     |                                |
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 31 southwest of McAlester were closed due to flooding.   |                    |                   |                     |                                |
| <b>PITTSBURG COUNTY --- 1.6 W HAILEYVILLE [34.85, -95.60], 0.7 NW CRAIG [34.84, -95.63], 0.3 WNW CRAIG [34.83, -95.63], 1.5 WSW HAILEYVILLE [34.85, -95.60]</b>                            |                    |                   |                     |                                |
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 63 between Haileyville and Blanco were closed due to flooding.   |                    |                   |                     |                                |
| <b>PITTSBURG COUNTY --- ARPELAR [34.93, -95.97], 1.3 N ARPELAR [34.95, -95.97], 4.1 W NORTH MC ALESTER [34.95, -95.84], 3.5 W MC ALESTER [34.94, -95.83]</b>                               |                    |                   |                     |                                |
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 270 east of the Indian Nation Turnpike to Arpelar were closed due to flooding.   |                    |                   |                     |                                |
| <b>PUSHMATAHA COUNTY --- 0.9 N TUSKAHOMA [34.63, -95.27], 2.1 W ALBION [34.67, -95.14], 3.6 E KIAMICHI [34.62, -95.12], 1.4 SSE TUSKAHOMA [34.60, -95.26]</b>                              |                    |                   |                     |                                |

## Storm Data and Unusual Weather Phenomena - December 2015

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details         |
|--|--------------------|-------------------|---------------------|--------------------------------|
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of US-271 between Tuskahoma and Albion were closed due to flooding.   |                    |                   |                     |                                |
| <b>SEQUOYAH COUNTY --- 0.4 SE NICUT [35.58, -94.57], 2.5 W SHORT [35.57, -94.52], 2.5 WSW SHORT [35.56, -94.52], 1.2 SSE NICUT [35.56, -94.57]</b>                           |                    |                   |                     |                                |
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 101 west of the Arkansas state line were closed due to flooding.   |                    |                   |                     |                                |
| <b>SEQUOYAH COUNTY --- 1.7 ENE BRENT [35.38, -94.75], 2.5 ENE BRENT [35.39, -94.74], 2.4 E BRENT [35.38, -94.74], 1.8 E BRENT [35.37, -94.75]</b>                            |                    |                   |                     |                                |
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 141 west of Gans were closed due to flooding.  |                    |                   |                     |                                |
| <b>TULSA COUNTY --- 1.1 N TURLEY [36.27, -95.97], 1.9 N TURLEY [36.28, -95.97], 2.0 N TURLEY [36.28, -95.98], 1.1 NNW TURLEY [36.26, -95.98]</b>                             |                    |                   |                     |                                |
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 11 between 76th and 86th Street North were closed due to flooding.   |                    |                   |                     |                                |
| <b>TULSA COUNTY --- 2.3 S SKIATOOK [36.34, -95.99], 0.4 ESE SKIATOOK [36.37, -95.99], 0.7 ESE SKIATOOK [36.37, -95.99], 2.3 SSE SKIATOOK [36.34, -95.99]</b>                 |                    |                   |                     |                                |
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 11 between Highway 20 and 126th Street North were closed due to flooding.  |                    |                   |                     |                                |
| <b>WAGONER COUNTY --- 2.6 SSE LA BARGE [35.94, -95.37], 3.2 S LA BARGE [35.93, -95.37], 3.2 SW WAGONER AIRSTRIP [35.93, -95.37], 2.6 SSE LA BARGE [35.94, -95.37]</b>        |                    |                   |                     |                                |
|  | 12/28/15 05:30 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/29/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 16 south of Wagoner were closed due to flooding.   |                    |                   |                     |                                |
| <b>LE FLORE COUNTY --- 2.2 SW ARKOMA [35.33, -94.48], 1.2 WSW BRADEN [35.28, -94.52], 0.5 ESE BRADEN [35.28, -94.49], 2.0 W BASHE [35.32, -94.47]</b>                        |                    |                   |                     |                                |
|  | 12/29/15 12:25 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/30/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 9A were closed from Arkoma to the US-271 junction.   |                    |                   |                     |                                |
| <b>MAYES COUNTY --- LANGLEY [36.47, -95.05], 2.4 NNW SPAVINAW [36.41, -95.06], 2.4 N SPAVINAW [36.41, -95.05], 0.4 ESE LANGLEY [36.47, -95.04]</b>                           |                    |                   |                     |                                |
|  | 12/29/15 12:25 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/30/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 82 were closed between Langley and Spavinaw due to flooding.   |                    |                   |                     |                                |
| <b>MUSKOGEE COUNTY --- 2.1 E WARNER [35.50, -95.26], 1.3 WSW WEBBERS FALLS [35.51, -95.15], 2.1 WSW WEBBERS FALLS SHEFFI [35.49, -95.16], 2.4 ESE WARNER [35.49, -95.26]</b> |                    |                   |                     |                                |
|  | 12/29/15 12:25 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/30/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 64 were closed due to flooding from three miles east of Warner to the Highway 100 junction near Webbers Falls.   |                    |                   |                     |                                |
| <b>OTTAWA COUNTY --- 0.9 ESE MIAMI [36.87, -94.87], 0.8 WSW MIAMI [36.88, -94.89], 1.1 SSW MIAMI [36.87, -94.89], 1.0 SE MIAMI [36.87, -94.87]</b>                           |                    |                   |                     |                                |
|  | 12/29/15 12:25 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|  | 12/30/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Roads were flooded and closed south of Miami.  |                    |                   |                     |                                |

## Storm Data and Unusual Weather Phenomena - December 2015

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details         |
|---|--------------------|-------------------|---------------------|--------------------------------|
| <b>OTTAWA COUNTY --- 1.5 S MIAMI [36.86, -94.88], 2.0 S MIAMI [36.85, -94.88], 2.0 S MIAMI [36.85, -94.88], 1.5 S MIAMI [36.86, -94.88]</b>                                       |                    |                   |                     |                                |
|   | 12/29/15 12:25 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/30/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 125 were closed due to flooding.  |                    |                   |                     |                                |
| <b>PUSHMATAHA COUNTY --- 0.6 NE CRUM CREEK [34.53, -95.49], 1.2 NNE STANLEY [34.55, -95.47], 0.9 NE STANLEY [34.54, -95.46], 0.7 ENE CRUM CREEK [34.52, -95.49]</b>               |                    |                   |                     |                                |
|   | 12/29/15 12:25 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/30/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 2 were closed due to flooding.  |                    |                   |                     |                                |
| <b>SEQUOYAH COUNTY --- 0.3 NNE WEST FT SMITH [35.40, -94.45], 1.9 NE GREENWOOD JCT [35.45, -94.44], 2.3 NE GREENWOOD JCT [35.45, -94.44], 0.9 E WEST FT SMITH [35.40, -94.43]</b> |                    |                   |                     |                                |
|   | 12/29/15 12:25 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/30/15 01:15 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 64 were closed from Moffett to I-40 due to flooding.  |                    |                   |                     |                                |
| <b>CHEROKEE COUNTY --- 0.9 WSW MELVIN [35.91, -95.19], 0.7 W MELVIN [35.92, -95.19], 0.2 NNW MELVIN [35.92, -95.18], 0.4 S MELVIN [35.91, -95.18]</b>                             |                    |                   |                     |                                |
|   | 12/30/15 16:00 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 80 southwest of Hulbert remained closed due to continued flooding.  |                    |                   |                     |                                |
| <b>CHEROKEE COUNTY --- 8.7 SSW MELVIN [35.81, -95.26], 4.7 SSW MELVIN [35.86, -95.23], 4.8 SSW MELVIN [35.86, -95.22], 8.5 SSW MELVIN [35.81, -95.25]</b>                         |                    |                   |                     |                                |
|   | 12/30/15 16:00 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 80 between Fort Gibson and the Highway 251 junction were closed due to flooding.  |                    |                   |                     |                                |
| <b>CHOCTAW COUNTY --- 1.8 E UNGER [34.03, -95.75], 1.1 ESE UNGER [34.03, -95.76], 1.4 ESE UNGER [34.02, -95.76], 2.0 ESE UNGER [34.02, -95.75]</b>                                |                    |                   |                     |                                |
|   | 12/30/15 16:00 CST |                   | 50K                 | Flood (due to Heavy Rain)      |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 70 between Boswell and Soper were reduced to one lane for repairs to damage from extensive flooding.  |                    |                   |                     |                                |
| <b>HASKELL COUNTY --- 2.8 SSE ENTERPRISE [35.18, -95.37], 3.5 SSW ENTERPRISE [35.17, -95.40], 2.3 SSW ENTERPRISE [35.19, -95.39], 2.0 S ENTERPRISE [35.19, -95.38]</b>            |                    |                   |                     |                                |
|   | 12/30/15 16:00 CST |                   | 10K                 | Flood (due to Heavy Rain)      |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 71 were reduced to one lane between Enterprise and Quinton for repairs to drainage structures that were damaged from extensive flooding.                      |                    |                   |                     |                                |
| <b>LE FLORE COUNTY --- 1.2 WSW BRADEN [35.28, -94.52], 0.7 N ARKOMA [35.36, -94.45], 1.0 SE ARKOMA [35.34, -94.44], 0.6 ESE BRADEN [35.28, -94.49]</b>                            |                    |                   |                     |                                |
|   | 12/30/15 16:00 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways |
| Portions of Highway 9A from Arkoma to the US-271 junction remained closed due to continued flooding.  |                    |                   |                     |                                |
| <b>LE FLORE COUNTY --- 1.3 SW WISTER [34.96, -94.74], 3.5 N SETTLEMENT [34.92, -94.69], 2.9 WSW HOWE [34.93, -94.68], 0.6 SSE WISTER [34.96, -94.72]</b>                          |                    |                   |                     |                                |
|   | 12/30/15 16:00 CST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways |
| Portions of US-270 between Wister Lake and Heavener remained closed due to continued flooding.  |                    |                   |                     |                                |

## Storm Data and Unusual Weather Phenomena - December 2015

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details            |
|---|--------------------|-------------------|---------------------|-----------------------------------|
| <b>MAYES COUNTY --- 0.8 NNW SPAVINAW [36.39, -95.06], 1.0 NW SPAVINAW [36.39, -95.06], 0.9 NW SPAVINAW [36.39, -95.06], 0.7 NW SPAVINAW [36.39, -95.06]</b>   |                    |                   |                     |                                   |
|   | 12/30/15 16:00 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways    |
| Portions of Highway 20 south of Spavinaw remained closed due to continued flooding.   |                    |                   |                     |                                   |
| <b>NOWATA COUNTY --- 4.0 E LENAPAH [36.85, -95.56], 5.2 E LENAPAH [36.85, -95.54], 5.1 E LENAPAH [36.86, -95.54], 4.1 ENE LENAPAH [36.86, -95.56]</b>   |                    |                   |                     |                                   |
|   | 12/30/15 16:00 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways    |
| Portions of Highway 10 east of Highway 169 remained closed due to continued flooding.   |                    |                   |                     |                                   |
| <b>OKMULGEE COUNTY --- 4.0 E MORRIS [35.60, -95.78], 1.8 W ERAM [35.62, -95.78], 2.1 ENE ERAM [35.63, -95.71], 2.3 ESE ERAM [35.60, -95.72]</b>   |                    |                   |                     |                                   |
|   | 12/30/15 16:00 CST |                   | 50K                 | Flood (due to Heavy Rain)         |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways    |
| Portions of Highway 62 east of Morris were closed due to roadway damage resulting from extensive flooding.  |                    |                   |                     |                                   |
| <b>OTTAWA COUNTY --- 1.0 S MIAMI [36.87, -94.88], 1.2 S MIAMI [36.86, -94.88], 1.3 S MIAMI [36.86, -94.88], 1.1 S MIAMI [36.86, -94.88]</b>   |                    |                   |                     |                                   |
|   | 12/30/15 16:00 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways    |
| Portions of Highway 125 near Riverview park remained closed due to continued flooding.  |                    |                   |                     |                                   |
| <b>OTTAWA COUNTY --- 2.0 S MIAMI [36.85, -94.88], 1.5 S MIAMI [36.86, -94.88], 1.5 S MIAMI [36.86, -94.88], 2.0 S MIAMI [36.85, -94.88]</b>   |                    |                   |                     |                                   |
|   | 12/30/15 16:00 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways    |
| Portions of Highway 125 remained closed due to continued flooding.  |                    |                   |                     |                                   |
| <b>SEQUOYAH COUNTY --- 0.3 NNE WEST FT SMITH [35.40, -94.45], 1.9 NE GREENWOOD JCT [35.45, -94.44], 2.2 NE GREENWOOD JCT [35.45, -94.44], 0.9 E WEST FT SMITH [35.40, -94.43]</b>   |                    |                   |                     |                                   |
|   | 12/30/15 16:00 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/31/15 12:45 CST |                   | 0                   | Source: Department of Highways    |
| Portions of Highway 64 from Moffett to I-40 remained closed due to ongoing flooding.  |                    |                   |                     |                                   |
| <p><b>A strong upper level low pressure system moved from the desert southwest into the Southern Plains in late December. Unseasonably moist air was in place across the region ahead of this approaching system as Pacific moisture in the mid and upper levels combined with very moist air in the low levels from the Gulf of Mexico. Strong atmospheric lift from the approaching upper level low and a warm front moving across the area, combined with this moisture, resulted in widespread locally heavy rainfall and isolated severe weather.</b></p> <p><b>Widespread eight to ten inches of rain fell across much of eastern Oklahoma with locally up to a foot of rain recorded. Widespread and significant flooding occurred across the area as a result. Daily rainfall records were broken during this event at Tulsa, Muskogee, and McAlester. This heavy rain event to end the month of December also resulted in it being the wettest December on record at Muskogee with 13.40 inches observed during the month, and at McAlester where 10.50 inches fell. The Tulsa area received its second wettest December on record with 8.60 inches of rain.</b></p> |                    |                   |                     |                                   |
| <b>CHEROKEE COUNTY --- TAHLEQUAH [35.92, -94.97], 4.2 S ELLERVILLE [35.97, -94.91], 0.9 SW ELDON [35.92, -94.84], 1.8 WSW WELLING [35.87, -94.91]</b>   |                    |                   |                     |                                   |
|   | 12/27/15 00:00 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/30/15 15:00 CST |                   | 0                   | Source: Official NWS Observations |
| The Illinois River near Tahlequah rose above its flood stage of 11 feet at midnight CST on December 27th. The river crested at 30.69 feet at 1:00 pm CST on the 28th, resulting in record flooding. Devastating flooding occurred along the Illinois River from the Chewey Bridge to the headwaters of Lake Tenkiller. Highway 10 was closed northeast of its intersection with Highway 51, and many cabin parks were severely flooded. Monetary damage estimates were not available. The river fell below its flood stage at 3:00 pm CST on the 30th.  |                    |                   |                     |                                   |
| <b>ADAIR COUNTY --- WATTS [36.12, -94.57], 2.1 N WATTS [36.15, -94.57], 2.2 NW WATTS [36.14, -94.60], 2.2 W WATTS [36.12, -94.61]</b>   |                    |                   |                     |                                   |
|   | 12/27/15 00:15 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/29/15 10:30 CST |                   | 0                   | Source: Official NWS Observations |



## Storm Data and Unusual Weather Phenomena - December 2015

| Location   | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|-----------|-------------------|---------------------|------------------------|
| The Illinois River near Watts rose above its flood stage of 13 feet at 12:15 am CST on December 27th. The river crested at 28.64 feet at 2:00 am CST on the 28th, resulting in record flooding. Disastrous flooding occurred from the Arkansas border to the Chewey Bridge, with many permanent campgrounds and cabins overtopped. Monetary damage estimates were not available. The river fell below flood stage at 10:30 am CST on the 29th. |           |                   |                     |                        |

---

|   |                    |  |   |                                   |
|---|--------------------|--|---|-----------------------------------|
| <b>CHEROKEE COUNTY --- 0.9 NW ELDON [35.94, -94.84], 1.3 ENE ELDON [35.94, -94.81], 0.7 S ELDON [35.92, -94.83], 0.9 SW ELDON [35.92, -94.84]</b> |                    |  |   |                                   |
|   | 12/27/15 06:15 CST |  | 0 | Flood (due to Heavy Rain)         |
|   | 12/28/15 09:45 CST |  | 0 | Source: Official NWS Observations |

The Baron Fork River near Eldon rose above its flood stage of 18 feet at 6:15 am CST on December 27th. The river crested at 25.44 feet at 9:30 pm CST on the 27th, resulting in major flooding. Campgrounds and cabins were severely flooded. The river fell below flood stage at 9:45 am on the 28th.

---

|  |                    |  |   |                                   |
|--|--------------------|--|---|-----------------------------------|
| <b>MUSKOGEE COUNTY --- CHASE [35.80, -95.35], 1.8 WNW FT GIBSON [35.81, -95.28], 4.8 N BRAGGS [35.74, -95.20], 3.5 SE BACONE [35.72, -95.28]</b> |                    |  |   |                                   |
|  | 12/27/15 09:00 CST |  | 0 | Flood (due to Heavy Rain)         |
|  | 12/31/15 23:00 CST |  | 0 | Source: Official NWS Observations |

The Arkansas River near Muskogee rose above its flood stage of 28 feet at 9:00 am CST on December 27th. The river crested at 35.41 feet at 5:45 pm CST on the 29th, resulting in major flooding. Agricultural land was inundated by flood waters and portions of the OG&E power plant grounds were flooded. The river fell below its flood stage at 11:00 pm CST on the 31st.

---

|  |                    |  |   |                                   |
|--|--------------------|--|---|-----------------------------------|
| <b>LE FLORE COUNTY --- 1.8 SE SHADY PT [35.11, -94.65], 0.9 NE COAL CREEK [35.19, -94.66], 2.4 ESE SCULLYVILLE [35.24, -94.53], 0.9 SW ARKOMA [35.34, -94.46], 2.8 SSW BASHE [35.28, -94.44]</b> |                    |  |   |                                   |
|  | 12/27/15 12:15 CST |  | 0 | Flood (due to Heavy Rain)         |
|  | 12/31/15 23:59 CST |  | 0 | Source: Official NWS Observations |

The Poteau River near Panama rose above its flood stage of 29 feet at 12:15 am CST on December 27th. The river crested at 44.97 feet at 12:15 am CST on the 29th, resulting in major flooding. Devastating flooding occurred with numerous county roads inundated by flood waters and extensive flooding of agricultural land. The river remained in flood through the end of the month, finally falling below flood stage at 11:00 pm CST on January 4th.

---

|  |                    |  |   |                                   |
|--|--------------------|--|---|-----------------------------------|
| <b>LE FLORE COUNTY --- 0.7 N POTEAU KERR ARPT [35.03, -94.62], 2.6 WSW GILMORE [35.03, -94.57], 0.9 NE NEFF [35.08, -94.59], 0.9 NW NEFF [35.08, -94.61]</b> |                    |  |   |                                   |
|  | 12/27/15 13:00 CST |  | 0 | Flood (due to Heavy Rain)         |
|  | 12/31/15 23:59 CST |  | 0 | Source: Official NWS Observations |

The Poteau River near Poteau rose above its flood stage of 24 feet at 1:00 pm CST on December 27th. The river crested at 31.44 feet at 6:15 am CST on the 28th, resulting in major flooding. Extensive flooding of cropland occurred. Many county roads were inundated by flood water. The river remained in flood through the end of the month, finally falling below flood stage at 12:45 pm CST on January 3rd.

---

|  |                    |  |   |                                   |
|--|--------------------|--|---|-----------------------------------|
| <b>DELAWARE COUNTY --- 1.2 W FLINT [36.20, -94.72], 1.6 ENE FLINT [36.21, -94.67], 2.5 SSE FLINT [36.17, -94.68], 2.9 SW FLINT [36.17, -94.74]</b> |                    |  |   |                                   |
|  | 12/27/15 22:45 CST |  | 0 | Flood (due to Heavy Rain)         |
|  | 12/28/15 09:30 CST |  | 0 | Source: Official NWS Observations |

The Flint Creek near Kansas rose above its flood stage of 11 feet at 10:45 pm CST on December 27th. The river crested at 14.13 feet at 4:00 am CST on the 27th, resulting in moderate flooding. The river began to fall but after another round of heavy rainfall, the river crested a second time at 16.04 feet at 10:30 pm CST on the 27th, resulting in major flooding (3rd highest crest on record). Farmland and permanent campgrounds were flooded. The river fell below its flood stage at 9:30 am CST on the 28th.

**A strong upper level low pressure system moved from the desert southwest into the Southern Plains in late December. Unseasonably moist air was in place across the region ahead of this approaching system as Pacific moisture in the mid and upper levels combined with very moist air in the low levels from the Gulf of Mexico. Strong atmospheric lift from the approaching upper level low and a warm front moving across the area, combined with this moisture, resulted in widespread locally heavy rainfall.**

**Eight to ten inches of rain fell across much of eastern Oklahoma. This excessive rainfall caused record flooding of the Illinois River near Watts and Tahlequah; major flooding of the Baron Fork near Eldon, the Flint Creek near Kansas, the Arkansas River near Muskogee, and the Poteau River near Poteau and Panama.**

---

|   |                    |  |   |                                   |
|---|--------------------|--|---|-----------------------------------|
| <b>TULSA COUNTY --- 2.4 NNE COLLINSVILLE [36.40, -95.81], 3.6 NNE COLLINSVILLE [36.42, -95.81], 3.8 NNE COLLINSVILLE [36.42, -95.80], 2.7 NE COLLINSVILLE [36.40, -95.80]</b> |                    |  |   |                                   |
|   | 12/27/15 01:45 CST |  | 0 | Flood (due to Heavy Rain)         |
|   | 12/30/15 06:00 CST |  | 0 | Source: Official NWS Observations |

The Caney River near Collinsville rose above its flood stage of 26 feet at 1:45 am CST on December 27th. The river crested at 31.89 feet at 10:30 pm CST on the 28th, resulting in moderate flooding. Considerable farmland was flooded and roads near the river were inundated. The river fell below flood stage at 6:00 am CST on the 30th.

## Storm Data and Unusual Weather Phenomena - December 2015

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details            |
|---|--------------------|-------------------|---------------------|-----------------------------------|
| <b>TULSA COUNTY --- 1.3 ENE TURLEY [36.26, -95.95], 2.2 NE TURLEY [36.27, -95.94], 2.9 ENE SPERRY [36.31, -95.95], 1.3 ENE SPERRY [36.31, -95.98]</b> |                    |                   |                     |                                   |
|   | 12/27/15 02:30 CST |                   | 0                   | Flood (due to Heavy Rain)         |
|   | 12/28/15 23:45 CST |                   | 0                   | Source: Official NWS Observations |

Bird Creek near Sperry rose above its flood stage of 21 feet at 2:30 am CST on December 27th. The river crested at 27.02 feet at 9:30 pm CST on the 27th, resulting in moderate flooding. The river fell below flood stage at 11:45 pm CST on the 28th.

|   |                    |  |   |                                   |
|---|--------------------|--|---|-----------------------------------|
| <b>TULSA COUNTY --- 2.7 NW (TUL)TULSA INTL ARPT [36.23, -95.91], 1.8 WNW (TUL)TULSA INTL ARPT [36.21, -95.91], 3.0 SSE OWASSO [36.23, -95.83], 0.7 S OWASSO [36.26, -95.85]</b> |                    |  |   |                                   |
|   | 12/27/15 02:45 CST |  | 0 | Flood (due to Heavy Rain)         |
|   | 12/29/15 10:30 CST |  | 0 | Source: Official NWS Observations |

Bird Creek near Owasso rose above its flood stage of 18 feet at 2:45 am CST on December 27th. The river crested at 23.51 feet at 5:30 pm CST on the 28th, resulting in moderate flooding. Extensive flooding occurred in Mohawk Park with access roads inaccessible. Mingo Road between 56th Street north and 66th Street North was closed. The river fell below flood stage at 10:30 am CST on the 29th.

|  |                    |  |   |                                   |
|--|--------------------|--|---|-----------------------------------|
| <b>CREEK COUNTY --- 3.9 W KIEFER [35.95, -96.14], 1.8 WSW KIEFER [35.94, -96.10], 1.3 ESE HILTON [36.01, -96.03], 1.5 NNW HILTON [36.04, -96.06]</b> |                    |  |   |                                   |
|  | 12/27/15 04:00 CST |  | 0 | Flood (due to Heavy Rain)         |
|  | 12/29/15 06:30 CST |  | 0 | Source: Official NWS Observations |

The Polecat Creek near Sapulpa rose above its flood stage of 21 feet at 4:00 am CST on December 27th. The river crested at 28.20 feet at 5:45 pm CST on the 27th, resulting in moderate flooding. Severe flooding occurred to pasturelands, oil fields, and county roads between Sapulpa and Jenks. The river fell below flood stage at 6:30 am CST on the 29th.

**A strong upper level low pressure system moved from the desert southwest into the Southern Plains in late December. Unseasonably moist air was in place across the region ahead of this approaching system as Pacific moisture in the mid and upper levels combined with very moist air in the low levels from the Gulf of Mexico. Strong atmospheric lift from the approaching upper level low and a warm front moving across the area, combined with this moisture, resulted in widespread locally heavy rainfall. Eight to ten inches of rain fell across much of northeastern Oklahoma. This excessive rainfall caused moderate flooding of the Polecat Creek near Sapulpa, moderate flooding of the Caney River near Collinsville, and moderate flooding of the Bird Creek near Sperry and Owasso.**

|  |                    |  |   |                                   |
|--|--------------------|--|---|-----------------------------------|
| <b>OTTAWA COUNTY --- 6.8 WNW NORTH MIAMI [36.94, -95.00], 3.1 WSW MIAMI [36.86, -94.93], 1.8 SE MIAMI [36.86, -94.86], 4.6 WNW NORTH MIAMI [36.94, -94.96]</b> |                    |  |   |                                   |
|  | 12/27/15 02:00 CST |  | 0 | Flood (due to Heavy Rain)         |
|  | 12/30/15 23:00 CST |  | 0 | Source: Official NWS Observations |

The Neosho River near Commerce rose above its flood stage of 15 feet at 2:00 am CST on December 27th. The river crested at 20.39 feet at 10:00 pm CST on the 28th, resulting in moderate flooding. Highway 125 was flooded. Agricultural land was inundated, as was Riverview Park. The river fell below flood stage at 11:00 pm CST on the 30th.

|   |                    |  |   |                                   |
|---|--------------------|--|---|-----------------------------------|
| <b>OTTAWA COUNTY --- 2.7 NNE LINCOLNVILLE [36.97, -94.73], 1.4 ENE OTTAWA [36.86, -94.78], 3.3 NNE WYANDOTTE [36.84, -94.71], 3.0 NE LINCOLNVILLE [36.95, -94.70]</b> |                    |  |   |                                   |
|   | 12/27/15 02:15 CST |  | 0 | Flood (due to Heavy Rain)         |
|   | 12/31/15 08:45 CST |  | 0 | Source: Official NWS Observations |

The Spring River near Quapaw rose above its flood stage of 20 feet at 2:15 am CST on December 27th. The river crested at 39.77 feet at 1:00 am CST on the 29th, resulting in major flooding. Some homes near the river were isolated by flood water. Agricultural lands and county roads were flooded to a depth of several feet. The river fell below flood stage at 8:45 am CST on the 31st.

**A strong upper level low pressure system moved from the desert southwest into the Southern Plains in late December. Unseasonably moist air was in place across the region ahead of this approaching system as Pacific moisture in the mid and upper levels combined with very moist air in the low levels from the Gulf of Mexico. Strong atmospheric lift from the approaching upper level low and a warm front moving across the area, combined with this moisture, resulted in widespread locally heavy rainfall.**

**Eight to ten inches of rain fell across much of northeastern Oklahoma. This excessive rainfall caused moderate flooding of the Neosho River near Commerce, and major flooding of the Spring River near Quapaw.**

|   |                    |  |   |                                   |
|---|--------------------|--|---|-----------------------------------|
| <b>OKMULGEE COUNTY --- 4.5 W BEGGS [35.72, -96.15], 0.7 S MURDELL [35.66, -95.98], 4.1 SSW OKMULGEE [35.58, -96.01], 3.2 NNW NUYAKA [35.69, -96.16]</b> |                    |  |   |                                   |
|   | 12/27/15 10:15 CST |  | 0 | Flood (due to Heavy Rain)         |
|   | 12/31/15 23:59 CST |  | 0 | Source: Official NWS Observations |

## Storm Data and Unusual Weather Phenomena - December 2015

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

The Deep Fork River near Beggs rose above its flood stage of 18 feet at 10:15 am CST on December 27th. The river crested at 27.46 feet at 5:00 am CST on the 29th, resulting in major flooding. Severe agricultural flooding occurred. Roads north and west of Okmulgee were closed and homes were isolated. Dentonville Road southwest of Beggs was closed. The river remained in flood through the end of the month, finally falling below flood stage at 2:45 am CST on January 4th.

**A strong upper level low pressure system moved from the desert southwest into the Southern Plains in late December. Unseasonably moist air was in place across the region ahead of this approaching system as Pacific moisture in the mid and upper levels combined with very moist air in the low levels from the Gulf of Mexico. Strong atmospheric lift from the approaching upper level low and a warm front moving across the area, combined with this moisture, resulted in widespread locally heavy rainfall.**

**Eight to ten inches of rain fell across much of northeastern Oklahoma. This excessive rainfall caused major flooding of the Deep Fork River near Beggs.**

|  |                    |                                   |
|--|--------------------|-----------------------------------|
| <b>PUSHMATAHA COUNTY --- MOYERS [34.32, -95.65], 0.9 NW ANTLERS [34.24, -95.63], 0.7 N ETHEL [34.24, -95.55], 1.7 E MOYERS [34.32, -95.62]</b> |                    |                                   |
|  | 12/27/15 14:45 CST | 0                                 |
|  | 12/31/15 08:30 CST | 0                                 |
|  |                    | Flood (due to Heavy Rain)         |
|  |                    | Source: Official NWS Observations |

The Kiamichi River near Antlers rose above its flood stage of 25 feet at 2:45 pm CST on December 27th. The river crested at 37.39 feet at 6:00 pm CST on the 28th, resulting in major flooding (3rd historic crest on record). Numerous structures were flooded along the west bank of the river near Moyers. Buildings on campgrounds were flooded by several feet. Monetary damage estimates were not available. The river fell below flood stage at 8:30 am CST on the 31st.

**A strong upper level low pressure system moved from the desert southwest into the Southern Plains in late December. Unseasonably moist air was in place across the region ahead of this approaching system as Pacific moisture in the mid and upper levels combined with very moist air in the low levels from the Gulf of Mexico. Strong atmospheric lift from the approaching upper level low and a warm front moving across the area, combined with this moisture, resulted in widespread locally heavy rainfall.**

**Eight to ten inches of rain fell across much of southeastern Oklahoma. This excessive rainfall caused major flooding of the Kiamichi River near Antlers.**

|   |                    |                       |
|---|--------------------|-----------------------|
| <b>(OK-Z054) OSAGE, (OK-Z057) CRAIG</b> |                    |                       |
|   | 12/27/15 21:00 CST | 0                     |
|   | 12/28/15 00:00 CST | 0                     |
|   |                    | High Wind (MAX 56 kt) |

**A strong storm system moved through the Southern Plains on the 27th. The very strong surface low moved across southeastern Oklahoma with high pressure building into the region from the north, resulting in a very tight pressure gradient across northeastern Oklahoma. Widespread wind gusts of 40 to 50 mph occurred throughout the region with the Oklahoma Mesonet stations near Wynona in Osage County and Centralia in Craig County measuring 59 mph and 64 mph wind gusts, respectively, during the event.**