

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---|
| ALABAMA, Central | | | | |
| (AL-Z015) WALKER, (AL-Z017) BLOUNT, (AL-Z018) ETOWAH, (AL-Z019) CALHOUN, (AL-Z021) CLEBURNE, (AL-Z022) PICKENS, (AL-Z023) TUSCALOOSA, (AL-Z024) JEFFERSON, (AL-Z025) SHELBY, (AL-Z026) ST. CLAIR, (AL-Z027) TALLADEGA, (AL-Z034) BIBB, (AL-Z045) MACON, (AL-Z046) BULLOCK, (AL-Z048) RUSSELL, (AL-Z049) PIKE, (AL-Z050) BARBOUR | | | | |
| | 02/01/18 00:00 CST | | 0 | Drought |
| | 02/13/18 12:00 CST | | 0 | |
| Much above normal rainfall during the first half of the month of February erased rainfall deficits across all of Central Alabama and brought all counties below Severe Drought (D2) status. | | | | |
| SUMTER COUNTY --- 1.8 NNE BOYD [32.64, -88.30] | | | | |
| | 02/07/18 05:08 CST | | 0 | Thunderstorm Wind (EG 50 kt) |
| | 02/07/18 05:09 CST | | 0 | Source: Emergency Manager |
| Convenience store lost part of its roof and shingles reported blown off a nearby home. | | | | |
| SUMTER COUNTY --- 0.3 WSW SILOAM [32.43, -88.28], 1.7 E SILOAM [32.43, -88.24] | | | | |
| | 02/07/18 05:11 CST | | 0 | Tornado (EF0, L: 1.97 mi , W: 150 yd) |
| | 02/07/18 05:14 CST | | 0 | Source: NWS Storm Survey |
| The National Weather Service surveyed damage near Siloam in southern Sumter County and determined the damage was consistent with an EF0 tornado, with maximum sustained winds near 80 mph. The tornado started on the east side of a private lake south of Buck Creek where it uprooted two trees, one causing minor damage to a lake house roof. The tornado continued east into a forested area near Buck Creek where it uprooted several more trees. The tornado continued east toward a convenience store at the intersection of County Road 9 and Highway 17. It caused heavy roof damage to the south side of a house and tore two pieces of sheet metal off of the convenience store. The tornado continued east through a densely forested area and tree damage was found further east along a portion of Walker Road between Highway 17 and U.S. Highway 80. The tornado likely dissipated just to the east of this point. | | | | |
| MARENGO COUNTY --- 2.6 NNW OLD SPRING HILL [32.46, -87.79], 3.1 NW FAUNSDALE [32.48, -87.62] | | | | |
| | 02/07/18 05:44 CST | | 0 | Tornado (EF1, L: 10.07 mi , W: 1100 yd) |
| | 02/07/18 05:57 CST | | 0 | Source: NWS Storm Survey |
| The National Weather Service surveyed damage in northern Marengo County and determined the damage was consistent with an EF1 tornado, with maximum sustained winds near 100 mph. The tornado began near the intersection of U.S. Highway 43 and County Road 54 where damage to cedar trees was observed. The tornado continued east through a heavily forested area and crossed French Creek. Tree damage was observed along County Road 1. The tornado moved further east crossing Alabama Highway 69 where, on the north side, a large tree crushed the south side of a single wide mobile home. Further south, on the south side of the path, near Windsor Drive and Alabama Highway 69, a large farm equipment building lost its roof and walls while wooden supports remained intact. Two mobile homes nearby sustained minor damage to their roofs and siding on the south side. A recreational camper was blown over and crushed a vehicle. Trees were uprooted and split in the vicinity. The tornado pushed east, paralleling Windsor Drive, and caused additional damage to trees that were either uprooted or split. The damage peaked where a single wide mobile home was lofted and blown to the northeast about 30 feet from its original position. The mobile home was less than a year old but appeared to lack any substantial anchoring system. The walls and roof were completely torn away from the floor base and nearly all of the contents were deposited downwind. This appears to be the climax of the tornado's intensity, and winds were estimated to be near 100 mph. To the south of the mobile home's original position was a metal barn that collapsed and destroyed. The tornado made a slight turn to the northeast where it caused damage to an agricultural crop sprinkler system and snapped a power pole along Allenville Road. It then crossed U.S. Highway 80 and damaged two road signs and caused timber damage. The tornado continued northeast and crossed into Hale County near Cottonwood Creek. | | | | |
| BIBB COUNTY --- 0.3 WSW BIBB MILL [32.95, -86.92], 0.4 ENE BIBB MILL [32.95, -86.91] | | | | |
| | 02/07/18 05:51 CST | | 0 | Tornado (EF0, L: 0.67 mi , W: 50 yd) |
| | 02/07/18 05:52 CST | | 0 | Source: NWS Storm Survey |
| The National Weather Service surveyed damage in southeast Bibb County and determined the damage was consistent with an EF0 tornado, with maximum sustained winds near 65 mph. The tornado touched down just to the west of Shady Grove Road just north of the Randolph Community. About 20-30 trees were either snapped or uprooted. Roof damage occurred to one home on Shady Grove Loop when a tree fell on it. Another home had a few shingles removed on Alabama Highway 139. The tornado dissipated just to the east of Highway 139. | | | | |
| HALE COUNTY --- 4.9 ESE GALLION [32.48, -87.62], 5.9 S SLEDGE [32.49, -87.60] | | | | |
| | 02/07/18 05:57 CST | | 0 | Tornado (EF0, L: 1.36 mi , W: 455 yd) |
| | 02/07/18 05:58 CST | | 0 | Source: NWS Storm Survey |

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|--|--------------------|----------------------|------------------------|---------------------------------------|
| <p>The National Weather Service surveyed damage in southeast Hale County and determined the damage was consistent with an EF0 tornado, with maximum sustained winds near 65 mph. This tornado was a continuation of a tornado that began near Highway 43 in Marengo County. The tornado crossed into Hale County near Cottonwood Creek and was in a dissipation phase, only producing some minor damage to trees before it dissipated near County Road 25.</p> | | | | |
| CHILTON COUNTY --- 2.1 WNW JEMISON [32.96, -86.78], 1.1 NNE JEMISON [32.96, -86.74] | | | | |
| | 02/07/18 06:03 CST | 0 | | Tornado (EF0, L: 2.49 mi , W: 300 yd) |
| | 02/07/18 06:06 CST | 0 | | Source: NWS Storm Survey |

The National Weather Service surveyed damage in northern Chilton County and determined the damage was consistent with an EF0 tornado, with maximum sustained winds near 80 mph. The tornado began near the intersection of County Road 25 and County Road 42, about 2 miles west of the city of Jemison, and traveled east along County Road 42. Damage was minimal at first and confined to downed limbs and a loss of metal roofing and shingles on a few structures. The tornado quickly intensified and grew wider near the intersection of County Road 42 and County Road 38, where numerous structures sustained damage. The St. James Highland Bible Church lost a significant portion of its metal roof and wooden trusses. The roof did not appear to be particularly well constructed, and the damage was consistent with winds near 80 mph. Supporting evidence for the classification of a tornado was quite strong in this location, and debris from the church was thrown northward across the path of the tornado. Several homes near this location also sustained a loss of shingles and other roof covering materials. The tornado weakened somewhat as it moved towards downtown Jemison, where falling trees caused significant damage to mobile homes near the intersection of Patton Street and Hotel Street. As the tornado moved just east of U.S. Highway 31, damage was relatively minor and limited to carports, shingles, and a few uprooted trees. The tornado dissipated about one quarter mile east of U.S. Highway 31 near Chilton Circle.

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| AUTAUGA COUNTY --- 2.1 N INDEPENDENCE [32.56, -86.72], 2.0 W JOFFRE [32.57, -86.68] | | | | |
| | 02/07/18 07:04 CST | 0 | | Tornado (EF0, L: 1.97 mi , W: 150 yd) |
| | 02/07/18 07:08 CST | 0 | | Source: NWS Storm Survey |

The National Weather Service surveyed damage in central Autauga County and determined the damage was consistent with an EF0 tornado, with maximum sustained winds near 70 mph. The tornado touched down just to the west of County Road 79 in rural Autauga County and moved eastward towards County Road 19. Numerous trees were snapped and uprooted along the path. The damage path widened just to the west of County Road 19. A single family home sustained minor siding damage and several trees were snapped and uprooted around the home. Splattering of debris was noted on two sides of the home. The tornado dissipated near County Road 19.

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| MARENGO COUNTY --- 0.8 SW NICHOLSVILLE [32.01, -87.91], 0.8 SSE NICHOLSVILLE [32.01, -87.90] | | | | |
| | 02/07/18 07:16 CST | 0 | | Tornado (EF0, L: 0.78 mi , W: 100 yd) |
| | 02/07/18 07:18 CST | 0 | | Source: NWS Storm Survey |

The National Weather Service surveyed damage in extreme southern Marengo County near the town of Nicholville and determined the damage was consistent with an EF0 tornado, with maximum sustained winds near 60 mph. The tornado touched down in the Nicholville Community just to the northwest of Crystal Lane. Several trees were uprooted or snapped as the tornado crossed Crystal Lane. A barn then sustained significant roof damage, where pieces of the metal roof were thrown about. Additional trees were snapped and uprooted as the tornado crossed County Road 87 and Nicholville Road. The most significant damage occurred along Nicholville Road where a portable metal carport was turned upside down, and two large pine trees were snapped. A large barn sustained significant roof damage very close to where the pine trees were snapped. Pieces of the metal roof were thrown at least 100 yards across a field to the east of the barn. A few trees were snapped or had a few large limbs broken off across the field east of Nicholville Road. The estimated ending point of the tornado was at this location, as no further damage was found to the east.

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| LEE COUNTY --- 0.6 E POWLEDGE [32.63, -85.14] | | | | |
| | 02/07/18 09:15 CST | 0 | | Hail (1.25 in) |
| | 02/07/18 09:15 CST | 0 | | Source: Broadcast Media |

A line of thunderstorms moved across Central Alabama during the early morning hours of Wednesday, February 7, 2018. Supercells embedded within the line were responsible for producing large hail, damaging winds, and several tornadoes. Severe weather was not anticipated as most model guidance indicated insufficient instability and wind shear for the development of supercells, tornadoes and other severe convective hazards. Even so, a marginal risk was highlighted for the western and southern portions of Central Alabama. The storms exhibited organization and frequent lightning, indicators that instability was likely higher than expected. The radar signatures were marginal at best and therefore, only a few Severe Thunderstorm Warnings were issued during the event.

ALABAMA, North

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| LAUDERDALE COUNTY --- 1.7 W JACKSONBURG [34.88, -87.70] | | | | |
| | 02/25/18 00:00 CST | | 0.20K | Thunderstorm Wind (EG 43 kt) |
| | 02/25/18 00:00 CST | | 0 | Source: Emergency Manager |

A tree was knocked down along CR 7 north of Florence.

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|---|--------------------|-------------------|---------------------|------------------------------|
| COLBERT COUNTY --- 1.3 ENE UNDERWOOD XRDS [34.76, -87.51] | | | | |
| | 02/25/18 00:22 CST | | 0.50K | Thunderstorm Wind (EG 52 kt) |
| | 02/25/18 00:22 CST | | 0 | Source: Public |
| A power pole was knocked down at 9100 2nd Street. | | | | |
| COLBERT COUNTY --- 0.7 N UNDERWOOD XRDS [34.76, -87.53] | | | | |
| | 02/25/18 00:23 CST | | 0.50K | Thunderstorm Wind (EG 52 kt) |
| | 02/25/18 00:23 CST | | 0 | Source: Public |
| A power pole was knocked down at 8345 2nd Street. | | | | |
| A broken line of strong to severe thunderstorms entered northwest Alabama during the early morning hours. A couple reports of minor wind damage were received. | | | | |
| LAUDERDALE COUNTY --- 1.5 SSW SULLIVAN XRDS [34.88, -87.81], 1.1 SSW SULLIVAN XRDS [34.89, -87.81], 1.2 SW SULLIVAN XRDS [34.89, -87.82], 1.4 SW SULLIVAN XRDS [34.89, -87.82] | | | | |
| | 02/28/18 08:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| CR 112 closed at this location due to flooding. | | | | |
| LAUDERDALE COUNTY --- 1.3 WSW SULLIVAN XRDS [34.89, -87.82], 0.9 SW SULLIVAN XRDS [34.89, -87.81], 1.3 SW SULLIVAN XRDS [34.89, -87.82], 1.5 SW SULLIVAN XRDS [34.89, -87.82] | | | | |
| | 02/28/18 08:31 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| CR 81 closed at this location due to flooding. | | | | |
| LAUDERDALE COUNTY --- 1.5 SSW SULLIVAN XRDS [34.88, -87.81], 1.6 SW SULLIVAN XRDS [34.88, -87.82], 1.3 SW SULLIVAN XRDS [34.89, -87.82], 1.0 SSW SULLIVAN XRDS [34.89, -87.81] | | | | |
| | 02/28/18 08:31 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| Corrects previous flood report from 7W Underwood-Petersville. County Roads 112 and 81 closed due to high water. | | | | |
| LAUDERDALE COUNTY --- 1.7 W PRITTON [34.98, -87.65], 1.5 WSW PRITTON [34.97, -87.65], 2.0 NNE ZIP CITY [34.98, -87.66], 2.0 W PRITTON [34.98, -87.66] | | | | |
| | 02/28/18 12:19 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| CR 298 was closed due to flooding at this location. | | | | |
| LAUDERDALE COUNTY --- 1.1 E JOHNSON XRDS [34.97, -87.73], 0.8 ENE JOHNSON XRDS [34.97, -87.74], 1.0 ENE JOHNSON XRDS [34.98, -87.73], 1.4 ENE JOHNSON XRDS [34.98, -87.73] | | | | |
| | 02/28/18 13:10 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| County Road 139 was closed due to flooding. | | | | |
| LAUDERDALE COUNTY --- 1.5 SSE CENTER HILL [34.93, -87.42], 1.4 SSE CENTER HILL [34.93, -87.42], 1.7 SSE CENTER HILL [34.93, -87.42], 1.6 SSE CENTER HILL [34.93, -87.42] | | | | |
| | 02/28/18 13:13 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| CR 485 was closed at this location due to flooding. | | | | |
| LIMESTONE COUNTY --- 0.7 S ATHENS [34.79, -86.98], 0.7 SSE ATHENS [34.79, -86.98], 1.4 S ATHENS [34.78, -86.98], 1.3 S ATHENS [34.78, -86.98] | | | | |
| | 02/28/18 17:55 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Utility Company |
| Levert Avenue south of Hwy72 closed due to 6-8 inches of water covering the roadway near Commercial Drive. | | | | |

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|--|--------------------|----------------------|------------------------|---------------------------------|
| JACKSON COUNTY --- 1.4 S HOLLYTREE [34.78, -86.25], 1.4 S HOLLYTREE [34.78, -86.25], 0.9 NNE TRENTON [34.76, -86.24], 1.1 NNW LITTLE NASHVILLE [34.76, -86.24] | | | | |
| | 02/28/18 20:53 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Amateur Radio |
| About 6 to 8 inches of water covering Hwy 65 near the 11-mile marker. Tree limbs and debris also in floodwaters from the Paint Rock Rover covering the road. | | | | |
| JACKSON COUNTY --- 1.1 W SCOTTSBORO MUNI ARPT [34.70, -86.02], 1.6 W SCOTTSBORO MUNI ARPT [34.70, -86.03], 1.4 NNE SCOTTSBORO [34.69, -86.02], 1.2 WSW SCOTTSBORO MUNI ARPT [34.69, -86.02] | | | | |
| | 02/28/18 21:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| About a foot of water over Tupelo Pike near Center Point Baptist Church. | | | | |
| JACKSON COUNTY --- 1.3 WSW FAIRVIEW [34.62, -85.82], 1.5 W FAIRVIEW [34.63, -85.83], 0.8 WSW FAIRVIEW [34.63, -85.81], 1.0 SW FAIRVIEW [34.62, -85.81] | | | | |
| | 02/28/18 21:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| About a foot of water over U.S. Hwy 40 near Happy Home Baptist Church. | | | | |
| JACKSON COUNTY --- 1.5 NNW HOLLYWOOD [34.74, -85.99], 2.2 N HOLLYWOOD [34.75, -85.99], 1.7 E PIKEVILLE [34.75, -86.00], 1.4 NNW HOLLYWOOD [34.74, -85.99] | | | | |
| | 02/28/18 21:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| Around a foot of water across CR229. | | | | |
| JACKSON COUNTY --- 3.1 NE HOLLYWOOD [34.75, -85.94], 2.8 WSW WANNVILLE [34.75, -85.92], 3.1 SW WANNVILLE [34.75, -85.92], 2.4 ENE HOLLYWOOD [34.74, -85.94] | | | | |
| | 02/28/18 21:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| Two feet of water reported over CR 36 in the 1200 block. | | | | |
| JACKSON COUNTY --- 0.6 W HIGDON [34.85, -85.64], 1.1 WNW HIGDON [34.85, -85.65], 1.0 WNW HIGDON [34.86, -85.64], 0.5 WNW HIGDON [34.85, -85.64] | | | | |
| | 02/28/18 21:03 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| About a foot of water covering CR92 in several places between Davis Drive and Highway 71. | | | | |
| JACKSON COUNTY --- 0.6 W RASH [34.87, -85.91], 0.9 WNW RASH [34.87, -85.91], 0.7 NW RASH [34.88, -85.91], 0.4 NW RASH [34.88, -85.90] | | | | |
| | 02/28/18 21:03 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| Over a foot of water covering CR53 in the Rash Community. | | | | |
| JACKSON COUNTY --- 0.9 SW FACKLER [34.81, -85.94], 0.9 SSW FACKLER [34.81, -85.94], 1.0 SW FACKLER [34.81, -85.94], 1.0 SW FACKLER [34.81, -85.94] | | | | |
| | 02/28/18 21:03 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| CR42 between Houston Branch and Roach Cove near CR560 is barricaded due to flooding. | | | | |
| JACKSON COUNTY --- 1.8 SE LIM ROCK [34.65, -86.18], 1.3 SE LIM ROCK [34.66, -86.18], 1.9 SE LIM ROCK [34.65, -86.17], 1.4 N ASPEL [34.64, -86.17] | | | | |
| | 02/28/18 21:03 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| Over a foot of water covering CR 11 in a few spots between Highways 72 and 35. | | | | |

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| JACKSON COUNTY --- 2.7 SW PLEASANT GROVE [34.70, -86.25], 2.1 SSW PLEASANT GROVE [34.70, -86.23], 3.0 WNW LIM ROCK [34.69, -86.25], 3.0 SE GARTH [34.69, -86.26] | | | | |
| | 02/28/18 21:03 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| Over a foot of water covering CR 8 in the Nat Mountain Community. Road is barricaded and closed at this time. | | | | |

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| JACKSON COUNTY --- HOLLYTREE [34.80, -86.25], 0.7 S HOLLYTREE [34.79, -86.25], 0.7 SSW HOLLYTREE [34.79, -86.25], 0.1 WNW HOLLYTREE [34.80, -86.25] | | | | |
| | 02/28/18 22:50 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Amateur Radio |
| Estimate of 14 inches of water flowing over Hwy 65 at MM11 near Mt. Nebo Baptist Church. | | | | |

Widespread heavy rainfall impacted the area from February 28th through the 1st of March, with lingering flooding conditions lasting the better part of 7 days. Rainfall totals of 4 to 6 inches fell across much of the area, leading to areal and river flooding. All of the WFO Huntsville HSA river forecast points had some type of product out for them during this event. To date, that's only happened one or two other times in the office's history.

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| CULLMAN COUNTY --- 1.4 WSW COUNTY LINE [34.29, -86.72], 0.5 NW COUNTY LINE [34.31, -86.71] | | | | |
| | 02/28/18 16:46 CST | | 0 | Tornado (EF0, L: 1.34 mi , W: 100 yd) |
| | 02/28/18 16:48 CST | | 0 | Source: NWS Storm Survey |
| The tornado first touched down along CR 1526. Here several trees had damage including large limbs snapped and a few small trees were uprooted. A home sustained shingle and gutter damage in this area. | | | | |

The tornado moved northeast crossing CR 1527. Here some shallow rooted trees were pushed over with others having limbs snapped. The tornado reached a maximum intensity of around 75 mph as it crossed CR 1542. A rather large barn sustained significant roof damage. A nearby home had its porch damaged when the roof sustained partial uplift and movement.

Another barn in an adjacent field also sustained substantial damage with most of the roof being pulled off and damage to at least one supporting side. The tornado lifted in a field just south of Pentecost Road.

A series of mini-supercells with little or no lightning developed during the late afternoon hours across portions of northwest and north central Alabama south of the Tennessee River. One of these produced a brief tornado in Cullman County.

ALABAMA, Southeast

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| (AL-Z065) COFFEE, (AL-Z066) DALE, (AL-Z067) HENRY, (AL-Z068) GENEVA, (AL-Z069) HOUSTON | | | | |
| | 02/01/18 00:00 EST | | 0 | Drought |
| | 02/13/18 00:00 EST | | 0 | |
| Heavy rain ended the D2 drought across southeast Alabama by 2/13/18. | | | | |

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| HOUSTON COUNTY --- 1.4 ENE GARRETTS CROSSROADS [31.05, -85.41] | | | | |
| | 02/07/18 12:12 CST | | 3K | Thunderstorm Wind (EG 50 kt) |
| | 02/07/18 12:12 CST | | 0 | Source: Emergency Manager |
| A tree was blown down across the carport of a residence. | | | | |

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| HOUSTON COUNTY --- 2.2 NNW MADRID [31.06, -85.40] | | | | |
| | 02/07/18 12:14 CST | | 0.10M | Thunderstorm Wind (EG 55 kt) |
| | 02/07/18 12:14 CST | 2 | 0 | Source: Emergency Manager |
| Six mobile homes were damaged due to high winds. One of the mobile homes blew over and sustained major damage. This resulted in 2 minor injuries. | | | | |

Isolated to scattered thunderstorms occurred across the Wiregrass on February 7th ahead of a cold front. One storm briefly became severe in the Madrid area of Houston county. A mobile home blew over due to high straight line winds, resulting in two minor injuries.

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| HOUSTON COUNTY --- 2.2 S MADRID [31.00, -85.39], 2.7 WSW SEALY SPRINGS [31.02, -85.34] | | | | |
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| | 02/11/18 03:42 CST | | 0 | Tornado (EF0, L: 2.81 mi , W: 25 yd) |
| | 02/11/18 03:48 CST | | 0 | Source: NWS Storm Survey |

A tornado touched down in northwest Jackson county and briefly moved into far southern Houston county. Structural damage was minimal with minor roof damage in Graceville in Jackson county. There was no reported structural damage in Houston county as the tornado tracked through a forested area. Trees were also blown down along the track with a dual-pol tornadic debris signature observed on radar in far southern Houston county due to tree debris. This tornado was rated EF0 with max winds estimated at 65 mph based on the observed damage.

HOUSTON COUNTY --- PANSEY [31.15, -85.17]

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| 02/11/18 04:15 CST | 5K | Thunderstorm Wind (EG 50 kt) |
| 02/11/18 04:15 CST | 0 | Source: Emergency Manager |

Minor shingle damage was reported in the Pansey area.

GENEVA COUNTY --- 3.0 SSE SAMSON LOGAN MUNICIPAL ARPT [31.06, -86.04], 3.1 SSE SAMSON LOGAN MUNICIPAL ARPT [31.06, -86.04], 3.5 SSE SAMSON LOGAN MUNICIPAL ARPT [31.05, -86.04], 3.3 SSE SAMSON LOGAN MUNICIPAL ARPT [31.06, -86.04]

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|--------------------|---|---------------------------|
| 02/11/18 19:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/12/18 04:00 CST | 0 | Source: 911 Call Center |

Rosewood Road was closed due to flooding from a long duration of moderate to occasionally heavy rain. This road intersects with a small stream that likely overflowed.

HOUSTON COUNTY --- 1.1 WNW JONES CROSSROADS [31.22, -85.50], 1.1 WNW JONES CROSSROADS [31.21, -85.50], 1.0 WNW JONES CROSSROADS [31.21, -85.50], 1.0 WNW JONES CROSSROADS [31.22, -85.50]

| | | |
|--------------------|----|---------------------------|
| 02/11/18 19:00 CST | 5K | Flood (due to Heavy Rain) |
| 02/12/18 04:00 CST | 0 | Source: 911 Call Center |

Standing water on Carnegie street resulted in the asphalt rising from recent road work and caused a 1 foot deep hole. This was due to a long duration of moderate to occasionally heavy rainfall. Damage cost was estimated.

HOUSTON COUNTY --- 1.7 SE DOTHAN [31.20, -85.37], 1.8 SE DOTHAN [31.20, -85.37], 1.7 SE DOTHAN [31.21, -85.37], 1.7 SE DOTHAN [31.21, -85.37]

| | | |
|--------------------|---|---------------------------|
| 02/11/18 19:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/12/18 04:00 CST | 0 | Source: State Official |

A portion of Haven Dr at Ross Clark Circle was covered in water due to a long duration of moderate to occasionally heavy rain.

HOUSTON COUNTY --- 2.6 W KINSEY [31.30, -85.37], 2.6 W KINSEY [31.30, -85.37], 2.9 WNW KINSEY [31.30, -85.38], 3.0 WNW KINSEY [31.30, -85.38]

| | | |
|--------------------|---|---------------------------|
| 02/11/18 19:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/12/18 04:00 CST | 0 | Source: 911 Call Center |

Suggs Road was completely closed due to flooding from a long duration of moderate to occasionally heavy rain. This road is near a small creek that likely overflowed.

For the first time since January 2017, an event including both flooding and tornadoes impacted our area starting on February 11, 2018. Two tornadoes touched down across inland portions of the Florida Panhandle before sunrise, followed by persistent heavy rainfall that resulted in flooding at several river sites. One of the tornadoes clipped far southern Houston county. As an upper level trough dug southward across the western and central U.S., southerly flow drew moisture from the Gulf of Mexico northward into the tri-state area over the weekend. Upper air soundings measured this increased moisture with precipitable water values around 1.5 inches on Sunday, well above the 90th percentile and a record for the 12z February 11 sounding, although the record for that date and time are below the average max for this time of year. With a cold front and upper level trough west of the area, the persistent deep layer moisture helped to create a favorable set-up for high rainfall amounts. This wet pattern resulted in copious amounts of rainfall across the tri-state region. The highest rainfall amounts were across the Florida Panhandle where 8 to 10 inches fell with localized areas receiving more than 10 inches across coastal Walton and Bay counties. The highest observed rainfall total was in Walton County, where a 48-hour rainfall total of 11.45 inches was recorded. Across southeast Alabama and portions of southwest Georgia, widespread 6 to 8 inches of rain fell. While one Flash Flood Warning was issued, the majority of the impacts from this event were from moderate rainfall rates over a prolonged period of time as convection trained across the tri-state area. These high rainfall totals resulted in numerous road closures across the Florida Panhandle from water covered roads and washed out roadways. In addition, a few roads were closed across southeast Alabama.

ALABAMA, Southwest

WASHINGTON COUNTY --- 5.3 NNE YELLOW PINE [31.47, -88.38], 5.5 NNE YELLOW PINE [31.47, -88.38]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------------------|
| | 02/10/18 17:18 CST | | 10K | Tornado (EF0, L: 0.17 mi , W: 100 yd) |
| | 02/10/18 17:19 CST | | 0 | Source: NWS Storm Survey |

A brief EF-0 tornado touched down just south of Hwy 56 and east of Flat Branch Road. The tornado resulted in damage to the metal roof of a residence along with one window blown out. Scattered softwood tree damage was noted along the short path.

A brief, weak tornado touched down near Chatom and caused minor damage.

ALASKA, Southeast

(AK-Z023) CAPE DECISION TO SALISBURY SOUND COASTAL AREA, (AK-Z026) INNER CHANNELS FROM KUPREANOF ISLAND TO ETOLIN ISLAND, (AK-Z028) SOUTHERN INNER CHANNELS, (AK-Z029) MISTY FJORDS

| | | |
|---------------------|---|--------------|
| 02/01/18 18:00 AKST | 0 | Winter Storm |
| 02/03/18 00:00 AKST | 0 | |

On the first day of February, a strong area of frontogenesis developed with the front moving north into the southern panhandle. N-NE-E outflow wind will kept temperatures cold enough on the north side of the front to allow snow to get up to southern Admiralty Island. Increases in 850mb temps above freezing late Thursday night into Friday morning made the rain/snow line critical and difficult to forecast. Significant snowfall occurred for Port Alexander, Petersburg, Wrangell, Point Baker and Coffman Cove. Ketchikan had wintry mix. No damage was reports and the impact was snow removal.

Some places could have had blizzard conditions with this event due to strong outflow. Port Alex had gusts of around 40kt during bands of snow. Highest snow falls extended a little farther south than expected. Petersburg, to Whale Pass to Thorne Bay, and Coffman Cove got buried. lighter amounts elsewhere. Snow changed to rain early in Ketchikan and overnight at Kasaan limited snow amounts to 1 to 2 inches there. Hyder still snowing as of 11 am 2/2 with ~7 inches accumulated so far, and up to 9.3 inches as of 730 pm. Unknown about Port Alexander and Kake.

(AK-Z018) TAIYA INLET AND KLONDIKE HIGHWAY, (AK-Z025) JUNEAU BOROUGH AND NORTHERN ADMIRALTY ISLAND

| | | |
|---------------------|---|-----------------------|
| 02/02/18 06:15 AKST | 0 | High Wind (MAX 65 kt) |
| 02/04/18 18:00 AKST | 0 | |

Arctic high pressure built over the Yukon up to 1042 MB by the morning of 2/2. At the same time, a moderate low 998 MB moved to off Sitka Sound resulting in very strong pressure differences across northern SE Alaska through 2/4. Winds to 75 MPH were observed but the damage was minimal. Ferry service for Lynn Canal was disrupted for a few days due to large wind waves and freezing spray.

(AK-Z018) TAIYA INLET AND KLONDIKE HIGHWAY

| | | |
|---------------------|---|-----------------------|
| 02/07/18 21:00 AKST | 0 | High Wind (MAX 55 kt) |
| 02/08/18 16:00 AKST | 0 | |

Another outflow event was characterized by a 1050 MB high over the Yukon and temperatures in the mid -40s over Canada. Strong pressure gradients and moderate cold advection caused high wind gusts at the Skagway marine exchange site. A more glancing blow of cold air as opposed to the last system combined with the lack of strong low pressure to the south limited gusts below 70 mph and also the length of the outflow event. No damage was reported.

(AK-Z025) JUNEAU BOROUGH AND NORTHERN ADMIRALTY ISLAND, (AK-Z026) INNER CHANNELS FROM KUPREANOF ISLAND TO ETOLIN ISLAND

| | | |
|---------------------|---|------------|
| 02/12/18 16:00 AKST | 0 | Heavy Snow |
| 02/13/18 09:00 AKST | 0 | |

On Monday 2/12 and Tuesday morning 2/13 Juneau and Petersburg got hit with a heavy snow storm that was not well forecasted. By Tuesday morning Juneau got 6 to 15 inches of new snow plus some freezing drizzle, and Petersburg got 7 to 8 inches. This was due to deep WSW flow aloft that was expected to rain, but cold air never changed over.

(AK-Z029) MISTY FJORDS

| | | |
|---------------------|---|--------------|
| 02/13/18 06:47 AKST | 0 | Winter Storm |
| 02/13/18 15:00 AKST | 0 | |

Post frontal snow showers hammered Hyder on the night of 2/13 into the morning of 2/14. Storm total was 15.3 inches new snow in 24 hours. Impact was snow removal.

(AK-Z026) INNER CHANNELS FROM KUPREANOF ISLAND TO ETOLIN ISLAND

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|---------------------|-------------------|---------------------|------------------------|
| | 02/22/18 15:00 AKST | | 0 | Winter Storm |
| | 02/23/18 06:07 AKST | | 0 | |

A short wave upper trough moved over the Panhandle on the night of 2/22, and the associated front caused heavy snow for the Central Panhandle. Cold air in place closer to the coast mountains will result in heavy snow with a high water content. Most snow was 10 to 1 or less which made heavy snow removal the main impact.

Temperatures in Juneau warmed up into the mid 30s overnight on 2/22 causing Downtown, Lemon Creek, and the airport to change over to rain (with less than an inch of snow accumulation before that). Snow continued in the mendenhall valley but rates were low enough that only around an inch of accumulation was observed. For Petersburg and Wrangell temperatures also warmed overnight 2/22 but more snow was observed before the change over especially at Petersburg. wildly varying snow amounts with less than 1 inch at Kake and Wrangell while 5 to 6 inches were observed at 9 mile on the Mitkof highway.

(AK-Z024) EASTERN BARANOF ISLAND AND SOUTHERN ADMIRALTY ISLAND, (AK-Z026) INNER CHANNELS FROM KUPREANOF ISLAND TO ETOLIN ISLAND

| | | |
|---------------------|---|--------------|
| 02/23/18 13:09 AKST | 0 | Winter Storm |
| 02/24/18 18:00 AKST | 0 | |

The weather front swept over the central panhandle on 24 February, spreading snow over the cooler air trapped near the surface. An easterly flow pattern ahead of the front/low resulted in some upslope flow to the easterly slopes increasing the snowfall. Temperatures began warming to in the afternoon leading to a wetter snowfall in the afternoon and compaction of the snowpack.

(AK-Z017) CAPE FAIRWEATHER TO CAPE SUCKLING COASTAL AREA, (AK-Z019) HAINES BOROUGH AND LYNN CANAL

| | | |
|---------------------|---|--------------|
| 02/27/18 21:00 AKST | 0 | Winter Storm |
| 02/28/18 09:00 AKST | 0 | |

A weather front moved across the northern panhandle that spread moisture across the area, with cold air trapped in Lynn Canal. Periods of heavy snow developed along the Haines Road then developed on the Eastern Gulf Coast during the night of 2/27.

(AK-Z025) JUNEAU BOROUGH AND NORTHERN ADMIRALTY ISLAND

| | | |
|---------------------|---|-----------------------|
| 02/28/18 23:00 AKST | 0 | High Wind (MAX 80 kt) |
| 02/28/18 23:59 AKST | 0 | |

A 979 MB gale force low moved onto Vancouver Island on the afternoon of 2/28 with 1035 MB High over the Yukon. This was a setup for a Taku wind event for Downtown Juneau and Douglas. The peak gust was 92 mph from a marine Exchange observation Downtown. No damage was reported.

ALASKA, Southern

(AK-Z161) BRISTOL BAY

| | | |
|---------------------|-------|------------------|
| 02/25/18 23:00 AKST | 0.30M | Storm Surge/Tide |
| 02/26/18 17:00 AKST | 0 | |

A 980 mb low pressure system moved onshore near Bethel, Alaska, bringing storm force winds to Bristol Bay. Over 18 hours of northerly winds caused high surf along the northern Alaska Peninsula. The combination of coastal sea ice in this area caused damage to local fishing assets. The damage was not discovered until spring, when the fishing community began to set up their summer camps.

(AK-Z131) NERN P.W. SND

| | | |
|---------------------|---|-----------------------|
| 02/28/18 05:20 AKST | 0 | High Wind (MAX 90 kt) |
| 02/28/18 23:59 AKST | 0 | |

High pressure over the western portion of Alaska combined with a low over the Panhandle to cause a tight gradient over Southcentral. A front passing through the Chugach mountains increased the gap flow to warning level through northerly gaps and into Valdez.

AMERICAN SAMOA

(AS-Z002) TUTUILA

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/09/18 04:00 SST | | 50M | Tropical Storm |
| | 02/09/18 14:00 SST | | 2M | |

Tropical Cyclone Gita combined with an active monsoon trough generated destructive winds and torrential rainfall between the hours of 4 AM to 2 PM. At the peak of the tropical storm before 8 AM, the Weather Service Office and most of American Samoa loss power. The NOAA Earth System Research Laboratory (ESRL) Office in Matatula recorded 64 kt gust 85 kt, and the radiosonde data reported 59 kt around 6 AM. Tropical Cyclone Gita caused widespread damages to homes, private and personal properties, government facilities, roads, electrical poles and wires, phone lines, and plantations across American Samoa. About 965 people including children evacuated to 12 shelters on the island of Tutuila. Numerous mudslides, flash flooding in small streams and low-lying areas were results of heavy rainfall. Heavy runoff swept debris and water into homes near valleys and small streams area. Several banyan trees and most breadfruit trees were uprooted.

A cargo shipping boat in Manu'a, Uila o le Sami, sank in Ta'u. Another similar incident occurred where an alia boat sank in Fagaitua bay but was later recovered by the owners on the following day. A storm surge up to 2 to 4 feet swept debris over the main road and beach area along the northwest through northeast shores of Tutuila, Aunu'u and Manu'a. There we no fatalities reported.



Damaged home in Faleniu from Tropical Storm Gita, American Samoa; Credit: Carol Baqui.

ARIZONA, Central and Northeast

(AZ-Z004) KAIBAB PLATEAU, (AZ-Z008) YAVAPAI COUNTY MOUNTAINS, (AZ-Z011) CHUSKA MOUNTAINS AND DEFIANCE PLATEAU, (AZ-Z012) LITTLE COLORADO RIVER VALLEY IN COCONINO COUNTY, (AZ-Z013) LITTLE COLORADO RIVER VALLEY IN NAVAJO COUNTY, (AZ-Z014) LITTLE

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|------------------------|
| COLORADO RIVER VALLEY IN APACHE COUNTY, (AZ-Z015) WESTERN MOGOLLON RIM, (AZ-Z016) EASTERN MOGOLLON RIM, (AZ-Z017) WHITE MOUNTAINS, (AZ-Z039) BLACK MESA AREA, (AZ-Z040) NORTHEAST PLATEAUS AND MESAS SOUTH OF HIGHWAY 264 | | | | |
| | 02/19/18 00:00 MST | | 0 | High Wind (MAX 65 kt) |
| | 02/19/18 16:20 MST | | 0 | |

A strong cold front brought high winds to parts of northern Arizona.

| | | | | |
|---------------------------------------|--------------------|--|---|------------|
| (AZ-Z015) WESTERN MOGOLLON RIM | | | | |
| | 02/22/18 20:30 MST | | 0 | Heavy Snow |
| | 02/23/18 20:00 MST | | 0 | |

A quick moving cold front moved across northern Arizona with locally heavy snow.

| | | | | |
|---------------------------------------|--------------------|--|---|------------|
| (AZ-Z015) WESTERN MOGOLLON RIM | | | | |
| | 02/27/18 18:45 MST | | 0 | Heavy Snow |
| | 02/28/18 10:00 MST | | 0 | |

A large trough of low pressure moved down the West Coast to the Los Angeles Basin, eastward across Arizona, and then into New Mexico as it filled. This brought wind, rain, and snow to northern Arizona.

ARIZONA, South

| | | | | |
|--|--------------------|--|---|---------|
| (AZ-Z502) TOHONO O ODHAM NATION, (AZ-Z503) UPPER SANTA CRUZ RIVER AND ALTAR VALLEYS, (AZ-Z504) TUCSON METRO AREA, (AZ-Z507) UPPER SAN PEDRO RIVER VALLEY, (AZ-Z510) WHITE MOUNTAINS OF GRAHAM AND GREENLEE COUNTIES, (AZ-Z513) DRAGON/MULE/HUACHUCA AND SANTA RITA MOUNTAINS, (AZ-Z515) BABOQUIVARI MOUNTAINS | | | | |
| | 02/01/18 00:00 MST | | 0 | Drought |
| | 02/28/18 23:59 MST | | 0 | |

Extreme drought (D3 category), which began in January, continued throughout February across the same sections of southeast Pima County, Santa Cruz County and far southwest Cochise County including portions of the Tohono O'odham Nation and the Baboquivari, Santa Rita and Huachuca Mountains, as well as the White Mountains of far northern Graham and Greenlee Counties.

While most of the area received between 2 and 4 inches of precipitation from one storm system in mid February, overall soil moisture readings only improved slightly, and generally remained ranked below the 20th percentile. Prior to the precipitation event, two human-caused wildfires burned in rural areas. The Altar Fire burned northwest of Sasabe, on Mildred Peak, and consumed 3400 acres. The Knob Hill Fire burned 2900 acres just outside of the extreme drought area near Saint David.

ARKANSAS, Central and North Central

| | | | | |
|---|--------------------|--|---|----------------|
| (AR-Z014) STONE, (AR-Z016) INDEPENDENCE | | | | |
| | 02/06/18 19:00 CST | | 0 | Ice Storm |
| | 02/07/18 00:00 CST | | 0 | |
| (AR-Z014) STONE, (AR-Z024) CLEBURNE, (AR-Z025) JACKSON, (AR-Z033) WHITE, (AR-Z044) PULASKI | | | | |
| | 02/06/18 20:00 CST | | 0 | Winter Weather |
| | 02/07/18 03:00 CST | | 0 | |

Rounds of cold air continued surging toward Arkansas to begin February. On the 6th, readings were at or below freezing in northwest sections of the state, and subfreezing air spread slowly to the southeast. A storm system over the middle of the country provided moisture, and there was a potential for wintry precipitation. The incoming cold air was shallow, with warmer conditions (above freezing) overhead. Any snow or sleet would surely melt aloft, but would likely turn to ice (freezing rain) upon reaching the ground. During the nighttime hours of the 6th and early on the 7th, a Winter Weather Advisory was posted across northern Arkansas, with an Ice Storm Warning and up to a quarter inch of ice in the northeast. For the most part, moisture tended to build over the southern and eastern counties, and stayed out of the north. Any ice in the north was minor and spotty. In the northeast, while there was some ice on trees and power lines (leading to spotty power outages), temperatures did not go much below 32 degrees and roads were generally wet.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|---------------------------------|
| WOODRUFF COUNTY --- 0.8 SW RIVERSIDE [35.27, -91.24], 0.6 SSW RIVERSIDE [35.27, -91.24], 0.9 SSW RIVERSIDE [35.27, -91.24], 1.1 SSW RIVERSIDE [35.27, -91.24] | | | | |
| | 02/20/18 15:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |
| Heavy rain brought flooding to the Cache River. | | | | |
| Heavy rain brought flooding to northeast Arkansas late in February. | | | | |
| SHARP COUNTY --- 2.9 WNW AETNA [35.94, -91.48] | | | | |
| | 02/20/18 21:20 CST | | 0 | Thunderstorm Wind (EG 70 kt) |
| | 02/20/18 21:20 CST | | 0 | Source: NWS Storm Survey |
| Several outbuildings were damaged. Some of the trees were blown down. The damage was consistent with straight-line winds of 60-80 mph. | | | | |
| SHARP COUNTY --- 1.3 WNW AETNA [35.94, -91.45] | | | | |
| | 02/20/18 21:22 CST | | 50K | Thunderstorm Wind (EG 70 kt) |
| | 02/20/18 21:22 CST | | 0 | Source: NWS Storm Survey |
| Chicken house roofs were damaged and removed. Outbuildings were damaged. The damage was consistent with straight-line winds in excess of 70 mph. | | | | |
| HOT SPRING COUNTY --- 0.8 W JONES MILL [34.43, -92.89], 1.5 SSW MAGNET COVE [34.43, -92.84], 1.9 NW ROCKPORT [34.40, -92.84], 2.5 SSE JONES MILL [34.40, -92.86] | | | | |
| | 02/21/18 06:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 06:45 CST | | 0 | Source: Utility Company |
| Rommel dam flow rate was over 33,000 CFS. | | | | |
| WHITE COUNTY --- 1.5 SSW ALBION [35.31, -91.81], 1.4 SSE MT PISGAH [35.31, -91.82], 1.8 NNE CROSBY [35.30, -91.82], 1.8 SSW ALBION [35.30, -91.81] | | | | |
| | 02/21/18 06:50 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 08:50 CST | | 0 | Source: Public |
| Water was running over Smith Road. | | | | |
| WHITE COUNTY --- 0.6 E SEARCY [35.25, -91.74], 2.1 S RIO VISTA [35.25, -91.47], 6.4 SSW GEORGETOWN [35.04, -91.50], 3.9 SW STONY PT [35.04, -92.00] | | | | |
| | 02/21/18 07:17 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 09:17 CST | | 0 | Source: Emergency Manager |
| Multiple roads were flooded throughout White County, some with water damage. | | | | |
| FAULKNER COUNTY --- 0.9 NE CONWAY [35.09, -92.44], 2.7 NNE CANEY [35.10, -92.36], 3.5 NW CATO [34.97, -92.31], 1.8 NNW MAYFLOWER [34.97, -92.44] | | | | |
| | 02/21/18 07:21 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 09:21 CST | | 0 | Source: Law Enforcement |
| Multiple roads in and around Conway are barricaded due to flash flooding. | | | | |
| FAULKNER COUNTY --- 1.7 W BONO [35.25, -92.51], 5.4 WNW BONO [35.29, -92.57], 5.8 W BONO [35.25, -92.58], 3.3 WSW BONO [35.23, -92.53] | | | | |
| | 02/21/18 07:39 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 09:39 CST | | 0 | Source: Emergency Manager |
| Springfield and Mallet town roads were closed due to flooding. | | | | |
| SALINE COUNTY --- AVILLA [34.68, -92.58], 0.9 E AVILLA [34.68, -92.56], 1.3 NE CONGO [34.66, -92.57], 1.2 NNW CONGO [34.66, -92.59] | | | | |
| | 02/21/18 07:50 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 09:50 CST | | 0 | Source: Department of Highways |
| Multiple roads are flooded with water running over them in Searcy County. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|---------------------------------|
| PULASKI COUNTY --- 0.6 W MARCHE [34.87, -92.36], 0.5 W MARCHE [34.87, -92.36], 0.5 W MARCHE [34.87, -92.36], 0.6 W MARCHE [34.87, -92.36] | | | | |
| | 02/21/18 08:30 CST | 0 | | Flash Flood (due to Heavy Rain) |
| | 02/21/18 08:30 CST | 0 | | Source: Newspaper |
| Students were rescued from a school bus that drove off a flooded road. | | | | |
| PULASKI COUNTY --- 0.9 SW WOODLAND HGTS [34.77, -92.41] | | | | |
| | 02/21/18 09:00 CST | 0 | | Heavy Rain |
| | 02/21/18 09:00 CST | 0 | | Source: Social Media |
| Heavy rain brought 5 inches of rain as of 9 am to West Little Rock behind the Kroger on Chenal. | | | | |
| HOT SPRING COUNTY --- 0.6 W JONES MILL [34.43, -92.89], 1.6 SW MAGNET COVE [34.43, -92.85], 2.0 SSE DONALDSON [34.20, -92.90], 4.4 WSW FRIENDSHIP [34.20, -93.07] | | | | |
| | 02/21/18 09:15 CST | 0 | | Flash Flood (due to Heavy Rain) |
| | 02/21/18 09:30 CST | 0 | | Source: Utility Company |
| Rommel dam flow rate was over 45,000 CFS. | | | | |
| PERRY COUNTY --- 1.8 SW HOUSTON [35.01, -92.72] | | | | |
| | 02/21/18 09:48 CST | 0 | | Heavy Rain |
| | 02/21/18 09:48 CST | 0 | | Source: Mesonet |
| Rainfall was measured at 8.06 inches. | | | | |
| GARLAND COUNTY --- HOT SPGS [34.50, -93.05] | | | | |
| | 02/21/18 10:15 CST | 0 | | Heavy Rain |
| | 02/21/18 10:15 CST | 0 | | Source: Social Media |
| Since 7 pm 2/20/18, 4.60 inches fell on Carpenter Dam Road at Hot Springs. | | | | |
| PIKE COUNTY --- 0.7 N GLENWOOD [34.33, -93.55], 1.1 NE GLENWOOD [34.33, -93.54], 0.8 E GLENWOOD [34.32, -93.54], 0.4 WNW GLENWOOD [34.32, -93.56] | | | | |
| | 02/21/18 10:50 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/21/18 12:50 CST | 0 | | Source: Social Media |
| Water was over the road near Glenwood, over a low water crossing bridge. | | | | |
| SALINE COUNTY --- 0.7 N WEST BAUXITE [34.56, -92.52], 0.5 SE LIGNITE [34.57, -92.47], 1.3 SSE LIGNITE [34.55, -92.47], 0.1 SW WEST BAUXITE [34.55, -92.52] | | | | |
| | 02/21/18 14:13 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/21/18 16:13 CST | 0 | | Source: Amateur Radio |
| Storm spotter reports water from Hurricane Creek is covering Sardis Road near Bauxite. | | | | |
| PULASKI COUNTY --- 1.7 W JACKSONVILLE [34.87, -92.13], 1.3 W JACKSONVILLE [34.87, -92.12], 1.5 WSW JACKSONVILLE [34.86, -92.13], 1.9 W JACKSONVILLE [34.87, -92.13] | | | | |
| | 02/21/18 14:30 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/21/18 16:30 CST | 0 | | Source: Social Media |
| West Main Street near Oneida in Jacksonville began to flood. | | | | |
| WHITE COUNTY --- EL PASO [35.12, -92.08], 0.7 N EL PASO [35.13, -92.08], 0.9 NE EL PASO [35.13, -92.07], 0.5 E EL PASO [35.12, -92.07] | | | | |
| | 02/21/18 14:30 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/21/18 16:30 CST | 0 | | Source: Social Media |
| Water was over Sandy Ford Road off of El Pas Road. | | | | |
| LONOKE COUNTY --- 4.0 SW CABOT [34.93, -92.07], 3.9 SW CABOT [34.93, -92.07], 4.1 SW CABOT [34.93, -92.07], 4.1 SW CABOT [34.93, -92.07] | | | | |
| | 02/21/18 14:45 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/21/18 16:45 CST | 0 | | Source: Social Media |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|---------------------------------|
| Peters Road Southwest of Cabot is mostly underwater. | | | | |
| GARLAND COUNTY --- HOT SPGS [34.50, -93.05], 1.5 W MORNING STAR [34.50, -93.01], 0.6 WNW LAKESIDE [34.47, -93.01], 0.6 S GARDNER [34.47, -93.08] | | | | |
| | 02/21/18 14:47 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/21/18 16:47 CST | 0 | | Source: Emergency Manager |
| Multiple roads are flooded in Garland County. | | | | |
| PULASKI COUNTY --- 1.4 S FORT ROOTS [34.75, -92.29], 1.6 NE LITTLE ROCK [34.75, -92.26], 0.7 NNE BIDDLE [34.73, -92.26], 0.9 WNW LITTLE ROCK [34.73, -92.29] | | | | |
| | 02/21/18 16:56 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/21/18 18:56 CST | 0 | | Source: Broadcast Media |
| Flooded roadways in portions of the county have prompted Pulaski County Special School District to close for tomorrow February 22nd. | | | | |
| (AR-Z003) BOONE | | | | |
| | 02/21/18 18:30 CST | 0 | | Winter Weather |
| | 02/21/18 19:30 CST | 0 | | |
| DREW COUNTY --- 1.5 NNE MONTICELLO [33.65, -91.79], 1.5 NNE MONTICELLO [33.65, -91.79], 1.3 NNE MONTICELLO [33.65, -91.79], 1.4 NNE MONTICELLO [33.65, -91.79] | | | | |
| | 02/21/18 19:30 CST | 0 | | Flash Flood (due to Heavy Rain) |
| | 02/21/18 21:30 CST | 0 | | Source: Social Media |
| Water was covering Rose Hill Road. | | | | |
| MONROE COUNTY --- 0.6 W BRINKLEY [34.88, -91.19], 2.4 SSW FARGO [34.92, -91.18], 2.9 SW FARGO [34.92, -91.21], 1.6 W BRINKLEY [34.88, -91.21] | | | | |
| | 02/21/18 19:44 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/21/18 21:44 CST | 0 | | Source: Emergency Manager |
| All lanes of highway 49 north of Brinkley were temporarily blocked due to high water. | | | | |
| PULASKI COUNTY --- 0.9 SE LEVY [34.79, -92.26], 0.9 NW GALLOWAY [34.79, -92.14], 1.5 S GALLOWAY [34.76, -92.13], 1.3 S NORTH LITTLE ROCK [34.75, -92.25] | | | | |
| | 02/21/18 19:54 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/21/18 21:54 CST | 0 | | Source: Emergency Manager |
| All lanes of highway 70 at highway 161 were temporarily blocked due to high water. | | | | |
| JACKSON COUNTY --- SWIFTON [35.82, -91.13], 3.5 E SWIFTON [35.82, -91.07], 4.2 SE SWIFTON [35.78, -91.07], 1.9 NE VANCE [35.79, -91.15] | | | | |
| | 02/21/18 20:36 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/21/18 22:36 CST | 0 | | Source: Emergency Manager |
| State Highway 226 was closed south of Swifton due to high water on the road. | | | | |
| LINCOLN COUNTY --- 0.9 SE STAR CITY [33.94, -91.84], 1.9 WNW MILLS [33.94, -91.61], 0.9 WNW GOURD [33.83, -91.62], 2.9 SSE REST [33.84, -91.87] | | | | |
| | 02/21/18 20:47 CST | 0 | | Flash Flood (due to Heavy Rain) |
| | 02/21/18 22:47 CST | 0 | | Source: Law Enforcement |
| Several roads in the county had high water over them. | | | | |
| PULASKI COUNTY --- 0.9 NW GIBSON [34.89, -92.24] | | | | |
| | 02/21/18 22:00 CST | 0 | | Heavy Rain |
| | 02/22/18 00:00 CST | 0 | | Source: NWS Employee |
| This was storm total rainfall for 30 hours ending at midnight on 2/22/18...5.16 inches. | | | | |
| DREW COUNTY --- 3.5 E MONTICELLO MUNI ARPT [33.63, -91.69], 1.2 ENE MONTICELLO [33.63, -91.78], 1.2 SSW SELMA [33.68, -91.58], 4.2 S SELMA [33.64, -91.58] | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/22/18 01:20 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 03:20 CST | | 0 | Source: Emergency Manager |

Arkansas DOT reports 12 miles of Highway 278 blocked due to high water.

BRADLEY COUNTY --- 0.6 E HERMITAGE [33.45, -92.17], 1.5 W PATTSVILLE [33.43, -92.15], 2.5 SSE HERMITAGE [33.42, -92.16], 0.3 SW HERMITAGE [33.45, -92.18]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 03:12 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 05:12 CST | | 0 | Source: Emergency Manager |

Arkansas State Police Troop F reported all lanes of Highway 160 east of Hermitage are blocked due to flooding.

ARKANSAS COUNTY --- 0.9 NW PARHAM [34.54, -91.51], 3.9 WNW CASSCOE [34.53, -91.39], 4.0 WNW PLAINVIEW [34.50, -91.40], 1.7 ENE STUTTGART [34.51, -91.52]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 05:52 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 07:52 CST | | 0 | Source: Emergency Manager |

Arkansas DOT reported Highway 146 from MM 0.30 to MM 3.30 was blocked due to high water.

DESHA COUNTY --- 0.9 NW DUMAS [33.89, -91.49], 1.8 NNW DUMAS [33.90, -91.50], 1.8 SE DUMAS MAYER AVN ARPT [33.90, -91.50], 1.0 WNW DUMAS [33.89, -91.50]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 05:52 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 07:52 CST | | 0 | Source: Emergency Manager |

Arkansas DOT reported Highway 159 from MM 0.38 to MM 2.5 was blocked due to high water.

OUACHITA COUNTY --- 0.5 ENE AMY [33.73, -92.81], 0.7 E AMY [33.73, -92.81], 0.5 ESE AMY [33.73, -92.81], 0.4 E AMY [33.73, -92.81]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 09:21 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 11:21 CST | | 0 | Source: Emergency Manager |

Arkansas DOT reported all lanes of Highway 7 near Ouachita 31 were blocked due to flooding.

PULASKI COUNTY --- 1.4 S FORT ROOTS [34.75, -92.29], 1.4 NE LITTLE ROCK [34.75, -92.26], 0.2 WNW BIDDLE [34.72, -92.27], 0.9 W LITTLE ROCK [34.73, -92.30]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/22/18 14:23 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 16:23 CST | | 0 | Source: Public |

Street flooding was reported in several areas.

LONOKE COUNTY --- 1.8 WNW FURLOW [34.84, -92.01], 1.8 WNW FURLOW [34.84, -92.01], 1.8 WNW FURLOW [34.84, -92.01], 1.8 WNW FURLOW [34.84, -92.01]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 17:41 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 19:41 CST | | 0 | Source: Law Enforcement |

Highway 294 at Kinfolks Road was reported flooded.

LONOKE COUNTY --- 6.1 WNW MOUNTAIN SPGS [35.07, -92.17], 2.6 NNW MOUNTAIN SPGS [35.06, -92.10], 2.1 NW MOUNTAIN SPGS [35.05, -92.10], 5.7 WNW MOUNTAIN SPGS [35.05, -92.17]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 17:46 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 19:46 CST | | 0 | Source: Law Enforcement |

Water was over State Highway 319 between highways 5 and 107.

JEFFERSON COUNTY --- 1.4 N REDFIELD [34.45, -92.18], 0.6 N REDFIELD [34.44, -92.18], 1.2 NW REDFIELD [34.44, -92.19], 1.5 NNW REDFIELD [34.45, -92.19]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 19:37 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 21:37 CST | | 0 | Source: Emergency Manager |

All lanes of Highway 46 N at the 14000 block in Redfield are blocked due to high water.

SALINE COUNTY --- 1.2 NE NEW SUMMIT [34.64, -92.52], 1.3 NE NEW SUMMIT [34.64, -92.51], 1.3 NE NEW SUMMIT [34.64, -92.51], 1.2 NE NEW SUMMIT [34.64, -92.51]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------|
| | 02/22/18 19:51 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 21:51 CST | | 0 | Source: Broadcast Media |
| Hilltop Road at Springhill Road was closed due to flash flooding. | | | | |
| WHITE COUNTY --- 2.1 S GRAVEL HILL [35.22, -91.98], 1.6 NE ROMANCE [35.25, -92.03], 0.5 S ROMANCE [35.22, -92.05], 2.0 N FLOYD [35.21, -91.97] | | | | |
| | 02/23/18 03:13 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 05:13 CST | | 0 | Source: Emergency Manager |
| Four homes in the Floyd-Romance Community off Highway 31 and Gravel Hill Road are being evacuated. Lake Barnett has risen and has endangered homes in the area. | | | | |
| HOT SPRING COUNTY --- 3.5 WNW DE ROCHE [34.34, -93.11], 2.3 NE CANEY [34.32, -93.12], 2.2 WSW DE ROCHE [34.32, -93.09], 2.1 WNW DE ROCHE [34.34, -93.09] | | | | |
| | 02/23/18 04:32 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 06:32 CST | | 0 | Source: Emergency Manager |
| Arkansas State Police reported Highway 84 near McCann Drive and Deer Creek Road was blocked due to high water. | | | | |
| GRANT COUNTY --- 0.9 SE JENKINS FERRY [34.21, -92.54], 0.6 S JENKINS FERRY [34.21, -92.55], 1.0 SSW JENKINS FERRY [34.21, -92.55], 1.1 S JENKINS FERRY [34.20, -92.55] | | | | |
| | 02/23/18 04:40 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 06:40 CST | | 0 | Source: Emergency Manager |
| Highway 46 S at Jenkins Ferry State Park was blocked due to high water. | | | | |
| GRANT COUNTY --- 0.9 SE ORION [34.44, -92.24], 0.8 N ORION [34.46, -92.25], 0.6 NW ORION [34.46, -92.26], 0.9 S ORION [34.44, -92.25] | | | | |
| | 02/23/18 04:40 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 06:40 CST | | 0 | Source: Emergency Manager |
| Arkansas State Police Troop K reported Highway 46 N near Stagecoach Road blocked due to high water. | | | | |
| CLARK COUNTY --- HOLLYWOOD [34.10, -93.25], 0.5 ENE HOLLYWOOD [34.10, -93.24], 0.9 SE HOLLYWOOD [34.09, -93.24], 0.7 SSE HOLLYWOOD [34.09, -93.25] | | | | |
| | 02/23/18 05:50 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 07:50 CST | | 0 | Source: Emergency Manager |
| Arkansas DOT reported State Highway 53 south of Hollywood blocked due to high water. | | | | |
| MONTGOMERY COUNTY --- CADDO GAP [34.40, -93.62], 0.6 WNW MANFRED [34.40, -93.66], 0.8 SW MANFRED [34.39, -93.66], 0.5 SSE CADDO GAP [34.39, -93.62] | | | | |
| | 02/23/18 06:13 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/23/18 08:13 CST | | 0 | Source: Law Enforcement |
| Water was over bridges on Manford Road and Mill Creek Road in Caddo Gap. | | | | |
| JACKSON COUNTY --- 0.6 W NEWPORT [35.60, -91.28], 1.2 NW GRUBBS [35.66, -91.09], 2.0 ENE CAMPBELL STATION [35.68, -91.22], 1.1 E JACKSONPORT [35.63, -91.30] | | | | |
| | 02/23/18 06:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 08:30 CST | | 0 | Source: Emergency Manager |
| Arkansas DOT reported State Highway 18 at Newport blocked due to high water. | | | | |
| DALLAS COUNTY --- SPARKMAN [33.92, -92.85], 1.4 WNW SPARKMAN [33.93, -92.87], 1.5 SW SPARKMAN [33.90, -92.87], 1.3 S SPARKMAN [33.90, -92.85] | | | | |
| | 02/23/18 07:13 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:13 CST | | 0 | Source: Emergency Manager |
| Arkansas DOT reported Highway 7 from Log Mile 0 to Log Mile 7 blocked due to high water. | | | | |
| FAULKNER COUNTY --- 1.8 ESE GOLD CREEK [35.01, -92.39], 0.9 E GOLD CREEK [35.02, -92.41], 1.1 SSE GOLD CREEK [35.00, -92.42], 1.6 SSE GOLD CREEK [35.00, -92.41] | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/23/18 09:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 11:00 CST | | 0 | Source: Emergency Manager |

Water was in outbuildings and near houses on Lakeview Circle, Shoreline Road, and Lawrence Landing Adjacent to Lake Conway. Sandbagging is still in progress.

OUACHITA COUNTY --- 0.9 SW CAMDEN [33.57, -92.84], 2.0 NW SMEAD [33.80, -92.85], 3.5 ENE SMEAD [33.81, -92.78], 1.8 WSW LAKESIDE [33.57, -92.76]

| | | |
|--------------------|---|---------------------------|
| 02/23/18 09:05 CST | 0 | Flood (due to Heavy Rain) |
| 02/23/18 11:05 CST | 0 | Source: Law Enforcement |

Highway 7 in Ouachita County is closed from Highway 79B and continuing north into Dallas County.

OUACHITA COUNTY --- HARMONY GROVE [33.65, -92.78], 0.2 WNW HARMONY GROVE [33.65, -92.78], 0.5 WSW HARMONY GROVE [33.65, -92.79], 0.3 SSW HARMONY GROVE [33.65, -92.78]

| | | |
|--------------------|---|---------------------------|
| 02/23/18 09:05 CST | 0 | Flood (due to Heavy Rain) |
| 02/23/18 11:05 CST | 0 | Source: Law Enforcement |

A house is isolated by water with two people inside the house.

PERRY COUNTY --- 1.8 NW ANTIOCH [34.97, -92.77], 1.9 ESE PERRYVILLE [34.99, -92.77], 1.2 S PERRYVILLE [34.98, -92.80], 1.7 S PERRYVILLE [34.98, -92.80]

| | | |
|--------------------|---|---------------------------|
| 02/23/18 09:20 CST | 0 | Flood (due to Heavy Rain) |
| 02/23/18 11:20 CST | 0 | Source: Emergency Manager |

Arkansas DOT reported Highway 300 at Log Mile 2.5 blocked due to high water.

PULASKI COUNTY --- 2.2 NW TATES MILL [34.99, -92.20], 3.2 NNW OLMSTEAD [34.99, -92.23], 2.4 SW OLMSTEAD [34.93, -92.23], 1.4 S OLMSTEAD [34.93, -92.20]

| | | |
|--------------------|---|---------------------------|
| 02/23/18 10:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/23/18 12:00 CST | 0 | Source: NWS Employee |

Leopard and Bridge Creeks were out of their banks. Water was near the road at the intersection of Highway 89 and Fortson Rd.

LONOKE COUNTY --- 1.3 WSW FAIRVIEW [34.86, -91.94], 2.2 N FURLOW [34.86, -91.98], 2.7 N FURLOW [34.87, -91.98], 2.1 SSW WATTENSAW [34.87, -91.88], 2.3 ESE FAIRVIEW [34.86, -91.88]

| | | |
|--------------------|---|---------------------------|
| 02/23/18 18:26 CST | 0 | Flood (due to Heavy Rain) |
| 02/23/18 20:26 CST | 0 | Source: Emergency Manager |

Arkansas DOT reported State Highway 236 between Highway 89 and Highway 31 was blocked due to high water.

Later in the month, the focus shifted from ice to areas of heavy rain and some severe weather. A front wobbled across the region from the 20th through the 23rd, and a storm system roared through the middle of the country on the 24th. Forecast models showed there was at least twice the usual moisture for late February. Given a tremendous amount of liquid to wring out of the clouds, and with downpours lasting for several days, flash flooding and eventual river flooding became headlines. Through 600 am CST on the 25th, four to more than ten inches of water was measured in a five day period. At many locations, this was two months of rain in just a few days. Amounts included 10.55 inches at Mount Ida (Montgomery County), 9.82 inches at Hot Springs (Garland County), and 8.83 inches at Little Rock (Pulaski County).

SALINE COUNTY --- 1.6 WSW BENTON SALINE CO ARP [34.56, -92.62], 1.1 SW BENTON SALINE CO ARP [34.56, -92.61], 1.8 SSW BENTON SALINE CO ARP [34.55, -92.62], 2.0 SW BENTON SALINE CO ARP [34.55, -92.62]

| | | |
|--------------------|---|---------------------------|
| 02/21/18 10:34 CST | 0 | Flood (due to Heavy Rain) |
| 02/22/18 23:52 CST | 0 | Source: River/Stream Gage |

Heavy rain brought flooding to the Saline River.

CLARK COUNTY --- 1.2 E ARKADELPHIA [34.12, -93.05], 1.5 E ARKADELPHIA [34.12, -93.05], 1.6 E ARKADELPHIA [34.12, -93.04], 1.3 E ARKADELPHIA [34.12, -93.05]

| | | |
|--------------------|---|---------------------------|
| 02/21/18 15:32 CST | 0 | Flood (due to Heavy Rain) |
| 02/25/18 20:28 CST | 0 | Source: River/Stream Gage |

Heavy rain brought flooding to the Ouachita River.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|---------------------------|
| YELL COUNTY --- 1.4 WNW DANVILLE [35.06, -93.40], 1.1 NNW DANVILLE [35.06, -93.39], 0.8 NW DANVILLE [35.06, -93.39], 1.2 WNW DANVILLE [35.05, -93.40] | | | | |
| | 02/21/18 15:57 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/27/18 00:00 CST | | 0 | Source: River/Stream Gage |
| Heavy rain brought flooding to the Petit Jean River. | | | | |
| PERRY COUNTY --- 1.8 SW HOUSTON [35.01, -92.73], 1.4 SW HOUSTON [35.02, -92.72], 2.3 SSW HOUSTON [35.00, -92.72], 2.4 SW HOUSTON [35.00, -92.73] | | | | |
| | 02/21/18 17:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |
| Heavy rain brought flooding to the Fouche LaFave River. | | | | |
| CLARK COUNTY --- 4.7 WSW BRITTS [33.88, -93.31], 4.3 WSW BRITTS [33.88, -93.30], 4.5 WSW BRITTS [33.87, -93.30], 4.8 WSW BRITTS [33.87, -93.31] | | | | |
| | 02/22/18 08:28 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/26/18 07:00 CST | | 0 | Source: River/Stream Gage |
| Heavy rain brought flooding to the Little Missouri River. | | | | |
| OUACHITA COUNTY --- 1.5 NNE CAMDEN [33.60, -92.82], 1.5 NE CAMDEN [33.59, -92.81], 1.1 NE CAMDEN [33.59, -92.82], 1.3 NNE CAMDEN [33.60, -92.82] | | | | |
| | 02/22/18 17:10 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |
| Heavy rain brought flooding to the Ouachita River. | | | | |
| WOODRUFF COUNTY --- 2.3 WNW AUGUSTA [35.29, -91.41], 1.2 NW AUGUSTA [35.29, -91.38], 1.1 W AUGUSTA [35.28, -91.39], 1.9 W AUGUSTA [35.28, -91.40] | | | | |
| | 02/22/18 17:46 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |
| Heavy rain brought flooding to the White River. | | | | |
| SALINE COUNTY --- 1.6 WSW BENTON SALINE CO ARP [34.56, -92.62], 1.0 SW BENTON SALINE CO ARP [34.56, -92.61], 1.9 SSW BENTON SALINE CO ARP [34.54, -92.61], 2.3 SSW BENTON SALINE CO ARP [34.54, -92.62] | | | | |
| | 02/23/18 01:23 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 09:00 CST | | 0 | Source: River/Stream Gage |
| Heavy rain brought flooding to the Saline River. | | | | |
| WHITE COUNTY --- 1.2 SW JUDSONIA [35.27, -91.65], 1.0 SSE JUDSONIA [35.27, -91.62], 1.3 SSE JUDSONIA [35.26, -91.62], 1.7 SW JUDSONIA [35.26, -91.65] | | | | |
| | 02/23/18 07:10 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 17:42 CST | | 0 | Source: River/Stream Gage |
| Heavy rain brought flooding to the Little Red River. | | | | |
| MONROE COUNTY --- 1.5 NW CLARENDON [34.69, -91.32], 1.2 NW CLARENDON [34.69, -91.31], 0.7 W CLARENDON [34.68, -91.31], 1.1 W CLARENDON [34.68, -91.32] | | | | |
| | 02/24/18 17:38 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |
| Heavy rain brought flooding to the White River. | | | | |
| SALINE COUNTY --- 1.6 WSW BENTON SALINE CO ARP [34.56, -92.62], 1.1 SW BENTON SALINE CO ARP [34.56, -92.61], 1.9 SSW BENTON SALINE CO ARP [34.54, -92.61], 2.2 SW BENTON SALINE CO ARP [34.54, -92.62] | | | | |
| | 02/25/18 00:32 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 13:32 CST | | 0 | Source: River/Stream Gage |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|------------------------------|
| Heavy rain brought flooding to the Saline River. | | | | |
| PRAIRIE COUNTY --- 0.9 NNE DES ARC [34.98, -91.49], 1.1 NE DES ARC [34.98, -91.48], 1.7 E DES ARC [34.97, -91.47], 0.5 ESE DES ARC [34.97, -91.49] | | | | |
| | 02/25/18 01:12 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | 0 | | Source: River/Stream Gage |
| Heavy rain brought flooding to the White River. | | | | |
| WHITE COUNTY --- 1.2 WSW JUDSONIA [35.27, -91.65], 0.8 S JUDSONIA [35.27, -91.63], 1.1 S JUDSONIA [35.26, -91.63], 1.6 SW JUDSONIA [35.26, -91.65] | | | | |
| | 02/25/18 03:26 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/25/18 14:50 CST | 0 | | Source: River/Stream Gage |
| Heavy rain brought flooding to the Little Red River. | | | | |
| WHITE COUNTY --- 1.1 NNW GEORGETOWN [35.14, -91.46], 1.2 NNE GEORGETOWN [35.14, -91.44], 0.7 ENE GEORGETOWN [35.12, -91.44], 0.1 N GEORGETOWN [35.12, -91.45] | | | | |
| | 02/25/18 07:00 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | 0 | | Source: River/Stream Gage |
| Heavy rain brought flooding to the White River. | | | | |
| CONWAY COUNTY --- 0.2 NNW LEWISBURG [35.13, -92.73], 0.9 SSE LEWISBURG [35.12, -92.72], 1.1 SSW LEWISBURG [35.12, -92.74], 0.6 W LEWISBURG [35.13, -92.74] | | | | |
| | 02/25/18 18:40 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/26/18 17:15 CST | 0 | | Source: River/Stream Gage |
| Heavy rain brought flooding to the Arkansas River at Morrilton. | | | | |
| Heavy rains over several days brought flooding to many rivers in Arkansas. Through 6 am CST on the 25th, four to more than ten inches of water was measured in a five day period. At many locations, this was two months of rain in just a few days. Amounts included 10.55 inches at Mount Ida (Montgomery County), 9.82 inches at Hot Springs (Garland County), and 8.83 inches at Little Rock (Pulaski County). | | | | |
| POLK COUNTY --- 0.7 N GRANNIS [34.24, -94.33] | | | | |
| | 02/24/18 13:12 CST | 0 | | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 13:12 CST | 0 | | Source: State Official |
| Trees were blown down in the town of Grannis. | | | | |
| LOGAN COUNTY --- 0.9 NE DRIGGS [35.24, -93.77] | | | | |
| | 02/24/18 13:19 CST | 0 | | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 13:19 CST | 0 | | Source: Amateur Radio |
| Trees and powerlines were reported down in the town of Driggs. | | | | |
| POLK COUNTY --- 0.9 NW MENA [34.59, -94.24] | | | | |
| | 02/24/18 13:20 CST | 0 | | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 13:20 CST | 0 | | Source: Amateur Radio |
| Amateur radio operators estimated wind gusts of 60 mph in Mena. | | | | |
| HOT SPRING COUNTY --- BISMARCK [34.32, -93.17] | | | | |
| | 02/24/18 15:02 CST | 0 | | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 15:02 CST | 0 | | Source: Public |
| Trees and powerlines were reported to be blown down in the town of Bismarck. | | | | |
| PERRY COUNTY --- PERRYVILLE [35.00, -92.80] | | | | |
| | 02/24/18 15:07 CST | 0 | | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 15:07 CST | 0 | | Source: Public |
| Wind gusts near 60 mph were estimated in the town of Perryville. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------|
| CONWAY COUNTY --- 2.0 WSW OPPELO [35.09, -92.80], 2.3 WSW OPPELO [35.09, -92.81], 2.5 SW OPPELO [35.08, -92.81], 2.2 SW OPPELO [35.08, -92.80] | | | | |
| | 02/24/18 15:15 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 16:30 CST | | 0 | Source: Amateur Radio |
| Amateur Radio operator reported flood near the Timberlake reservoir. | | | | |
| PERRY COUNTY --- 1.9 SW HOUSTON [35.01, -92.73], 1.6 SW HOUSTON [35.01, -92.72], 1.7 SW HOUSTON [35.01, -92.72], 2.0 SW HOUSTON [35.01, -92.73] | | | | |
| | 02/24/18 15:15 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 17:30 CST | | 0 | Source: Department of Highways |
| A portion of road 216 was closed due to high water. | | | | |
| SALINE COUNTY --- 2.2 E TRASKWOOD [34.44, -92.61], 3.3 E TRASKWOOD [34.45, -92.59], 3.3 ESE TRASKWOOD [34.44, -92.59], 2.1 ESE TRASKWOOD [34.44, -92.62] | | | | |
| | 02/24/18 15:15 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 17:30 CST | | 0 | Source: Amateur Radio |
| Several roads were reported to be underwater. | | | | |
| FAULKNER COUNTY --- 0.9 NE CONWAY [35.09, -92.44] | | | | |
| | 02/24/18 15:30 CST | | 25K | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 15:30 CST | | 0 | Source: Public |
| Trees were blown down in the city of Conway... with one that fell on a car. | | | | |
| FAULKNER COUNTY --- 0.9 NE CONWAY [35.09, -92.44] | | | | |
| | 02/24/18 15:30 CST | | 40K | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 15:30 CST | | 0 | Source: Public |
| Trees were blown down in the city of Conway, including one that fell on a car and one that fell on a house. | | | | |
| HOT SPRING COUNTY --- 0.3 S BISMARCK [34.32, -93.17], 0.3 SSW BISMARCK [34.32, -93.17], 0.3 SSW BISMARCK [34.32, -93.17], 0.2 SSW BISMARCK [34.32, -93.17] | | | | |
| | 02/24/18 15:30 CST | | 10K | Flash Flood (due to Heavy Rain) |
| | 02/24/18 15:45 CST | | 0 | Source: Public |
| Road was washed out at the highway 7 and 84 intersection in Bismarck. | | | | |
| SALINE COUNTY --- 0.9 NW SARDIS [34.54, -92.41] | | | | |
| | 02/24/18 16:07 CST | | 0 | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 16:07 CST | | 0 | Source: Public |
| Trees were reported blown down near Sardis. | | | | |
| PULASKI COUNTY --- 1.3 S LYNCH [34.85, -92.17], 1.0 ESE LYNCH [34.87, -92.15], 0.5 E LYNCH [34.87, -92.16], 1.2 SSW LYNCH [34.85, -92.18] | | | | |
| | 02/24/18 16:15 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 17:00 CST | | 0 | Source: Amateur Radio |
| Amateur radio operators reported water rushing over roadways northeast of Indian Head Lake. | | | | |
| WHITE COUNTY --- 0.9 NE WORDEN [35.29, -91.49] | | | | |
| | 02/24/18 16:28 CST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 02/24/18 16:28 CST | | 0 | Source: Public |
| A number of trees were snapped and blown down. Additionally, a carport and deck sustained damage. | | | | |
| LONOKE COUNTY --- 1.8 NE LONOKE [34.80, -91.90] | | | | |
| | 02/24/18 16:33 CST | | 2K | Thunderstorm Wind (EG 61 kt) |
| | 02/24/18 16:33 CST | | 0 | Source: Public |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------------|
| Trees were snapped and part of a metal roof was blown off of a home. | | | | |
| LONOKE COUNTY --- 1.1 E LONOKE [34.78, -91.90] | | | | |
| | 02/24/18 16:35 CST | | 0 | Thunderstorm Wind (EG 61 kt) |
| | 02/24/18 16:35 CST | | 0 | Source: Public |
| A well anchored display tent was blown over at an auto dealership. | | | | |
| INDEPENDENCE COUNTY --- 0.9 SW ELMO [35.61, -91.41] | | | | |
| | 02/24/18 16:41 CST | | 0 | Thunderstorm Wind (MG 55 kt) |
| | 02/24/18 16:41 CST | | 0 | Source: Trained Spotter |
| JACKSON COUNTY --- 3.7 E EIGHT MILE [35.45, -91.05], 3.9 E EIGHT MILE [35.45, -91.05] | | | | |
| | 02/24/18 17:11 CST | | 20K | Tornado (EF0, L: 0.21 mi , W: 50 yd) |
| | 02/24/18 17:12 CST | | 0 | Source: NWS Storm Survey |
| A very small tornado touched down on a property in Beedeville, Arkansas. This tornado snapped a few trees and uplifted two outbuildings, spreading debris into the fields and aloft into nearby trees. A tree fell on a third outbuilding. The most significant damage occurred as a metal beam from one of the outbuildings smashed the cab of a tractor. | | | | |
| A line of thunderstorms moved through Arkansas on February 24th, bringing damaging winds, flash flooding, and a small tornado to Arkansas. | | | | |
| BRADLEY COUNTY --- 5.3 N HARMONY [33.70, -92.05], 5.8 N HARMONY [33.71, -92.03], 4.3 NNE HARMONY [33.69, -92.00], 3.5 N HARMONY [33.68, -92.02] | | | | |
| | 02/26/18 01:13 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |
| Heavy rain brought flooding to the Saline River. | | | | |
| YELL COUNTY --- 1.6 E CORINTH [35.07, -93.40], 1.3 NNE DANVILLE [35.07, -93.38], 0.8 NNE DANVILLE [35.06, -93.38], 1.2 WNW DANVILLE [35.05, -93.40] | | | | |
| | 02/28/18 17:09 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 17:30 CST | | 0 | Source: River/Stream Gage |
| Heavy rain brought flooding to the Petit Jean River. | | | | |
| Heavy rain brought flooding to Arkansas late in February 2018. | | | | |
| CONWAY COUNTY --- 2.1 WSW OPPELO [35.08, -92.80], 2.0 SW OPPELO [35.08, -92.80], 2.2 SW OPPELO [35.08, -92.80], 2.3 WSW OPPELO [35.08, -92.80] | | | | |
| | 02/28/18 13:15 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 15:15 CST | | 0 | Source: Amateur Radio |
| There was flooding at Timber Lake Reservoir near the Conway and Perry County line. | | | | |
| LONOKE COUNTY --- 1.4 S MCCREANOR [34.76, -91.80], 0.5 NNE MCCREANOR [34.79, -91.80], 1.4 WNW MCCREANOR [34.79, -91.82], 2.0 SW MCCREANOR [34.76, -91.83] | | | | |
| | 02/28/18 16:21 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 18:21 CST | | 0 | Source: Public |
| Highway 381 near highway 70 is flooding and the water is approaching homes. A few voluntary evacuations were taking place. This was reported on twitter by local broadcast media. | | | | |
| BRADLEY COUNTY --- 0.7 S CARMEL [33.54, -92.07], 0.5 SE CARMEL [33.55, -92.06], 1.8 SE CARMEL [33.53, -92.05], 1.0 ENE FULLERTON [33.53, -92.06] | | | | |
| | 02/28/18 16:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 18:30 CST | | 0 | Source: State Official |
| Portions of Highway 8 South were closed due to high water. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|---------------------------------|
| WOODRUFF COUNTY --- 0.9 NW DIXIE [35.09, -91.36], 0.9 ESE MC CLELLAND [35.09, -91.39], 2.7 NNW GREGORY [35.19, -91.35], 1.6 NNE GREGORY [35.17, -91.32] | | | | |
| | 02/28/18 17:55 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 19:55 CST | | 0 | Source: 911 Call Center |
| Highway 33 South closed north of Dixie due to high water. | | | | |
| GRANT COUNTY --- 3.9 NNW CENTER GROVE [34.37, -92.33], 1.1 WNW AMBER [34.40, -92.25], 1.1 S AMBER [34.38, -92.23], 3.0 NNW CENTER GROVE [34.36, -92.33] | | | | |
| | 02/28/18 18:46 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 20:46 CST | | 0 | Source: Department of Highways |
| Highway 46 was closed due to high water. | | | | |
| GRANT COUNTY --- 0.7 N PRATTSVILLE [34.33, -92.55], 0.9 NNW PRATTSVILLE [34.33, -92.56], 0.4 W PRATTSVILLE [34.32, -92.56], 0.1 SSE PRATTSVILLE [34.32, -92.55] | | | | |
| | 02/28/18 19:24 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 21:24 CST | | 0 | Source: Department of Highways |
| Highway 291 north of Prattsville was closed due to high water. | | | | |
| GRANT COUNTY --- 3.6 NE SHERIDAN [34.34, -92.36], 1.5 NNE SHERIDAN [34.32, -92.39], 1.7 NE SHERIDAN [34.32, -92.38], 3.4 WNW CENTER GROVE [34.34, -92.36] | | | | |
| | 02/28/18 19:26 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 21:26 CST | | 0 | Source: Department of Highways |
| Northeast of Sheridan, 9.6 miles of Highway 46 were closed due to high water. | | | | |
| GRANT COUNTY --- 1.4 N PRATTSVILLE [34.34, -92.55], 1.9 NNW PRATTSVILLE [34.34, -92.57], 0.7 W PRATTSVILLE [34.32, -92.56], 0.4 NE PRATTSVILLE [34.32, -92.54] | | | | |
| | 02/28/18 19:34 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 21:34 CST | | 0 | Source: Department of Highways |
| Highway 291 north of Prattsville was close due to high water. | | | | |
| GRANT COUNTY --- 0.6 W POYEN [34.32, -92.64], 0.9 W POYEN [34.32, -92.65], 0.9 SSW FENTER [34.37, -92.64], 1.1 SSE FENTER [34.37, -92.62] | | | | |
| | 02/28/18 20:01 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 22:01 CST | | 0 | Source: Department of Highways |
| Three miles of State Highway 229 between the towns of Poyen and Fenter was closed due to high water. | | | | |
| HOT SPRING COUNTY --- 1.1 E BISMARCK [34.32, -93.15], 0.6 E BISMARCK [34.32, -93.16], 0.6 E BISMARCK [34.32, -93.16], 1.2 E BISMARCK [34.32, -93.15] | | | | |
| | 02/28/18 20:05 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 22:05 CST | | 0 | Source: Public |
| Hickory Grove Rd. was flooded by water in Bismarck. | | | | |
| WHITE COUNTY --- 1.7 E BELCHER [35.08, -91.59], 1.4 NE BELCHER [35.10, -91.60], 2.6 ENE BELCHER [35.10, -91.58], 2.4 E BELCHER [35.08, -91.58] | | | | |
| | 02/28/18 20:22 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 22:22 CST | | 0 | Source: 911 Call Center |
| Highway 11 at Fletcher Ellis Rd. was closed due to high water. | | | | |
| WHITE COUNTY --- 2.1 NNE BELCHER [35.11, -91.61], 2.2 E GRIFFITHVILLE [35.12, -91.61], 2.6 E GRIFFITHVILLE [35.12, -91.60], 2.4 NNE BELCHER [35.11, -91.60] | | | | |
| | 02/28/18 20:22 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 22:22 CST | | 0 | Source: 911 Call Center |
| Frank Senko Rd. at Highway 11 was closed due to high water. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|---------------------------------|
| WHITE COUNTY --- 2.1 SSW WATKINS [35.12, -91.49], 1.5 WNW GEORGETOWN [35.12, -91.48], 1.4 W GEORGETOWN [35.12, -91.47], 2.3 W GEORGETOWN [35.12, -91.49] | | | | |
| | 02/28/18 20:22 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 22:22 CST | | 0 | Source: 911 Call Center |
| Jones Island Rd. was closed due to high water. | | | | |
| WHITE COUNTY --- 2.2 SE GARNER [35.11, -91.77], 2.3 NNW VINYITY CORNER [35.11, -91.77], 1.9 NNW VINYITY CORNER [35.10, -91.77], 2.1 NNW VINYITY CORNER [35.10, -91.77] | | | | |
| | 02/28/18 20:22 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 22:22 CST | | 0 | Source: 911 Call Center |
| Vinity Rd. near McRae was closed due to high water. | | | | |
| WHITE COUNTY --- 2.5 E VINYITY CORNER [35.08, -91.70], 1.1 W DOGWOOD [35.08, -91.67], 1.1 WSW DOGWOOD [35.07, -91.67], 2.5 E VINYITY CORNER [35.07, -91.71] | | | | |
| | 02/28/18 20:22 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 22:22 CST | | 0 | Source: 911 Call Center |
| Bayou Rd. was closed due to high water. | | | | |
| SALINE COUNTY --- BROOKS [34.57, -92.45], 1.0 NNE BRYANT [34.61, -92.47], 2.5 E VIMY RIDGE [34.61, -92.38], 0.9 N SARDIS [34.54, -92.40], 0.8 NNW WEST BAUXITE [34.56, -92.53] | | | | |
| | 02/28/18 20:24 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 22:24 CST | | 0 | Source: Public |
| Widespread Flash Flooding was ongoing in and near the communities of Alexander, Shannon Hills, Bauxite, Sardis and Bryant in Saline County. | | | | |
| WHITE COUNTY --- 1.5 SSW WATKINS [35.13, -91.49], 1.2 SSW WATKINS [35.13, -91.49], 1.2 S WATKINS [35.13, -91.48], 1.6 SSW WATKINS [35.13, -91.49] | | | | |
| | 02/28/18 20:24 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 22:24 CST | | 0 | Source: 911 Call Center |
| Heathscott Rd. near Georgetown was closed due to high water. | | | | |
| PULASKI COUNTY --- 1.1 W ROLAND [34.90, -92.50], 1.2 W ROLAND [34.90, -92.50], 1.1 W ROLAND [34.90, -92.50], 1.0 W ROLAND [34.90, -92.50] | | | | |
| | 02/28/18 20:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 22:30 CST | | 0 | Source: Trained Spotter |
| High water was covering Vincent and Beale Streets in Roland. | | | | |
| WHITE COUNTY --- 1.3 WNW EL PASO [35.13, -92.10], 1.1 NW EL PASO [35.13, -92.09], 0.6 WNW EL PASO [35.12, -92.09], 1.0 WNW EL PASO [35.12, -92.10] | | | | |
| | 02/28/18 20:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 22:30 CST | | 0 | Source: Public |
| Ridge Rd. in El Paso was closed due to high water. | | | | |
| CONWAY COUNTY --- 3.1 SE SPRINGFIELD [35.24, -92.53], 1.9 SW MALLET TOWN [35.26, -92.52], 1.7 ESE SPRINGFIELD [35.26, -92.54], 2.2 SE SPRINGFIELD [35.25, -92.54] | | | | |
| | 02/28/18 21:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:00 CST | | 0 | Source: 911 Call Center |
| Springfield Rd. was closed due to high water near the Conway and Faulkner County line. | | | | |
| JEFFERSON COUNTY --- 0.7 SE SORRELLS [34.16, -92.06], 0.8 SE SORRELLS [34.16, -92.06], 0.8 SE SORRELLS [34.16, -92.06], 0.8 SSE SORRELLS [34.16, -92.06] | | | | |
| | 02/28/18 21:11 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:11 CST | | 0 | Source: Fire Department/Rescue |
| Sorrells Rd. at Old Warren Rd. was flooded. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------|
| PIKE COUNTY --- 2.0 NNW KIRBY [34.27, -93.65], 2.1 NNW KIRBY [34.28, -93.65], 2.1 NW KIRBY [34.27, -93.66], 2.0 NW KIRBY [34.27, -93.65] | | | | |
| | 02/28/18 21:45 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:45 CST | | 0 | Source: 911 Call Center |

Palestine Rd. in Kirby was closed due to high water.

Before the month could end, there was another deluge on the horizon. An active southern stream of the jet drove a storm system toward the region on the 27th. The system triggered the next round of downpours. Rain and isolated thunderstorms arrived during the afternoon and evening of the 27th, and continued through much of the 28th. Two to more than four inches of rain was common in central and southern sections of the state. Forty eight hour rainfall through 600 am CST on March 1st included 4.53 inches at Little Rock (Pulaski County), 4.10 inches at Mount Ida (Montgomery County), 3.42 inches at Pine Bluff (Jefferson County), and 3.02 inches at Hot Springs (Garland County).

ARKANSAS, East

| | | | | |
|---|--------------------|--|---|---------|
| (AR-Z008) RANDOLPH, (AR-Z009) CLAY, (AR-Z017) LAWRENCE, (AR-Z018) GREENE | | | | |
| | 02/01/18 00:00 CST | | 0 | Drought |
| | 02/27/18 06:00 CST | | 0 | |

Rainfall alleviated drought conditions across Northeast Arkansas by the end of the month.

| | | | | |
|--|--------------------|--|---|----------------|
| (AR-Z008) RANDOLPH, (AR-Z009) CLAY, (AR-Z017) LAWRENCE, (AR-Z018) GREENE, (AR-Z026) CRAIGHEAD | | | | |
| | 02/06/18 18:00 CST | | 0 | Winter Weather |
| | 02/07/18 02:00 CST | | 0 | |

A surface low tracked along a stalled front across the Mid-South. Precipitation spread across the Mid-South as surface low tracked northeast along the front. Precipitation changed to freezing rain across Northeast Arkansas and the Missouri Bootheel as colder air filtered into the region. Ice accumulations were less than a tenth of an inch with a few slick spots on area roads.

| | | | | |
|--|--------------------|--|-----|------------------------------|
| LAWRENCE COUNTY --- 1.6 ENE PORTIA [36.09, -91.04], 0.9 WNW JESUP [36.02, -91.34] | | | | |
| | 02/20/18 21:40 CST | | 50K | Thunderstorm Wind (EG 55 kt) |
| | 02/20/18 21:55 CST | | 0 | Source: Emergency Manager |

Multiple reports of trees downed across Lawrence County. A couple of barns sustained roof damage.

| | | | | |
|---|--------------------|--|-----|------------------------------|
| RANDOLPH COUNTY --- 0.7 E SHANNON [36.22, -90.94], 1.7 NW SHARUM [36.24, -90.87] | | | | |
| | 02/20/18 22:05 CST | | 50K | Thunderstorm Wind (EG 60 kt) |
| | 02/20/18 22:15 CST | | 0 | Source: Emergency Manager |

One grain bin toppled and nine utility poles broken.

| | | | | |
|---|--------------------|--|----|------------------------------|
| CLAY COUNTY --- 1.5 W PIGGOTT [36.38, -90.21], PIGGOTT [36.38, -90.18] | | | | |
| | 02/20/18 22:55 CST | | 5K | Thunderstorm Wind (EG 50 kt) |
| | 02/20/18 23:05 CST | | 0 | Source: Public |

Lots of shingles removed from house.

A few severe thunderstorms developed along a passing cold front during the late evening hours across portions of northeast Arkansas on February 20th.

| | | | | |
|--|--------------------|--|-----|---------------------------|
| CRAIGHEAD COUNTY --- 1.4 NNW WHITBURG [35.87, -90.59], 1.5 NNE WHITBURG [35.87, -90.57], 0.9 NNE WHITBURG [35.86, -90.57], 0.9 NNW WHITBURG [35.86, -90.59] | | | | |
| | 02/21/18 07:25 CST | | 20K | Flood (due to Heavy Rain) |
| | 02/21/18 12:00 CST | | 0 | Source: Emergency Manager |

County road 912 at the intersection of county road 907 closed due to flooding along the Whitten Creek. One water rescue was done from a driver entering the flooded portion of the road.

| | | | | |
|--|--|--|--|--|
| LEE COUNTY --- 1.1 NNW MARIANNA [34.78, -90.76], 1.1 S FELTON [34.78, -90.78], 1.7 WNW MARIANNA [34.78, -90.78], 0.9 WNW MARIANNA [34.78, -90.76] | | | | |
|--|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|--------------------------------|
| | 02/21/18 18:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 00:00 CST | | 0 | Source: Department of Highways |

High water temporarily blocked Highway 79, near the railroad trestle, in Marianna.

RANDOLPH COUNTY --- 0.6 SSE BROCKETT [36.32, -90.92], 0.8 SW ENGELBERG [36.32, -90.91], 1.2 SSW ENGELBERG [36.31, -90.91], 1.4 SSE BROCKETT [36.31, -90.92]

| | | | | |
|--|--------------------|--|---|--------------------------------|
| | 02/22/18 06:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 12:00 CST | | 0 | Source: Department of Highways |

Highway 166 was blocked at mile 3 due to high water.

PHILLIPS COUNTY --- ONEIDA [34.45, -90.78], 2.1 N ONEIDA [34.48, -90.78], 4.0 NE ONEIDA [34.48, -90.72], 3.4 ENE ONEIDA [34.46, -90.72]

| | | | | |
|--|--------------------|--|---|--------------------------------|
| | 02/22/18 18:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 00:00 CST | | 0 | Source: Department of Highways |

All lanes of Highway 318 from mile marker zero to mile marker four were blocked due to high water.

A prolonged period of rainfall was generated along the backside of a slow moving cold front across portions of Arkansas on February 21st. Areal flooding continued into February 22nd.

LAWRENCE COUNTY --- 1.1 NW IMBODEN [36.21, -91.19], 0.8 NNE IMBODEN [36.21, -91.16], 0.6 SSE IMBODEN [36.19, -91.16], 1.7 WSW IMBODEN [36.19, -91.20]

| | | | | |
|--|--------------------|--|-----|---------------------------------|
| | 02/24/18 16:52 CST | | 10K | Flash Flood (due to Heavy Rain) |
| | 02/24/18 20:00 CST | | 0 | Source: Public |

Flooding reported throughout the entire Imboden area.

RANDOLPH COUNTY --- 0.5 SSE MANSON [36.19, -90.97], 1.6 E MANSON [36.20, -90.94]

| | | | | |
|--|--------------------|--|-----|------------------------------|
| | 02/24/18 17:00 CST | | 30K | Thunderstorm Wind (EG 55 kt) |
| | 02/24/18 17:10 CST | | 0 | Source: Post Office |

Significant damage to metal building at Long Road and Highway 67.

CRAIGHEAD COUNTY --- 0.7 WNW EGYPT [35.87, -90.96], 0.9 ENE EGYPT [35.87, -90.94]

| | | | | |
|--|--------------------|--|-----|------------------------------|
| | 02/24/18 17:15 CST | | 10K | Thunderstorm Wind (EG 50 kt) |
| | 02/24/18 17:20 CST | | 0 | Source: Emergency Manager |

Trees down in western Craighead county in the Eqtypt area.

CRAIGHEAD COUNTY --- 0.4 WNW NALLE [35.90, -90.84], 1.3 ENE BONO [35.91, -90.78]

| | | | | |
|--|--------------------|--|-----|------------------------------|
| | 02/24/18 17:20 CST | | 60K | Thunderstorm Wind (EG 60 kt) |
| | 02/24/18 17:25 CST | | 0 | Source: Broadcast Media |

Pavillion destroyed near Bono. Multiple reports of wind damage in the area.

CROSS COUNTY --- 5.4 W CHERRY VLY [35.40, -90.87], 3.8 NW CHERRY VLY [35.43, -90.82]

| | | | | |
|--|--------------------|--|-------|--------------------------------------|
| | 02/24/18 17:20 CST | | 0.50M | Tornado (EF1, L: 3.23 mi , W: 75 yd) |
| | 02/24/18 17:24 CST | | 0 | Source: NWS Storm Survey |

The tornado started just south of Highway 42 about 5 miles west of the town of Cherry Valley causing damage to two farmsteads. One home on the north side of the state highway suffered the worst damage with a large portion of the roof removed. The tornado then traveled northeast about 3 miles through open fields before taking a single wide trailer off it's foundation. The tornado then lifted shortly after crossing County Road 210 approximately 4 miles northwest of Cherry Valley. Other damage included downed tree limbs and minor damage to a few farm outbuildings and one grain bin. Estimated peak wind was 100 mph.

CLAY COUNTY --- 2.3 SW KNOBEL [36.30, -90.63], 5.6 NW ST FRANCIS [36.48, -90.16]

| | | | | |
|--|--------------------|---|-------|--|
| | 02/24/18 17:21 CST | 1 | 0.50M | Tornado (EF2, L: 29.15 mi , W: 150 yd) |
| | 02/24/18 17:52 CST | | 0 | Source: NWS Storm Survey |

Storm Data and Unusual Weather Phenomena - February 2018

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

The one fatality was east of Knobel Arkansas near the intersection of Highway 90 and Highway 135 in a mobile home. A few homes, trees and power poles were damaged as the tornado tracked toward the St. Francis River. The path was intermittent. The tornado continued into Dunklin County.

Direct Fatalities: M83MH

| | | | | |
|---|--------------------|--|-----|------------------------------|
| GREENE COUNTY --- 4.6 SW WALCOTT [35.99, -90.74], 3.6 SW WALCOTT [35.99, -90.71] | 02/24/18 17:30 CST | | 75K | Thunderstorm Wind (EG 65 kt) |
| | 02/24/18 17:35 CST | | 0 | Source: Emergency Manager |

Roofs were blown off two barns near Highway 168 and County Road 310.

| | | | | |
|--|--------------------|--|-----|------------------------------|
| CRAIGHEAD COUNTY --- 31.0 S BROOKINGS [35.82, -90.79], 31.0 S BROOKINGS [35.82, -90.71] | 02/24/18 17:39 CST | | 20K | Thunderstorm Wind (EG 50 kt) |
| | 02/24/18 17:45 CST | | 0 | Source: Law Enforcement |

Trees down in West Jonesboro.

| | | | | |
|---|--------------------|--|-----|------------------------------|
| POINSETT COUNTY --- TRUMANN [35.68, -90.52], 0.7 ENE TRUMANN [35.68, -90.51] | 02/24/18 17:40 CST | | 60K | Thunderstorm Wind (EG 61 kt) |
| | 02/24/18 17:45 CST | | 0 | Source: Trained Spotter |

Estimated gust. Light poles and trees down in the Trumann area.

| | | | | |
|--|--------------------|---|----|--------------------------------------|
| MISSISSIPPI COUNTY --- 2.9 SW KEISER [35.64, -90.13], 0.4 ESE COTTONWOOD CORNER [35.70, -90.04] | 02/24/18 18:06 CST | | 1M | Tornado (EF1, L: 6.40 mi , W: 50 yd) |
| | 02/24/18 18:15 CST | 1 | 0 | Source: NWS Storm Survey |

The tornado started just southwest of the town of Keiser. Several buildings in town lost parts of roofs and had windows blown out. A couple of buildings had partial or entire roof loss. There was also blown transformers and down trees and power lines across town. The tornado continued through fields and then crossed Interstate 55 before providing considerable damage to a hotel. The tornado ended soon after in an adjacent field. Estimated peak wind was 90 mph.

| | | | | |
|--|--------------------|--|-----|------------------------------|
| CROSS COUNTY --- GIESECK [35.18, -90.57], 0.8 E GIESECK [35.18, -90.56] | 02/24/18 18:15 CST | | 20K | Thunderstorm Wind (EG 50 kt) |
| | 02/24/18 18:20 CST | | 0 | Source: Storm Chaser |

Power lines down along Highway 75.

| | | | | |
|--|--------------------|--|-----|---------------------------------|
| RANDOLPH COUNTY --- 1.1 WNW POCAHONTAS [36.27, -90.99], 0.9 ENE POCAHONTAS [36.28, -90.96], 1.3 SSE POCAHONTAS [36.25, -90.96], 2.0 SW POCAHONTAS [36.25, -90.99] | 02/24/18 18:19 CST | | 30K | Flash Flood (due to Heavy Rain) |
| | 02/24/18 20:30 CST | | 0 | Source: Public |

Several roads across town are under water.

A strong cold front interacted with a very unstable airmass across the Midsouth during the afternoon and evening hours of February 24h. All facets of severe weather occurred.

ARKANSAS, Northwest

| | | | | |
|--|--------------------|--|---|---------|
| (AR-Z002) CARROLL, (AR-Z010) WASHINGTON, (AR-Z011) MADISON, (AR-Z019) CRAWFORD, (AR-Z020) FRANKLIN, (AR-Z029) SEBASTIAN | 02/01/18 00:00 CST | | 0 | Drought |
| | 02/27/18 06:00 CST | | 0 | |

Severe drought (D2) conditions continued across much of northwestern and west central Arkansas through mid February. An active weather pattern began across the area on February 16th and continued for over a week, resulting in multiple rain events across the region. Several of these events were significant. Due to these late-month rains, total monthly rainfall from six to ten inches occurred across all of northwestern and west central Arkansas. The normal average rainfall for February across this region is around three inches. The excessive rainfall resulted in much improved drought conditions by the end of February.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------|
| SEBASTIAN COUNTY --- 0.5 NNE BEVERLY [35.39, -94.10], 0.6 NE BEVERLY [35.39, -94.09], 0.5 ENE BEVERLY [35.38, -94.09], 0.2 NE BEVERLY [35.38, -94.10] | | | | |
| | 02/21/18 10:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 12:00 CST | | 0 | Source: Emergency Manager |

Portions of Highway 252 were flooded and closed at Onion Creek.

| | | | | |
|---|--------------------|--|-----|---------------------------------|
| MADISON COUNTY --- 1.9 WSW COMBS [35.80, -93.86], 2.3 SSW BOSTON [35.80, -93.61], 2.4 WSW REYNOLDS [35.95, -93.64], 2.8 WNW WITTER [35.95, -93.72] | | | | |
| | 02/21/18 12:00 CST | | 50K | Flash Flood (due to Heavy Rain) |
| | 02/21/18 14:00 CST | | 0 | Source: Emergency Manager |

Locally heavy rainfall resulted in flooding that damaged portions of county roads.

Widespread showers and thunderstorms developed across much of northwestern Arkansas on the 20th as a cold front moved through the region. A very moist air mass in place ahead of the cold front promoted the development of heavy rainfall from some of this activity. Widespread two to four inches of rain fell across much of northwestern Arkansas through the morning hours of the 21st, with nearly four inches occurring across portions of Sebastian, Franklin, and Madison Counties. This heavy rainfall resulted in some flash flooding.

| | | | | |
|---|--------------------|--|---|---------------------------------|
| BENTON COUNTY --- 3.8 N BELLA VISTA [36.49, -94.23], 2.6 WSW ROGERS MUNI ARPT [36.36, -94.16], 2.9 NNW GLADE [36.41, -93.93], 0.5 NW GATEWAY [36.49, -93.93] | | | | |
| | 02/24/18 03:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 09:30 CST | | 0 | Source: Emergency Manager |

Heavy rainfall resulted in the flooding of portions of numerous roads across northern Benton County.

Widespread showers and thunderstorms to the north of a stalled frontal boundary produced locally heavy rainfall across much of northwestern Arkansas on the 23rd and 24th. Portions of Benton County received between 2.5 and 5 inches of rain, which resulted in some flash flooding.

ARKANSAS, Southeast

| | | | | |
|---|--------------------|--|-----|---------------------------------|
| CHICOT COUNTY --- 0.9 SW BELLAIRE [33.49, -91.38], 3.0 W MACON LAKE [33.43, -91.37], 0.2 E GAINES [33.47, -91.25], 3.8 NNW DEWEY [33.53, -91.28] | | | | |
| | 02/21/18 12:40 CST | | 50K | Flash Flood (due to Heavy Rain) |
| | 02/21/18 17:00 CST | | 0 | Source: Emergency Manager |

Roughly 90 percent of the secondary roads across northern portions of the county were under water with some impassable.

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|---|--------------------|--|-----|---------------------------------|
| CHICOT COUNTY --- 0.7 SW DERMOTT MUNI ARPT [33.47, -91.44], 0.9 N NORCROSS [33.49, -91.33], 1.6 NNE HALLEY JCT [33.55, -91.37], 1.3 NW DERMOTT [33.53, -91.45] | | | | |
| | 02/21/18 22:25 CST | | 75K | Flash Flood (due to Heavy Rain) |
| | 02/22/18 02:15 CST | | 0 | Source: Emergency Manager |

Several streets were flooded and sandbagging occurred.

| | | | | |
|--|--------------------|--|-------|---------------------------------|
| ASHLEY COUNTY --- 1.0 NNE OLD MILO [33.29, -91.91], 2.5 NNE SULPHUR SPGS [33.11, -92.02], 2.0 SSE PARKDALE [33.09, -91.53], 2.8 ESE TRAFALGAR [33.34, -91.55] | | | | |
| | 02/21/18 22:45 CST | | 0.15M | Flash Flood (due to Heavy Rain) |
| | 02/22/18 02:15 CST | | 0 | Source: Law Enforcement |

Numerous roads were flooded across the county, along with water over some bridges. Arkansas Highway 8 was closed due to flooding between Hamburg and Parkdale. Highway 133 north of Crossett was closed due to flooding.

| | | | | |
|--|--------------------|--|-------|---------------------------------|
| CHICOT COUNTY --- 1.7 WSW DERMOTT MUNI ARPT [33.47, -91.46], 1.5 SSW BELLAIRE [33.48, -91.38], 2.1 NW HALLEY JCT [33.55, -91.41], 1.0 WNW DERMOTT [33.53, -91.45] | | | | |
| | 02/22/18 04:50 CST | | 0.10M | Flash Flood (due to Heavy Rain) |
| | 02/22/18 10:30 CST | | 0 | Source: Trained Spotter |

Several city streets were flooded and closed. Evacuations of residents occurred during the night and into the morning.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------|
| ASHLEY COUNTY --- 3.6 SSE HAMBURG [33.18, -91.80], 3.0 W BERLIN [33.08, -91.82], 0.9 SW SULPHUR SPGS [33.06, -92.04], 2.0 N BEECH CREEK [33.35, -91.92], 4.1 WSW RILEY [33.34, -91.79] | | | | |
| | 02/22/18 14:10 CST | | 20K | Flood (due to Heavy Rain) |
| | 02/22/18 17:30 CST | | 0 | Source: Emergency Manager |
| Roads across the county remained flooded. | | | | |

| | | | | |
|---|--------------------|--|-----|---------------------------|
| CHICOT COUNTY --- 1.4 WNW MYRTLE GROVE [33.31, -91.29], 1.4 NE NORCROSS [33.50, -91.31], 1.1 W DERMOTT [33.52, -91.45], 0.6 WNW COSGROVE [33.30, -91.41], 5.2 WSW INDIAN [33.03, -91.39], 1.6 E READLAND [33.07, -91.19] | | | | |
| | 02/22/18 14:15 CST | | 20K | Flood (due to Heavy Rain) |
| | 02/23/18 09:00 CST | | 0 | Source: Emergency Manager |

Roads across the county remained flooded but slowly receded. Lake Chicot rose about one foot per hour due to water flowing into the lake.

A cold front stalled across the western portions of the ArkLaMiss region. As the front remained stalled, several disturbances moved along it and brought heavy rainfall to the region. This prolonged period of rain resulted in flash flooding across mainly the Delta and southeast Arkansas.

ARKANSAS, Southwest

| | | | | |
|--|--------------------|--|---|----------------------|
| MILLER COUNTY --- 2.6 E GENOA [33.37, -93.88] | | | | |
| | 02/06/18 15:38 CST | | 0 | Hail (1.00 in) |
| | 02/06/18 15:38 CST | | 0 | Source: Social Media |

A picture was posted to the KSLA Twitter page of quarter size hail that fell in Genoa.

| | | | | |
|---|--------------------|--|---|-------------------------|
| MILLER COUNTY --- 0.5 SSW FERGUSON [33.32, -93.95] | | | | |
| | 02/06/18 15:42 CST | | 0 | Hail (1.00 in) |
| | 02/06/18 15:42 CST | | 0 | Source: Law Enforcement |

Quarter size hail fell on I-49 southeast of Texarkana. Report from Arkansas State Police.

| | | | | |
|---|--------------------|--|---|----------------|
| HEMPSTEAD COUNTY --- 0.5 N SPRING HILL [33.59, -93.65] | | | | |
| | 02/06/18 16:08 CST | | 0 | Hail (0.75 in) |
| | 02/06/18 16:08 CST | | 0 | Source: Public |

Dime size hail fell in the Spring Hill community southwest of Hope.

| | | | | |
|--|--------------------|--|---|----------------------|
| HEMPSTEAD COUNTY --- 2.5 S HOPE [33.63, -93.59] | | | | |
| | 02/06/18 16:20 CST | | 0 | Hail (0.75 in) |
| | 02/06/18 16:20 CST | | 0 | Source: Social Media |

A picture was posted to the KSLA Twitter page of dime size hail that fell and covered the ground just south of Hope.

A cold front moved southeast across Northeast Texas, Southwest Arkansas, and Northern Louisiana during early morning hours of February 6th. Meanwhile, overrunning increased during the daytime hours which led to the development of scattered showers behind the front, which developed into embedded thunderstorms as upper level disturbances shifted northeast across the area enhancing large scale lift, ahead of an upper level shortwave trough which moved into the Southern Plains during the afternoon from the Four Corners region. Steep lapse rates ahead of this shortwave trough contributed to elevated instability aloft, with deep layer shear also adequate enough for some organized post-frontal thunderstorms within a cool air mass with surface temperatures in the lower 50s. As a result, a few of these storms became severe, producing numerous reports of small and large hail across portions of Northeast Texas and Southwest Arkansas during the afternoon hours. The strong to severe thunderstorms diminished by early evening as the post-frontal rains became more widespread across the area, thus diminishing the elevated instability.

| | | | | |
|---|--------------------|--|---|----------------|
| (AR-Z050) SEVIER, (AR-Z051) HOWARD, (AR-Z059) LITTLE RIVER, (AR-Z060) HEMPSTEAD, (AR-Z070) MILLER, (AR-Z071) LAFAYETTE | | | | |
| | 02/11/18 13:30 CST | | 0 | Winter Weather |
| | 02/11/18 17:30 CST | | 0 | |

A strong but shallow cold front moved through Southwest Arkansas during the afternoon hours on February 10th. Temperatures fell to freezing across much of Southwest Arkansas by daybreak on the 11th, and remained at or below freezing during the daytime hours as a

Storm Data and Unusual Weather Phenomena - February 2018

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

weak upper level disturbance traversed Northern and Eastern Texas into Southwest Arkansas. Scattered areas of light freezing rain mixed with sleet fell across portions of Northeast Texas and Southwest Arkansas, but only trace amounts of freezing rain and sleet were recorded across Little River, Sevier, Howard, Hempstead, Miller, and Lafayette Counties, with very little if any impacts observed.

SEVIER COUNTY --- 2.0 N NEAL SPGS [33.95, -94.38]

| | | | | |
|--------------------|--|--|---|------------------------------|
| 02/20/18 17:10 CST | | | 0 | Thunderstorm Wind (EG 52 kt) |
| 02/20/18 17:10 CST | | | 0 | Source: Law Enforcement |

Several trees were blown down and tangled with power lines along Highway 24 west of Horatio. The Dequeen Helms Sevier County Airport recorded a wind gust to 44 mph at 510 pm.

SEVIER COUNTY --- 1.8 NW DE QUEEN [34.05, -94.35]

| | | | | |
|--------------------|--|--|---|------------------------------|
| 02/20/18 17:12 CST | | | 0 | Thunderstorm Wind (EG 52 kt) |
| 02/20/18 17:12 CST | | | 0 | Source: Law Enforcement |

A tree fell on a car in Northwest Dequeen. The Dequeen Helms Sevier County Airport recorded a wind gusts to 44 mph at 510 pm.

HOWARD COUNTY --- 0.8 SW ATHENS [34.31, -93.98]

| | | | | |
|--------------------|--|--|---|------------------------------|
| 02/20/18 17:45 CST | | | 0 | Thunderstorm Wind (EG 52 kt) |
| 02/20/18 17:45 CST | | | 0 | Source: Emergency Manager |

Strong thunderstorm winds damaged 4 hog buildings, removed the roof off of 3 chicken houses, and debris knocked the windows out of one vehicle north of Dierks near the Athens community.

A cold front began to shift southeast across extreme Southeast Oklahoma and adjacent sections of Southwest Arkansas during the afternoon hours on February 20th, replacing a very warm and humid air mass with cooler and drier air. Areas of showers and a few embedded thunderstorms developed along and behind the front, as strong overrunning had begun as warmer air surged atop the cooler but shallow air mass behind the front. Enough elevated instability was present to allow for isolated strong to severe thunderstorms to develop along the front during the late afternoon across Northern Sevier and Howard Counties in Southwest Arkansas, before they quickly exited the area and weakened. These storms produced strong winds which downed a few trees near Horatio and DeQueen while also damaging several outbuildings and chicken houses north of Dierks.

MILLER COUNTY --- 0.8 S TEXARKANA [33.42, -94.05], 1.4 S TEXARKANA [33.41, -94.05], 1.3 SSE TEXARKANA [33.41, -94.04], 0.8 S TEXARKANA [33.42, -94.05]

| | | | | |
|--------------------|--|--|---|---------------------------------|
| 02/21/18 12:31 CST | | | 0 | Flash Flood (due to Heavy Rain) |
| 02/21/18 14:30 CST | | | 0 | Source: Law Enforcement |

High water across South State Line Road in Texarkana.

LAFAYETTE COUNTY --- 1.7 NNE STATE LINE [33.07, -93.52], 1.4 NNE STATE LINE [33.07, -93.52], 1.4 NE STATE LINE [33.07, -93.51], 1.8 NE STATE LINE [33.07, -93.51]

| | | | | |
|--------------------|--|--|---|---------------------------------|
| 02/21/18 13:30 CST | | | 0 | Flash Flood (due to Heavy Rain) |
| 02/21/18 14:30 CST | | | 0 | Source: Law Enforcement |

High water over Highway 53.

HEMPSTEAD COUNTY --- 1.3 SSW TOKIO [33.98, -93.76], 1.9 NE FULTON [33.64, -93.80], 3.3 WSW CENTER PT [33.48, -93.67], 3.6 ESE PATMOS [33.48, -93.51], 3.7 NE WALLACEBURG [33.94, -93.51]

| | | | | |
|--------------------|--|--|---|---------------------------------|
| 02/21/18 13:35 CST | | | 0 | Flash Flood (due to Heavy Rain) |
| 02/21/18 14:30 CST | | | 0 | Source: Law Enforcement |

High water over several roads throughout Hempstead County.

MILLER COUNTY --- 3.1 WNW MT PLEASANT [33.38, -94.03], 6.6 NNW BRIGHTSTAR [33.21, -94.02], 3.5 NNE VALLEY GIN [33.22, -93.76], 1.3 SSW HERVEY [33.48, -93.78], 0.6 NW HOMAN [33.54, -93.91]

| | | | | |
|--------------------|--|--|---|---------------------------------|
| 02/21/18 13:40 CST | | | 0 | Flash Flood (due to Heavy Rain) |
| 02/21/18 14:30 CST | | | 0 | Source: Law Enforcement |

High water across several roads throughout Miller County, including County Road 10, County Road 17, County Road 21, and County Road 68/Goodson Lane.

COLUMBIA COUNTY --- 2.4 SSE NEW HOPE [33.07, -93.22], 2.9 SSE NEW HOPE [33.06, -93.22], 2.9 SSE NEW HOPE [33.06, -93.21], 2.4 SSE NEW HOPE [33.07, -93.21]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------|
| | 02/21/18 13:50 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 14:30 CST | | 0 | Source: Law Enforcement |
| High water over County Road 9. | | | | |
| <hr/> | | | | |
| HEMPSTEAD COUNTY --- 1.7 WNW CENTER PT [33.51, -93.65], 1.7 WNW CENTER PT [33.51, -93.65], 1.5 WNW CENTER PT [33.51, -93.64], 1.6 WNW CENTER PT [33.51, -93.64] | | | | |
| | 02/21/18 16:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 17:45 CST | | 0 | Source: Law Enforcement |
| High water over County Road 5 near the Spring Hill community. | | | | |
| <hr/> | | | | |
| NEVADA COUNTY --- 1.6 SSW DIAN [33.78, -93.41], 1.8 SSW DIAN [33.78, -93.41], 1.6 SSW DIAN [33.78, -93.41], 1.5 SSW DIAN [33.78, -93.41] | | | | |
| | 02/21/18 16:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 17:45 CST | | 0 | Source: Law Enforcement |
| High water over Highway 67 at County Road 48. | | | | |
| <hr/> | | | | |
| HEMPSTEAD COUNTY --- 3.2 NNW ROCKY MOUND [33.71, -93.55], 3.1 NNW ROCKY MOUND [33.71, -93.55], 2.0 NNW ROCKY MOUND [33.70, -93.54], 2.0 N ROCKY MOUND [33.70, -93.54], 2.9 N ROCKY MOUND [33.71, -93.54] | | | | |
| | 02/21/18 16:45 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 17:45 CST | | 0 | Source: Law Enforcement |
| High water over County Road 243. | | | | |
| <hr/> | | | | |
| MILLER COUNTY --- 4.4 NE FOUKE [33.31, -93.83], 4.3 S ARTEX [33.32, -93.82], 4.5 S ARTEX [33.32, -93.82], 4.4 NE FOUKE [33.31, -93.82] | | | | |
| | 02/22/18 13:51 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 16:00 CST | | 0 | Source: Amateur Radio |
| County Road 22 closed between County Road 249 and County Road 10 due to flooding. | | | | |
| <hr/> | | | | |
| NEVADA COUNTY --- 4.8 WNW READER [33.79, -93.16], 4.5 WNW READER [33.79, -93.15], 4.3 NW READER [33.81, -93.14], 4.7 NW READER [33.81, -93.14] | | | | |
| | 02/23/18 05:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/23/18 09:30 CST | | 0 | Source: Department of Highways |
| Highway 53 north of Bluff City was closed due to flooding. | | | | |
| <hr/> | | | | |
| HOWARD COUNTY --- 1.8 N MINEOLA [34.35, -94.04], 1.9 WSW GALENA [34.24, -94.15], 2.3 S BURG [34.20, -94.08], 1.8 WNW BLUFF SPGS [33.93, -94.01], 0.8 E SHILOH [33.87, -93.99], 1.3 NE BUCK RANGE [33.87, -93.84], 1.3 S NASHVILLE ARPT [33.98, -93.83] | | | | |
| | 02/23/18 06:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/23/18 09:30 CST | | 0 | Source: Department of Highways |
| Several roads were closed throughout Howard County due to flooding, including the bridge over the Saline River near Umpire, and near creeks in Center Point and just southwest of Nashville. | | | | |
| <p>An upper level low pressure system progressed east southeast from the Pacific Northwest into the Central and Southern Rockies on the morning of February 20th, reinforcing a cold front slowly southeast into Southeast Oklahoma, Northeast Texas, and Southwest Arkansas during the early morning hours of February 21st. A deep southwest flow aloft was present along and behind the front across the Southern Plains and Mississippi Valley, with weak embedded disturbances in the flow helping to enhance the development of scattered to numerous showers and thunderstorms along and behind the front. A warm, moist, and weakly unstable air mass spread north ahead of the front into Northeast Texas, Southeast Oklahoma, Southwest Arkansas, and North Louisiana, with the southwest flow aloft tapping into the subtropical jet, thus transporting Pacific moisture northeast along and behind the front. Periods of moderate to at times, heavy rainfall fell along and behind the front across Southwest Arkansas during the evening hours on the 20th through much of the 21st before gradually diminishing during the late evening hours. However, additional periods of moderate to heavy rain spread across much of Southwest Arkansas on February 22nd north of the cold front, and continued through the morning hours on the 23rd. Widespread rainfall amounts of four to in excess of eight inches fell across much of Southwest Arkansas during this 3 day period, resulting in widespread flash flooding.</p> | | | | |
| <hr/> | | | | |
| SEVIER COUNTY --- 1.1 NW DE QUEEN [34.04, -94.35] | | | | |
| | 02/24/18 13:25 CST | | 0 | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 13:25 CST | | 0 | Source: Law Enforcement |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|--------------------------------|
| A tree was blown down on Vandervoort Drive in Dequeen. | | | | |
| HOWARD COUNTY --- 2.0 WSW CENTER PT [34.02, -93.96] | | | | |
| | 02/24/18 13:50 CST | | 0 | Thunderstorm Wind (EG 56 kt) |
| | 02/24/18 13:50 CST | | 0 | Source: Fire Department/Rescue |

A tower was blown down on Highway 26 near the Center Point community.

| | | | | |
|--|--------------------|--|---|------------------------------|
| HOWARD COUNTY --- 1.1 W CENTER PT [34.03, -93.95] | | | | |
| | 02/24/18 13:55 CST | | 0 | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 13:55 CST | | 0 | Source: Law Enforcement |

A tree was blown down onto power lines on Madison Street in the Center Point community.

| | | | | |
|---|--------------------|--|---|---------------------------------|
| HOWARD COUNTY --- 1.2 NNE NASHVILLE [33.95, -93.84], 1.1 NE NASHVILLE [33.94, -93.84], 1.2 NE NASHVILLE [33.94, -93.84], 1.3 NNE NASHVILLE [33.95, -93.84] | | | | |
| | 02/24/18 16:22 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 17:15 CST | | 0 | Source: Law Enforcement |

High water covered Highway 278 near Nashville.

A warm front lifted north into Eastern Oklahoma and Central Arkansas during the morning hours of February 24th, resulting in a large warm and humid air mass across the Ark-La-Tex region. Meanwhile, showers and thunderstorms increased across North Texas during the morning as well, ahead of a strong upper trough and attendant cold front that ejected east across the Southern Plains and Mississippi Valley. The air mass ahead of the front was moderately unstable, allowing the storms to intensify and become severe as they moved into McCurtain County Oklahoma and the northern portions of Southwest Arkansas. These storms downed trees in Sevier and Howard Counties, with locally heavy rainfall moving repeatedly over the same areas resulting in flash flooding across Howard County as well.

| | | | | |
|---|--------------------|--|---|---------------------------------|
| HOWARD COUNTY --- 1.2 SSW MUDDY FORK [34.11, -93.89], 1.4 SSW MUDDY FORK [34.11, -93.89], 1.3 S MUDDY FORK [34.11, -93.88], 1.1 S MUDDY FORK [34.11, -93.88] | | | | |
| | 02/28/18 23:55 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Law Enforcement |

Highway 369 near the intersection of Gum Tree Road was flooded and closed.

A warm, moist, and unstable air mass remained in place across much of the Ark-La-Tex on February 28th, as a warm front quickly returned back north into Southern Kansas and Missouri. A positive tilt upper level trough of low pressure traversed the Southern Plains during the afternoon, thus increasing large scale ascent resulting in showers and thunderstorms becoming numerous during the evening hours along a convergent elevated boundary that extended north of the Interstate 30 corridor of Northeast Texas and Southwest Arkansas. An approaching cold front and dry line from the west also helped to enhance thunderstorm organization, resulting in areas of heavy rain developing atop already saturated ground conditions from heavy rainfall that fell since February 20th. Additional rainfall amounts of 2-5 inches fell across much of Southwest Arkansas during the afternoon and evening of the 28th, which continued into the morning hours of March 1st. This resulted in flash flooding at various locations in Southwest Arkansas, which lingered into the predawn hours on March 1st.

ATLANTIC NORTH

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNAK) [38.29, -76.41] | | | | |
| | 02/11/18 13:53 EST | | 0 | Marine Thunderstorm Wind (MG 40 kt) |
| | 02/11/18 13:53 EST | | 0 | Source: AWOS |

A wind gust of 40 knots was measured at KNHK.

Gusty showers developed ahead of a strong cold front.

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- (KMTN)MARTIN STATE AIRPORT [39.33, -76.42] | | | | |
| | 02/16/18 13:55 EST | | 0 | Marine Thunderstorm Wind (MG 35 kt) |
| | 02/16/18 13:55 EST | | 0 | Source: AWOS |

A wind gust of 35 knots was reported at Martin State.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|-------------------------------------|
| PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- HAMPSTEAD HILL ACADEMY (BLMHH) [39.29, -76.58] | | | | |
| | 02/16/18 13:55 EST | 0 | | Marine Thunderstorm Wind (EG 34 kt) |
| | 02/16/18 13:55 EST | 0 | | Source: Mesonet |
| A wind gust in excess of 30 knots was reported at the Hampstead Hill Academy. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30] | | | | |
| | 02/16/18 14:35 EST | 0 | | Marine Thunderstorm Wind (EG 34 kt) |
| | 02/16/18 14:35 EST | 0 | | Source: AWOS |
| A wind gust in excess of 30 knots was reported at Quantico. | | | | |
| TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03] | | | | |
| | 02/16/18 15:07 EST | 0 | | Marine Thunderstorm Wind (EG 34 kt) |
| | 02/16/18 15:07 EST | 0 | | Source: ASOS |
| A wind gust in excess of 30 knots was reported at Reagan National Airport. | | | | |
| CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 4.6 S MID BAY BUOY [38.40, -76.39] | | | | |
| | 02/16/18 15:36 EST | 0 | | Marine Thunderstorm Wind (EG 34 kt) |
| | 02/16/18 15:36 EST | 0 | | Source: Buoy |
| A wind gust in excess of 30 knots was reported at Cove Point. | | | | |
| Gusty showers developed ahead of a cold front. | | | | |
| ATLANTIC SOUTH | | | | |
| CHARLESTON HARBOR COUNTY --- 0.1 NNW FORT SUMTER [32.75, -79.87] | | | | |
| | 02/04/18 14:26 EST | 0 | | Marine Thunderstorm Wind (MG 36 kt) |
| | 02/04/18 14:27 EST | 0 | | Source: Mesonet |
| The Weatherflow sensor at Fort Sumter Range Front Light recorded a 36 knot wind gust. | | | | |
| CHARLESTON HARBOR COUNTY --- 1.6 WSW THE CHARLESTON BATTERY [32.76, -79.95] | | | | |
| | 02/04/18 14:35 EST | 0 | | Marine Thunderstorm Wind (MG 34 kt) |
| | 02/04/18 14:36 EST | 0 | | Source: Mesonet |
| The Weatherflow site near Charleston recorded 34 knot wind gust. | | | | |
| S SANTEE R TO EDISTO BEACH SC OUT 20NM COUNTY --- 3.0 ENE FORT SUMTER [32.76, -79.82] | | | | |
| | 02/04/18 14:50 EST | 0 | | Marine Thunderstorm Wind (MG 34 kt) |
| | 02/04/18 14:51 EST | 0 | | Source: Mesonet |
| The Weatherflow site on Sullivan's Island recorded a 34 knot wind gust. | | | | |
| CHARLESTON HARBOR COUNTY --- 0.1 NNW FORT SUMTER [32.75, -79.87] | | | | |
| | 02/04/18 14:51 EST | 0 | | Marine Thunderstorm Wind (MG 40 kt) |
| | 02/04/18 14:52 EST | 0 | | Source: Mesonet |
| The Weatherflow sensor at Fort Sumter Range Front Light recorded a 40 knot wind gust. | | | | |
| A low-topped squall line moved across much of Southeast South Carolina and portions of the coastal waters late morning through mid-afternoon hours. The line, associated with little to no lightning, developed within a strongly forced environment and warm sector of a developing surface low across the Midlands of South Carolina. Despite the absence of surface-based instability, the squall line produced severe wind gusts as it pushed over coastal waters. | | | | |
| JUPITER INLET TO DEERFIELD BEACH FL OUT 20NM COUNTY --- 9.9 E PORT OF PALM BEACH [26.76, -79.91] | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/27/18 13:40 EST | | 0 | Waterspout |
| | 02/27/18 13:40 EST | | 0 | Source: Social Media |

Video received via Twitter of funnel cloud associated with shower offshore West Palm Beach. Observer was unable to see clearly if funnel reached the water surface.

A weak frontal boundary lingering across South Florida lead to shower development over the local Atlantic during the morning and early afternoon hours. A suspected waterspout was spotted with a shower offshore West Palm Beach.

CALIFORNIA, North Central

(CA-Z066) NORTHEAST FOOTHILLS/SACRAMENTO VALLEY, (CA-Z067) MOTHERLODE/CAMPTONVILLE TO GROVELAND, (CA-Z069) WEST SLOPE NORTHERN SIERRA NEVADA

| | | |
|--------------------|---|----------------|
| 02/18/18 18:00 PST | 0 | Winter Weather |
| 02/23/18 06:00 PST | 0 | |

(CA-Z015) NORTHERN SACRAMENTO VALLEY, (CA-Z016) CENTRAL SACRAMENTO VALLEY, (CA-Z017) SOUTHERN SACRAMENTO VALLEY, (CA-Z018) CARQUINEZ STRAIT AND DELTA, (CA-Z019) NORTHERN SAN JOAQUIN VALLEY

| | | |
|--------------------|---|--------------|
| 02/19/18 02:00 PST | 0 | Frost/Freeze |
| 02/21/18 08:00 PST | 0 | |

Unseasonably cold temperatures and frost caused potentially significant damage to the 2018 Central Valley almond crop harvest by happening during the sensitive blooming phase. Temperatures in many locations reached or fell below the critical bloom temperature of 27. Some in the agricultural community were projecting frost damage "...worst since perhaps the 1970's." (AgFax Tree Crops, Feb 26, 2018).

Snow fell in the Sierra, with unusually cold temperatures allowing snow down into the Sierra foothills, to elevations as low as 1400 feet. This caused some travel slow downs and delays in areas that usually don't see accumulating snow.

(CA-Z013) SHASTA LAKE/NORTH SHASTA COUNTY, (CA-Z068) MT SHASTA/WESTERN PLUMAS COUNTY

| | | |
|--------------------|---|----------------|
| 02/25/18 08:00 PST | 0 | Winter Weather |
| 02/28/18 22:00 PST | 0 | |

(CA-Z069) WEST SLOPE NORTHERN SIERRA NEVADA

| | | |
|--------------------|---|------------|
| 02/26/18 08:00 PST | 0 | Heavy Snow |
| 02/27/18 08:00 PST | 0 | |

SACRAMENTO COUNTY --- 0.9 SE (SMF) SACRAMENTO METR [38.69, -121.59]

| | | |
|--------------------|---|----------------|
| 02/26/18 11:15 PST | 0 | Funnel Cloud |
| 02/26/18 11:20 PST | 0 | Source: Public |

At least one funnel cloud was reported near Sacramento International Airport. No touchdown or damage was observed.

YUBA COUNTY --- 2.1 SSE ARBOGA [39.02, -121.56]

| | | |
|--------------------|---|----------------|
| 02/26/18 12:50 PST | 0 | Funnel Cloud |
| 02/26/18 12:55 PST | 0 | Source: Public |

A funnel cloud was reported near Plumas Lake. No touchdown was observed.

SACRAMENTO COUNTY --- 1.8 NW DEL PASO HGTS [38.62, -121.49], 2.0 SW DEL PASO HGTS [38.58, -121.49]

| | | |
|--------------------|-------|--------------------------------|
| 02/26/18 14:40 PST | 0.10M | Hail (0.50 in) |
| 02/26/18 15:30 PST | 0 | Source: Fire Department/Rescue |

Large amounts of small hail blanketed downtown and northern Sacramento, Natomas, and adjacent portions of I5, causing major traffic problems during the afternoon commute. Hail fell 2 to 4 inches deep in portions of north Sacramento and Natomas. Snow plows were required to remove hail in some areas. Some damage was done to awnings and parking lot covers. The California State Library roof suffered damage and leaked, with hundreds of rare books soaked with water.

Low elevation snow caused significant travel problems as well as school delays and closures in the foothills. Snow also resulted in chain controls and travel slowdowns in the mountains. The snow continued into early March, bringing additional impacts.

Storm Data and Unusual Weather Phenomena - February 2018

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

Thunderstorms with large amounts of small hail blanketed portions of the Sacramento, causing major travel problems. Funnel clouds were also reported in the Sacramento area, but no tornado touchdowns observed.



Photo of large amounts of small hail at Stone Creek Drive north of West El Camino. Taken by Sacramento Fire Department, courtesy of @SacFirePIO.

CALIFORNIA, Northeast

| | | | | |
|--|--------------------|---|--|------------------------|
| (CA-Z071) LASSEN/EASTERN PLUMAS/EASTERN SIERRA, (CA-Z072) GREATER LAKE TAHOE AREA, (CA-Z073) MONO | | | | |
| | 02/18/18 05:30 PST | 0 | | High Wind (MAX 116 kt) |
| | 02/19/18 01:01 PST | 0 | | |
| (CA-Z071) LASSEN/EASTERN PLUMAS/EASTERN SIERRA | | | | |
| | 02/18/18 12:00 PST | 0 | | Heavy Snow |
| | 02/18/18 18:30 PST | 0 | | |

Low pressure over the northeast Pacific on the 17th moved southeast, reaching northern California on the 18th. This system brought high winds and snowfall to the Sierra Nevada and northeastern California.

(CA-Z072) GREATER LAKE TAHOE AREA, (CA-Z073) MONO

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/22/18 05:00 PST | | 0 | Heavy Snow |
| | 02/23/18 00:00 PST | | 0 | |

(CA-Z073) MONO

| | | |
|--------------------|---|----------------|
| 02/22/18 05:00 PST | 0 | Winter Weather |
| 02/23/18 00:00 PST | 0 | |

A shortwave rounded the base of a longwave trough over the West Coast, passing over Northern California the morning of the 22nd, which brought snow to the eastern Sierra and northeastern California.

(CA-Z070) SURPRISE VALLEY, (CA-Z071) LASSEN/EASTERN PLUMAS/EASTERN SIERRA, (CA-Z072) GREATER LAKE TAHOE AREA, (CA-Z073) MONO

| | | |
|--------------------|---|------------|
| 02/25/18 20:30 PST | 0 | Heavy Snow |
| 02/27/18 04:00 PST | 0 | |

An area of low pressure over the northeast Pacific on the 25th moved southeast, reaching northern California on the 26th. This system brought snow to eastern California late the 25th into the 26th.

CALIFORNIA, Northwest

(CA-Z101) COASTAL DEL NORTE, (CA-Z103) NORTHERN HUMBOLDT COAST, (CA-Z104) SOUTHWESTERN HUMBOLDT, (CA-Z106) SOUTHERN HUMBOLDT INTERIOR, (CA-Z107) NORTHERN TRINITY, (CA-Z108) SOUTHERN TRINITY, (CA-Z110) NORTHWESTERN MENDOCINO INTERIOR, (CA-Z112) SOUTHWESTERN MENDOCINO INTERIOR, (CA-Z113) SOUTHEASTERN MENDOCINO INTERIOR

| | | |
|--------------------|---|----------------|
| 02/18/18 00:00 PST | 0 | Winter Weather |
| 02/19/18 14:51 PST | 0 | |

HUMBOLDT COUNTY --- 0.5 SSW ARCATA [40.86, -124.08]

| | | |
|--------------------|---|-------------------------|
| 02/18/18 20:42 PST | 0 | Hail (0.25 in) |
| 02/18/18 20:42 PST | 0 | Source: Law Enforcement |

Hail covered road led to a 19 vehicle accident at the intersection of Highway 101 and Highway 255. 16 injuries were reported.

(CA-Z106) SOUTHERN HUMBOLDT INTERIOR

| | | |
|--------------------|---|------------|
| 02/18/18 22:00 PST | 0 | Heavy Snow |
| 02/19/18 08:41 PST | 0 | |

HUMBOLDT COUNTY --- 0.9 NNE (EKA)EUREKA MURRAY F [40.81, -124.11]

| | | |
|--------------------|---|-------------------------|
| 02/18/18 23:12 PST | 0 | Hail (0.25 in) |
| 02/18/18 23:12 PST | 0 | Source: Law Enforcement |

Hail/snow pellet covered road led to a 7 vehicle accident. Approximately a half inch of hail accumulated on the roadway. CHP reports that the multi-vehicle crash involved a motorcyclist who suffered minor injuries to her leg.

An upper-level trough dug southward across the Pacific Northwest during February 18th and 19th. Numerous hail showers developed along the coast, and snowfall occurred across the interior mountains.

(CA-Z101) COASTAL DEL NORTE, (CA-Z102) DEL NORTE INTERIOR, (CA-Z103) NORTHERN HUMBOLDT COAST, (CA-Z105) NORTHERN HUMBOLDT INTERIOR, (CA-Z106) SOUTHERN HUMBOLDT INTERIOR, (CA-Z107) NORTHERN TRINITY, (CA-Z108) SOUTHERN TRINITY, (CA-Z110) NORTHWESTERN MENDOCINO INTERIOR

| | | |
|--------------------|---|----------------|
| 02/20/18 07:00 PST | 0 | Winter Weather |
| 02/22/18 12:34 PST | 0 | |

(CA-Z107) NORTHERN TRINITY

| | | |
|--------------------|---|-----------------------|
| 02/21/18 11:00 PST | 0 | Astronomical Low Tide |
| 02/22/18 11:00 PST | 0 | |

An upper disturbance yielded mountain snow as it moved south across northern California during February 21st and 22nd.

(CA-Z110) NORTHWESTERN MENDOCINO INTERIOR

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/24/18 08:30 PST | | 0 | Winter Weather |
| | 02/24/18 08:45 PST | | 0 | |

A period of localized freezing rain occurred in northcentral Mendocino County on February 24th.

(CA-Z108) SOUTHERN TRINITY

| | | |
|--------------------|---|----------------|
| 02/26/18 02:00 PST | 0 | Winter Weather |
| 02/26/18 07:30 PST | 0 | |

An upper-level storm system amplified across the region on February 26th, resulting in mountain snow.

CALIFORNIA, South Central

(CA-Z091) SW S.J. VALLEY

| | | |
|--------------------|---|-----------|
| 02/01/18 02:40 PST | 0 | Dense Fog |
| 02/01/18 09:30 PST | 0 | |

The large area of high pressure which prevailed over the area toward the end of January continued to hold it's grip on Central California as February began. Area of dense fog formed in the southwestern portion of the San Joaquin Valley on the morning of February 1 and patches of dense fog persisted until late morning.

(CA-Z090) E CENTRAL S.J. VALLEY, (CA-Z091) SW S.J. VALLEY

| | | |
|--------------------|---|-----------|
| 02/03/18 01:15 PST | 0 | Dense Fog |
| 02/03/18 09:39 PST | 0 | |

While fog was more localized on February 2, the large ridge centered off the California coast strengthened overnight resulting in dense fog becoming more prevalent during the morning of February 3 a low level inversion persisted over the San Joaquin Valley. The fog dissipated by late morning.

(CA-Z089) W CENTRAL S.J. VALLEY, (CA-Z090) E CENTRAL S.J. VALLEY, (CA-Z091) SW S.J. VALLEY

| | | |
|--------------------|---|-----------|
| 02/05/18 01:35 PST | 0 | Dense Fog |
| 02/05/18 09:45 PST | 0 | |

The large upper ridge remained centered off the California coast through the morning of the 5th, and areas of dense fog formed toward daybreak across the western San Joaquin Valley. Many school districts either had delayed openings or delay or cancelled morning bus service, California Highway Patrol was pacing traffic on State Routes 198 and 41. The fog dissipated by late morning.

(CA-Z097) TULARE CTY MTNS

| | | |
|--------------------|---|-----------------------|
| 02/12/18 02:10 PST | 0 | High Wind (MAX 54 kt) |
| 02/12/18 02:10 PST | 0 | |

FRESNO COUNTY --- 3.4 N PARLIER [36.67, -119.51], 3.2 W REEDLEY AIRPORT [36.67, -119.51]

| | | |
|--------------------|---|--------------------------------------|
| 02/12/18 11:30 PST | 0 | Tornado (EF0, L: 0.30 mi , W: 20 yd) |
| 02/12/18 11:32 PST | 0 | Source: Broadcast Media |

A tornado briefly touched down in rural farmland between Riverbend Ave. and Goodfellow Ave. southeast of Sanger and was captured on video and relayed to the NWS by a media source.

High pressure brought a prolonged period of unseasonably warm temperatures to begin February as temperatures were 10 degrees or more above seasonal normals across much of the are for the first 10 days of the month. A low pressure system dropping into the Great Basin on the 10th brought a period of increased winds to the Kern County Mountains and Deserts during the late morning and early afternoon as strong mid level winds mixed down to the surface where there were numerous reports of gusts between 45 and 50 mph. Another trough pushed through the Great Basin on the evening of the 11th through the morning of the 12th which pushed a cold front through Central California and brought another period of increased winds to the area and there were several reports of wind gusts between 50 and 55 mp in the Kern County Mountains and Deserts. this system also brought some light precipitation to the area with amounts generally less than a tenth of an inch of liquid precipitation in post-frontal showers on the 12th. A weak tornado briefly touched down in rural farmland near Sanger during the late morning of the 12th.

(CA-Z092) SE S.J. VALLEY

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|-------------------------|
| | 02/18/18 19:37 PST | | 5K | Strong Wind (MAX 39 kt) |
| | 02/18/18 19:37 PST | | 0 | |

(CA-Z095) KERN CTY MTNS, (CA-Z097) TULARE CTY MTNS, (CA-Z098) INDIAN WELLS VLY

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 02/18/18 21:27 PST | | 0 | High Wind (MAX 72 kt) |
| | 02/19/18 02:32 PST | | 0 | |

President's Day weekend got off to a warm and dry start across the area, but the weekend ended on the chilly side as a strong cold front pushed across Central California on the evening of February 18. Gusty winds accompanied the front and continued behind the cold front overnight and well into the President's Day holiday before diminishing by afternoon. Several locations in the San Joaquin Valley measured wind gusts between 35 and 45 mph while several stations in the Kern County Mountains and Deserts reported wind gusts between 45 and 55 mph with a few low impact indicator locations reporting stronger gusts. In addition to the strong winds, light snow fell across portions of the Kern County Mountains in post frontal showers and several locations picked up between a dusting to an inch of snowfall.

(CA-Z089) W CENTRAL S.J. VALLEY, (CA-Z090) E CENTRAL S.J. VALLEY, (CA-Z091) SW S.J. VALLEY, (CA-Z092) SE S.J. VALLEY

| | | | | |
|--|--------------------|--|-------|--------------|
| | 02/20/18 02:00 PST | | 0 | Frost/Freeze |
| | 02/21/18 08:00 PST | | 0.15B | |

A deep upper trough over the Great Basin provided for a cold northerly flow over central California for several days beginning on the afternoon of February 19. This resulted in a cold and dry airmass becoming settled over the San Joaquin Valley by the morning of February 20 as the valley experienced its coldest morning in several years at many locations as many reporting stations reported several hours of subfreezing temperatures. Since many trees and plants were already in bloom, numerous crops experienced significant damage from the cold overnight temperatures. The snap pea crop was nearly wiped out entirely and several nut orchards experienced significant crop damage as the almond crop was especially hit hard. Damage to citrus was somewhat mitigated by the fact that much of the crop had already been harvested. The damage would have been significantly greater if not for frost protection measures taken by several growers.

(CA-Z089) W CENTRAL S.J. VALLEY, (CA-Z090) E CENTRAL S.J. VALLEY, (CA-Z091) SW S.J. VALLEY, (CA-Z092) SE S.J. VALLEY

| | | | | |
|--|--------------------|--|---|--------------|
| | 02/21/18 02:00 PST | | 0 | Frost/Freeze |
| | 02/21/18 08:00 PST | | 0 | |

The cold airmass over the San Joaquin Valley remained in place as clear skies and light winds prevailed overnight. Radiational cooling allowed for temperatures to drop below the freezing mark for several hours once again during the morning of February 21.

(CA-Z089) W CENTRAL S.J. VALLEY, (CA-Z090) E CENTRAL S.J. VALLEY, (CA-Z091) SW S.J. VALLEY, (CA-Z092) SE S.J. VALLEY

| | | | | |
|--|--------------------|--|---|--------------|
| | 02/22/18 02:00 PST | | 0 | Frost/Freeze |
| | 02/22/18 08:00 PST | | 0 | |

Although a storm was expected to bring increasing clouds to the area on the morning of February 22, this system took a little longer than anticipated to reach Central California and skies remained clear in the San Joaquin Valley for much of night allowing for another night of radiational cooling to take place. Temperatures dropped below the freezing in the San Joaquin Valley for several hours for the third consecutive morning.

(CA-Z095) KERN CTY MTNS

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 02/22/18 13:32 PST | | 0 | High Wind (MAX 59 kt) |
| | 02/22/18 15:27 PST | | 0 | |

A cold low pressure system dropped south from the Pacific Northwest during the afternoon of February 22 bringing increased winds and showery precipitation to much of the area. Several locations in the Kern County Mountains and Deserts reported wind gusts between 35 and 45 mph while a few low impact indicator sites reported stronger gusts. In addition to the increased winds, much of the Southern Sierra Nevada picked up between 5 and 10 inches of new snow while lesser amounts accumulated in the Southern Sierra Foothills and Kern County Mountains where there where travel was adversely impacted as the snow level lowered to near 1500 feet.

(CA-Z089) W CENTRAL S.J. VALLEY, (CA-Z090) E CENTRAL S.J. VALLEY, (CA-Z091) SW S.J. VALLEY, (CA-Z092) SE S.J. VALLEY

| | | | | |
|--|--------------------|--|---|--------------|
| | 02/24/18 02:00 PST | | 0 | Frost/Freeze |
| | 02/24/18 08:00 PST | | 0 | |

With a cold airmass remaining in place over the San Joaquin Valley, clearing skies and light winds allowed for temperatures to drop below the freezing mark on the morning of February 24 after clouds and increased winds kept temperatures up the morning before.

(CA-Z090) E CENTRAL S.J. VALLEY, (CA-Z092) SE S.J. VALLEY

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/25/18 03:00 PST | | 0 | Frost/Freeze |
| | 02/25/18 08:00 PST | | 0 | |

Although the cold airmass over the San Joaquin Valley moderated somewhat on the February 24, clear skies and light winds overnight resulted in another morning of subfreezing temperatures on the east side of the San Joaquin Valley on the morning of February 25. Overnight temperatures in the valley moderated the next two mornings as a low pressure system brought widespread clouds and precipitation into the area by February 26. While this system brought some generally light precipitation to the area through the morning of February 27 as most of the moisture and dynamics with this system remained over Northern California, there were some impacts to travel in the Southern Sierra Foothills and the Kern County Mountains as snow levels lowered to around 2000 feet. Temperatures across the area were well below normal for the last 10 days of February following an unseasonably warm start to the month.

CALIFORNIA, Southeast

(CA-Z520) OWENS VALLEY, (CA-Z525) MORONGO BASIN

| | | |
|--------------------|-----|-----------------------|
| 02/18/18 15:42 PST | 60K | High Wind (MAX 56 kt) |
| 02/19/18 09:25 PST | 0 | |

A deep, cold low pressure system and associated cold front brought high winds to portions of the Mojave Desert and Owens Valley.

CALIFORNIA, Southwest

(CA-Z043) SAN DIEGO COUNTY COASTAL AREAS, (CA-Z048) SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS - THE INLAND EMPIRE, (CA-Z050) SAN DIEGO COUNTY VALLEYS, (CA-Z552) ORANGE COUNTY COASTAL

| | | |
|--------------------|---|-----------|
| 02/05/18 00:30 PST | 0 | Dense Fog |
| 02/07/18 08:30 PST | 0 | |

The marine layer reestablished itself under a ridge of high pressure aloft. This resulted in 3 days (5th-7th) with dense fog along the coast during the night and morning hours. No major impacts reported.

(CA-Z055) SAN BERNARDINO COUNTY MOUNTAINS

| | | |
|--------------------|---|----------------|
| 02/12/18 17:00 PST | 0 | Winter Weather |
| 02/12/18 21:00 PST | 0 | |

A weak trough of low pressure swept through the region late on the 12th and early February 13th. A small band of snow showers set up over Running Springs along Highway 18 and 330. Snowfall up to 4 inches resulted in roads being plowed and chain control. Traffic delays were reported for the morning of the 13th. Snowfall ended on the west side of Big Bear Lake so no impact on Highway 38.

Storm Data and Unusual Weather Phenomena - February 2018

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

February 12-13, 2018 1 to 4 inches of dry snow

Snow plowable Running Springs



Photos of snow the morning February 13th. Caltrans reported up to 4 inches that required plowing and chain control.

(CA-Z060) APPLE AND LUCERNE VALLEYS

| | | |
|--------------------|---|------------|
| 02/18/18 16:00 PST | 0 | Dust Storm |
| 02/18/18 20:00 PST | 0 | |

(CA-Z055) SAN BERNARDINO COUNTY MOUNTAINS, (CA-Z058) SAN DIEGO COUNTY MOUNTAINS, (CA-Z065) SAN GORGONIO PASS NEAR BANNING

| | | |
|--------------------|---|-----------------------|
| 02/18/18 17:50 PST | 0 | High Wind (MAX 63 kt) |
| 02/19/18 10:00 PST | 0 | |

(CA-Z055) SAN BERNARDINO COUNTY MOUNTAINS

| | | |
|--------------------|---|----------------|
| 02/19/18 15:00 PST | 0 | Winter Weather |
| 02/19/18 18:00 PST | 0 | |

A moderate strength trough dove down the coast of the Pacific Northwest and then swept through the Inter Mountain West. In Southern California, precipitation was sparse, while strong winds on the 18th and 19th brought areas of blowing dust to the deserts. Impacts were limited.

(CA-Z048) SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS - THE INLAND EMPIRE, (CA-Z050) SAN DIEGO COUNTY VALLEYS, (CA-Z060) APPLE AND LUCERNE VALLEYS, (CA-Z062) SAN DIEGO COUNTY DESERTS, (CA-Z065) SAN GORGONIO PASS NEAR BANNING, (CA-Z554) ORANGE COUNTY INLAND

| | | |
|--------------------|---|--------------|
| 02/20/18 02:00 PST | 0 | Frost/Freeze |
| 02/21/18 08:00 PST | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

In the wake of a cold front, surface high pressure and clear skies brought strong radiational cooling to the region. Temperatures plummeted in low lying inland areas, resulting in areas of frost. The cold arrived on the 20th and continued into the 21st with limited impacts to the regions crops.

Thick Frost!



Thick frost on roofs, grasses and vehicles around Rancho Bernardo

(CA-Z048) SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS - THE INLAND EMPIRE, (CA-Z050) SAN DIEGO COUNTY VALLEYS, (CA-Z062) SAN DIEGO COUNTY DESERTS, (CA-Z065) SAN GORGONIO PASS NEAR BANNING

| | | |
|--------------------|---|--------------|
| 02/24/18 02:00 PST | 0 | Frost/Freeze |
| 02/25/18 08:00 PST | 0 | |

After a 48 hour reprieve, high pressure and strong radiational cooling returned to Southern California. This brought a return of freezing to near freezing conditions in the region, impacting the area between 24th and 25th.

(CA-Z055) SAN BERNARDINO COUNTY MOUNTAINS, (CA-Z056) RIVERSIDE COUNTY MOUNTAINS, (CA-Z058) SAN DIEGO COUNTY MOUNTAINS

| | | |
|--------------------|---|----------------|
| 02/26/18 23:00 PST | 0 | Winter Weather |
| 02/27/18 07:00 PST | 0 | |

A deep closed upper low and associated cold front swept through the Southern California on the 26th and 27th. Low elevation snowfall caused significant impact including the Cajon Pass. Mostly light rainfall occurred in coastal and valley areas but several reports of small hail. Snowfall of 3 to 5 inches occurred in the mountains.

Storm Data and Unusual Weather Phenomena - February 2018

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

San Diego snow and hail

San Diego Union-Tribune @sdut · 9m
San Diegans are loving the blanket of snow covering East County [dlvr.it/QJ49Wn](#)



1 comment, 1 retweet, 9 likes



Uploaded around 11:10 this morning

Like Comment

Write a comment



2 comments, 7 retweets, 16 likes

San Marcos

NWS San Diego @NWSsanDiego · 1h
Latest snow and precipitation reports are located here! #castorm #ca...
[wrh.noaa.gov/total_forecast...](#)



February 27 – Frank Lowry

Hail reported:
 San Marcos
 Carlsbad
 Coronado
 Perris
 Riverside
 El Cajon
 Winchester
 Ramona

Photos of San Diego County snowfall and coastal city hail.

CALIFORNIA, Upper

(CA-Z080) WESTERN SISKIYOU COUNTY

| | | |
|--------------------|---|------------|
| 02/22/18 00:00 PST | 0 | Heavy Snow |
| 02/22/18 08:00 PST | 0 | |

A short wave aloft brought a band of precipitation into a cold air mass that was already in place over northern California in the morning hours on this date. This caused a brief but intense snow event over the area.

(CA-Z082) SOUTH CENTRAL SISKIYOU COUNTY, (CA-Z083) NORTH CENTRAL & SOUTHEAST SISKIYOU COUNTY

| | | |
|--------------------|---|------------|
| 02/25/18 22:00 PST | 0 | Heavy Snow |
| 02/26/18 09:00 PST | 0 | |

A short wave aloft brought a band of precipitation into a cold air mass that was already in place over northern California overnight. This caused a low level snow event over the area.

(CA-Z082) SOUTH CENTRAL SISKIYOU COUNTY, (CA-Z083) NORTH CENTRAL & SOUTHEAST SISKIYOU COUNTY

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/28/18 13:00 PST | | 0 | Heavy Snow |
| | 02/28/18 23:59 PST | | 0 | |

An extended winter storm began in 02/28/18 and continued into March. Several locations in Siskiyou county got heavy snow on the last night of the month.

CALIFORNIA, West South Central

(CA-Z053) VENTURA COUNTY MOUNTAINS, (CA-Z054) LOS ANGELES COUNTY MOUNTAINS EXCLUDING THE SANTA MONICA RANGE

| | | |
|--------------------|---|-----------------------|
| 02/10/18 23:53 PST | 0 | High Wind (MAX 54 kt) |
| 02/11/18 01:53 PST | 0 | |

Gusty north to northeast winds developed across the mountains of Ventura and Los Angeles counties. Wind gusts around 60 MPH were reported.

CALIFORNIA, Western

(CA-Z511) EAST BAY HILLS AND THE DIABLO RANGE

| | | |
|--------------------|----|-------------------------|
| 02/22/18 10:26 PST | 2K | Strong Wind (MAX 35 kt) |
| 02/22/18 10:30 PST | 0 | |

SONOMA COUNTY --- 3.0 N BODEGA [38.39, -122.97]

| | | |
|--------------------|---|-------------------------|
| 02/22/18 13:39 PST | 0 | Hail (0.25 in) |
| 02/22/18 13:44 PST | 0 | Source: Trained Spotter |

Mainly smaller than pea-sized hail.

SAN MATEO COUNTY --- BURLINGAME [37.58, -122.38]

| | | |
|--------------------|---|----------------|
| 02/22/18 14:29 PST | 0 | Hail (0.25 in) |
| 02/22/18 14:34 PST | 0 | Source: Public |

Several reports via social media of small hail around Millbrae/Burlingame. Hail size around or smaller than peas.

CONTRA COSTA COUNTY --- CONCORD [37.97, -122.03]

| | | |
|--------------------|---|----------------|
| 02/22/18 14:45 PST | 0 | Hail (0.25 in) |
| 02/22/18 14:50 PST | 0 | Source: Public |

Pea sized hail reported on social media.

A weak short wave trough brought scattered thunderstorms to the region towards the end of February. This system brought gusty winds and small hail to the area.

SANTA CLARA COUNTY --- 1.0 NNW GILROY [37.03, -121.58]

| | | |
|--------------------|---|-------------------------|
| 02/26/18 14:36 PST | 0 | Hail (0.25 in) |
| 02/26/18 14:41 PST | 0 | Source: Trained Spotter |

Pea sized hail reported near Gilroy.

SONOMA COUNTY --- SANTA ROSA [38.45, -122.70]

| | | |
|--------------------|---|-------------------------|
| 02/26/18 15:38 PST | 0 | Hail (0.25 in) |
| 02/26/18 15:43 PST | 0 | Source: Trained Spotter |

CONTRA COSTA COUNTY --- PLEASANT HILL [37.95, -122.08]

| | | |
|--------------------|---|-------------------------|
| 02/26/18 16:23 PST | 0 | Hail (0.25 in) |
| 02/26/18 16:28 PST | 0 | Source: Trained Spotter |

SAN FRANCISCO COUNTY --- 3.3 WNW SAN FRANCISCO [37.76, -122.51]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/26/18 17:00 PST | | 0 | Hail (0.25 in) |
| | 02/26/18 17:05 PST | | 0 | Source: CoCoRaHS |

Hail reported near San Francisco.

A cold front behind a weak upper level trough brought scattered thunderstorms to the region dumping pea sized hail across the Bay Area.

ALAMEDA COUNTY --- 2.0 W PIEDMONT [37.82, -122.27], 2.0 W PIEDMONT [37.82, -122.27], 2.0 W PIEDMONT [37.82, -122.27], 2.0 W PIEDMONT [37.82, -122.27]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/28/18 23:51 PST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 PST | | 0 | Source: Law Enforcement |

Roadway flooding reported at 3601 Telegraph Ave.

An upper level system with a strong cold front moved through the Bay Area at the turn of the month with precipitation beginning late the evening of the 28th. This system brought widespread rainfall causing localized roadway flooding, strong winds, lightning, and small hail. Gusts in the mountains reached 60 mph and hail was seen up to 1/2 an inch. The bulk of the precipitation and subsequent impacts were seen in early March.

COLORADO, Central and Northeast

(CO-Z044) MORGAN COUNTY, (CO-Z048) LOGAN COUNTY, (CO-Z049) WASHINGTON COUNTY

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/01/18 00:00 MST | | 0 | Winter Weather |
| | 02/01/18 09:00 MST | | 0 | |

Bands of locally heavy snowfall developed over portions of the northeast plains. Storm totals included: 6 inches in Brush, 5 inches at Akron and Weldona, with 4.5 inches near Leroy.

(CO-Z031) WEST JACKSON & WEST GRAND COUNTIES ABOVE 9000 FEET, (CO-Z033) S & E JACKSON / LARIMER / N & NE GRAND / NW BOULDER COUNTIES ABOVE 9000 FEET, (CO-Z034) S & SE GRAND / W CENTRAL & SW BOULDER / GILPIN / CLEAR CREEK / SUMMIT / N & W PARK COUNTIES ABOVE 9000 FEET

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/05/18 05:00 MST | | 0 | Winter Weather |
| | 02/06/18 03:00 MST | | 0 | |

Strong winds and periods of moderate to heavy snowfall developed over the north central mountains of Colorado. Storm totals included: 13 inches at Summit Ranch, 11 inches at Berthoud and Loveland SNOTELS; 10 inches at Jackwacker Gulch SNOTEL, 8 inches at Middle Fork Camp SNOTEL, with lesser amounts of 3 to 6 inches elsewhere. A peak wind gust to 76 mph was recorded atop Berthoud Pass. Elsewhere, peak wind gusts above timberline generally ranged from 55-65 mph.

(CO-Z033) S & E JACKSON / LARIMER / N & NE GRAND / NW BOULDER COUNTIES ABOVE 9000 FEET, (CO-Z034) S & SE GRAND / W CENTRAL & SW BOULDER / GILPIN / CLEAR CREEK / SUMMIT / N & W PARK COUNTIES ABOVE 9000 FEET

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/10/18 05:30 MST | | 0 | Winter Weather |
| | 02/10/18 17:00 MST | | 0 | |

There was a brief period of moderate to heavy snowfall in the mountains with the passage of the storm system. Storm totals included: 10 inches at Deadman Hill and Long Draw Reservoir SNOTELS, 7 inches at Copper Mountain SNOTEL, with 6 inches at Hourglass Lake and Jones Pass SNOTELS.

(CO-Z031) WEST JACKSON & WEST GRAND COUNTIES ABOVE 9000 FEET, (CO-Z033) S & E JACKSON / LARIMER / N & NE GRAND / NW BOULDER COUNTIES ABOVE 9000 FEET, (CO-Z034) S & SE GRAND / W CENTRAL & SW BOULDER / GILPIN / CLEAR CREEK / SUMMIT / N & W PARK COUNTIES ABOVE 9000 FEET

| | | | | |
|--|--------------------|--|---|--------------|
| | 02/14/18 17:00 MST | | 0 | Winter Storm |
| | 02/15/18 18:00 MST | | 0 | |

A storm system brought strong winds and heavy snow to the north central mountains of Colorado. Storm totals included: 19.5 inches, 9 miles east-northeast of Steamboat Springs; 17 inches, 5 miles west of Berthoud Falls and Mt Zirkel; 12 inches, 9 miles east of Glendevey, 11 inches near Rabbit Ears Pass, 8.5 inches, 5 miles west of Green Mountain, with 7 inches at Copper Mountain and 10 miles north-northeast of Silverthorne.

Strong winds were also recorded with a peak wind gust of 81 mph measured atop Berthoud Pass.

(CO-Z034) S & SE GRAND / W CENTRAL & SW BOULDER / GILPIN / CLEAR CREEK / SUMMIT / N & W PARK COUNTIES ABOVE 9000 FEET, (CO-Z035)

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|------------------------|
| LARIMER & BOULDER COUNTIES BETWEEN 6000 & 9000 FEET | | | | |
| | 02/18/18 02:00 MST | | 0 | High Wind (MAX 85 kt) |
| | 02/18/18 10:00 MST | | 0 | |

Very strong winds developed over portions of the Front Range mountains and foothills. Peak wind gusts included: 98 mph, 2 miles south-southeast of Gold Hill, 86 mph atop Berthoud Pass, 83 mph atop Peak 8 at Breckenridge Ski Area with 75 mph, 3 miles east of Gold Hill.

(CO-Z035) LARIMER & BOULDER COUNTIES BETWEEN 6000 & 9000 FEET, (CO-Z036) JEFFERSON & W DOUGLAS COUNTIES ABOVE 6000 FEET / GILPIN / CLEAR CREEK / NE PARK COUNTIES BELOW 9000 FEET, (CO-Z039) BOULDER & JEFFERSON COUNTIES BELOW 6000 FEET / W BROOMFIELD COUNTY

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/19/18 16:00 MST | | 0 | Winter Weather |
| | 02/19/18 23:00 MST | | 0 | |

A storm system brought a period of moderate to heavy snowfall to locations in and near the Front Range Foothills. Storm totals included: 9 inches in Louisville, 8.5 inches at Lafayette and 2 miles south of Rocky Flats, 8 inches, 2 miles south of Boulder and 3 miles north-northeast of Eldorado Springs; 7.5 inches in Erie, 7 inches, 3 miles west-northwest of Arvada and at the National Weather Service in Boulder; 6 inches at Copeland Lake, Evergreen, 3 miles northwest of Idledale and Intercanyon.

COLORADO, East Central

(CO-Z090) YUMA COUNTY

| | | | | |
|--|--------------------|--|---|------------|
| | 02/10/18 06:00 MST | | 0 | Heavy Snow |
| | 02/10/18 18:00 MST | | 0 | |

A band of moderate to heavy snowfall slowly moved south across Yuma County during the day. Snowfall reports ranged from four to seven inches, with the highest amount reported northeast of Wray.

COLORADO, South Central and Southeast

(CO-Z068) EASTERN SAN JUAN MOUNTAINS ABOVE 10000 FT

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/06/18 04:00 MST | | 0 | Winter Weather |
| | 02/06/18 22:00 MST | | 0 | |

A passing storm system generated six inches of snow near Monarch Pass and seven inches of snow near Westcliffe.

(CO-Z060) EASTERN SAWATCH MOUNTAINS ABOVE 11000 FT

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/10/18 12:00 MST | | 0 | Winter Weather |
| | 02/11/18 05:00 MST | | 0 | |

A quick moving storm system dropped six inches of snow near the communities of Maysville, Texas Creek and Colorado Springs. Seven inches of snow graced Rye and Wetmore. Eight inches of snow was measured near Beulah, while 14 inches of snow was recorded at Monarch Pass.

(CO-Z068) EASTERN SAN JUAN MOUNTAINS ABOVE 10000 FT

| | | | | |
|--|--------------------|--|---|--------------|
| | 02/12/18 04:00 MST | | 0 | Winter Storm |
| | 02/13/18 08:00 MST | | 0 | |

Favorable moist southwest flow produced 22 inches of snow near Wolf Creek Pass.

(CO-Z084) NORTHERN EL PASO COUNTY / MONUMENT RIDGE / RAMPART RANGE BELOW 7500 FT

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 02/14/18 06:41 MST | | 0 | High Wind (MAX 55 kt) |
| | 02/14/18 10:00 MST | | 0 | |

Strong winds, gusting in excess of 60 mph at times were noted over portions of El Paso county during the morning of the 14th. The highest reported wind gust with this event was 63 mph near the Air Force Academy in El Paso county.

(CO-Z068) EASTERN SAN JUAN MOUNTAINS ABOVE 10000 FT

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/14/18 17:00 MST | | 0 | Winter Storm |
| | 02/15/18 14:00 MST | | 0 | |

Another round of favorable moist southwesterly flow provided Wolf Creek Pass with an additional 15 inches of snow.

(CO-Z082) PIKES PEAK ABOVE 11000 FT, (CO-Z084) NORTHERN EL PASO COUNTY / MONUMENT RIDGE / RAMPART RANGE BELOW 7500 FT, (CO-Z085) COLORADO SPRINGS VICINITY / SOUTHERN EL PASO COUNTY / RAMPART RANGE BELOW 7500 FT

| | | |
|--------------------|---|-----------------------|
| 02/17/18 01:34 MST | 0 | High Wind (MAX 74 kt) |
| 02/17/18 04:00 MST | 0 | |

Strong winds, gusting in excess of 80 mph at times were noted over sections of the El Paso and Teller county during the the early morning hours of the 17th. Some of the higher reported wind gusts with this system included a wind gust of 80 mph at the Pikes Peak Summit and an impressive 85 mph wind gust at the Air Force Academy.

(CO-Z070) ALAMOSA VICINITY / CENTRAL SAN LUIS VALLEY BELOW 8500 FT, (CO-Z072) NORTHERN SANGRE DE CRISTO MOUNTAINS BETWEEN 8500 & 11000 FT, (CO-Z073) NORTHERN SANGRE DE CRISTO MOUNTAINS ABOVE 11000 FT, (CO-Z074) SOUTHERN SANGRE DE CRISTO MOUNTAINS BETWEEN 7500 & 11000 FT, (CO-Z075) SOUTHERN SANGRE DE CRISTO MOUNTAINS ABOVE 11000 FT, (CO-Z084) NORTHERN EL PASO COUNTY / MONUMENT RIDGE / RAMPART RANGE BELOW 7500 FT, (CO-Z085) COLORADO SPRINGS VICINITY / SOUTHERN EL PASO COUNTY / RAMPART RANGE BELOW 7500 FT, (CO-Z087) WALSENBURG VICINITY / UPPER HUERFANO RIVER BASIN BELOW 7500 FT

| | | |
|--------------------|---|-----------------------|
| 02/18/18 10:00 MST | 0 | High Wind (MAX 74 kt) |
| 02/19/18 14:00 MST | 0 | |

Another storm system producing strong winds, gusting in excess of 80 mph at times were experienced over sections of southern Colorado during the 18th and 19th. Some of the highest reported wind gusts with this event included wind gusts between 58 mph and 64 mph near Black Forest and La Veta, wind gusts between 65 and 74 mph near the Air Force Academy, and wind gusts between 75 and 84 mph near La Veta Pass.

(CO-Z060) EASTERN SAWATCH MOUNTAINS ABOVE 11000 FT, (CO-Z068) EASTERN SAN JUAN MOUNTAINS ABOVE 10000 FT

| | | |
|--------------------|---|--------------|
| 02/18/18 23:00 MST | 0 | Winter Storm |
| 02/20/18 08:00 MST | 0 | |

Monarch Pass received 12 inches of snow and gusty winds, while Wolf Creek pass noted 17 inches of snow with a passing storm system.

(CO-Z068) EASTERN SAN JUAN MOUNTAINS ABOVE 10000 FT

| | | |
|--------------------|---|----------------|
| 02/20/18 15:00 MST | 0 | Winter Weather |
| 02/21/18 12:00 MST | 0 | |

Another in a series of storm systems pummeled the Wolf Creek Pass area with an additional 20 inches of snow. In addition, six of of snow was also measured near Hillside in Custer county with this event.

COLORADO, West

(CO-Z004) ELKHEAD AND PARK MOUNTAINS

| | | |
|--------------------|---|----------------|
| 02/02/18 08:00 MST | 0 | Winter Weather |
| 02/04/18 01:00 MST | 0 | |

A trough embedded in a northwest flow aloft brushed the northwestern Colorado mountains and produced significant to locally heavy snowfall.

(CO-Z010) GORE AND ELK MOUNTAINS/CENTRAL MOUNTAIN VALLEYS, (CO-Z012) WEST ELK AND SAWATCH MOUNTAINS, (CO-Z018) NORTHWESTERN SAN JUAN MOUNTAINS

| | | |
|--------------------|---|----------------|
| 02/05/18 09:00 MST | 0 | Winter Weather |
| 02/06/18 14:00 MST | 0 | |

An upper level trough and associated cold front moved through western Colorado and brought significant snowfall to the central mountains and the northwestern San Juan Mountains of western Colorado. Additionally, some snow bands developed in those areas which locally enhanced the snowfall rates.

(CO-Z010) GORE AND ELK MOUNTAINS/CENTRAL MOUNTAIN VALLEYS, (CO-Z012) WEST ELK AND SAWATCH MOUNTAINS, (CO-Z014) UPPER GUNNISON RIVER VALLEY, (CO-Z018) NORTHWESTERN SAN JUAN MOUNTAINS, (CO-Z019) SOUTHWESTERN SAN JUAN MOUNTAINS

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/10/18 08:00 MST | | 0 | Winter Weather |
| | 02/10/18 23:00 MST | | 0 | |

The progression of a disturbance and associated cold front across western Colorado produced significant snowfall over most central and southern mountain areas.

(CO-Z007) DEBEQUE TO SILT CORRIDOR, (CO-Z008) CENTRAL COLORADO RIVER BASIN, (CO-Z013) FLATTOP MOUNTAINS, (CO-Z019) SOUTHWESTERN SAN JUAN MOUNTAINS, (CO-Z022) ANIMAS RIVER BASIN

| | | |
|--------------------|---|--------------|
| 02/11/18 22:00 MST | 0 | Winter Storm |
| 02/13/18 16:00 MST | 0 | |

(CO-Z002) CENTRAL YAMPA RIVER BASIN, (CO-Z003) ROAN AND TAVAPUTS PLATEAUS, (CO-Z004) ELKHEAD AND PARK MOUNTAINS, (CO-Z005) UPPER YAMPA RIVER BASIN, (CO-Z009) GRAND AND BATTLEMENT MESAS, (CO-Z010) GORE AND ELK MOUNTAINS/CENTRAL MOUNTAIN VALLEYS, (CO-Z012) WEST ELK AND SAWATCH MOUNTAINS, (CO-Z017) UNCOMPAHGRE PLATEAU AND DALLAS DIVIDE, (CO-Z018) NORTHWESTERN SAN JUAN MOUNTAINS, (CO-Z023) SAN JUAN RIVER BASIN

| | | |
|--------------------|---|----------------|
| 02/12/18 02:00 MST | 0 | Winter Weather |
| 02/13/18 19:00 MST | 0 | |

A moist and strong southwesterly flow associated with an area of low pressure moving into the Four Corners region resulted in significant to heavy snowfall for most Colorado mountains and some of the higher elevation valleys.

(CO-Z011) CENTRAL GUNNISON AND UNCOMPAHGRE RIVER BASIN

| | | |
|--------------------|---|-----------|
| 02/12/18 23:30 MST | 0 | Dense Fog |
| 02/13/18 10:00 MST | 0 | |

Lingering low level moisture from a departing winter storm led to dense fog that formed across the Central Gunnison and Uncompahgre River Basin.

(CO-Z007) DEBEQUE TO SILT CORRIDOR

| | | |
|--------------------|---|-----------|
| 02/14/18 02:00 MST | 0 | Dense Fog |
| 02/14/18 11:30 MST | 0 | |

Lingering low level moisture from a departing winter storm led to dense fog that formed along the Interstate 70 corridor from Debeque to Silt.

(CO-Z002) CENTRAL YAMPA RIVER BASIN, (CO-Z005) UPPER YAMPA RIVER BASIN, (CO-Z012) WEST ELK AND SAWATCH MOUNTAINS, (CO-Z018) NORTHWESTERN SAN JUAN MOUNTAINS, (CO-Z019) SOUTHWESTERN SAN JUAN MOUNTAINS, (CO-Z023) SAN JUAN RIVER BASIN

| | | |
|--------------------|---|----------------|
| 02/14/18 17:00 MST | 0 | Winter Weather |
| 02/15/18 23:00 MST | 0 | |

(CO-Z004) ELKHEAD AND PARK MOUNTAINS, (CO-Z009) GRAND AND BATTLEMENT MESAS, (CO-Z010) GORE AND ELK MOUNTAINS/CENTRAL MOUNTAIN VALLEYS, (CO-Z013) FLATTOP MOUNTAINS

| | | |
|--------------------|---|--------------|
| 02/14/18 21:00 MST | 0 | Winter Storm |
| 02/16/18 00:00 MST | 0 | |

The progression and eventual merging of two weather disturbances across western Colorado combined with a strong polar and sub-tropical jet to produce significant to heavy snowfall across most Colorado mountains and some higher valley locations. Snowfall began over the higher terrain on the evening of Wednesday, February 14th before increasing in coverage and continuing through the night of Thursday, February 15th. The heaviest snowfall fell Thursday morning and early Thursday afternoon. The support of the two upper level jets overhead enhanced snowfall rates and allowed gusty winds to mix down to the surface which resulted in periods of reduced visibility in blowing snow.

(CO-Z002) CENTRAL YAMPA RIVER BASIN, (CO-Z003) ROAN AND TAVAPUTS PLATEAUS, (CO-Z004) ELKHEAD AND PARK MOUNTAINS, (CO-Z005) UPPER YAMPA RIVER BASIN, (CO-Z007) DEBEQUE TO SILT CORRIDOR, (CO-Z008) CENTRAL COLORADO RIVER BASIN, (CO-Z010) GORE AND ELK MOUNTAINS/CENTRAL MOUNTAIN VALLEYS, (CO-Z013) FLATTOP MOUNTAINS, (CO-Z014) UPPER GUNNISON RIVER VALLEY

| | | |
|--------------------|---|----------------|
| 02/18/18 00:00 MST | 0 | Winter Weather |
| 02/20/18 09:00 MST | 0 | |

(CO-Z009) GRAND AND BATTLEMENT MESAS, (CO-Z012) WEST ELK AND SAWATCH MOUNTAINS, (CO-Z018) NORTHWESTERN SAN JUAN MOUNTAINS, (CO-Z019) SOUTHWESTERN SAN JUAN MOUNTAINS

| | | |
|--------------------|---|--------------|
| 02/18/18 22:00 MST | 0 | Winter Storm |
| 02/20/18 08:00 MST | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

| | | | | |
|-----------------------------------|--------------------|--|---|----------|
| (CO-Z001) LOWER YAMPA RIVER BASIN | 02/19/18 00:00 MST | | 0 | Blizzard |
| | 02/19/18 09:00 MST | | 0 | |

A strong cold front brought widespread snowfall and localized blizzard conditions to much of western Colorado. Snow initially began in southwesterly flow across the high terrain of southwestern Colorado late Sunday night, February 18th, before the front moved through on Monday, February 19th. Travel was severely impacted over the high mountain passes throughout the event.

| | | | | |
|------------------------|--------------------|--|----|-------------------------|
| (CO-Z006) GRAND VALLEY | 02/18/18 17:30 MST | | 1K | Strong Wind (MAX 35 kt) |
| | 02/18/18 18:30 MST | | 0 | |

| | | | | |
|---|--------------------|--|---|------------------------|
| (CO-Z007) DEBEQUE TO SILT CORRIDOR, (CO-Z011) CENTRAL GUNNISON AND UNCOMPAHGRE RIVER BASIN, (CO-Z019) SOUTHWESTERN SAN JUAN MOUNTAINS | 02/19/18 10:00 MST | | 0 | High Wind (MAX 100 kt) |
| | 02/19/18 15:00 MST | | 0 | |

Strong winds ahead of a strong cold front on Sunday, February 18th increased even more with the passage of the front across western Colorado on Monday, February 19th. Both days resulted in gusty surface winds across many valleys.



Wind damage in Grand Junction, Colorado at intersection between 29 1/2 Road and Bunting Avenue around 1805 MST. Credit: KKCO11 News.

| | | | | |
|--|--------------------|--|---|---------|
| (CO-Z011) CENTRAL GUNNISON AND UNCOMPAHGRE RIVER BASIN, (CO-Z014) UPPER GUNNISON RIVER VALLEY, (CO-Z017) UNCOMPAHGRE PLATEAU AND DALLAS DIVIDE, (CO-Z018) NORTHWESTERN SAN JUAN MOUNTAINS, (CO-Z019) SOUTHWESTERN SAN JUAN MOUNTAINS, (CO-Z020) PARADOX VALLEY / LOWER DOLORES RIVER BASIN, (CO-Z021) FOUR CORNERS / UPPER DOLORES RIVER BASIN, (CO-Z022) ANIMAS RIVER BASIN | 02/20/18 00:00 MST | | 0 | Drought |
| | 02/28/18 23:59 MST | | 0 | |

Even though February was rather active with snowfall events, precipitation remained well below normal for the month over portions of western Colorado, and this contributed to the already drier than normal conditions prior to February.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|------------------------|
| (CO-Z019) SOUTHWESTERN SAN JUAN MOUNTAINS, (CO-Z023) SAN JUAN RIVER BASIN | | | | |
| | 02/21/18 14:00 MST | | 0 | Heavy Snow |
| | 02/22/18 15:00 MST | | 0 | |

A disturbance in the southwesterly flow brought significant to heavy snowfall to the San Juan Mountains and the San Juan River Basin.

| | | | | |
|--|--------------------|--|---|----------------|
| (CO-Z003) ROAN AND TAVAPUTS PLATEAUS, (CO-Z004) ELKHEAD AND PARK MOUNTAINS, (CO-Z009) GRAND AND BATTLEMENT MESAS, (CO-Z012) WEST ELK AND SAWATCH MOUNTAINS, (CO-Z013) FLATTOP MOUNTAINS, (CO-Z017) UNCOMPAHGRE PLATEAU AND DALLAS DIVIDE, (CO-Z019) SOUTHWESTERN SAN JUAN MOUNTAINS | | | | |
| | 02/22/18 20:00 MST | | 0 | Winter Weather |
| | 02/24/18 12:00 MST | | 0 | |

A Pacific trough brought widespread significant snowfall to the region.

CONNECTICUT, Northeast

| | | | | |
|---------------------------|--------------------|---|-------|----------------|
| (CT-Z002) HARTFORD | | | | |
| | 02/07/18 10:00 EST | | 0.10M | Winter Weather |
| | 02/07/18 21:00 EST | 1 | 0 | |

A storm moved out of the Gulf of Mexico, crossing Southern New England on the night of the 7th. This brought a period of snow changing to freezing rain across Northern Connecticut. One-quarter inch of ice accumulation was reported.

| | | | | |
|--------------------------|--------------------|--|-----|----------------|
| (CT-Z004) WINDHAM | | | | |
| | 02/14/18 06:00 EST | | 60K | Winter Weather |
| | 02/14/18 08:00 EST | | 0 | |

An area of light freezing rain moved across Connecticut during the morning rush hour, causing numerous traffic accidents and a few road closures due to icing.

CONNECTICUT, Northwest

| | | | | |
|---|--------------------|--|---|----------------|
| (CT-Z001) NORTHERN LITCHFIELD, (CT-Z013) SOUTHERN LITCHFIELD | | | | |
| | 02/07/18 09:00 EST | | 0 | Winter Weather |
| | 02/07/18 22:00 EST | | 0 | |

A winter storm brought mixed wintry precipitation to western Connecticut. Precipitation began as snow during the morning hours but changed to a mix of sleet, freezing rain and snow during the afternoon hours. Precipitation transitioned back to snow during the evening hours before exiting the region northwest to southeast. Snowfall and sleet totals ranged from 1 inch to 3 inches.

| | | | | |
|--------------------------------------|--------------------|--|---|----------------|
| (CT-Z001) NORTHERN LITCHFIELD | | | | |
| | 02/17/18 21:00 EST | | 0 | Winter Weather |
| | 02/18/18 07:00 EST | | 0 | |

| | | | | |
|--------------------------------------|--------------------|--|---|------------|
| (CT-Z013) SOUTHERN LITCHFIELD | | | | |
| | 02/17/18 21:00 EST | | 0 | Heavy Snow |
| | 02/18/18 07:00 EST | | 0 | |

A low pressure system tracked southeast of New York, spreading moderate to heavy snowfall across Litchfield county, Connecticut. The snowfall primarily fell Saturday night into early Sunday morning, with reports of up to 7.5 inches in Litchfield county.

CONNECTICUT, Southern

| | | | | |
|---|--|--|--|--|
| (CT-Z005) NORTHERN FAIRFIELD, (CT-Z006) NORTHERN NEW HAVEN, (CT-Z009) SOUTHERN FAIRFIELD, (CT-Z010) SOUTHERN NEW HAVEN | | | | |
|---|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/07/18 09:00 EST | | 0 | Winter Weather |
| | 02/07/18 22:00 EST | | 0 | |

A wave of low pressure developed across the southeastern states and tracked towards the northeast on February 7, 2018. The low brought a mixture of light snow and light freezing rain. The low pressure tracked a long a warm front which lifted across portions of the region helping to change any snow to freezing rain.

(CT-Z005) NORTHERN FAIRFIELD, (CT-Z006) NORTHERN NEW HAVEN, (CT-Z009) SOUTHERN FAIRFIELD

| | | | | |
|--|--------------------|--|---|------------|
| | 02/17/18 18:00 EST | | 0 | Heavy Snow |
| | 02/18/18 04:00 EST | | 0 | |

(CT-Z007) NORTHERN MIDDLESEX, (CT-Z008) NORTHERN NEW LONDON, (CT-Z010) SOUTHERN NEW HAVEN, (CT-Z011) SOUTHERN MIDDLESEX

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/17/18 18:30 EST | | 0 | Winter Weather |
| | 02/18/18 05:00 EST | | 0 | |

A low pressure developed along a frontal boundary along the southeast coast on the evening of Saturday, February 17, 2018. This low gradually became better organized as it moved up the coast towards the 40°N/70°W benchmark early Sunday, February 18, 2018. This system brought heavy snow to southwest Connecticut and light to moderate snowfall across central and eastern Connecticut. Warmer temperatures across the southeastern portion of the state limited snowfall accumulation.

DELAWARE

KENT COUNTY --- 0.9 SE LITTLE HEAVEN [39.04, -75.46], 0.6 E LITTLE HEAVEN [39.05, -75.46], 0.8 E LITTLE HEAVEN [39.05, -75.46], 1.0 SE LITTLE HEAVEN [39.04, -75.45]

| | | | | |
|--|--------------------|--|---|--------------------------------|
| | 02/10/18 18:28 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/10/18 19:28 EST | | 0 | Source: Department of Highways |

Water was reported on route 1 south in Little Haven with lane restrictions.

NEW CASTLE COUNTY --- 1.0 NNW FIELDSBORO [39.43, -75.67], 1.4 ESE ODESSA [39.44, -75.65], 1.1 NE ODESSA [39.46, -75.65], 0.4 NNW ODESSA [39.46, -75.67]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/11/18 12:40 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 13:40 EST | | 0 | Source: Social Media |

Flooding at the route 13 to route 1 entrance of Roth bridge.

Periods of heavy rainfall developed along a slow moving frontal boundary. Rainfall across ranged from 2 to 4 inches with the highest amounts in the central parts of the state. Hazlettsville at 4.12 inches, Sandtown 3.62 inches, Magnolia 3.5 inches, Blackbird 3.75 inches, Greenwood 2.05 inches, Townsend 2.89 inches and Lincoln 2.03 inches.

DISTRICT OF COLUMBIA

(DC-Z001) DISTRICT OF COLUMBIA

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/04/18 09:00 EST | | 0 | Winter Weather |
| | 02/04/18 19:00 EST | | 0 | |

Weak low pressure tracked up the Mid-Atlantic Coast. A cold air mass in place caused precipitation with this low to fall in the form of snow and ice.

(DC-Z001) DISTRICT OF COLUMBIA

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/07/18 03:00 EST | | 0 | Winter Weather |
| | 02/07/18 09:00 EST | | 0 | |

Low pressure tracked up the Appalachians. Warm and moist air overran the colder air in place, resulting in precipitation. There was a cold layer near the surface that caused freezing rain.

(DC-Z001) DISTRICT OF COLUMBIA

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/24/18 00:52 EST | | 0 | Dense Fog |
| | 02/24/18 10:03 EST | | 0 | |

An unusually moist air mass and light winds led to areas of dense fog.

FLORIDA, Northwest

(FL-Z008) CENTRAL WALTON, (FL-Z009) HOLMES, (FL-Z010) WASHINGTON, (FL-Z011) JACKSON, (FL-Z012) INLAND BAY, (FL-Z013) CALHOUN, (FL-Z014) INLAND GULF, (FL-Z015) INLAND FRANKLIN, (FL-Z016) GADSDEN, (FL-Z017) LEON, (FL-Z018) INLAND JEFFERSON, (FL-Z026) LIBERTY, (FL-Z027) INLAND WAKULLA, (FL-Z107) NORTH WALTON, (FL-Z108) SOUTH WALTON, (FL-Z112) COASTAL BAY, (FL-Z114) COASTAL GULF, (FL-Z115) COASTAL FRANKLIN, (FL-Z118) COASTAL JEFFERSON, (FL-Z127) COASTAL WAKULLA

| | | |
|--------------------|---|---------|
| 02/01/18 00:00 EST | 0 | Drought |
| 02/13/18 00:00 EST | 0 | |

Heavy rain ended the D2 drought across the Florida panhandle and big bend by 2/13/18.

HOLMES COUNTY --- 2.8 SSE GRITNEY [30.79, -85.81], 5.2 E GRITNEY [30.83, -85.74]

| | | |
|--------------------|-------|---------------------------------------|
| 02/11/18 02:53 CST | 0.25M | Tornado (EF1, L: 4.78 mi , W: 100 yd) |
| 02/11/18 03:02 CST | 1 | Source: NWS Storm Survey |

A tornado touched down in Holmes county and tracked through the south central part of the county north of Caryville and northwest of Bonifay. Two barns were destroyed and one brick carport that was attached to a house was destroyed. The roof of this house was mostly gone. There was one minor injury. The tornado was rated EF1 with peak winds estimated at 110 mph. Damage cost was estimated.

WASHINGTON COUNTY --- CARYVILLE [30.77, -85.81]

| | | |
|--------------------|-----|------------------------------|
| 02/11/18 02:53 CST | 25K | Thunderstorm Wind (EG 50 kt) |
| 02/11/18 02:53 CST | 0 | Source: Social Media |

A tree fell on a house in Caryville. Reported via Facebook. Damage cost was estimated.

JACKSON COUNTY --- 0.4 W GRACEVILLE [30.95, -85.52], 2.2 NNW ELLAVILLE [31.00, -85.39]

| | | |
|--------------------|-----|--------------------------------------|
| 02/11/18 03:28 CST | 25K | Tornado (EF0, L: 8.40 mi , W: 25 yd) |
| 02/11/18 03:42 CST | 0 | Source: NWS Storm Survey |

A tornado touched down in northwest Jackson county and briefly moved into far southern Houston county. Structural damage was minimal with minor roof damage in Graceville. Trees were also blown down along the track with a dual-pol tornadic debris signature observed on radar in far southern Houston county. This tornado was rated EF0 with max winds estimated at 65 mph based on the observed damage. Damage cost was estimated.

WALTON COUNTY --- 3.0 WNW EUCHEEANNA [30.65, -86.09], 3.1 W EUCHEEANNA [30.64, -86.09], 3.8 N ROCK HILL [30.65, -86.11], 4.2 W EUCHEEANNA [30.65, -86.11]

| | | |
|--------------------|---|---------------------------------|
| 02/11/18 09:27 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/11/18 10:45 CST | 0 | Source: Law Enforcement |

West Indian Creek Ranch Road was closed due to flooding from a persistent band of heavy rainfall. Storm total rainfall over 11 inches was measured in Walton county with several inches falling in a few hours in this area.

WALTON COUNTY --- 1.4 WNW KNOX HILL [30.64, -85.97], 1.4 WNW KNOX HILL [30.65, -85.97], 1.8 SSW DOUGLAS CROSSROADS [30.66, -85.98], 2.1 SW DOUGLAS CROSSROADS [30.66, -85.99], 2.5 WNW KNOX HILL [30.65, -85.99]

| | | |
|--------------------|---|---------------------------|
| 02/11/18 09:45 CST | 0 | Flood (due to Heavy Rain) |
| 02/12/18 04:00 CST | 0 | Source: Law Enforcement |

Crooked Creek Road was closed due to flooding from a long duration of moderate to occasionally heavy rainfall. This road intersects with a small creek.

WALTON COUNTY --- 4.4 ESE BUNKER [30.36, -86.01], 4.5 ESE BUNKER [30.35, -86.01], 5.1 ESE BUNKER [30.35, -86.00], 5.0 ESE BUNKER [30.36, -86.00]

| | | |
|--------------------|---|---------------------------|
| 02/11/18 15:10 CST | 0 | Flood (due to Heavy Rain) |
| 02/12/18 04:00 CST | 0 | Source: Emergency Manager |

Water covered the roadway at Bunker and Steel Field Roads and resulted in road closure. A small creek intersects this area and likely overflowed from a long duration of moderate to occasionally heavy rain.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------|
| WASHINGTON COUNTY --- 1.3 E WAUSAU [30.63, -85.56], 1.4 E WAUSAU [30.63, -85.56], 1.1 ESE WAUSAU [30.63, -85.56], 1.1 E WAUSAU [30.63, -85.56] | | | | |
| | 02/11/18 15:17 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 04:00 CST | | 0 | Source: Emergency Manager |
| Water over Ledger Road caused a road closure from Pioneer Road to Olie Road. This was due to a long duration of moderate to occasionally heavy rain. | | | | |
| WASHINGTON COUNTY --- 1.2 E WAUSAU [30.63, -85.56], 0.7 E WAUSAU [30.63, -85.57], 0.9 ESE WAUSAU [30.62, -85.57], 1.3 ESE WAUSAU [30.63, -85.56] | | | | |
| | 02/11/18 15:19 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 04:00 CST | | 0 | Source: Emergency Manager |
| Water over Olie Road caused a road closure from Deltona Road to Ledger Road. This was due to a long duration of moderate to occasionally heavy rain. | | | | |
| WASHINGTON COUNTY --- 2.4 W VERNON [30.62, -85.75], 2.7 WNW VERNON [30.64, -85.75], 3.5 WNW VERNON [30.64, -85.76], 2.7 W VERNON [30.62, -85.76] | | | | |
| | 02/11/18 15:20 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 04:00 CST | | 0 | Source: Emergency Manager |
| Water over portions of Cook Road caused a road closure from Creek Road to 2729 Cook Road. This was due to a long period of moderate to occasionally heavy rain. | | | | |
| WASHINGTON COUNTY --- 2.6 SSE VERNON [30.58, -85.70], 2.4 SSE VERNON [30.59, -85.70], 2.0 ENE HOLMES VALLEY [30.58, -85.71], 2.2 E HOLMES VALLEY [30.58, -85.70] | | | | |
| | 02/11/18 15:22 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 04:00 CST | | 0 | Source: Emergency Manager |
| Water over Andara Road caused a road closure between Ebenezer Road and Holmes Valley Road. This was caused by a long duration of moderate to occasionally heavy rain. | | | | |
| WASHINGTON COUNTY --- 0.6 W VERNON [30.62, -85.72], 0.8 SSW VERNON [30.61, -85.72], 0.7 SSW VERNON [30.61, -85.71], 0.3 W VERNON [30.62, -85.71] | | | | |
| | 02/11/18 15:25 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 04:00 CST | | 0 | Source: Emergency Manager |
| Water over the road at Dawkins Street caused a road closure from Sapp Road to Highway 79. This was caused by a long duration of moderate to occasionally heavy rain. | | | | |
| WALTON COUNTY --- 2.5 SW EUCHEEANNA [30.62, -86.07], 1.9 SSW EUCHEEANNA [30.62, -86.06], 0.1 WNW EUCHEEANNA [30.64, -86.04], 1.0 WNW EUCHEEANNA [30.64, -86.06] | | | | |
| | 02/11/18 15:55 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 04:00 CST | | 0 | Source: Emergency Manager |
| Water over the roadway at Red Hill Road resulted in the road being closed. This was caused by a long duration of moderate to occasionally heavy rain. | | | | |
| WALTON COUNTY --- 3.1 N ROCK HILL [30.63, -86.11], 3.3 N ROCK HILL [30.64, -86.11], 3.1 W EUCHEEANNA [30.64, -86.09], 2.0 SW EUCHEEANNA [30.62, -86.06], 2.3 SW EUCHEEANNA [30.62, -86.07] | | | | |
| | 02/11/18 15:57 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 04:00 CST | | 0 | Source: Emergency Manager |
| Water over Sherwood Road resulted in a road closure. This was caused by a long duration of moderate to occasionally heavy rain. | | | | |
| WALTON COUNTY --- 2.5 WSW KNOX HILL [30.63, -85.99], 2.9 WSW KNOX HILL [30.62, -85.99], 2.9 SW KNOX HILL [30.62, -85.99], 2.6 SW KNOX HILL [30.61, -85.98], 2.2 WSW KNOX HILL [30.63, -85.99] | | | | |
| | 02/11/18 16:12 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 04:00 CST | | 0 | Source: Emergency Manager |
| Water over the road at White Creek Road resulted in a road closure. This road intersects with a small creek. This was caused by a long duration of moderate to occasionally heavy rain. | | | | |
| HOLMES COUNTY --- 2.5 WSW NOMA [30.88, -85.66], 2.5 WSW NOMA [30.88, -85.66], 2.8 WSW NOMA [30.88, -85.67], 2.6 WSW NOMA [30.88, -85.66] | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/11/18 16:45 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 04:00 CST | | 0 | Source: Emergency Manager |

Water was reported over the roadway at Highway 79 South of Wayside Park. This was caused by a long duration of moderate to occasionally heavy rain.

HOLMES COUNTY --- 2.7 N BARKER STORE [30.95, -85.92], 1.8 W NEW HOPE [30.95, -85.90], 2.1 WNW NEW HOPE [30.96, -85.90], 2.4 SE SWEET GUM HEAD [30.96, -85.92]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/11/18 16:47 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 04:00 CST | | 0 | Source: Emergency Manager |

Water was reported over the roadway along Highway 2 east of Highway 163. This was caused by a long duration of moderate to occasionally heavy rain.

HOLMES COUNTY --- 2.5 WSW BARKER STORE [30.90, -85.95], 0.9 WSW BARKER STORE [30.91, -85.92], 0.8 W BARKER STORE [30.91, -85.92], 2.0 W BARKER STORE [30.91, -85.94], 2.7 W BARKER STORE [30.90, -85.95]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/11/18 16:49 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 04:00 CST | | 0 | Source: Emergency Manager |

Water was reported over the roadway along Brackin Road. A small creek intersects with this road. This was caused by a long duration of moderate to occasionally heavy rain.

HOLMES COUNTY --- 1.9 NE LEONIA [30.93, -85.98], 1.5 NNE LEONIA [30.93, -86.00], 0.7 N LEONIA [30.92, -86.01], 1.3 ENE LEONIA [30.92, -85.99]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/11/18 16:51 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 04:00 CST | | 0 | Source: Emergency Manager |

Highway 185 at Hurricane Creek had water over the roadway. This was caused by a long duration of moderate to occasionally heavy rain.

HOLMES COUNTY --- 0.4 W SWEET GUM HEAD [30.98, -85.96], 0.4 WNW SWEET GUM HEAD [30.98, -85.96], 0.7 WNW SWEET GUM HEAD [30.98, -85.96], 0.9 WNW SWEET GUM HEAD [30.98, -85.97]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/11/18 16:52 CST | | 3K | Flood (due to Heavy Rain) |
| | 02/12/18 04:00 CST | | 0 | Source: Emergency Manager |

A portion of the road washed out at Sheffield Lane and Highway 185. This was caused by a long duration of moderate to occasionally heavy rain.

For the first time since January 2017, an event including both flooding and tornadoes impacted our area starting on February 11, 2018. Two tornadoes touched down across inland portions of the Florida Panhandle before sunrise, followed by persistent heavy rainfall that resulted in flooding at several river sites. As an upper level trough dug southward across the western and central U.S., southerly flow drew moisture from the Gulf of Mexico northward into the tri-state area over the weekend. Upper air soundings measured this increased moisture with precipitable water values around 1.5 inches on Sunday, well above the 90th percentile and a record for the 12z February 11 sounding, although the record for that date and time are below the average max for this time of year. With a cold front and upper level trough west of the area, the persistent deep layer moisture helped to create a favorable set-up for high rainfall amounts. This wet pattern resulted in copious amounts of rainfall across the tri-state region. The highest rainfall amounts were across the Florida Panhandle where 8 to 10 inches fell with localized areas receiving more than 10 inches across coastal Walton and Bay counties. The highest observed rainfall total was in Walton County, where a 48-hour rainfall total of 11.45 inches was recorded. Across southeast Alabama and portions of southwest Georgia, widespread 6 to 8 inches of rain fell. While one Flash Flood Warning was issued, the majority of the impacts from this event were from moderate rainfall rates over a prolonged period of time as convection trained across the tri-state area. These high rainfall totals resulted in numerous road closures across the Florida Panhandle from water covered roads and washed out roadways. In addition, a few roads were closed across southeast Alabama.

FLORIDA, Southern

(FL-Z168) COASTAL PALM BEACH COUNTY

| | | | | |
|--|--------------------|---|---|-------------|
| | 02/25/18 17:04 EST | | 0 | Rip Current |
| | 02/25/18 17:04 EST | 1 | 0 | |

A teenager swimming along the beach was pulled under by a rip current while swimming with family and friends and later rescued. Numerous rip currents and rescues were reported along other Atlantic beaches during the day.

FLORIDA, West Panhandle

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|------------------------------|
| OKALOOSA COUNTY --- 1.4 NNE DESTIN [30.40, -86.51] | | | | |
| | 02/04/18 06:30 CST | | 5K | Thunderstorm Wind (EG 52 kt) |
| | 02/04/18 06:32 CST | | 0 | Source: Law Enforcement |

Winds estimated at 60 mph downed a few trees and power lines. Also damage to a roof and fence along Stahlman Ave.

High winds from a thunderstorm caused minor damage near Destin.

| | | | | |
|---|--------------------|--|----|-------------------------|
| SANTA ROSA COUNTY --- PACE [30.60, -87.15] | | | | |
| | 02/07/18 11:00 CST | | 2K | Lightning |
| | 02/07/18 11:00 CST | | 0 | Source: 911 Call Center |

Lightning struck a home in Pace.

| | | | | |
|--|--------------------|--|----|-------------------------|
| SANTA ROSA COUNTY --- NAVARRE [30.40, -86.87] | | | | |
| | 02/07/18 12:00 CST | | 2K | Lightning |
| | 02/07/18 12:00 CST | | 0 | Source: 911 Call Center |

Lightning struck a residential building.

Thunderstorms produced lightning which damaged houses in northwest Florida.

GEORGIA, North and Central

| | | | | |
|---|--------------------|--|---|----------------|
| (GA-Z015) LUMPKIN, (GA-Z016) WHITE, (GA-Z023) HALL, (GA-Z025) JACKSON, (GA-Z027) MADISON, (GA-Z034) GWINNETT | | | | |
| | 02/04/18 04:00 EST | | 0 | Winter Weather |
| | 02/04/18 10:00 EST | | 0 | |

An area of low pressure that developed along an old frontal boundary across the northern Gulf of Mexico spread light rain across Georgia during the early morning hours. Cold, dry air in place across northeast Georgia led to a period of light freezing rain.

| | | | | |
|--|--------------------|--|-----|---------------------------------------|
| HARALSON COUNTY --- 0.5 WSW BREMEN [33.72, -85.16], 0.7 NE BREMEN [33.73, -85.14] | | | | |
| | 02/07/18 07:43 EST | | 50K | Tornado (EF0, L: 1.25 mi , W: 250 yd) |
| | 02/07/18 07:45 EST | | 0 | Source: NWS Storm Survey |

A National Weather Service survey team found that an EF0 tornado with maximum wind speeds of 85 MPH and a maximum path width of 250 yards touched down on the west side of Bremen north of Tallapoosa Street between Ayers Street and Sewell Road. The tornado then moved northeast paralleling Tallapoosa Street. On Kaiser Street, multiple large trees were snapped near their base or uprooted, including one that fell onto a duplex causing substantial damage to the roof, walls, a carport and two nearby vehicles. The tornado continued northeast, snapping and uprooting several more trees between Church Street and Gordon Street. The tornado dissipated around the intersection of Pine Street and the Bryan Street Bypass. [02/07/18: Tornado #1, County #1/1, EF-0, Haralson, 2018:001].

| | | | | |
|--|--------------------|--|-----|------------------------------|
| HEARD COUNTY --- 3.0 ENE ROOSTERVILLE [33.42, -85.13] | | | | |
| | 02/07/18 08:58 EST | | 10K | Thunderstorm Wind (EG 50 kt) |
| | 02/07/18 09:08 EST | | 0 | Source: Emergency Manager |

The Heard County Emergency Manager reported multiple trees blown down along Huff Road.

| | | | | |
|--|--------------------|--|-----|---------------------------------------|
| HEARD COUNTY --- 1.2 ESE O NEALS XRDS [33.19, -85.20], 1.1 ENE AUBREY [33.21, -85.11] | | | | |
| | 02/07/18 09:03 EST | | 25K | Tornado (EF1, L: 5.29 mi , W: 250 yd) |
| | 02/07/18 09:08 EST | | 0 | Source: NWS Storm Survey |

A National Weather Service survey team found that an EF1 tornado with maximum wind speeds of 95 MPH and a maximum path width of 250 yards touched down along Butler Road in southwest Heard County just east of Whitewater Creek. The tornado moved east northeast, crossing Victory Road uprooting and snapping around a dozen trees. The tornado then continued east northeast crossing just north of the intersection of Highway 219 and Victory Road. On Boggus Road just north of Noles Road, dozens of trees were snapped or uprooted. The highest wind speeds for this tornado were estimated here at 95 mph. The tornado then moved eastward before ending just north of the intersection of Bevis Road and Brush Creek Road. [02/07/18: Tornado #2, County #1/1, EF-1, Heard, 2018:002].

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|------------------------------|
| HARRIS COUNTY --- 0.5 SE WHITESVILLE [32.81, -85.03] | | | | |
| | 02/07/18 10:15 EST | | 1K | Thunderstorm Wind (EG 45 kt) |
| | 02/07/18 10:25 EST | | 0 | Source: Emergency Manager |

The Harris County Emergency Manager reported a tree blown down at the intersection of Highway 219 and Hopewell Church Road.

| | | | | |
|--|--------------------|--|----|--------------------------------|
| NEWTON COUNTY --- ALMON [33.62, -83.93] | | | | |
| | 02/07/18 10:15 EST | | 1K | Thunderstorm Wind (EG 45 kt) |
| | 02/07/18 10:20 EST | | 0 | Source: Department of Highways |

The Georgia Department of Transportation reported a large tree blown down onto Interstate Highway 20 west of Covington blocking all lanes on one side of the highway.

| | | | | |
|---|--------------------|--|-----|---------------------------------------|
| TALBOT COUNTY --- 2.0 E BROWNSAND [32.60, -84.52], 0.9 E JUNCTION CITY [32.60, -84.45] | | | | |
| | 02/07/18 11:10 EST | | 35K | Tornado (EF0, L: 3.70 mi , W: 200 yd) |
| | 02/07/18 11:14 EST | | 0 | Source: NWS Storm Survey |

A National Weather Service survey team found that an EF0 tornado with maximum wind speeds of 85 MPH and a maximum path width of 200 yards touched down west of Junction City near the intersection of Carlyle Road and South Taylor Road where a few small softwood trees were snapped or uprooted. The tornado moved east northeast snapping or uprooting about 15 to 20 small softwood trees just west of the intersection of Highway 96 and Highway 90. As the tornado entered Junction City, some siding was removed from a small pole barn on Rock Church Road, and additional small trees were snapped. The tornado then turned southeast and moved across Junction City snapping 15 to 20 more trees along Broadwood Circle before ending. [02/07/18: Tornado #3, County #1/1, EF-0, Talbot, 2018:003].

| | | | | |
|---|--------------------|--|-----|------------------------------|
| DODGE COUNTY --- 1.6 SSW ROWLAND [32.41, -83.18] | | | | |
| | 02/07/18 13:02 EST | | 12K | Thunderstorm Wind (EG 50 kt) |
| | 02/07/18 13:15 EST | | 0 | Source: Trained Spotter |

A trained spotter reported multiple trees and power lines blown down in the 1500 block of the Chester-Cochran Highway.

A line of thunderstorms ahead of a strong cold front swept through north and central Georgia during the morning into the early afternoon. Despite only marginal instability, strong low and mid-level shear resulted in isolated reports of thunderstorm wind damage and a few brief tornadoes.

| | | | | |
|---|--------------------|--|----|------------------------------|
| SUMTER COUNTY --- 3.8 SSW CROXTON CROSSROADS [31.90, -84.34] | | | | |
| | 02/25/18 13:15 EST | | 5K | Thunderstorm Wind (EG 45 kt) |
| | 02/25/18 13:20 EST | | 0 | Source: Emergency Manager |

The Sumter County Emergency Manager reported a carport lifted and tossed by the winds associated with a line of thunderstorms at a residence on Boo Cosby Road.

A weakening line of showers and a few thunderstorms ahead of a cold front sweeping southeast through central Georgia managed to produce winds strong enough to damage a carport in extreme southwestern Sumter County.

GEORGIA, Southwest

| | | | | |
|--|--------------------|--|---|---------|
| (GA-Z127) WORTH, (GA-Z128) TURNER, (GA-Z129) TIFT, (GA-Z130) BEN HILL, (GA-Z131) IRWIN, (GA-Z143) MILLER, (GA-Z144) BAKER, (GA-Z145) MITCHELL, (GA-Z146) COLQUITT, (GA-Z155) SEMINOLE | | | | |
| | 02/01/18 00:00 EST | | 0 | Drought |
| | 02/06/18 00:00 EST | | 0 | |

Heavy rain ended the D2 drought for a large chunk of southwest Georgia by 2/6/18.

| | | | | |
|---|--------------------|--|---|---------|
| (GA-Z120) QUITMAN, (GA-Z121) CLAY, (GA-Z122) RANDOLPH, (GA-Z123) CALHOUN, (GA-Z124) TERRELL, (GA-Z125) DOUGHERTY, (GA-Z126) LEE, (GA-Z142) EARLY | | | | |
| | 02/01/18 00:00 EST | | 0 | Drought |
| | 02/13/18 00:00 EST | | 0 | |

Heavy rain ended the D2 drought for the remainder of southwest Georgia by 2/13/18.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|------------------------------|
| DOUGHERTY COUNTY --- 1.3 SE SOUTH ALBANY [31.55, -84.16] | | | | |
| | 02/07/18 13:55 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 02/07/18 13:55 EST | | 0 | Source: 911 Call Center |

Telephone or cable lines were blown down near Wells Ave and MLK Jr Dr.

Isolated to scattered thunderstorms occurred across southwestern Georgia on February 7th ahead of a cold front. One isolated storm briefly became marginally severe.

GULF OF MEXICO

| | | | | |
|---|--------------------|--|---|-------------------------------------|
| PENSACOLA BAY AREA INCLUDING SANTA ROSA SOUND COUNTY --- PENSACOLA BAY [30.38, -87.22] | | | | |
| | 02/07/18 11:25 CST | | 0 | Marine Thunderstorm Wind (EG 43 kt) |
| | 02/07/18 11:27 CST | | 0 | Source: ASOS |

Wind gust of 49 mph recorded at Pensacola Regional Airport within one mile of the coast.

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| PENSACOLA BAY AREA INCLUDING SANTA ROSA SOUND COUNTY --- 3.4 E EAST BAY [30.45, -86.95] | | | | |
| | 02/07/18 12:08 CST | | 0 | Marine Thunderstorm Wind (MG 56 kt) |
| | 02/07/18 12:10 CST | | 0 | Source: ASOS |

Wind gust of 65 mph recorded at Mossy Cove weatherflow site.

| | | | | |
|---|--------------------|--|---|-------------------------------------|
| COASTAL WATERS FROM DESTIN FL TO PENSACOLA FL OUT 20 NM COUNTY --- OKALOOSA PIER [30.39, -86.59] | | | | |
| | 02/07/18 13:05 CST | | 0 | Marine Thunderstorm Wind (MG 38 kt) |
| | 02/07/18 13:07 CST | | 0 | Source: ASOS |

Wind gust of 44 mph recorded at Okaloosa Island fishing pier weatherflow site.

Thunderstorms developed over the marine area and produced high winds.

| | | | | |
|---|--------------------|---|---|-------------------------------|
| LAGUNA MADRE FROM PORT OF BROWNSVILLE TO ARROYO COLORADO COUNTY --- 1.1 SW PORT ISABEL [26.06, -97.21] | | | | |
| | 02/24/18 15:30 CST | 1 | 0 | Marine Strong Wind (MG 30 kt) |
| | 02/24/18 17:00 CST | | 0 | Source: Coast Guard |

A 38-year-old woman drowned while operating a salvage tug boat which capsized in the Port Isabel Turning Basin on February 24, 2018. Weather conditions were likely a factor, but an investigation is still pending by the United States Coast Guard station on South Padre Island, TX. Sustained winds at the nearby Port Isabel C-MAN station were consistently around 20 to near 23 knots, peaking at 22.74 knots at 336 PM CST, with a peak gust of 29.55 knots at 348 PM CST. Choppy to rough waves were likely a contributing factor.

Direct Fatalities: F38BO

The combination of high pressure over the Gulf of Mexico with relatively strong low pressure in the lee of the Sierra Madre Mountains, along with a low level jet of just below 50 knots between 3 and 6 thousand feet created choppy to rough waters over Laguna Madre for much of February 24th. The wind and wave action contributed to a professional tug boat capsize and resultant death in the Port Isabel Turning Basin that afternoon.

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| MISSISSIPPI SOUND COUNTY --- SHIP ISLAND PASS STATION (SIPM6) [30.27, -89.02] | | | | |
| | 02/25/18 09:24 CST | | 0 | Marine Thunderstorm Wind (MG 35 kt) |
| | 02/25/18 09:24 CST | | 0 | Source: Mesonet |

The WeatherFlow station at Ship Island reported a 40 mph wind in a thunderstorm.

| | | | | |
|---|--------------------|--|---|-------------------------------------|
| MISSISSIPPI SOUND COUNTY --- PETIS BOIS ISLAND STATION (PTBM6) [30.21, -88.50] | | | | |
| | 02/25/18 09:30 CST | | 0 | Marine Thunderstorm Wind (MG 35 kt) |
| | 02/25/18 09:30 CST | | 0 | Source: C-MAN Station |

The C-MAN station at Petit Bois Island reported a 40 mph wind gust in a thunderstorm.

| | | | | |
|---|--|--|--|--|
| LAKE BORGNE COUNTY --- SHELL BEACH STATION (SHBL1) [29.87, -89.67] | | | | |
|---|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|-------------------------------------|
| | 02/25/18 10:00 CST | | 0 | Marine Thunderstorm Wind (MG 36 kt) |
| | 02/25/18 10:00 CST | | 0 | Source: C-MAN Station |

The C-MAN station at Shell Beach reported a 41 mph wind gust in a thunderstorm.

Thunderstorms in advance of a cold front moving toward the Gulf of Mexico produced several strong wind reports during the morning hours.

HAWAII

(HI-Z028) BIG ISLAND SUMMIT

| | | |
|--------------------|---|-----------------------|
| 02/01/18 11:59 HST | 0 | High Wind (MAX 65 kt) |
| 02/02/18 09:09 HST | 0 | |

Southwest winds strengthened above high wind criteria as an upper air trough moved near the islands. No significant property damage or injuries were reported.

KAUAI COUNTY --- 0.5 E POKII [21.98, -159.71], 3.6 NNW ANAHOLA [22.16, -159.33]

| | | |
|--------------------|---|-----------------------------------|
| 02/01/18 18:15 HST | 0 | Heavy Rain |
| 02/01/18 20:40 HST | 0 | Source: Official NWS Observations |

HONOLULU COUNTY --- 0.8 SE WAIANAE [21.44, -158.17], 1.5 ENE MAUNAWILI [21.37, -157.75]

| | | |
|--------------------|---|-----------------------------------|
| 02/02/18 01:17 HST | 0 | Heavy Rain |
| 02/02/18 03:27 HST | 0 | Source: Official NWS Observations |

KAUAI COUNTY --- 1.1 N WAIMEA KAUAI [21.99, -159.68], 2.2 W ANAHOLA [22.11, -159.33]

| | | |
|--------------------|---|-----------------------------------|
| 02/02/18 08:03 HST | 0 | Heavy Rain |
| 02/02/18 13:43 HST | 0 | Source: Official NWS Observations |

HONOLULU COUNTY --- 0.7 SE KAAAWA [21.54, -157.86], 0.4 NE WAIANAE [21.45, -158.18]

| | | |
|--------------------|---|-----------------------------------|
| 02/02/18 19:59 HST | 0 | Heavy Rain |
| 02/02/18 21:13 HST | 0 | Source: Official NWS Observations |

KAUAI COUNTY --- 0.5 NW WAIMEA KAUAI [21.97, -159.69], 4.7 WNW ANAHOLA [22.16, -159.36]

| | | |
|--------------------|---|-----------------------------------|
| 02/04/18 05:22 HST | 0 | Heavy Rain |
| 02/04/18 09:42 HST | 0 | Source: Official NWS Observations |

KAUAI COUNTY --- 0.7 SSW PRINCEVILLE [22.21, -159.48], 0.8 S PRINCEVILLE [22.21, -159.48], 0.7 SSE PRINCEVILLE [22.21, -159.48], 0.6 S PRINCEVILLE [22.21, -159.48]

| | | |
|--------------------|---|---------------------------------|
| 02/04/18 17:15 HST | 0 | Flash Flood (due to Heavy Rain) |
| 02/04/18 20:07 HST | 0 | Source: Emergency Manager |

Heavy rain caused the Hanalei River to overflow and spill onto Kuhio Highway near the Hanalei Bridge over the northern part of Kauai.

HONOLULU COUNTY --- 0.8 SSE WAIALUA [21.57, -158.13], 1.6 NNE WAIALAE IKI [21.32, -157.76]

| | | |
|--------------------|---|-----------------------------------|
| 02/04/18 19:26 HST | 0 | Heavy Rain |
| 02/04/18 22:16 HST | 0 | Source: Official NWS Observations |

MAUI COUNTY --- 1.3 S HALAWA VALLEY [21.15, -156.75], 2.3 SSE PAPOHAKU BEACH PARK [21.14, -157.25]

| | | |
|--------------------|---|-----------------------------------|
| 02/05/18 00:17 HST | 0 | Heavy Rain |
| 02/05/18 03:05 HST | 0 | Source: Official NWS Observations |

MAUI COUNTY --- 6.7 WSW SHIPWRECK BEACH [20.90, -157.02], 2.8 NE MANELE HARBOR [20.78, -156.85]

| | | |
|--------------------|---|-----------------------------------|
| 02/05/18 01:05 HST | 0 | Heavy Rain |
| 02/05/18 03:49 HST | 0 | Source: Official NWS Observations |

MAUI COUNTY --- 2.5 ENE PUUKOLII [20.95, -156.65], 1.5 N KOALI [20.70, -156.03]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|-----------------------------------|
| | 02/05/18 02:20 HST | | 0 | Heavy Rain |
| | 02/05/18 06:43 HST | | 0 | Source: Official NWS Observations |
| <hr/> | | | | |
| HONOLULU COUNTY --- 1.1 NW NIU VALLEY [21.31, -157.74], 2.4 SSE HALEIWA [21.55, -158.11] | | | | |
| | 02/05/18 06:55 HST | | 0 | Heavy Rain |
| | 02/05/18 09:38 HST | | 0 | Source: Official NWS Observations |
| <hr/> | | | | |
| HONOLULU COUNTY --- 3.1 NNE MAKAHA VALLEY [21.52, -158.17], 2.1 NNE WAIALAE IKI [21.33, -157.76] | | | | |
| | 02/05/18 13:30 HST | | 0 | Heavy Rain |
| | 02/05/18 16:09 HST | | 0 | Source: Official NWS Observations |
| <hr/> | | | | |
| MAUI COUNTY --- 1.0 NNE MAKENA [20.68, -156.42], 1.6 ESE NAPILI [20.97, -156.65] | | | | |
| | 02/05/18 13:33 HST | | 0 | Heavy Rain |
| | 02/05/18 16:10 HST | | 0 | Source: Official NWS Observations |
| <hr/> | | | | |
| HAWAII COUNTY --- 2.2 N KAILUA KONA [19.66, -155.98], 3.8 NNW KEAAU [19.67, -155.05] | | | | |
| | 02/05/18 15:11 HST | | 0 | Heavy Rain |
| | 02/05/18 18:39 HST | | 0 | Source: Official NWS Observations |
| <hr/> | | | | |
| MAUI COUNTY --- 1.8 W MAUNALOA [21.13, -157.25], 0.9 S HALAWA VALLEY [21.16, -156.75] | | | | |
| | 02/05/18 15:21 HST | | 0 | Heavy Rain |
| | 02/05/18 20:08 HST | | 0 | Source: Official NWS Observations |
| <hr/> | | | | |
| MAUI COUNTY --- 6.3 WSW SHIPWRECK BEACH [20.90, -157.01], 2.2 NE MANELE HARBOR [20.77, -156.86] | | | | |
| | 02/05/18 17:21 HST | | 0 | Heavy Rain |
| | 02/05/18 20:07 HST | | 0 | Source: Official NWS Observations |
| <hr/> | | | | |
| MAUI COUNTY --- 1.6 SE HONOKOWAI [20.95, -156.66], 1.5 W KOALI [20.68, -156.05] | | | | |
| | 02/05/18 18:03 HST | | 0 | Heavy Rain |
| | 02/05/18 23:40 HST | | 0 | Source: Official NWS Observations |
| <hr/> | | | | |
| KAUAI COUNTY --- 1.8 SSE MAKOLE [22.10, -159.72], 2.7 NW ANAHOLA [22.15, -159.33] | | | | |
| | 02/05/18 21:12 HST | | 0 | Heavy Rain |
| | 02/06/18 04:45 HST | | 0 | Source: Official NWS Observations |
| <hr/> | | | | |
| HAWAII COUNTY --- 1.4 SSW KUKUIHAELE [20.10, -155.58], 4.0 NNE KEALAKEKUA [19.58, -155.90] | | | | |
| | 02/05/18 22:11 HST | | 0 | Heavy Rain |
| | 02/06/18 01:09 HST | | 0 | Source: Official NWS Observations |
| <hr/> | | | | |
| HONOLULU COUNTY --- 1.5 NE WAIALAE IKI [21.32, -157.76], 1.7 SSE HAWAII KAI [21.28, -157.69] | | | | |
| | 02/05/18 22:39 HST | | 0 | Heavy Rain |
| | 02/06/18 04:00 HST | | 0 | Source: Official NWS Observations |
| <hr/> | | | | |
| MAUI COUNTY --- 0.6 NNE PUUNENE [20.88, -156.47], 1.7 NNW HAMOA [20.74, -155.99] | | | | |
| | 02/06/18 14:00 HST | | 0 | Heavy Rain |
| | 02/06/18 17:25 HST | | 0 | Source: Official NWS Observations |
| <hr/> | | | | |
| KAUAI COUNTY --- 2.1 W HANAIEI [22.20, -159.53], 2.0 SSW PUHI [21.94, -159.41] | | | | |
| | 02/06/18 14:57 HST | | 0 | Heavy Rain |
| | 02/06/18 15:57 HST | | 0 | Source: Official NWS Observations |
| <hr/> | | | | |
| HONOLULU COUNTY --- 0.7 SW WAIALUA [21.57, -158.14], 1.0 SSE KANEHOHE STATION [21.44, -157.74] | | | | |
| | 02/06/18 16:29 HST | | 0 | Heavy Rain |
| | 02/06/18 18:46 HST | | 0 | Source: Official NWS Observations |

With a front and upper air trough in the area and low level moisture around the state, heavy showers and thunderstorms occurred from Kauai to the Big Island of Hawaii. The precipitation produced small stream and drainage ditch flooding and ponding on roadways in most cases. There was also a flash flood that affected northern sections of Kauai on the 4th, plus a report from Maui in the afternoon of the

Storm Data and Unusual Weather Phenomena - February 2018

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

5th indicated small hail had dropped from a thunderstorm. No serious injuries or property damage were reported.

(HI-Z001) NIIHAU, (HI-Z002) KAUAI WINDWARD, (HI-Z003) KAUAI LEEWARD, (HI-Z006) WAIANAE COAST, (HI-Z007) OAHU NORTH SHORE, (HI-Z008) OAHU KOOLAU, (HI-Z012) MOLOKAI WINDWARD, (HI-Z013) MOLOKAI LEEWARD, (HI-Z017) MAUI WINDWARD WEST, (HI-Z019) MAUI CENTRAL VALLEY, (HI-Z020) WINDWARD HALEAKALA, (HI-Z023) KONA, (HI-Z026) KOHALA

| | | | | |
|--|--------------------|--|---|-----------|
| | 02/02/18 05:00 HST | | 0 | High Surf |
| | 02/05/18 11:00 HST | | 0 | |

A large swell from the northwest produced surf of 15 to 25 feet along the north- and west-facing shores of Niihau and Kauai, and along the north-facing shores of Oahu, Molokai, and Maui; 10 to 20 feet along the west-facing shores of Oahu and Molokai; and 6 to 10 feet along the west-facing shores of the Big Island of Hawaii. There were no reports of serious property damage or injuries.

(HI-Z028) BIG ISLAND SUMMIT

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 02/05/18 18:59 HST | | 0 | High Wind (MAX 78 kt) |
| | 02/10/18 10:48 HST | | 0 | |

Middle- to upper-air flow strengthened once again over Mauna Kea and Mauna Loa on the Big Island of Hawaii. No significant property damage or injuries were reported.

HONOLULU COUNTY --- 1.4 SSE SCHOFIELD BARRACKS [21.48, -158.06], 1.0 W WAIMANALO BEACH [21.33, -157.72]

| | | | | |
|--|--------------------|--|---|-----------------------------------|
| | 02/07/18 13:24 HST | | 0 | Heavy Rain |
| | 02/07/18 16:22 HST | | 0 | Source: Official NWS Observations |

HAWAII COUNTY --- 2.2 NW KAMUELA [20.05, -155.70], 6.2 SE HONAUNAU NATIONAL PK [19.37, -155.85]

| | | | | |
|--|--------------------|--|---|-----------------------------------|
| | 02/07/18 14:37 HST | | 0 | Heavy Rain |
| | 02/07/18 17:07 HST | | 0 | Source: Official NWS Observations |

MAUI COUNTY --- 2.2 WNW MAUNALO A [21.14, -157.25], 0.4 W KALAWAO [21.18, -156.96]

| | | | | |
|--|--------------------|--|---|-----------------------------------|
| | 02/07/18 16:36 HST | | 0 | Heavy Rain |
| | 02/07/18 18:44 HST | | 0 | Source: Official NWS Observations |

A surface trough lingering over the islands, combined with cold air aloft and low level moisture, generated heavy showers over portions of the island chain. The rain produced ponding on roadways, and small stream and drainage ditch flooding. No serious injuries or property damage were reported.

(HI-Z023) KONA, (HI-Z026) KOHALA

| | | | | |
|--|--------------------|--|---|----------|
| | 02/10/18 18:30 HST | | 0 | Wildfire |
| | 02/12/18 20:00 HST | | 0 | |

A lightning strike was thought responsible for a blaze on the Big Island of Hawaii that scorched about 1000 acres of brush in the leeward part of the isle. The fire burned along Highway 190, Mamalahoa Highway, between Daniel K. Inouye Highway in South Kohala and Makalei in North Kona. The highway in that area was closed for more than 24 hours because of the fire. However, there were no reports of serious injuries or property damage.

(HI-Z001) NIIHAU, (HI-Z002) KAUAI WINDWARD, (HI-Z003) KAUAI LEEWARD, (HI-Z007) OAHU NORTH SHORE, (HI-Z008) OAHU KOOLAU, (HI-Z012) MOLOKAI WINDWARD, (HI-Z013) MOLOKAI LEEWARD, (HI-Z017) MAUI WINDWARD WEST, (HI-Z019) MAUI CENTRAL VALLEY, (HI-Z020) WINDWARD HALEAKALA

| | | | | |
|--|--------------------|--|---|-----------|
| | 02/12/18 06:00 HST | | 0 | High Surf |
| | 02/13/18 18:00 HST | | 0 | |

A moderate west-northwest swell generated surf of 10 to 15 feet along the north and west-facing shores of Niihau and Kauai, and along the north-facing shores of Oahu, Molokai, and Maui. There were no reports of serious property damage or injuries.

MAUI COUNTY --- 1.2 S KEANAE [20.85, -156.15], 0.4 N KAUPU [20.64, -156.12]

| | | | | |
|--|--------------------|--|---|-----------------------------------|
| | 02/12/18 20:17 HST | | 0 | Heavy Rain |
| | 02/13/18 02:06 HST | | 0 | Source: Official NWS Observations |

HONOLULU COUNTY --- 1.0 NW MILILANI TOWN [21.46, -158.03], 1.5 ENE WAIALAE IKI [21.31, -157.75]

| | | | | |
|--|--------------------|--|---|-----------------------------------|
| | 02/13/18 06:13 HST | | 0 | Heavy Rain |
| | 02/13/18 07:53 HST | | 0 | Source: Official NWS Observations |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|-----------------------------------|
| HONOLULU COUNTY --- 3.4 NE MAKAHA VALLEY [21.51, -158.16], 1.4 NNW NIU VALLEY [21.32, -157.74] | | | | |
| | 02/13/18 23:47 HST | 0 | | Heavy Rain |
| | 02/14/18 13:54 HST | 0 | | Source: Official NWS Observations |
| MAUI COUNTY --- 1.7 SE PAPOHAKU BEACH PARK [21.15, -157.25], 2.1 S HALAWA VALLEY [21.14, -156.75] | | | | |
| | 02/14/18 13:30 HST | 0 | | Heavy Rain |
| | 02/14/18 17:08 HST | 0 | | Source: Official NWS Observations |
| MAUI COUNTY --- 0.7 WNW WAIHEE [20.93, -156.53], 3.0 E PULEHU [20.78, -156.28] | | | | |
| | 02/14/18 19:53 HST | 0 | | Heavy Rain |
| | 02/14/18 22:04 HST | 0 | | Source: Official NWS Observations |
| <p>As an approaching front interacted with low-level moisture in the area, showers and isolated thunderstorms developed over parts of the island chain. The rainfall caused small stream and drainage ditch flooding, and ponding on roadways. No significant injuries or property damage were reported.</p> | | | | |
| MAUI COUNTY --- 2.4 SE HONOKAHUA [20.98, -156.62], 2.8 NW KIPAHULU [20.68, -156.09] | | | | |
| | 02/15/18 03:54 HST | 0 | | Heavy Rain |
| | 02/15/18 12:02 HST | 0 | | Source: Official NWS Observations |
| HAWAII COUNTY --- 2.9 S HAWI [20.19, -155.84], 8.1 ENE PAHALA [19.26, -155.37] | | | | |
| | 02/15/18 10:38 HST | 0 | | Heavy Rain |
| | 02/16/18 02:18 HST | 0 | | Source: Official NWS Observations |
| HAWAII COUNTY --- 2.0 W HILO [19.73, -155.10], 3.3 SSE VOLCANO [19.37, -155.22] | | | | |
| | 02/16/18 15:29 HST | 0 | | Heavy Rain |
| | 02/16/18 18:36 HST | 0 | | Source: Official NWS Observations |
| MAUI COUNTY --- 1.3 NW KOELE [20.85, -156.93], 0.8 SW MANELE HARBOR [20.74, -156.89] | | | | |
| | 02/17/18 18:41 HST | 0 | | Heavy Rain |
| | 02/17/18 19:50 HST | 0 | | Source: Official NWS Observations |
| HAWAII COUNTY --- 2.3 NE WAIKOLOA VILLAGE [19.95, -155.76], 0.9 NE KEALAKEKUA [19.54, -155.91] | | | | |
| | 02/17/18 18:58 HST | 0 | | Heavy Rain |
| | 02/17/18 20:08 HST | 0 | | Source: Official NWS Observations |
| HONOLULU COUNTY --- 2.0 ESE WAIKANE [21.49, -157.85], 2.1 ESE WAIKANE [21.49, -157.85], 2.0 ESE WAIKANE [21.49, -157.85], 1.9 ESE WAIKANE [21.49, -157.85] | | | | |
| | 02/17/18 22:20 HST | 0 | | Flash Flood (due to Heavy Rain) |
| | 02/18/18 04:52 HST | 0 | | Source: Emergency Manager |
| <p>In windward Oahu, Kamehameha Highway near Waikane Stream, between Waikane Valley Road and Kualoa Ranch, was closed due to flooding.</p> | | | | |
| MAUI COUNTY --- 4.4 WNW MOLOKAI AIRPORT [21.17, -157.16], 0.9 N WAILAU-MOLOKAI [21.11, -156.77] | | | | |
| | 02/18/18 11:47 HST | 0 | | Heavy Rain |
| | 02/18/18 14:35 HST | 0 | | Source: Official NWS Observations |
| HAWAII COUNTY --- 4.1 SSE HAWI [20.17, -155.81], 2.8 WSW PAHALA [19.19, -155.52] | | | | |
| | 02/18/18 12:26 HST | 0 | | Heavy Rain |
| | 02/18/18 16:25 HST | 0 | | Source: Official NWS Observations |
| MAUI COUNTY --- 2.4 NNW KOELE [20.86, -156.94], 0.5 ENE MANELE HARBOR [20.75, -156.87] | | | | |
| | 02/18/18 13:04 HST | 0 | | Heavy Rain |
| | 02/18/18 15:38 HST | 0 | | Source: Official NWS Observations |
| HONOLULU COUNTY --- 1.9 ESE WAIKANE [21.49, -157.85], 2.1 ESE WAIKANE [21.49, -157.85], 2.1 ESE WAIKANE [21.49, -157.85], 2.0 ESE WAIKANE [21.49, -157.85] | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------------|
| | 02/18/18 13:10 HST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/18/18 20:04 HST | | 0 | Source: Fire Department/Rescue |

In windward Oahu, heavy rain again closed Kamehameha Highway in the area along the Waikane and Waiahole streams. Also, firefighters responded to a man trapped in his vehicle by rising water near Kamehameha Highway and Wailehua Road. Another area of flooding occurred near the junction of Kalaniana'ole Highway and Kealahou Street near Sandy Beach in southeast Oahu around 1845 HST on the 18th.

MAUI COUNTY --- 1.0 NNE WAIHEE [20.94, -156.52], 1.0 NNE WAIHEE [20.94, -156.52], 1.0 NNE WAIHEE [20.94, -156.51], 1.1 NNE WAIHEE [20.94, -156.52]

| | | | |
|--------------------|--|---|---------------------------------|
| 02/18/18 14:17 HST | | 0 | Flash Flood (due to Heavy Rain) |
| 02/18/18 18:17 HST | | 0 | Source: County Official |

In West Maui, flooding waters covered portions of Kahekili Highway at the Waihee Valley Bridge. Also, portions of Iao Valley Road and Waiehu Beach Road were closed due to high water. The Fire Department, as well, reported that a young man had to be rescued from rising water at a home at 140 River Road.

KAUAI COUNTY --- 1.6 SSE KAPALUA HEIAU [22.06, -159.74], 1.3 N KAPAA [22.10, -159.32]

| | | | |
|--------------------|--|---|-----------------------------------|
| 02/18/18 15:01 HST | | 0 | Heavy Rain |
| 02/18/18 17:38 HST | | 0 | Source: Official NWS Observations |

HAWAII COUNTY --- 0.7 N HOLUALOA [19.63, -155.95]

| | | | |
|--------------------|---|---|------------------------------|
| 02/18/18 17:48 HST | 1 | 0 | Thunderstorm Wind (EG 50 kt) |
| 02/18/18 17:48 HST | | 0 | Source: Law Enforcement |

A shack-like structure was blown 150 feet off its foundation by the thunderstorm winds. Time of event estimated based on radar.

Direct Fatalities: M74OT

MAUI COUNTY --- 1.6 SE NAPILI [20.96, -156.65], 2.7 NNE KAUPU [20.67, -156.11]

| | | | |
|--------------------|--|---|-----------------------------------|
| 02/18/18 18:22 HST | | 0 | Heavy Rain |
| 02/18/18 23:03 HST | | 0 | Source: Official NWS Observations |

MAUI COUNTY --- 2.0 WNW MAUNALOA [21.14, -157.25], 2.3 S HALAWA VALLEY [21.14, -156.75]

| | | | |
|--------------------|--|---|-----------------------------------|
| 02/18/18 18:30 HST | | 0 | Heavy Rain |
| 02/18/18 20:57 HST | | 0 | Source: Official NWS Observations |

KAUAI COUNTY --- 4.4 NNW ANAHOLA [22.17, -159.34], 0.6 WSW ELEELE [21.92, -159.59]

| | | | |
|--------------------|--|---|-----------------------------------|
| 02/18/18 19:25 HST | | 0 | Heavy Rain |
| 02/18/18 20:30 HST | | 0 | Source: Official NWS Observations |

HAWAII COUNTY --- 0.1 W HONOKAA [20.08, -155.47], 0.1 WSW HONOKAA [20.08, -155.47], 0.1 WSW HONOKAA [20.08, -155.47], 0.1 W HONOKAA [20.08, -155.47]

| | | | |
|--------------------|---|---|---------------------------------|
| 02/18/18 20:16 HST | 1 | 0 | Flash Flood (due to Heavy Rain) |
| 02/19/18 00:49 HST | | 0 | Source: County Official |

Flooding rain damaged a store in the Hamakua District on the Big Island of Hawaii, in the town of Honokaa. Also, a man died in leeward Big Island in the later evening on the 18th. His was staying in a shack-like structure on a coffee farm in Holualoa when, apparently, strong and gusty winds from a thunderstorm blew the structure about 150 feet from its foundation; and he was killed.

Direct Fatalities: M74OU

HAWAII COUNTY --- 2.3 SSW OOKALA [19.99, -155.30], 4.3 WNW PAHOA [19.53, -155.02]

| | | | |
|--------------------|--|---|-----------------------------------|
| 02/19/18 14:49 HST | | 0 | Heavy Rain |
| 02/19/18 16:06 HST | | 0 | Source: Official NWS Observations |

With a weakening front over the islands and an upper low northwest of Kauai, heavy showers and thunderstorms developed over the state. Drenching rain led to periods of flash flooding over several isles, and gusty winds downed trees and power lines. The cost of any damages was not available.

A man on the Big Island of Hawaii perished, apparently from being tossed violently by gusty winds associated with a thunderstorm in the later evening on the 18th of February. No other fatalities or serious injuries were reported.

(HI-Z028) BIG ISLAND SUMMIT

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/15/18 10:48 HST | | 0 | High Wind (MAX 61 kt) |
| | 02/16/18 01:29 HST | | 0 | |

Southwest winds strengthened above high wind criteria over the summits of Mauna Kea and Mauna Loa on the Big Island. No serious property damage or injuries were reported.

(HI-Z028) BIG ISLAND SUMMIT

| | | |
|--------------------|---|-----------------------|
| 02/19/18 01:39 HST | 0 | High Wind (MAX 75 kt) |
| 02/21/18 08:59 HST | 0 | |

Southwest winds increased to above high wind criteria over the summits of Mauna Kea and Mauna Loa. There were no reports of serious injuries or property damage.

(HI-Z002) KAUAI WINDWARD, (HI-Z008) OAHU KOOLAU, (HI-Z009) OLOMANA, (HI-Z012) MOLOKAI WINDWARD, (HI-Z017) MAUI WINDWARD WEST, (HI-Z020) WINDWARD HALEAKALA, (HI-Z024) SOUTH BIG ISLAND, (HI-Z025) BIG ISLAND NORTH AND EAST

| | | |
|--------------------|---|-----------|
| 02/19/18 10:00 HST | 0 | High Surf |
| 02/23/18 12:00 HST | 0 | |

A series of moderate east swells produced surf of 6 to 10 feet along the east-facing shores of Kauai, Oahu, Molokai, Maui, and the Big Island of Hawaii. No significant injuries or property damage were reported.

MAUI COUNTY --- 0.8 WSW WAIANAPANAPA SP [20.78, -156.01], 1.7 N NUU [20.66, -156.18]

| | | |
|--------------------|---|-----------------------------------|
| 02/22/18 05:27 HST | 0 | Heavy Rain |
| 02/22/18 10:02 HST | 0 | Source: Official NWS Observations |

HAWAII COUNTY --- 5.5 SW NAALEHU [19.03, -155.64], 2.8 WSW PAPAIIKOU [19.77, -155.14]

| | | |
|--------------------|---|-----------------------------------|
| 02/22/18 07:25 HST | 0 | Heavy Rain |
| 02/22/18 13:15 HST | 0 | Source: Official NWS Observations |

KAUAI COUNTY --- 1.4 WNW HANAIEI [22.21, -159.52], 1.3 WNW HANAIEI [22.21, -159.52], 1.3 WNW HANAIEI [22.21, -159.52], 1.4 WNW HANAIEI [22.21, -159.52]

| | | |
|--------------------|---|---------------------------|
| 02/22/18 17:49 HST | 0 | Debris Flow |
| 02/22/18 17:49 HST | 0 | Source: Emergency Manager |

A debris flow occurred on the southbound lane of Kuhio Highway in northern Kauai between Waikoko Beach and Waipa Farmers Market.

KAUAI COUNTY --- 0.7 S PRINCEVILLE [22.21, -159.48], 0.8 S PRINCEVILLE [22.21, -159.48], 0.7 SSE PRINCEVILLE [22.21, -159.48], 0.7 SSE PRINCEVILLE [22.21, -159.48]

| | | |
|--------------------|---|---------------------------------|
| 02/22/18 19:04 HST | 0 | Flash Flood (due to Heavy Rain) |
| 02/23/18 01:17 HST | 0 | Source: Emergency Manager |

After a period of heavy rain, the Hanalei River overflowed its banks and flooded Kuhio Highway near the Hanalei Bridge in the northern part of Kauai.

(HI-Z028) BIG ISLAND SUMMIT

| | | |
|--------------------|---|------------|
| 02/23/18 01:00 HST | 0 | Heavy Snow |
| 02/23/18 09:51 HST | 0 | |

KAUAI COUNTY --- 2.7 WNW HANAIEI [22.21, -159.54], 2.7 WNW HANAIEI [22.21, -159.54], 2.7 WNW HANAIEI [22.21, -159.54], 2.7 WNW HANAIEI [22.21, -159.54]

| | | |
|--------------------|---|---------------------------|
| 02/23/18 06:00 HST | 0 | Debris Flow |
| 02/23/18 09:49 HST | 0 | Source: Emergency Manager |

A debris flow occurred near Wainiha in northern Kauai along Kuhio Highway. When county workers tried to clear the debris, a larger flow occurred which then closed both lanes of the highway.

(HI-Z025) BIG ISLAND NORTH AND EAST

| | | |
|--------------------|-----|-------------------------|
| 02/23/18 12:05 HST | 10K | Strong Wind (MAX 39 kt) |
| 02/23/18 12:05 HST | 0 | |

MAUI COUNTY --- 1.4 W HAMOA [20.72, -156.00], 3.0 W NUU [20.63, -156.23]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|-----------------------------------|
| | 02/24/18 13:12 HST | | 0 | Heavy Rain |
| | 02/24/18 15:19 HST | | 0 | Source: Official NWS Observations |

| KAUAI COUNTY --- 3.5 ESE KILAUEA [22.20, -159.35], 1.5 N KAAWANUI VILLAGE [21.97, -159.63] | | | | |
|--|--------------------|--|---|-----------------------------------|
| | 02/24/18 22:47 HST | | 0 | Heavy Rain |
| | 02/25/18 01:40 HST | | 0 | Source: Official NWS Observations |

| HONOLULU COUNTY --- 1.9 ESE WAIKANE [21.49, -157.85], 2.1 ESE WAIKANE [21.49, -157.85], 2.1 ESE WAIKANE [21.49, -157.85], 2.0 ESE WAIKANE [21.49, -157.85] | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/25/18 18:00 HST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/26/18 00:10 HST | | 0 | Source: Emergency Manager |

Kamehameha Highway was closed near Waikane as the Waikane and Waiahole streams overflowed after heavy rain in windward Oahu. Elsewhere on Oahu, Waiahole Valley Road and Kapaa Quarry Road were closed because of flooding conditions.

| HONOLULU COUNTY --- 0.4 WSW PUNALUU [21.60, -157.91], 0.2 N SAINT LOUIS HEIGHTS [21.30, -157.80] | | | | |
|--|--------------------|--|---|-----------------------------------|
| | 02/26/18 00:11 HST | | 0 | Heavy Rain |
| | 02/26/18 02:53 HST | | 0 | Source: Official NWS Observations |

| MAUI COUNTY --- 1.3 SSW HALAWA VALLEY [21.15, -156.76], 0.9 NNW MOLOKAI AIRPORT [21.16, -157.11] | | | | |
|--|--------------------|--|---|-----------------------------------|
| | 02/26/18 00:52 HST | | 0 | Heavy Rain |
| | 02/26/18 03:39 HST | | 0 | Source: Official NWS Observations |

| MAUI COUNTY --- 1.4 SSE HONOKOWAI [20.95, -156.67], 2.7 SSE MAKAWAO [20.81, -156.31] | | | | |
|--|--------------------|--|---|-----------------------------------|
| | 02/26/18 01:07 HST | | 0 | Heavy Rain |
| | 02/26/18 05:21 HST | | 0 | Source: Official NWS Observations |

With an upper trough west of the islands and a surface trough over the state, heavy showers, including thunderstorms, formed across the local area. Heavy snow also fell over the summits of Mauna Loa and Mauna Kea on the Big Island of Hawaii. The cost of any damages was not available. There were no reports of serious injuries.

| (HI-Z002) KAUAI WINDWARD, (HI-Z008) OAHU KOOLAU, (HI-Z009) OLOMANA, (HI-Z012) MOLOKAI WINDWARD, (HI-Z017) MAUI WINDWARD WEST, (HI-Z020) WINDWARD HALEAKALA, (HI-Z024) SOUTH BIG ISLAND, (HI-Z025) BIG ISLAND NORTH AND EAST | | | | |
|---|--------------------|--|---|-----------|
| | 02/23/18 15:00 HST | | 0 | High Surf |
| | 02/28/18 23:59 HST | | 0 | |

With a trade swell developing and ongoing moderate to large east swells moving through the area, surf on east-facing shores of Kauai, Oahu, Molokai, Maui, and the Big Island of Hawaii reached levels of 10 to 16 feet, with occasional higher sets. There were no reports of serious injuries or property damage.

HAWAII WATERS

| OAHU LEEWARD WATERS COUNTY --- 3.3 SW PEARL HARBOR ENTR [21.30, -158.01], 3.6 SW PEARL HARBOR ENTR [21.29, -158.01] | | | | |
|---|--------------------|--|---|----------------|
| | 02/05/18 14:33 HST | | 0 | Waterspout |
| | 02/05/18 14:33 HST | | 0 | Source: Public |

The waterspout was spotted south of Ewa Beach on Oahu.

| MAALAEA BAY COUNTY --- 2.6 SSE MAALAEA [20.77, -156.50], 3.2 SE MAALAEA [20.77, -156.49] | | | | |
|--|--------------------|--|---|----------------|
| | 02/05/18 15:05 HST | | 0 | Waterspout |
| | 02/05/18 15:05 HST | | 0 | Source: Public |

Two waterspouts were spotted west of Kihei on Maui in Maalaea Bay.

Members of the public reported waterspouts off Oahu and Maui. There were no reports of significant property damage or injuries.

IDAHO, North

Storm Data and Unusual Weather Phenomena - February 2018

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

CLEARWATER COUNTY --- 1.2 NNW GREER [46.40, -116.18]

| | | |
|--------------------|-------|-------------------------|
| 02/05/18 04:00 PST | 1.50M | Heavy Rain |
| 02/05/18 05:30 PST | 0 | Source: Broadcast Media |

Heavy rain lead to a fallen tree across U.S. Highway 12 near milepost 52 and subsequent car accident at 4:08 am on the 5th. One person was injured in the incident and the highway was blocked for one and a half hours.

Saturated soils caused by abundant rainfall during early February lead to a fallen tree and traffic accident on US Highway 12.

(ID-Z006) SOUTHERN CLEARWATER MOUNTAINS

| | | |
|--------------------|---|------------|
| 02/17/18 14:00 PST | 0 | Heavy Snow |
| 02/19/18 00:00 PST | 0 | |

Heavy snow fell across north-central Idaho the afternoon of the 17th ahead of a warm front, then continued on the 18th along an Arctic front.

(ID-Z007) OROFINO / GRANGEVILLE REGION

| | | |
|--------------------|---|--------------|
| 02/23/18 23:00 PST | 0 | Winter Storm |
| 02/25/18 20:30 PST | 0 | |

Two episodes of strong winds lead to blowing and drifting snow on the Camas Prairie including the town of Grangeville.

(ID-Z005) NORTHERN CLEARWATER MOUNTAINS, (ID-Z006) SOUTHERN CLEARWATER MOUNTAINS

| | | |
|--------------------|---|------------|
| 02/24/18 10:00 PST | 0 | Heavy Snow |
| 02/26/18 00:00 PST | 0 | |

Heavy upslope snow fell on the 24th into the 25th with some heavier snow banding late on the 25th.

IDAHO, Northwest

LATAH COUNTY --- 1.5 WSW KENNEDY FORD [46.91, -117.01], 2.3 SW KENNEDY FORD [46.89, -117.01], 1.8 ESE KENNEDY FORD [46.91, -116.94], 1.0 SSE POTLATCH [46.91, -116.87], 0.4 WNW ONAWAY [46.93, -116.88], 2.4 WNW POTLATCH [46.93, -116.93]

| | | |
|--------------------|-------|---------------------------------------|
| 02/04/18 20:45 PST | 0.50K | Flood (due to Heavy Rain / Snow Melt) |
| 02/05/18 22:30 PST | 0 | Source: River/Stream Gage |

The USGS Palouse River Gage at Potlach recorded a rise above the Flood Stage of 15.0 feet at 8:45 PM February 4th. The river crested at 15.9 feet at 10:45 AM February 5th and then receded below Flood Stage at 10:30 PM February 5th.

Heavy rain and mid elevation snow melt caused the Palouse river to flood on February 4th and February 5th. In the three day period leading up to the flooding a COOP weather station at Potlach recorded 1.16 inches of rain. The river extensively flooded a local road bed but no damage to structures was noted.

(ID-Z001) NORTHERN PANHANDLE, (ID-Z002) COEUR D'ALENE AREA, (ID-Z003) IDAHO PALOUSE, (ID-Z004) CENTRAL PANHANDLE MOUNTAINS

| | | |
|--------------------|---|------------|
| 02/13/18 21:00 PST | 0 | Heavy Snow |
| 02/14/18 13:00 PST | 0 | |

During the night of February 13th a surface low pressure moved through eastern Washington. North Idaho was under the cold side of this low pressure track and received widespread heavy snow during the day on February 14th.

(ID-Z001) NORTHERN PANHANDLE, (ID-Z002) COEUR D'ALENE AREA, (ID-Z004) CENTRAL PANHANDLE MOUNTAINS

| | | |
|--------------------|---|------------|
| 02/17/18 02:00 PST | 0 | Heavy Snow |
| 02/18/18 15:00 PST | 0 | |

A stationary front laying west to east over eastern Washington and north Idaho on February 17th developed into surface low pressure and finally an Arctic cold front which sagged southward through the region. A fetch of Pacific moisture fed into the surface low and enhanced into a period of moderate intensity snow during the day of February 17th and into the morning of the 18th. Heavy snow accumulations resulted over much of north Idaho before very dry Arctic air descended into the region behind the front and ended further precipitation.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|------------------------|
| (ID-Z002) COEUR D'ALENE AREA, (ID-Z003) IDAHO PALOUSE, (ID-Z004) CENTRAL PANHANDLE MOUNTAINS | | | | |
| | 02/23/18 18:00 PST | | 0 | Heavy Snow |
| | 02/26/18 22:00 PST | | 0 | |

A pair of weather disturbances, the first one quickly passing through the region on the evening of February 23rd and through the 24th and the second stronger system transiting the region during the day of February 25th brought heavy mountain snow to the high terrain of the central Idaho panhandle and moderate to locally heavy snow to the Idaho Palouse region, the Coeur D'Alene area and the valleys of the central panhandle.

IDAHO, Southeast

| | | | | |
|---|--------------------|--|---|--------------|
| (ID-Z019) UPPER SNAKE HIGHLANDS | | | | |
| | 02/16/18 16:00 MST | | 0 | Winter Storm |
| | 02/18/18 22:00 MST | | 0 | |
| (ID-Z018) SAWTOOTH MOUNTAINS, (ID-Z022) SOUTH CENTRAL HIGHLANDS, (ID-Z025) WASATCH MOUNTAINS/IDHO PORTION, (ID-Z031) BIG AND LITTLE WOOD RIVER REGION, (ID-Z032) LOST RIVER / PAHSIMEROI | | | | |
| | 02/16/18 17:00 MST | | 0 | Heavy Snow |
| | 02/19/18 05:00 MST | | 0 | |

A powerful winter storm brought heavy snow and winds to the mountains of southeast Idaho with the heaviest amounts in the Upper Snake River Highlands with many road closures including Highway 47, US 20, Highway 32, and Idaho Highway 87. Many locations recorded over a foot of snow.

| | | | | |
|--|--------------------|--|---|------------|
| (ID-Z021) LOWER SNAKE RIVER PLAIN | | | | |
| | 02/19/18 20:00 MST | | 0 | Heavy Snow |
| | 02/19/18 23:00 MST | | 0 | |

A narrow snow band brought heavy snowfall in the Pocatello area during the evening of February 19th. 3 to 6 inches of snow fell in the Chubbuck and Pocatello area in a 3 hour period from 8 pm through 11 pm. Several slideoffs were reported on interstate 15 in Pocatello in this time period.

| | | | | |
|------------------------------------|--------------------|---|---|-----------|
| (ID-Z023) CARIBOU HIGHLANDS | | | | |
| | 02/20/18 14:00 MST | 1 | 0 | Avalanche |
| | 02/20/18 19:00 MST | | 0 | |

Direct Fatalities: M47VE

A snowmobiler was killed in an avalanche in the Sheep Falls area east of Palisades Reservoir.

| | | | | |
|---|--------------------|--|---|------------|
| (ID-Z031) BIG AND LITTLE WOOD RIVER REGION | | | | |
| | 02/21/18 17:00 MST | | 0 | Heavy Snow |
| | 02/23/18 05:00 MST | | 0 | |

Heavy snow fell in the central mountains of southeast Idaho.

| | | | | |
|---|--------------------|--|---|------------|
| (ID-Z022) SOUTH CENTRAL HIGHLANDS, (ID-Z023) CARIBOU HIGHLANDS, (ID-Z025) WASATCH MOUNTAINS/IDHO PORTION, (ID-Z031) BIG AND LITTLE WOOD RIVER REGION | | | | |
| | 02/24/18 04:00 MST | | 0 | Heavy Snow |
| | 02/26/18 07:00 MST | | 0 | |

| | | | | |
|---|--------------------|--|---|--------------|
| (ID-Z019) UPPER SNAKE HIGHLANDS, (ID-Z021) LOWER SNAKE RIVER PLAIN | | | | |
| | 02/24/18 05:00 MST | | 0 | Winter Storm |
| | 02/26/18 10:00 MST | | 0 | |

| | | | | |
|--|--|--|--|--|
| (ID-Z020) UPPER SNAKE RIVER PLAIN | | | | |
|--|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/25/18 10:00 MST | | 0 | Dust Storm |
| | 02/25/18 21:00 MST | | 0 | |

Heavy snow and strong winds occurred for a three day period mainly over the weekend. The worst conditions were in the Upper Snake Highlands where two feet of snow fell in the Island Park area fell with many road closures. A dust storm closed interstate 15 north of Idaho Falls on the 25th.

IDAHO, Southwest

(ID-Z014) UPPER TREASURE VALLEY

| | | |
|--------------------|---|------------|
| 02/22/18 03:00 MST | 0 | Heavy Snow |
| 02/22/18 09:00 MST | 0 | |

A strong surface low tracked northeast across Southwest Idaho producing areas of heavy snow, particularly in the Treasure Valley.

(ID-Z011) WEST CENTRAL MOUNTAINS, (ID-Z013) BOISE MOUNTAINS

| | | |
|--------------------|---|------------|
| 02/25/18 07:00 MST | 0 | Heavy Snow |
| 02/26/18 06:00 MST | 0 | |

A snow storm which began on February 25th brought periods of heavy snow to Southwestern Idaho. The heaviest snow fell at elevations above 4000 feet where amounts reached 12 to 18 inches in less than 24 hours. When the snow ended early in the morning on February 26th, McCall, Donnelly, and Cascade, Idaho measured 10 to 12 inches of new snow. The higher mountain areas including the ski resorts measured around 18 inches of new snow. The heavy mountain snow significantly increased avalanche danger during this time which prompted the closure of Idaho 21 until the danger passed.

ILLINOIS, Central

(IL-Z027) KNOX, (IL-Z028) STARK, (IL-Z030) MARSHALL

| | | |
|--------------------|---|------------|
| 02/05/18 14:30 CST | 0 | Heavy Snow |
| 02/05/18 23:00 CST | 0 | |

A vigorous upper-level disturbance tracking from the Northern Rockies into the Ohio River Valley brought a period of moderate to heavy snow to north-central Illinois during the afternoon and evening of February 5th. A persistent mesoscale band developed...depositing 6 to 10 inches of snow along and north of a Galesburg to Lacon line.

CHAMPAIGN COUNTY --- 2.6 WNW LUDLOW [40.40, -88.17], 6.9 N PENFIELD [40.40, -87.93], 3.3 E BROADLANDS [39.93, -87.94], 2.0 E LONGVIEW [39.88, -88.03], 3.1 S IVESDALE [39.89, -88.45], 5.6 SSW SEYMOUR [40.03, -88.46]

| | | |
|--------------------|---|---------------------------------|
| 02/20/18 21:00 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/21/18 01:00 CST | 0 | Source: Emergency Manager |

Around 1.00 to 1.75 inches of rain fell onto frozen ground late on February 19th. This set the conditions for rapid flash flooding to occur on February 20th into the 21st when 3.00 to 5.00 of rain occurred. Numerous creeks and streams rapidly flooded in central and eastern Champaign County. Numerous roads in Champaign, Urbana, Savoy, St. Joseph, Rantoul and Thomasboro were impassable.

VERMILION COUNTY --- 3.0 WNW RANKIN [40.48, -87.93], 3.2 ENE CHENEYVILLE [40.49, -87.53], 3.6 E GRAPE GREEK [40.07, -87.53], 6.2 WSW FAIRMOUNT [40.02, -87.94]

| | | |
|--------------------|---|---------------------------------|
| 02/20/18 21:00 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/21/18 01:00 CST | 0 | Source: Emergency Manager |

Around 1.00 to 1.75 inches of rain fell onto frozen ground late on February 19th. This set the conditions for rapid flash flooding to occur on February 20th into the 21st when 3.00 to 5.00 of rain occurred. Numerous creeks and streams rapidly flooded in northern and central Vermilion County. Numerous roads in Hoopston, Bismarck and Danville were impassable.

CHAMPAIGN COUNTY --- 1.7 WNW SELLERS [40.19, -88.13], 1.9 SSE DAILEY [40.20, -87.94], 1.1 SSE HOMER ARPT [40.02, -87.94], 3.8 WNW BONGARD [39.94, -88.19]

| | | |
|--------------------|----|---------------------------|
| 02/21/18 01:00 CST | 1M | Flood (due to Heavy Rain) |
| 02/23/18 07:30 CST | 0 | Source: Emergency Manager |

Storm Data and Unusual Weather Phenomena - February 2018

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

Around 1.00 to 1.75 inches of rain fell onto frozen ground late on February 19th. This set the conditions for rapid flash flooding to occur on February 20th into the 21st when 3.00 to 5.00 of rain occurred. Numerous creeks and streams rapidly flooded in central and eastern Champaign County. Numerous roads in Champaign, Urbana, Savoy, St. Joseph, Rantoul and Thomasboro were impassable. Additional rainfall on February 22nd and 23rd resulted in storm total amounts ranging from 4.25 to 7.00 inches in central and eastern Champaign County. Roads in St. Joseph, Ogden, Homer and Sidney remained flooded for three days. A person attempting to cross a flooded road near the Salt Creek, north of St. Joseph had to be rescued during the late morning of February 21st. No injuries were reported, but the vehicle sank into the Salt Creek. The flooding finally dissipated during the early morning of February 23rd.

VERMILION COUNTY --- 3.2 ENE CHENEYVILLE [40.49, -87.53], 3.6 E GRAPE GREEK [40.07, -87.53], 6.2 WSW FAIRMOUNT [40.02, -87.94], 2.3 W HOPE [40.20, -87.94], 1.7 NE EAST LYNN [40.49, -87.76]

| | | |
|--------------------|----|---------------------------|
| 02/21/18 01:00 CST | 3M | Flood (due to Heavy Rain) |
| 02/23/18 16:00 CST | 0 | Source: Emergency Manager |

Around 1.00 to 1.75 inches of rain fell onto frozen ground late on February 19th. This set the conditions for rapid flash flooding to occur on February 20th into the 21st when 3.00 to 5.00 of rain occurred. Numerous creeks and streams rapidly flooded in northern and central Vermilion County. Numerous roads in Hoopeston, Bismarck and Danville were impassable. Another 0.50 to 1.00 inch of rain from late on February 21st into early February 23rd exacerbated the flooding. The North Fork of the Vermilion River flooded so quickly that 25 homes had to be evacuated by boat in the Morin addition on the west side of Danville early in the morning on February 21st. A person attempting to cross a flooded section of Illinois Route 1, between Hoopeston and Rossville had to be rescued from the roof of their car, also early in the morning on February 21st. The flood waters took more than two days to recede, with much of the flooding ending by the late afternoon of February 23rd.

A slow-moving frontal boundary brought very heavy rainfall to central Illinois from Monday, February 19th through Tuesday, February 20th. Many locations east of I-55 and north of I-70 picked up 3 to 5 inches of rain...with locally higher amounts in excess of 6 inches. The heavy rain occurring on top of the frozen ground led to significant run-off and widespread flooding along area creeks and streams. Several roads had water flowing across them during the evening of February 20th, particularly across portions of Champaign and Vermilion counties. In addition, the Vermilion River exceeded its banks...forcing the evacuation of 25 homes on the west side of Danville. High water continued to impact eastern Champaign County into Vermilion County into Friday, February 23rd.

ILLINOIS, Northeast

(IL-Z019) LA SALLE, (IL-Z032) LIVINGSTON, (IL-Z033) IROQUOIS

| | | |
|--------------------|---|--------------|
| 02/05/18 14:15 CST | 0 | Winter Storm |
| 02/06/18 00:00 CST | 0 | |

A narrow band of heavy snow fell across portions of central and east central Illinois during the afternoon and evening of February 5th. Storm total snowfall amounts included 8.0 inches in Cornell; 7.5 inches in Odell; 6.4 inches in Streator and 6.0 inches in Beaverville.

(IL-Z003) WINNEBAGO, (IL-Z004) BOONE, (IL-Z005) MCHENRY, (IL-Z006) LAKE, (IL-Z010) LEE, (IL-Z011) DE KALB, (IL-Z012) KANE, (IL-Z013) DU PAGE, (IL-Z014) COOK, (IL-Z019) LA SALLE, (IL-Z020) KENDALL, (IL-Z021) GRUNDY, (IL-Z022) WILL

| | | |
|--------------------|---|--------------|
| 02/08/18 16:15 CST | 0 | Winter Storm |
| 02/09/18 21:00 CST | 0 | |

Heavy snow fell across much of northern Illinois starting during the evening of February 8th and then continuing through the evening of February 9th. Storm total snowfall amounts included 12.0 inches 1.9 miles northeast of Somonauk; 11.9 inches 2.4 miles south southeast of Plainfield; 11.7 inches near Homer Glen; 11.0 inches near Alsip; 10.6 inches 1.6 miles west northwest of Oak Lawn; 10.4 inches 1.3 miles west of Mokena; 9.4 inches 1 mile southwest of Park Forest; 9.3 inches near Worth; 9.0 inches 1.9 miles southwest of Burr Ridge; 8.9 inches 2.5 miles west northwest of Bull Valley; 8.7 inches 2.6 inches east of Crete; 8.4 inches 1.1 miles northwest of Naperville; 8.0 inches 1.8 miles southeast of New Lenox; 7.6 inches 3.8 miles southwest of Woodstock; 7.5 inches 0.5 miles east northeast of Mazon; 7.1 inches 2 miles southeast of Elmhurst; 7.0 inches 0.7 miles west of Sleepy Hollow; 7.0 inches near LaSalle; 7.0 inches 2.5 miles northeast of Gurnee; 7.0 inches 5.5 miles south of Rockford; 6.5 inches 1.5 miles north of Buffalo Grove; 6.4 inches 1 mile west southwest of Crystal Lake; 6.3 inches 0.6 miles east southeast of Elk Grove Village; 6.2 inches 3 miles west northwest of Dixon and 6.0 inches 1.3 miles northwest of Ottawa.

GRUNDY COUNTY --- 2.1 WSW LANGHAM [41.29, -88.59], 2.3 WNW LANGHAM [41.32, -88.59], 2.2 SSE MINOOKA [41.42, -88.25], 2.9 NE EILEEN [41.33, -88.25]

| | | |
|--------------------|---|---------------------------|
| 02/19/18 12:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/28/18 23:59 CST | 0 | Source: River/Stream Gage |

Major flooding occurred along the Illinois River. The river crested at 23.79 feet at Morris on February 22nd, which was the 5th highest stage recorded. Flood stage at Morris is 16 feet and major stage is 22 feet. Some water rescues and evacuations occurred on the morning of February 21st.

WILL COUNTY --- 0.6 W FAITHORN [41.42, -87.63], 0.4 WNW FAITHORN [41.42, -87.63], 1.1 SSW FAITHORN [41.41, -87.63], 1.1 SSW FAITHORN [41.41, -87.63]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------------|
| | 02/19/18 23:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/20/18 06:00 CST | | 0 | Source: Trained Spotter |

Route 1 between Crete Monee Road to the north and Elms Court to the south was flooded and impassible with flowing water estimated to be one foot deep. Storm total rainfall amounts included 4.37 inches 4 miles south southeast of Crete; 4.35 inches in Monee and 4.10 inches in Peotone.

| IROQUOIS COUNTY --- 11.1 W CHEBANSE [41.00, -88.13], 6.8 NE HOOPER [41.01, -87.53], 3.9 SE GREER [40.49, -87.53], 3.4 SW LODA [40.49, -88.12] | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/20/18 00:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/21/18 10:00 CST | | 0 | Source: Law Enforcement |

Numerous roads in Iroquois County were flooded and several roads were closed. Storm total rainfall amounts included 5.20 inches 5 miles east of Ashkum and 4.35 inches 2 miles northwest of Watseka.

| KANKAKEE COUNTY --- 2.0 SW KANKAKEE RIVER PK AR [41.20, -88.01], 3.7 NW DESELM [41.29, -88.01], 4.2 ENE PUDER [41.30, -87.53], 1.3 ESE LEESVILLE [41.01, -87.53], 5.5 SW BUCKINGHAM [41.00, -88.25], 3.6 WNW ESSEX [41.20, -88.24] | | | | |
|---|--------------------|--|-------|---------------------------|
| | 02/20/18 00:00 CST | | 1.10M | Flood (due to Heavy Rain) |
| | 02/21/18 10:00 CST | | 0 | Source: Law Enforcement |

Numerous roads in Kankakee County were flooded and several roads were closed. Storm total rainfall amounts included 5.73 inches in St. Anne and 3.39 inches in Kankakee. Approximately 110 homes throughout the county were affected by flood waters.

| LA SALLE COUNTY --- 2.5 SE SENECA [41.29, -88.59], 1.6 ESE SENECA [41.32, -88.59], 0.4 NE OTTAWA [41.35, -88.85], 1.8 W PERU [41.33, -89.16], 2.7 SW PERU [41.30, -89.16] | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/20/18 00:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Major flooding occurred along the Illinois River. The river crested at 471.49 feet at Ottawa on February 22nd, which was the 3rd highest stage recorded. Flood stage at Ottawa is 463 feet and major stage is 469 feet. Moderate flooding occurred on the Illinois River near La Salle with a crest of 30.61 feet on February 23rd. Flood stage is 20 feet and major stage is 31 feet. The city of Marseilles issued a mandatory evacuation for residents south of the Illinois and Michigan Canal and east of Main Street. A nursing home near the Illinois River evacuated its 47 residents.

| WILL COUNTY --- 2.8 NW PEOTONE [41.36, -87.82], 2.2 NE PEOTONE [41.36, -87.76], 1.6 SE PEOTONE [41.31, -87.76], 2.3 WSW PEOTONE [41.31, -87.82] | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/20/18 00:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/20/18 18:00 CST | | 0 | Source: Broadcast Media |

A 52 year old woman drown inside a car that was found submerged in a flooded ditch.

| IROQUOIS COUNTY --- 0.1 N WATSEKA [40.78, -87.73], 0.3 WNW MILFORD [40.65, -87.67], 2.7 N DAWSON PARK [40.66, -87.53], 2.2 S DAWSON PARK [40.59, -87.52], 1.8 NW GOODWINE [40.59, -87.79], 3.0 W WATSEKA [40.78, -87.79] | | | | |
|---|--------------------|--|---|---------------------------|
| | 02/20/18 12:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 12:00 CST | | 0 | Source: River/Stream Gage |

Major flooding was recorded along Sugar Creek near Milford where the river crested at 28.52 feet on February 21st. This was the second highest stage recorded. Flood stage is 18 feet and major stage is 26 feet. Several buildings and homes were affected by the flood waters.

| IROQUOIS COUNTY --- 4.3 NW PAPINEAU [41.01, -87.79], 2.0 S PITWOOD [40.84, -87.73], 2.4 ENE IROQUOIS [40.84, -87.53], 1.3 N EFFNER [40.80, -87.53], 2.0 W COALER STATION [40.75, -87.77], 2.3 SSW L ERABLE [40.87, -87.86], 4.0 E CHEBANSE [41.00, -87.84] | | | | |
|---|--------------------|--|-------|---------------------------|
| | 02/20/18 12:00 CST | | 1.50M | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |

Major flooding occurred along the Iroquois River. The river crested at 26.06 feet at Iroquois on February 22nd, which was the second highest crest on record. Flood stage at Iroquois is 18 feet and major stage is 25 feet. The river crested at 20.59 feet at Chebanse on February 24th, which was also the second highest crest on record. Flood stage at Chebanse is 16 feet and major stage is 20 feet.

In the city of Watseka, over 100 homes suffered some kind of water damage from the flooding. Businesses and ground floor apartments were also flooded. Numerous roads were closed. Some residents had to be rescued by boats. The emergency manager said this flooding was likely the worst the city has seen.

| LAKE COUNTY --- WAUKEGAN [42.37, -87.83] | | | | |
|---|--------------------|--|---|------------------------------|
| | 02/20/18 13:04 CST | | 0 | Thunderstorm Wind (EG 55 kt) |
| | 02/20/18 13:04 CST | | 0 | Source: Broadcast Media |

Trees were blown down.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------|
| OGLE COUNTY --- 1.8 NNW ROCHELLE [41.94, -89.09], 2.1 NE ROCHELLE [41.94, -89.04], 1.8 E ROCHELLE MUNI ARPT [41.90, -89.04], 0.4 WSW ROCHELLE MUNI ARPT [41.90, -89.09] | | | | |
| | 02/20/18 15:42 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/20/18 23:00 CST | | 0 | Source: Trained Spotter |

Several roads in Rochelle were closed due to flooding.

Very heavy rain fell across much of eastern Illinois on February 19th and February 20th which caused areal flooding across some areas and major flooding on some rivers.

ILLINOIS, Northwest

| | | | | |
|--|--------------------|--|---|------------|
| (IL-Z016) HENRY, (IL-Z024) MERCER | | | | |
| | 02/05/18 16:00 CST | | 0 | Heavy Snow |
| | 02/05/18 23:00 CST | | 0 | |

A widespread snow event took place over Iowa and Illinois during the day through evening on the February, 5th, 2018. In most locations, this event produced a widespread 3 to 6 inch accumulation in about 12 hours, which combined with very light winds, to produce moderate impacts corresponding to a Winter Weather Advisory. A band of much heavier snow fell on the south edge of the widespread snow event, and was only 20 to 30 miles wide, but generally stretched across Iowa and Illinois along a line from near Grinnell, Iowa, to near Wapello, Iowa, to just north of Galesburg, Illinois. In that narrow axis, 7 to 10 inches of snow was observed.

| | | | | |
|--|--------------------|--|---|------------|
| (IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL | | | | |
| | 02/07/18 22:00 CST | | 0 | Heavy Snow |
| | 02/08/18 12:00 CST | | 0 | |

An upper level storm system tracked east across the eastern Great Plains into northern Missouri and Illinois on from Feb. 8-9, 2018, bringing widespread snow to portions of eastern Iowa and northwest Illinois. The heaviest snowfall fell along the Highway 20 corridor, where amounts of 6 to 8 inches were reported in Independence, Dubuque, and Freeport. To the south, around 2 to 5 inches fell from the Interstate 80 corridor to Highway 30.

| | | | | |
|---|--------------------|--|---|---------------------------------------|
| STEPHENSON COUNTY --- 3.4 W WINSLOW [42.50, -89.87], 3.5 NNE LAKE SUMMERSET [42.50, -89.37], 3.6 ESE GERMAN VLY [42.20, -89.40], 1.0 SW PEARL CITY [42.26, -89.84] | | | | |
| | 02/19/18 10:00 CST | | 0 | Flood (due to Heavy Rain / Snow Melt) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |

Emergency management reported widespread creek and Pecatonica River flooding beginning mid morning February 19th. This impacted the towns of Freeport, Pearl City, Winslow, and McConnell. Roads were covered in water, especially between Pearl City and Freeport. Homes and businesses were surrounded by water in many locations, with water in basements. There were 41 individuals and 10 animals rescued or evacuated from Freeport's 3rd ward. This overland flood event quickly evolved into a major river flood event for the Pecatonica River at Freeport, Illinois.

The Pecatonica River reached Major Flood level of 16 feet at 3 AM, February 25, and fell below Major Flood level at 11 AM, March 2nd. The Pecatonica River at Freeport crested at 16.12 feet, at 3 PM, February 25.

After a snowy early February, northwest Illinois experienced both a heavy rain event and extensive snowmelt on February 19th. The ground was frozen, which allowed for widespread creek flooding and areal flooding in Stephenson County. The flooding flowed most significantly through Yellow Creek and the Pecatonica River. The towns of Freeport, Pearl City, Winslow, and McConnell were impacted during this event.

| | | | | |
|---|--------------------|--|---|---------------------------------------|
| WHITESIDE COUNTY --- 0.7 WNW STERLING [41.80, -89.71], 0.2 ENE ROCK FALLS [41.77, -89.70], 6.4 SW ERIE [41.58, -90.17], 6.1 WSW ERIE [41.61, -90.18] | | | | |
| | 02/22/18 14:40 CST | | 0 | Flood (due to Heavy Rain / Snow Melt) |
| | 02/26/18 02:00 CST | | 0 | Source: Emergency Manager |

Emergency management relayed widespread flooding of farms and roads near the Rock River, associated with major river flooding, as well as ice jam activity. At the Joslin, Illinois Rock River gauge exceeded major flood stage of 16.5 feet, at 240 PM, February 22nd, and fell back below major flood stage at 2 AM, February 26th. The Rock River at Joslin crested at 18.31 feet, at 115 PM, February 23rd.

| | | | | |
|---|--|--|--|--|
| WHITESIDE COUNTY --- 0.8 W COMO [41.77, -89.79], 0.6 WSW ERIE [41.65, -90.09], 0.8 WSW SPRING HILL [41.62, -90.06], 1.6 SSE COMO [41.75, -89.76] | | | | |
|---|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/23/18 00:00 CST | | 0 | Flood (due to Ice Jam) |
| | 02/23/18 00:00 CST | | 0 | Source: Emergency Manager |

Whiteside County emergency management reported a significant ice jam that brought widespread inundation of farms and fields near the Rock River between Como and Erie Illinois. This ice jam was associated with major flooding along the Rock River, but enhanced that flooding considerably in that area.

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------------|
| ROCK ISLAND COUNTY --- 2.9 SSE CARBON CLIFF [41.46, -90.36], 2.7 WSW MILAN [41.44, -90.62], 1.4 SW ROCK IS [41.49, -90.60], 2.0 SSE SILVIS HGTS [41.47, -90.42], 1.1 WNW JOSLIN [41.55, -90.24], 1.9 ESE JOSLIN [41.54, -90.19] | 02/23/18 01:20 CST | | 0 | Flood (due to Heavy Rain / Snow Melt) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |

Emergency management relayed widespread flooding of farms, homes, cabins, and roads near the Rock River, associated with major river flooding, as well as ice jam activity. At the Moline, Illinois Rock River gauge exceeded major flood stage of 14 feet, at 120 AM, February 23rd, and fell back below major flood stage at 830 AM, March 1st. The Rock River at Moline crested at 15.31 feet, at 11 AM, February 24rd.

During a major Rock River flood event, which was occurring from February 20 through early March, an ice jam occurred near Prophetstown and Como Illinois. This localized ice jam brought significant local flooding beyond the river flood to portions of Whiteside County Illinois. The major river flooding continued into early March.

ILLINOIS, South

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|------------------------|
| (IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC | 02/06/18 18:00 CST | | 0 | Winter Weather |
| | 02/07/18 03:00 CST | | 0 | |

A moist 500 mb shortwave trough tracked east from the Plains, causing a surface low pressure center to develop northeast from Texas to the central Appalachians. Widespread wintry precipitation occurred as colder air filtered south on the back side of the low. Around one-tenth of an inch of ice glazed surfaces across southern Illinois. Near the onset of precipitation, a period of sleet was reported. Most of the precipitation fell in the form of freezing rain. The automated observing station at the Carbondale airport measured 0.11 inch of ice accretion. Most of the icing was on trees, power lines, and elevated surfaces during the precipitation. After the precipitation ended, temperatures fell through the 20's, causing icy spots to develop even on paved surfaces. Slick roads and motor vehicle accidents were common during the early morning hours. Several wrecks occurred on Interstate 57. In Union County, a tractor-trailer rig crashed and caught fire on Interstate 57. In Franklin County, a Greyhound bus crashed into a trailer being pulled by a sport utility vehicle.

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|------------------------|
| (IL-Z075) JEFFERSON, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z088) UNION, (IL-Z092) ALEXANDER | 02/11/18 02:00 CST | | 0 | Winter Weather |
| | 02/11/18 08:00 CST | | 0 | |

Over parts of southern Illinois along and west of Interstate 57, a mixture of freezing rain and sleet caused a light glaze of ice. Most of the icing was on elevated objects such as cars and decks. Some secondary roads and bridges were icy, resulting in several accidents. The U.S. Highway 51 bridge over the Ohio River near Cairo became icy, resulting in an accident. Two accidents were reported on Interstate 57 between Cairo and the Interstate 24 interchange. The mixed precipitation was caused by a surface low pressure center that tracked northeast from Louisiana to the middle Ohio Valley.

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|-------------------------|
| (IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC | 02/15/18 10:00 CST | | 19K | Strong Wind (MAX 40 kt) |
| | 02/15/18 21:30 CST | | 0 | |

Strong southwest winds occurred ahead of a cold front that was dropping southward across Missouri and Illinois. Peak wind gusts were mostly from 40 to 45 mph. However, the highest gust at the Carbondale airport was 46 mph.

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------|
| GALLATIN COUNTY --- SHAWNEETOWN [37.70, -88.13], 1.1 NW SHAWNEETOWN [37.71, -88.15], 2.6 SW SHAWNEETOWN [37.67, -88.16], 2.1 SSW SHAWNEETOWN [37.67, -88.15] | 02/16/18 16:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

The Ohio River rose above flood stage around mid-month and continued rising through the remainder of the month. As the river rose above flood stage, county roads in the river bottomlands were flooded and closed. Agricultural land was inundated.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|---------------------------|
| MASSAC COUNTY --- BROOKPORT [37.12, -88.63], 1.0 SSE METROPOLIS [37.14, -88.72], 1.0 ESE METROPOLIS [37.15, -88.71], 1.1 NNW BROOKPORT [37.13, -88.64] | | | | |
| | 02/16/18 23:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

The Ohio River rose above flood stage around mid-month and continued rising through the end of the month. Low-lying county roads were closed. Sections of Fort Massac State Park were flooded and closed in Metropolis.

| | | | | |
|---|--------------------|--|---|---------------------------|
| HARDIN COUNTY --- CAVE IN ROCK [37.47, -88.17], ELIZABETHTOWN [37.45, -88.30], 1.3 NE ELIZABETHTOWN [37.46, -88.28], 1.0 NW CAVE IN ROCK [37.48, -88.18] | | | | |
| | 02/17/18 08:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

The Ohio River rose above flood stage around mid-month and continued rising the rest of the month. Low-lying county roads were closed. Bottomland woods and fields were inundated.

| | | | | |
|--|--------------------|--|---|---------------------------|
| ALEXANDER COUNTY --- CAIRO [37.00, -89.18], 1.0 ENE CAIRO [37.01, -89.16], 2.6 ESE CAIRO [36.99, -89.14], 2.6 ESE CAIRO [36.98, -89.14] | | | | |
| | 02/19/18 18:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

The Ohio River rose above flood stage around mid-month and continued rising through the end of the month. Low-lying county roads were submerged. Agricultural bottomland and portions of a riverside park were flooded.

| | | | | |
|---|--------------------|--|---|---------------------------|
| POPE COUNTY --- GOLCONDA [37.37, -88.48], 1.2 WNW GOLCONDA [37.38, -88.50], 2.6 WSW BAY CITY [37.24, -88.54], 1.4 NNW BAY CITY [37.27, -88.51] | | | | |
| | 02/20/18 17:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

The Ohio River rose above flood stage around the 20th and continued rising through the end of the month. Low-lying county roads were flooded and closed.

| | | | | |
|--|--------------------|--|---|---------------------------|
| PULASKI COUNTY --- 2.6 SE NEW GRAND CHAIN [37.22, -88.99], 1.2 S OLMSTED [37.16, -89.08], 0.6 SW OLMSTED [37.17, -89.09], 0.9 SSE NEW GRAND CHAIN [37.24, -89.01] | | | | |
| | 02/20/18 18:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

The Ohio River rose above flood stage around mid-month and continued rising through the end of the month. Low-lying county roads were flooded. Agricultural bottomland was inundated.

Several rounds of heavy rain sent the Ohio River well above flood stage. February monthly precipitation was 4 to 7 inches above normal, with monthly totals of 8 to 10 inches common. This was greater than 200 percent of normal. This was the 4th wettest February on record at Paducah, Kentucky, with a total of 8.55 inches.

| | | | | |
|---|--------------------|--|---|-----------|
| (IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC | | | | |
| | 02/17/18 22:00 CST | | 0 | Dense Fog |
| | 02/18/18 09:00 CST | | 0 | |

The combination of clear skies, light winds, and moist ground from rainfall on the 16th resulted in widespread dense fog. High pressure was centered directly over the lower Ohio Valley.

| | | | | |
|--|--------------------|--|----|-------------------------|
| (IL-Z075) JEFFERSON, (IL-Z080) PERRY, (IL-Z084) JACKSON, (IL-Z088) UNION, (IL-Z092) ALEXANDER | | | | |
| | 02/20/18 05:00 CST | | 5K | Strong Wind (MAX 45 kt) |
| | 02/20/18 17:00 CST | | 0 | |

Strong gusty winds occurred ahead of a cold front that trailed southwest from a surface low pressure center over lower Michigan. In the Mississippi River counties of southern Illinois as well as the Mount Vernon area, south to southwest winds gusted up to near 50 mph. The peak wind gusts were measured at 52 mph at the Carbondale airport and 47 mph near Mount Vernon.

| | | | | |
|--|--|--|--|--|
| JACKSON COUNTY --- 2.0 E MURPHYSBORO [37.77, -89.29], 2.0 N MURPHYSBORO [37.80, -89.33], 2.0 W MURPHYSBORO [37.77, -89.37], 2.0 S MURPHYSBORO [37.74, -89.33] | | | | |
|--|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/21/18 08:00 CST | | 30K | Flood (due to Heavy Rain) |
| | 02/21/18 12:00 CST | | 0 | Source: Emergency Manager |

A washed out culvert prompted the closure of a street near Murphysboro High School.

| WILLIAMSON COUNTY --- HERRIN [37.80, -89.03], CORINTH [37.82, -88.78], CREAL SPGS [37.62, -88.83], CARTERVILLE [37.75, -89.08] | | | | |
|---|--------------------|--|---|---------------------------|
| | 02/21/18 23:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 03:00 CST | | 0 | Source: Emergency Manager |

Several secondary roads were closed due to flooding within the county.

Several rounds of widespread heavy rainfall tracked northeast across southern Illinois. These rounds of heavy rain produced localized flooding of roads. In the wake of a surface cold front, a persistent southwest flow of moist air aloft generated multiple rounds of widespread rain. The two-day rainfall at the Carbondale co-operative observer site was 2.66 inches for the 21st and 22nd.

| WABASH COUNTY --- 2.2 S PATTON [38.45, -87.75], 2.4 SSE PATTON [38.45, -87.73], 1.4 E MT CARMEL [38.42, -87.74], 2.4 S MT CARMEL [38.39, -87.77], 0.6 SSE ROCHESTER [38.34, -87.83], 0.9 NW ROCHESTER [38.36, -87.84] | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/24/18 11:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Moderate flooding developed along the Wabash River in the Mt. Carmel area. Extensive flooding of low-lying agricultural land occurred. Some residents along one Mt. Carmel street and another street in the Keensburg area were forced to relocate. Several local roads were flooded, some by several feet of water. These included County Road 1280 E and three township roads south of Illinois 1 near Keensburg. The river continued rising into March.

| WHITE COUNTY --- CARMI [38.08, -88.17], 2.3 ENE BROWNSVILLE [38.05, -88.21], 2.5 SE BROWNSVILLE [38.01, -88.21], 3.2 S CARMI [38.03, -88.17], 1.5 ESE CARMI MUNI ARPT [38.09, -88.13] | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/24/18 11:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Minor flooding developed along the Little Wabash River. Low-lying agricultural land was flooded. Several county roads were inundated. The river continued rising into March.

| WHITE COUNTY --- MAUNIE [38.03, -88.05], 0.7 E MAUNIE [38.03, -88.04], 1.1 SE RISING SUN [37.99, -88.02], 4.2 SE EMMA [37.94, -88.04] | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/24/18 11:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Moderate flooding developed along the Wabash River. The river was three miles wide at Interstate 64. Considerable flooding of bottomland agricultural land occurred. A few rural county roads were impacted. The river continued rising into March.

| JACKSON COUNTY --- 3.2 W HARRISON [37.78, -89.39], 3.1 NE SAND RIDGE [37.76, -89.39], 1.8 W MT CARBON [37.75, -89.36], 0.5 SW MT CARBON [37.74, -89.34] | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/25/18 05:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Moderate flooding developed along the Big Muddy River. Water encroached on a few residential streets in the southeast part of Murphysboro. A city park was partially inundated. Low-lying agricultural land outside the city was flooded. The river continued rising into March.

| FRANKLIN COUNTY --- PLUMFIELD [37.88, -89.00], 1.5 W BENTON MUNI ARPT [38.00, -88.96], 1.5 SSW REND CITY [38.01, -88.99], 0.9 N CLEBURNE [37.94, -89.05], 1.6 S ZEIGLER [37.88, -89.05] | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/25/18 08:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Minor flooding occurred along the Big Muddy River. Low-lying bottomland woods and fields were inundated. The river remained above flood stage into March.

Several rounds of heavy rain between the 20th and 24th sent rivers above flood stage. February monthly precipitation was 4 to 7 inches above normal, with monthly totals of 8 to 10 inches common. This was greater than 200 percent of normal. This was one of the five wettest Februaries on record at the primary climate sites in the lower Ohio Valley.

| JACKSON COUNTY --- 2.0 N CARBONDALE [37.75, -89.22], 2.0 E CARBONDALE [37.72, -89.18], 2.0 S CARBONDALE [37.69, -89.22], 2.0 W CARBONDALE [37.72, -89.26] | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/24/18 16:40 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 20:00 CST | | 0 | Source: Trained Spotter |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|-----------|-------------------|---------------------|------------------------|
| Several streets were flooded in the city of Carbondale. A couple of them were barricaded. Close to an inch of rain fell in an hour during a thunderstorm. This rain occurred on ground that was saturated by nearly 5 inches of rain in the previous four days. | | | | |

| | | | |
|--|--------------------|---|---------------------------------|
| FRANKLIN COUNTY --- 2.0 W WEST FRANKFORT [37.90, -88.96], 1.2 NE EZRA [37.89, -88.95], 1.2 S THOMPSONVILLE [37.90, -88.77], THOMPSONVILLE [37.92, -88.77] | 02/24/18 17:10 CST | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 20:00 CST | 0 | Source: Trained Spotter |

Several roads were impassable in the southeast portion of the county. In the West Frankfort area, water was over parts of Highway 149 and nearby side roads.

| | | | |
|---|--------------------|---|---------------------------------|
| WILLIAMSON COUNTY --- 2.0 E MARION [37.73, -88.89], 2.0 N MARION [37.76, -88.93], 2.0 W MARION [37.73, -88.97], 0.2 W NELSON [37.62, -88.97], CREAL SPGS [37.62, -88.83] | 02/24/18 17:25 CST | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 20:00 CST | 0 | Source: Trained Spotter |

Numerous roads were flooded around Marion. Several roads in the southern portion of the county were quickly becoming impassable.

| | | | |
|---|--------------------|---|---------------------------------|
| HAMILTON COUNTY --- 4.0 S MC LEANSBORO [38.04, -88.53], 4.0 E MC LEANSBORO [38.10, -88.46], 4.0 N MC LEANSBORO [38.16, -88.53], 4.0 W MC LEANSBORO [38.10, -88.60] | 02/24/18 18:33 CST | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 21:30 CST | 0 | Source: Emergency Manager |

Two water rescues were conducted on flooded roads. Officials urged people to refrain from travelling due to widespread flooding in the county.

| | | | |
|---|--------------------|---|---------------------------------|
| HARDIN COUNTY --- CAVE IN ROCK [37.47, -88.17], ELIZABETHTOWN [37.45, -88.30], ROSICLARE [37.42, -88.35], KARBERS RIDGE [37.58, -88.33], CADIZ [37.58, -88.22] | 02/24/18 20:00 CST | 0 | Flash Flood (due to Heavy Rain) |
| | 02/25/18 01:00 CST | 0 | Source: Broadcast Media |

Water rescues were conducted in the county. Thunderstorms produced rainfall rates that were estimated near one-half inch per hour on ground that received 3 to 4 inches of rain in the past week.

| | | | |
|---|--------------------|---|---------------------------|
| WAYNE COUNTY --- WAYNE CITY [38.35, -88.58], 2.6 N MAYBERRY [38.31, -88.54], 3.3 S SIMS [38.32, -88.52], 1.0 NE WAYNE CITY [38.36, -88.57] | 02/25/18 07:00 CST | 0 | Flood (due to Heavy Rain) |
| | 02/27/18 08:00 CST | 0 | Source: River/Stream Gage |

Moderate flooding of the Skillet Fork River occurred. At the Wayne City river gage, the river crested at 18.33 feet early on the 26th. Flood stage is 15 feet. Considerable flooding of low-lying agricultural land took place.

Pockets of flash flooding occurred across southern Illinois. A narrow swath of torrential rainfall occurred from Cape Girardeau, MO northeast across the Marion/Carbondale area, where streets were closed. A surface low pressure center tracked rapidly north-northeast from Arkansas to the upper Mississippi Valley, dragging a warm front north across southern Illinois. Instability was adequate for thunderstorms. A very moist air mass resulted in excessive rainfall rates, which produced flash flooding due to the water-logged ground.

ILLINOIS, Southwest

| | | | |
|--|--------------------|---|---------|
| (IL-Z098) CALHOUN, (IL-Z099) JERSEY | 02/01/18 00:00 CST | 0 | Drought |
| | 02/28/18 23:59 CST | 0 | |

D2 (Severe) drought continued across parts of southwest Illinois.

INDIANA, Central

| |
|---|
| CLINTON COUNTY --- 1.3 SSE SEDALIA [40.40, -86.51], 1.1 SE SEDALIA [40.41, -86.51], 1.2 SE SEDALIA [40.41, -86.50], 1.4 SE SEDALIA [40.40, -86.50] |
|---|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/21/18 08:45 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/21/18 10:45 EST | | 0 | Source: Law Enforcement |

Dispatch reported County Road 0 closed from State Road 26 to County Road 800 North due to high water from heavy rainfall.

CLINTON COUNTY --- GEETINGSVILLE [40.40, -86.47], 0.2 NW GEETINGSVILLE [40.40, -86.47], 0.5 WNW GEETINGSVILLE [40.40, -86.48], 0.6 W GEETINGSVILLE [40.40, -86.48]

| | | | | |
|--|--------------------|--|-------|---------------------------|
| | 02/21/18 08:45 EST | | 0.50K | Flood (due to Heavy Rain) |
| | 02/21/18 10:45 EST | | 0 | Source: Law Enforcement |

Dispatch reported County Road 800 North closed from County Road 100 East to County Road 200 East due to high water from heavy rainfall.

Unseasonably high amounts of moisture flowed into central Indiana from the southwest and south during the latter part of February. At times during the period of February 19th to the 24th, the precipitable water values (a measure of moisture in the atmosphere) reached record levels for February.

Heavy rainfall fell early in the week (February 19/20) across northern sections of central Indiana. The second round of heavy rain on the 24th fell across southern sections of the area. In all, 7-day totals ending the morning of February 25th were from 3 to 6 inches across much of central Indiana.

VERMILLION COUNTY --- 0.9 E COYUGA [39.95, -87.45], 0.9 NE COYUGA [39.96, -87.46], 0.5 NE COYUGA [39.95, -87.46], 0.6 ENE COYUGA [39.95, -87.46]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/22/18 10:10 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/22/18 12:00 EST | | 0 | Source: Law Enforcement |

State Road 234 was shut down due to flooding from heavy rainfall.

Unseasonably high amounts of moisture flowed into central Indiana from the southwest and south during the latter part of February. At times during the period of February 19th to the 24th, the precipitable water values (a measure of moisture in the atmosphere) reached record levels for February.

Heavy rainfall fell early in the week (February 19/20) across northern sections of central Indiana. The second round of heavy rain on the 24th fell across southern sections of the area. In all, 7-day totals ending the morning of February 25th were from 3 to 6 inches across much of central Indiana.

KNOX COUNTY --- 1.2 ENE WILLIS [38.58, -87.33], 1.1 ENE WILLIS [38.58, -87.33], 1.2 ENE WILLIS [38.57, -87.33], 1.3 ENE WILLIS [38.57, -87.33]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/24/18 21:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/24/18 23:00 EST | | 0 | Source: Emergency Manager |

Water was flowing over parts of State Road 61 between Monroe City and the Pike County line due to heavy rainfall.

Over two inches of rain fell in portions of Knox county on the 24th of February, leading to some isolated flooding.

Unseasonably high amounts of moisture flowed into central Indiana from the southwest and south during the latter part of February. At times during the period of February 19th to the 24th, the precipitable water values (a measure of moisture in the atmosphere) reached record levels for February.

Heavy rainfall fell early in the week (February 19/20) across northern sections of central Indiana. The second round of heavy rain on the 24th fell across southern sections of the area. In all, 7-day totals ending the morning of February 25th were from 3 to 6 inches across much of central Indiana.

INDIANA, Northeast

(IN-Z003) LA PORTE, (IN-Z004) ST. JOSEPH, (IN-Z005) ELKHART, (IN-Z006) LAGRANGE, (IN-Z007) STEUBEN, (IN-Z012) STARKE, (IN-Z014) MARSHALL, (IN-Z016) KOSCIUSKO

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/04/18 00:00 CST | | 0 | Winter Weather |
| | 02/04/18 21:00 CST | | 0 | |

(IN-Z003) LA PORTE, (IN-Z004) ST. JOSEPH, (IN-Z005) ELKHART, (IN-Z006) LAGRANGE, (IN-Z007) STEUBEN, (IN-Z012) STARKE, (IN-Z014) MARSHALL, (IN-Z016) KOSCIUSKO

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/04/18 00:00 EST | | 0 | Winter Weather |
| | 02/04/18 21:00 EST | | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

Snow, moderate at times, accompanied an upper level system that dropped 2 to 6 inches of snow on February 4th.

(IN-Z008) NOBLE, (IN-Z009) DE KALB, (IN-Z012) STARKE, (IN-Z013) PULASKI, (IN-Z014) MARSHALL, (IN-Z015) FULTON, (IN-Z016) KOSCIUSKO, (IN-Z017) WHITLEY, (IN-Z018) ALLEN, (IN-Z020) WHITE, (IN-Z022) CASS, (IN-Z023) MIAMI, (IN-Z024) WABASH, (IN-Z025) HUNTINGTON, (IN-Z026) WELLS, (IN-Z027) ADAMS, (IN-Z032) GRANT, (IN-Z033) BLACKFORD, (IN-Z034) JAY

| | | |
|--------------------|---|----------------|
| 02/05/18 18:00 EST | 0 | Winter Weather |
| 02/06/18 03:00 EST | 0 | |

An Alberta Clipper produced a brief burst of snow late February 5th into the early morning hours of February 6th. Total snow accumulations generally ranged between 3 and 6 inches.

(IN-Z003) LA PORTE, (IN-Z004) ST. JOSEPH, (IN-Z005) ELKHART, (IN-Z006) LAGRANGE, (IN-Z007) STEUBEN

| | | |
|--------------------|---|------------|
| 02/09/18 00:00 CST | 0 | Heavy Snow |
| 02/09/18 21:00 CST | 0 | |

(IN-Z003) LA PORTE, (IN-Z004) ST. JOSEPH, (IN-Z005) ELKHART, (IN-Z006) LAGRANGE, (IN-Z007) STEUBEN

| | | |
|--------------------|---|------------|
| 02/09/18 00:00 EST | 0 | Heavy Snow |
| 02/09/18 21:00 EST | 0 | |

(IN-Z008) NOBLE, (IN-Z009) DE KALB, (IN-Z012) STARKE, (IN-Z014) MARSHALL, (IN-Z016) KOSCIUSKO

| | | |
|--------------------|---|----------------|
| 02/09/18 00:00 EST | 0 | Winter Weather |
| 02/09/18 13:00 EST | 0 | |

Snow, heavy at times, accumulated to between 10 and 14 inches of snow across far northern Indiana on February 9th creating hazardous travel conditions.

LA PORTE COUNTY --- 1.8 SW MICHIGAN CITY [41.70, -86.93], 1.0 SSE HUDSON LAKE [41.71, -86.54], 1.1 NW MILL CREEK [41.59, -86.55], 3.3 S SOUTH CENTER [41.43, -86.53], 2.4 S KINGSFORD HGTS [41.42, -86.67], 4.3 SSE HANNA [41.37, -86.74], 5.3 SSE THOMASTON [41.31, -86.78], 2.1 SW WILDERS [41.25, -86.93]

| | | |
|--------------------|-------|---------------------------------------|
| 02/20/18 06:50 CST | 0.50M | Flood (due to Heavy Rain / Snow Melt) |
| 02/25/18 10:45 CST | 0 | Source: Department of Highways |

High water forced the closures of several roads in LaPorte county, including portions of US 20 and 35 and State Routes 8 and 212. The high water was the result of ditches, creeks, streams and rivers exceeding their capacity, causing extensive flooding that slowly increased over the span of a few days. State Route 8, between US 421 and State Route 39 suffered such severe flooding as a result of flood waters on the Yellow iver that a portion of the road will require complete reconstruction of a portion, causing it to remain closed for several months. See separate entry for damage to a levee in Starke county. Damage in excess of \$500,000 was reported to mainly county roads, state highways and the water treatment plant in LaPorte.

ST. JOSEPH COUNTY --- 3.2 W NORTH LIBERTY [41.54, -86.49], 3.3 SW WALKERTON [41.43, -86.52], 0.7 ENE WALKERTON [41.47, -86.47], 6.2 ESE WYATT [41.48, -86.06], 3.0 ENE GRANGER [41.76, -86.06], 2.8 NW HAMILTON [41.75, -86.52], 2.7 WSW ARDMORE [41.65, -86.53], 1.6 S ARDMORE [41.65, -86.49]

| | | |
|--------------------|-------|---------------------------------------|
| 02/20/18 07:42 EST | 1.10M | Flood (due to Heavy Rain / Snow Melt) |
| 02/25/18 11:45 EST | 0 | Source: Emergency Manager |

Extensive flooding occurred across the county as all area waterways exceeded their limited, reaching record levels in some spots. Residents had to be evacuated along many of the rivers with numerous homes and businesses suffering varying degrees of damage. In addition, numerous roads were closed due to high water for several days including portions of US 331, 20 and 6 as well as several state routes. Washouts were reported in some areas. Damage estimates totaled at least 1.1 million dollars.

LAGRANGE COUNTY --- 0.5 SSE STONY CREEK STATION [41.52, -85.65], 3.7 S STROH [41.53, -85.20], 6.7 ENE BRIGHTON [41.76, -85.20], 5.0 NW SHIPSHAWANA FLD ARPT [41.76, -85.66]

| | | |
|--------------------|-----|---------------------------------------|
| 02/20/18 11:52 EST | 54K | Flood (due to Heavy Rain / Snow Melt) |
| 02/25/18 11:45 EST | 0 | Source: Emergency Manager |

Damage occurred to several roads in the county due to high water levels on rivers, creeks and streams. Road damage was reported in parts of the county. High water levels on Whitmer and Westler lakes, located near Wolcottville caused damage to several homes and a water treatment plant suffering damage. Estimates were over 54,000 dollars.

STARKE COUNTY --- 5.3 E ORA [41.17, -86.47], 2.3 SW SAN PIERRE [41.17, -86.93], 2.7 WSW LOMAX [41.24, -86.93], 1.7 ENE ENGLISH LAKE [41.28, -86.80], 2.0 WSW BREMS [41.32, -86.74], 4.4 WNW HAMLET [41.40, -86.68], 4.0 NNW HAMLET [41.43, -86.64], 0.9 NE KOONTZ LAKE LAKE [41.43, -86.47]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------------------|
| | 02/20/18 11:52 CST | | 1.20M | Flood (due to Heavy Rain / Snow Melt) |
| | 02/25/18 10:45 CST | | 0 | Source: Emergency Manager |

Extensive flooding occurred across the county as rivers, creeks, streams and ditches could not keep up with the flood waters. Water was reported to be so high and fast that many ditches were breaking, allowing the water to spill onto roads and other areas. A levee on the Yellow River west of State Route 39 and south of State Route 8 was breached, causing extensive damage to the levee and increased flooding downstream. Portions of State Routes 8, 39, 10 and 23 as well as countless county roads were closed due to high water. Damage is estimated in excess of 1.2 million dollars.

PULASKI COUNTY --- 2.2 NE MONTEREY [41.17, -86.47], 2.9 ESE THORNHOPE [40.91, -86.47], 5.6 SSW FRANCESVILLE [40.91, -86.93], 6.4 NNW MEDARYVILLE [41.17, -86.93]

| | | | | |
|--|--------------------|--|-----|---------------------------------------|
| | 02/20/18 14:00 CST | | 38K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/25/18 11:45 CST | | 0 | Source: Emergency Manager |

Extensive river basin flooding occurred across the county with several roads having to be closed at times as the Tippecanoe River went well out of its banks to near record levels. Damage was reported to many roads with some suffering partial washouts as drainage was unable to keep up with the water flow. Preliminary damage estimates were around 38,000 dollars.

MARSHALL COUNTY --- 4.5 W TEEGARDEN [41.47, -86.47], 2.0 NNE AYR [41.48, -86.06], 3.7 ESE TIPPECANOE [41.17, -86.06], 3.8 SSW CULVER [41.17, -86.47]

| | | | | |
|--|--------------------|--|-------|---------------------------------------|
| | 02/20/18 14:17 EST | | 1.20M | Flood (due to Heavy Rain / Snow Melt) |
| | 02/25/18 11:45 EST | | 0 | Source: Emergency Manager |

Damage occurred to several roads as a result of the record flooding from the Yellow River and associated drainage basin. Many county roads were closed for a period of time with even State Routes 30, 331 and 6 being impacted by flood waters. Nearly every town in the county suffered damage from the flood waters with Plymouth, Argos and Bremen suffering the most damage. Evacuations were necessary in some areas with water rescues due to rapid rise in the rivers. Preliminary damage estimates exceed 1.2 million dollars.

ELKHART COUNTY --- 4.3 NW (EKM)ELKHART MUNI AR [41.76, -86.06], 3.0 SW LOCKE [41.44, -86.06], 6.2 SSE MILLERSBURG [41.44, -85.66], 3.5 E VISTULA [41.76, -85.66]

| | | | | |
|--|--------------------|--|-------|---------------------------------------|
| | 02/20/18 15:30 EST | | 1.20M | Flood (due to Heavy Rain / Snow Melt) |
| | 02/25/18 11:45 EST | | 0 | Source: Emergency Manager |

Extensive flooding occurred across the county as all area waterways exceeded their limited, reaching record levels in some spots. Residents had to be evacuated along many of the rivers with numerous homes and businesses suffering varying degrees of damage. In addition, numerous roads were closed due to high water for several days including portions of US 6, State Routes 19 and 106. Damage estimates totaled at least 1.2 million dollars.

FULTON COUNTY --- 4.5 SW GRASS CREEK [40.91, -86.47], 5.9 ESE FULTON [40.91, -86.17], 0.6 ESE GREENOAK [41.00, -86.17], 4.5 SE AKRON [41.00, -85.95], 2.9 E AKRON [41.04, -85.95], 1.2 WSW AKRON [41.04, -86.02], 2.6 ENE TALMA [41.17, -86.08], 3.1 NNW DELONG [41.17, -86.45]

| | | | | |
|--|--------------------|--|-------|---------------------------------------|
| | 02/20/18 15:44 EST | | 0.25M | Flood (due to Heavy Rain / Snow Melt) |
| | 02/25/18 11:45 EST | | 0 | Source: Emergency Manager |

Extensive flooding was reported around the Tippecanoe River and its associated basin, with several roads suffering damage from partial to full washouts. Damage has been estimated in excess of 250,000 dollars.

WHITE COUNTY --- 0.7 NE GARWOOD ARPT [40.89, -86.84], 2.4 ESE CHALMERS [40.66, -86.81], 3.8 S WHITE CO ARPT [40.66, -86.76], 0.9 NNE WHITE CO ARPT [40.73, -86.76], 2.4 S BURNETTSVILLE [40.74, -86.58], 3.4 E HEADLEE [40.91, -86.59]

| | | | | |
|--|--------------------|--|-------|---------------------------|
| | 02/20/18 15:44 EST | | 0.23M | Flood (due to Heavy Rain) |
| | 02/25/18 11:45 EST | | 0 | Source: Emergency Manager |

The heavy rainfall in the Tippecanoe River basin forced dam flows in excess of 20,000 CFS. This caused extensive flooding downstream of the dam with some neighborhoods having to have assistance evacuating and some water rescues due to rapid rises. The Diamond Point area near Monticello was impacted by the flood waters. Damage is estimated in excess of 230,000 dollars.

KOSCIUSKO COUNTY --- 3.1 WSW NAPPANEE [41.43, -86.05], 0.5 NE ENCHANTED HILLS [41.43, -85.66], 3.5 ESE PIERCETON [41.18, -85.66], 2.3 SE PIERCETON [41.18, -85.69], 0.8 E MENTONE ARPT [41.15, -86.05]

| | | | | |
|--|--------------------|--|-----|---------------------------------------|
| | 02/21/18 08:45 EST | | 56K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/25/18 11:45 EST | | 0 | Source: Emergency Manager |

High water levels and subsequent flooding issues were seen across much of the county as the over 100 lakes and various creeks, streams and rivers struggle to handle the runoff of flood waters. Several roads were closed or marked for high water. Damage was estimated at around 56,000 dollars.

A slow release of a snow pack, containing one to over two inches of water, occurred in the days leading to the event which started the process of river rises in many areas. Low pressure tracked from northwest Iowa into northern Lower Michigan, which ushered in a rapid warmup and equally rapid release of any remaining water in the snow-pack. Several rounds of rain occurred between the 19th and

Storm Data and Unusual Weather Phenomena - February 2018

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

21st of February across the region, fed by record high precipitable water levels (by February standards) in the 1.3 to 1.5 inch range. A swath of four to six inches of rain fell northwest of a Logansport to Kendallville line. All these factors combined to cause extensive flooding on several rivers in the St Joseph, Kankakee and Upper Wabash river basins, with record crests occurring on some rivers. These water levels forced evacuations of homes and closure of businesses and schools, rescues from those driving into flood waters and an overwhelming of water treatment facilities in a few communities. While exact damage figures were not available at the time of entry of the data, preliminary data suggests values into the millions (possibly \$10 million or higher).

INDIANA, Northwest

(IN-Z010) NEWTON, (IN-Z011) JASPER

| | | |
|--------------------|---|--------------|
| 02/05/18 16:00 CST | 0 | Winter Storm |
| 02/06/18 01:00 CST | 0 | |

A narrow band of heavy snow fell across parts of northwest Indiana during the late afternoon and evening of February 5th. Storm total snowfall amounts included 9.0 inches in Rensselaer; 6.3 inches 1.6 miles north northeast of Mt Ayr and 6.0 inches in Morocco.

(IN-Z001) LAKE, (IN-Z002) PORTER

| | | |
|--------------------|---|--------------|
| 02/08/18 18:45 CST | 0 | Winter Storm |
| 02/09/18 21:00 CST | 0 | |

Heavy snow fell across far northwest Indiana starting during the evening of February 8th and then continuing through the evening of February 9th. Storm total snowfall amounts included 12.0 inches 4.8 miles east northeast of Gary; 10.3 inches 0.6 miles south of Porter; 9.9 inches 1.5 miles north northwest of Munster; 9.3 inches 1 mile west northwest of Dyer; 9.3 inches 1.1 miles north of Crown Point and 8.0 inches 5.5 miles south southwest of Valparaiso.

LAKE COUNTY --- 0.2 E ILLINOI [41.18, -87.53], 0.8 NNW SHELBY [41.21, -87.35], 3.3 E RANGE LINE [41.26, -87.22], 5.3 SE RANGE LINE [41.21, -87.22], 2.7 SSE SHELBY [41.16, -87.33], 2.4 S ILLINOI [41.15, -87.53]

| | | |
|--------------------|---|---------------------------|
| 02/19/18 12:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/28/18 23:59 CST | 0 | Source: River/Stream Gage |

Record flooding occurred along the Kankakee River. The river crested at 13.3 feet at Shelby on February 23rd, which was the highest crest on record. Flood stage at Shelby is 9 feet and major stage is 12.5 feet.

JASPER COUNTY --- 5.4 NNE REMINGTON [40.84, -87.10], 3.4 SE REMINGTON [40.74, -87.10], 6.5 WSW REMINGTON [40.74, -87.27], 1.2 NNW FORREST CITY [41.22, -87.27], 5.7 NNE KERSEY [41.28, -87.12], 2.1 E TEFFT [41.21, -86.93], 4.6 E MC COYSBURG [40.91, -86.93], 1.7 ESE MC COYSBURG [40.91, -86.99]

| | | |
|--------------------|-------|---------------------------|
| 02/20/18 00:00 CST | 0.29M | Flood (due to Heavy Rain) |
| 02/21/18 12:00 CST | 0 | Source: Emergency Manager |

Many areas of Jasper County were flooded with some roads flooded and closed. Storm total rainfall amounts included 6.50 inches two miles south southeast of Wheatfield; 6.41 inches one mile north northwest of De Motte and 4.70 inches one mile north of Rensselaer.

LAKE COUNTY --- 2.2 NW WHITING [41.71, -87.52], 1.4 N (GY)GARY MUNI ARPT [41.64, -87.42], 1.5 E GARY [41.62, -87.32], 1.4 E OGDEN DUNES [41.62, -87.22], 3.6 ESE RANGE LINE [41.24, -87.22], 3.5 ENE SHELBY [41.22, -87.29], 1.2 SSE SHELBY [41.18, -87.35], 1.0 S ILLINOI [41.17, -87.53]

| | | |
|--------------------|---|---------------------------|
| 02/20/18 00:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/21/18 12:00 CST | 0 | Source: Law Enforcement |

Many areas of Lake County were flooded with some roads flooded and closed. In Lake Station, a voluntary evacuation order was issued as the Deep River overflowed its banks and began to flood nearby homes. Storm total rainfall of 4.44 inches of rain was measured one mile north of Crown Point.

NEWTON COUNTY --- 3.1 WNW LAKE VLG ARPT [41.16, -87.53], 0.8 SSW EFFNER [40.74, -87.52], 2.3 SSE GOODLAND [40.74, -87.27], 2.7 S MT AYR [40.91, -87.28], 3.8 NE THAYER [41.21, -87.28], 0.6 NNW THAYER [41.18, -87.33], 2.4 ESE SUMAVA RESORTS [41.16, -87.41]

| | | |
|--------------------|---|---------------------------|
| 02/20/18 00:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/21/18 12:00 CST | 0 | Source: Emergency Manager |

Many areas of Newton County were flooded with some roads flooded and closed. A storm total rainfall of 6.11 inches was measured three miles east southeast of Conrad.

PORTER COUNTY --- 4.0 S CLANRICARDE [41.22, -86.97], 3.7 SSW KOUTS [41.27, -87.06], 2.2 SSW AYLESWORTH [41.29, -87.13], 5.3 SSW HEBRON [41.24, -87.22], 2.2 W OGDEN DUNES [41.62, -87.22], 1.1 NW TREMONT [41.66, -87.06], 1.1 NE TOWN OF PINES [41.71, -86.93], 3.5 SE CLANRICARDE [41.24, -86.93]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/20/18 00:00 CST | | 3.55M | Flood (due to Heavy Rain) |
| | 02/21/18 12:00 CST | | 0 | Source: Emergency Manager |

Significant flooding occurred in Porter County which caused flood damage to approximately 190 homes. Flooding closed several roads and damaged public infrastructure, including roads, culverts, bridges, levees and stream and ditch banks. Storm total rainfall amounts included 4.50 inches in Portage and 4.20 inches in Valparaiso.

PORTER COUNTY --- 4.1 SSW HEBRON [41.26, -87.22], 1.7 SSW AYLESWORTH [41.30, -87.13], 3.1 SE CLANRICARDE [41.25, -86.93], 4.2 SSE CLANRICARDE [41.23, -86.93], 4.9 S CLANRICARDE [41.21, -86.97], 7.6 S HEBRON [41.21, -87.22]

| | | | | |
|--|--------------------|--|-------|---------------------------|
| | 02/20/18 09:00 CST | | 0.16M | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Record flooding occurred along the Kankakee River. The river crested at 13.65 feet at Dunns Bridge on February 26th, which was the highest crest on record. Flood stage at Dunns Bridge is 10 feet and major stage is 13 feet. The river crested at 14.46 feet near Kouts on February 26th, which was the second highest crest on record. Flood stage near Kouts is 11 feet and major stage is 14 feet. The flooding damaged culverts and levees near the river.

JASPER COUNTY --- 1.3 E COLLEGEVILLE [40.92, -87.11], 7.5 SW RENSSELAER JASPER AR [40.86, -87.27], 5.6 SSW NORTH NEWTON [40.91, -87.27], 0.9 SE RENSSELAER JASPER AR [40.94, -87.17], 1.7 WSW AIX [41.02, -87.18], 1.3 ESE AIX [41.02, -87.13], 3.0 NNW PLEASANT RIDGE [40.97, -87.09]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/20/18 12:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Record flooding occurred along the Iroquois River. The river crested at 17.05 feet at Rensselaer on February 23rd, which was the highest crest on record. Flood stage at Rensselaer is 12 feet and major stage is 15 feet.

NEWTON COUNTY --- 5.4 WSW ADE [40.84, -87.53], 3.4 N EFFNER [40.80, -87.53], 3.5 S BROOK [40.82, -87.38], 0.7 ESE FORESMAN [40.86, -87.27], 2.5 NNE FORESMAN [40.91, -87.27]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/20/18 12:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Major flooding occurred along the Iroquois River. The river crested at 24.35 feet at Foresman on February 22nd, which was the third highest crest on record. Flood stage at Foresman is 18 feet and major stage is 24 feet.

Very heavy rain fell across northwest Indiana on February 19th and February 20th which caused areal flooding across some areas and major flooding on some rivers.

INDIANA, South Central

PERRY COUNTY --- 1.2 NNW TELL CITY [37.97, -86.78], 0.6 NW CANNELTON [37.93, -86.76], 0.7 WNW CANNELTON [37.92, -86.76], 1.1 NW TELL CITY [37.96, -86.78]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/17/18 06:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 EST | | 0 | Source: River/Stream Gage |

The Ohio River at Tell City went into moderate flood stage. The river crested at 49.3 feet which is 11.30 feet above flood stage. The river remained above flood stage at the end of the month.

PERRY COUNTY --- 0.1 S CANNELTON [37.92, -86.75], 1.7 SSE CANNELTON [37.90, -86.73], 1.8 SSE CANNELTON [37.90, -86.74], 0.6 SW CANNELTON [37.91, -86.76]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/19/18 11:45 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 EST | | 0 | Source: River/Stream Gage |

The Ohio River at Cannelton Lock went above Flood Stage (42') on February 19, and exceeded Major Flood Stage (46') from 0330 CST February 23 into March. The river crested at 50.68' at 2045 CST on February 26, which was the highest level since 1997, and the 7th highest stage on record.

Several rounds of heavy rain and snow melt upstream led to significant rises on area rivers in the middle of the month. Portions of the Ohio River went into flood starting in the middle of the month, remaining above flood stage into March.

FLOYD COUNTY --- 4.5 SSE EDWARDSVILLE [38.22, -85.87], 4.9 SSE EDWARDSVILLE [38.21, -85.88], 4.5 S EDWARDSVILLE [38.21, -85.90], 3.6 S EDWARDSVILLE [38.23, -85.90]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 10:38 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 10:38 EST | | 0 | Source: Public |

A few roads closed due to high water and flooding including 5 Mile Lane, 7 Mile Lane, and Blunk Knob Road.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------|
| PERRY COUNTY --- 2.1 S DERBY [38.00, -86.53], 1.3 WSW ROME [37.92, -86.54], 1.2 E DODD [37.92, -86.65], 2.3 W GERALD [38.00, -86.61] | | | | |
| | 02/22/18 11:04 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 11:04 EST | | 0 | Source: Emergency Manager |
| Portions of IN 66 closed due to high water. Numerous other roads closed throughout county due to high water and flooding. | | | | |
| JEFFERSON COUNTY --- 0.8 NW MADISON [38.74, -85.39], 2.0 WNW MADISON [38.74, -85.41], 1.7 E ANTIOCH GRANGE [38.73, -85.44], 1.8 NNE HANOVER BEACH [38.72, -85.43], 0.7 W MADISON [38.73, -85.39] | | | | |
| | 02/23/18 05:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 EST | | 0 | Source: River/Stream Gage |
| The Ohio River at Clifty Creek went into moderate flood stage. The river crested at 457.30 feet on February 26 (6.30' above flood stage), which was the highest crest since 1997 and the 13th highest on record for the location. The river remained above flood stage into March. | | | | |
| FLOYD COUNTY --- 5.1 SSE EDWARDSVILLE [38.21, -85.87], 6.5 S EDWARDSVILLE [38.19, -85.90], 5.9 S EDWARDSVILLE [38.19, -85.90], 4.7 SSE EDWARDSVILLE [38.21, -85.88] | | | | |
| | 02/23/18 10:12 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 10:12 EST | | 0 | Source: Fire Department/Rescue |
| SR 111 is flooded across many areas. | | | | |
| CLARK COUNTY --- 0.9 SW SPEED [38.41, -85.76], 1.4 N ST JOSEPH HILL [38.40, -85.78], 1.5 NW ST JOSEPH HILL [38.39, -85.80], 1.8 NW ST JOSEPH HILL [38.40, -85.80], 0.8 WSW SPEED [38.41, -85.76] | | | | |
| | 02/24/18 00:01 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 00:01 EST | | 0 | Source: State Official |
| High water reported on St. Joe Road in Sellersburg. | | | | |
| CLARK COUNTY --- 0.9 NW OWEN [38.46, -85.54], 1.1 NW OWEN [38.46, -85.54], 1.0 NNW OWEN [38.46, -85.53], 0.8 NNW OWEN [38.46, -85.53] | | | | |
| | 02/24/18 01:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 01:00 EST | | 0 | Source: Law Enforcement |
| Bridge between Bushmans Lake Road and Rivers Edge Marina impassable. | | | | |
| CLARK COUNTY --- 0.7 N HENRYVILLE [38.54, -85.77], 0.5 ENE HENRYVILLE [38.53, -85.76], 1.4 NE HENRYVILLE [38.55, -85.76], 1.3 N HENRYVILLE [38.55, -85.77] | | | | |
| | 02/24/18 21:36 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 21:36 EST | | 0 | Source: Public |
| The public reported flash flooding on US 31 near intersection of Indiana 160 in Henryville. | | | | |
| DUBOIS COUNTY --- HUNTINGBURG [38.30, -86.95], 2.6 NE HUNTINGBURG ARPT [38.27, -86.91], 1.9 NW HUNTINGBURG ARPT [38.27, -86.97], 1.3 W HUNTINGBURG [38.30, -86.97] | | | | |
| | 02/24/18 21:45 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 21:45 EST | | 0 | Source: State Official |
| Numerous roads closed across county due to flash flooding. At its peak, 32 roads were closed across county. | | | | |
| SCOTT COUNTY --- 0.9 NW SCOTTSBURG [38.69, -85.78], 2.4 SSE AUSTIN [38.72, -85.79], 1.3 WSW NEW FRANKFORT [38.72, -85.74], 1.6 E SCOTTSBURG [38.68, -85.74] | | | | |
| | 02/24/18 22:08 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 22:08 EST | | 0 | Source: Public |
| Public reported flash flooding on US 31N, north of Indiana 56 and east of I-65. | | | | |
| CRAWFORD COUNTY --- 0.7 N ENGLISH [38.34, -86.47], 0.8 SSW TEMPLE [38.34, -86.43], 1.0 NNE TEMPLE [38.36, -86.42], 1.7 N ENGLISH [38.35, -86.47] | | | | |
| | 02/24/18 23:49 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:49 EST | | 0 | Source: County Official |
| Highway 37 in English at SR 64 under water. Several other streets in Marengo under water. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------|
| CLARK COUNTY --- 0.7 N SELLERSBURG [38.41, -85.75], 0.7 SSE SELLERSBURG [38.39, -85.74], 0.8 SSW SELLERSBURG [38.39, -85.76], 0.7 WNW SELLERSBURG [38.41, -85.76] | | | | |
| | 02/25/18 00:07 EST | | 50K | Flash Flood (due to Heavy Rain) |
| | 02/25/18 00:07 EST | | 0 | Source: Broadcast Media |
| Water rescues were reported by local media at North Indiana Avenue in Sellersburg. | | | | |

| | | | | |
|--|--------------------|--|---|---------------------------|
| JEFFERSON COUNTY --- 1.4 WNW DEPUTY [38.81, -85.67], 1.4 WNW DEPUTY [38.80, -85.68], 1.2 W DEPUTY [38.80, -85.67], 1.2 WNW DEPUTY [38.80, -85.67] | | | | |
| | 02/25/18 01:47 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 11:15 EST | | 0 | Source: River/Stream Gage |
| The Muscatatuck River at Deputy went into minor flood, cresting at 26.61 feet. This is 1.61 feet above flood stage. | | | | |

| | | | | |
|--|--------------------|--|---|---------------------------|
| WASHINGTON COUNTY --- 0.9 W FREDDRICKSBURG [38.43, -86.20], 0.6 WNW FREDDRICKSBURG [38.43, -86.19], 0.4 NW FREDDRICKSBURG [38.43, -86.19], 0.3 NNW FREDDRICKSBURG [38.43, -86.18], 0.8 W FREDDRICKSBURG [38.43, -86.19] | | | | |
| | 02/25/18 04:09 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 22:40 EST | | 0 | Source: River/Stream Gage |
| The Blue River at Fredericksburg went into minor flood, cresting at 23.24 feet. This is 3.24 feet above flood stage. | | | | |

| | | | | |
|--|--------------------|--|---|---------------------------|
| WASHINGTON COUNTY --- 0.5 W FREDDRICKSBURG [38.43, -86.19], 1.1 WSW FREDDRICKSBURG [38.42, -86.20], 1.2 W FREDDRICKSBURG [38.43, -86.20], 0.9 NW FREDDRICKSBURG [38.44, -86.19] | | | | |
| | 02/25/18 15:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 15:00 EST | | 0 | Source: State Official |
| Dispatch reported road closures on Highway 150. | | | | |

Repeated rounds of moderate to heavy rainfall across the entire Ohio River basin totaled between 8 to 9 inches across southern Indiana from February 15 to February 28. These totals were generally 7+ inches, or 200 to 400% of normal values for mid to late February. The large areal extent of the excessive rainfall led to significant rises on area rivers, including the Ohio River. This resulted in numerous flash flood reports across all of the southern Indiana counties including road closures, road washouts and water rescues.

INDIANA, Southeast

| | | | | |
|--|--------------------|--|---|----------------|
| (IN-Z058) FAYETTE, (IN-Z066) FRANKLIN, (IN-Z073) RIPLEY, (IN-Z074) DEARBORN | | | | |
| | 02/06/18 23:00 EST | | 0 | Winter Weather |
| | 02/07/18 13:00 EST | | 0 | |

| | | | | |
|--|--------------------|--|---|--------------|
| (IN-Z075) OHIO, (IN-Z080) SWITZERLAND | | | | |
| | 02/06/18 23:00 EST | | 0 | Winter Storm |
| | 02/07/18 13:00 EST | | 0 | |

A low pressure system with warm moist air aloft moved through the region producing a wintery mix of freezing rain, sleet, and snowfall.

| | | | | |
|---|--------------------|--|---|----------------|
| (IN-Z073) RIPLEY, (IN-Z074) DEARBORN | | | | |
| | 02/17/18 11:30 EST | | 0 | Winter Weather |
| | 02/17/18 15:00 EST | | 0 | |

A mixed precipitation event quickly changed over to a heavy, wet snowfall over portions of the region.

| | | | | |
|--|--------------------|--|----|------------------------------|
| RIPLEY COUNTY --- 0.9 SE SPADES [39.24, -85.11] | | | | |
| | 02/21/18 04:32 EST | | 2K | Thunderstorm Wind (EG 50 kt) |
| | 02/21/18 04:37 EST | | 0 | Source: Emergency Manager |

A couple of trees were knocked down. A grill was also toppled and a lawn swing was tipped over.

A line of thunderstorms developed ahead of a cold front, which moved through the region during the early morning hours.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------|
| OHIO COUNTY --- 0.3 NNW PATE [38.95, -84.97], 0.4 WNW PATE [38.95, -84.98], 0.4 WNW PATE [38.95, -84.98], 0.1 NNW PATE [38.95, -84.97] | 02/24/18 21:13 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:13 EST | | 0 | Source: Law Enforcement |

Woods Bridge Road was closed at State Route 262 due to high water.

| | | | | |
|---|--------------------|--|---|---------------------------------|
| DEARBORN COUNTY --- AURORA [39.07, -84.90], 1.1 SW LAWRENCEBURG [39.09, -84.86], 0.1 SSE UPLAND [39.13, -84.88], 1.3 NNE WILMINGTON [39.09, -84.94], 1.0 E WILMINGTON [39.07, -84.93] | 02/24/18 21:16 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:16 EST | | 0 | Source: Law Enforcement |

Multiple roads were closed throughout the county due to high water.

| | | | | |
|---|--------------------|--|---|---------------------------------|
| SWITZERLAND COUNTY --- VEVAY [38.75, -85.07], 0.6 N MARKLAND [38.79, -84.98], 1.5 NE CENTER SQUARE [38.84, -85.01], 1.2 W MT STERLING [38.80, -85.10], 0.9 WSW LONG RUN [38.75, -85.14] | 02/24/18 21:19 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:19 EST | | 0 | Source: Law Enforcement |

Multiple roads were closed throughout the county due to high water.

| | | | | |
|---|--------------------|--|---|---------------------------|
| RIPLEY COUNTY --- BATESVILLE [39.30, -85.22], 0.3 S BATESVILLE [39.30, -85.22], 0.3 SW BATESVILLE [39.30, -85.22], 0.2 W BATESVILLE [39.30, -85.22] | 02/24/18 22:03 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 00:03 EST | | 0 | Source: Emergency Manager |

Minor street flooding was reported.

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|---|--------------------|--|----|---------------------------------|
| RIPLEY COUNTY --- 0.9 SW VERSAILLES [39.06, -85.26], 1.0 SSE DABNEY [39.07, -85.34], 2.4 W BENHAM [38.98, -85.29], 1.9 NNE OLEAN [39.01, -85.21], 1.7 NNE ELROD [39.07, -85.16] | 02/24/18 23:25 EST | | 1K | Flash Flood (due to Heavy Rain) |
| | 02/25/18 01:25 EST | | 0 | Source: Law Enforcement |

Multiple roads were closed throughout the county due to high water, specifically a vehicle stuck in high water on U.S. 50.

Strong thunderstorms, with very heavy rainfall, developed ahead of cold front and caused flash flooding.

INDIANA, Southwest

| | | | | |
|--|--------------------|--|---|----------------|
| (IN-Z081) GIBSON, (IN-Z082) PIKE, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK, (IN-Z088) SPENCER | 02/06/18 20:00 CST | | 0 | Winter Weather |
| | 02/07/18 04:00 CST | | 0 | |

A moist 500 mb shortwave trough tracked east from the Plains, causing a surface low pressure center to develop northeast from Texas to the central Appalachians. Widespread wintry precipitation occurred as colder air filtered south on the back side of the low. From one-tenth to two-tenths of an inch of ice glazed surfaces across southwest Indiana. Near the onset of precipitation, a period of sleet was reported. Most of the precipitation fell in the form of freezing rain. The automated observing station at the Evansville airport measured 0.18 inch of ice accretion. Most of the icing was on trees, power lines, and elevated surfaces during the precipitation. After the precipitation ended, temperatures fell through the 20's, causing icy spots to develop even on paved surfaces. Slick roads and motor vehicle accidents were common during the early morning hours. An ambulance was involved in a nine-vehicle crash that occurred in Vanderburgh County. Another crash involved an overturned snow plow. Area schools were closed.

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|---|--------------------|--|-----|---------------------------|
| SPENCER COUNTY --- 2.5 S PUEBLO [37.79, -87.12], 3.5 SSE PUEBLO [37.78, -87.10], 0.8 E GRANDVIEW [37.93, -86.97], 0.8 SE ROCK HILL [37.94, -87.02], 1.0 NW ROCKPORT [37.89, -87.06] | 02/15/18 02:00 CST | | 80K | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Moderate flooding occurred along the Ohio River. The flood crest in neighboring Warrick County was the highest since the March, 1997 flood. Numerous roads were closed for days at a time, including at least 50 county roads. U.S. Route 231 north of Rockport was affected by high water, along with a few other state highways. The town of Grandview in Spencer County was hardest hit, where some residents evacuated.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|-----------|-------------------|---------------------|------------------------|
| WARRICK COUNTY --- NEWBURGH [37.95, -87.42], 0.7 SSE NEWBURGH [37.94, -87.42], 1.4 SSW YANKEETOWN [37.90, -87.31], 0.8 WSW YANKEETOWN [37.92, -87.31] | | | | |

| | | |
|--------------------|-----|---------------------------|
| 02/15/18 02:00 CST | 20K | Flood (due to Heavy Rain) |
| 02/28/18 23:59 CST | 0 | Source: River/Stream Gage |

Moderate flooding occurred along the Ohio River. At the river gage at Newburgh, the river crested at 50.12 feet on the 28th. Flood stage there is 38 feet. This was the highest flood crest at Newburgh since the flood of March, 1997. Just a few families were forced from their homes. Numerous roads were closed for days at a time, mostly county roads. The banks along Newburgh's scenic riverfront were damaged. Indiana Route 662 and Water Street in Newburgh were affected by high water. In eastern Warrick County, backwater from the Ohio River flooded Caney and Little Pigeon Creeks, flooding a few houses.

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|--|--|--|--|--|
| POSEY COUNTY --- MT VERNON [37.93, -87.90], 1.4 SW HOVEY [37.89, -87.95], 3.8 S HOVEY [37.85, -87.93], 1.4 ESE MT VERNON ARPT [37.92, -87.86] | | | | |
|--|--|--|--|--|

| | | |
|--------------------|---|---------------------------|
| 02/16/18 10:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/28/18 23:59 CST | 0 | Source: River/Stream Gage |

The Ohio River rose above flood stage around mid-month and continued rising through the end of the month. There was considerable flooding of low-lying farmland. County roads were underwater. The riverfront park at Mount Vernon was inundated.

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|---|--|--|--|--|
| VANDERBURGH COUNTY --- 1.7 SW EVANSVILLE [37.96, -87.57], 3.2 E CYPRESS [37.92, -87.57], 5.8 SE EVANSVILLE [37.91, -87.48], 4.1 SSE SMYTHE [37.94, -87.46] | | | | |
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| | | |
|--------------------|---|---------------------------|
| 02/20/18 02:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/28/18 23:59 CST | 0 | Source: River/Stream Gage |

The Ohio River rose above flood stage around mid-month and continued rising through the end of the month. Numerous county roads near the river were flooded. An extensive acreage of farmland was inundated.

Several rounds of heavy rain sent the Ohio River above flood stage. February monthly precipitation was 4 to 7 inches above normal, with monthly totals of 8 to 10 inches common. This was greater than 200 percent of normal. This was the wettest February on record at Evansville, with a total of 9.24 inches. The river crested at the highest levels since the March, 1997 flood from Newburgh upriver to Spencer County. From Evansville downriver past the mouth of the Wabash River, the Ohio River continued rising through the end of the month.

| | | | | |
|---|--|--|--|--|
| (IN-Z081) GIBSON, (IN-Z082) PIKE, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK, (IN-Z088) SPENCER | | | | |
|---|--|--|--|--|

| | | |
|--------------------|----|-------------------------|
| 02/15/18 11:00 CST | 6K | Strong Wind (MAX 39 kt) |
| 02/15/18 17:00 CST | 0 | |

Strong southwest winds occurred ahead of a cold front that was dropping southward across Missouri, Illinois, and Indiana. Peak wind gusts were mostly from 40 to 50 mph. The highest gust at the Evansville airport was 45 mph.

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|---|--|--|--|--|
| (IN-Z081) GIBSON, (IN-Z082) PIKE, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK, (IN-Z088) SPENCER | | | | |
|---|--|--|--|--|

| | | |
|--------------------|---|-----------|
| 02/18/18 01:00 CST | 0 | Dense Fog |
| 02/18/18 09:00 CST | 0 | |

The combination of clear skies, light winds, and moist ground from rainfall on the 16th resulted in widespread dense fog over southwest Indiana. High pressure was centered directly over the lower Ohio Valley.

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|--|--|--|--|--|
| GIBSON COUNTY --- HAZLETON [38.48, -87.53], 0.9 NW HAZLETON [38.49, -87.54], 1.8 NNE HAZLETON [38.50, -87.52], 1.3 WSW GIRO [38.49, -87.49] | | | | |
|--|--|--|--|--|

| | | |
|--------------------|---|---------------------------|
| 02/22/18 09:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/28/18 23:59 CST | 0 | Source: River/Stream Gage |

Moderate flooding developed on the White River. People in residential cabins on the riverward side of the levee relocated. Many local roads were completely impassable. Oil fields were inaccessible. Water pumps were installed on the west end of Hazleton, but some street flooding occurred. The river continued rising into March.

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|--|--|--|--|--|
| PIKE COUNTY --- PETERSBURG [38.50, -87.28], 1.4 WNW PETERSBURG [38.51, -87.30], 4.1 NE PETERSBURG [38.54, -87.22], 4.0 NW IVY [38.54, -87.17], 2.1 NE IVY [38.52, -87.09] | | | | |
|--|--|--|--|--|

| | | |
|--------------------|---|---------------------------|
| 02/22/18 11:00 EST | 0 | Flood (due to Heavy Rain) |
| 02/28/18 23:59 EST | 0 | Source: River/Stream Gage |

Moderate flooding developed on the White River. A flood has exceeded this level each year since January, 2004. Evacuations began from river cabins. Livestock were moved. Water reached State Route 257. Extensive flooding of low-lying areas inundated numerous Pike County roads, some by several feet of water. These roads included 750N, 600N, 1000E, 250W, 400W, 675N, 700N, 1000W, 900W, 700W, and 775W. The river continued rising into March.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------|
| GIBSON COUNTY --- EAST MT CARMEL [38.40, -87.73], 1.1 NW EAST MT CARMEL [38.41, -87.74], 2.6 SW SKELTON [38.33, -87.82], 1.1 ESE CAROL [38.32, -87.75] | | | | |
| | 02/24/18 11:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Moderate flooding developed along the Wabash River in the East Mt. Carmel area. Extensive flooding of low-lying agricultural land occurred. Several local roads were flooded, some by several feet of water. The river continued rising into March.

| | | | | |
|--|--------------------|--|---|---------------------------|
| POSEY COUNTY --- 3.8 NNE SAVAH [38.07, -87.96], 2.8 SW NEW HARMONY [38.10, -87.96], 1.2 WSW NEW HARMONY [38.12, -87.95], 0.7 SSW NEW HARMONY [38.12, -87.94], 3.9 NNE SAVAH [38.07, -87.95] | | | | |
| | 02/24/18 11:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Moderate flooding developed along the Wabash River. Floodwaters encroached on parts of northern New Harmony, requiring sandbagging in town. Harmonie State Park was partially inundated and closed. Some stripper oil wells were flooded along the river from New Harmony south. The river was three miles wide at Interstate 64. Considerable flooding of bottomland agricultural land occurred. Some rural county roads were impacted. The river continued rising into March.

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|---|--------------------|--|---|---------------------------|
| GIBSON COUNTY --- PATOKA [38.42, -87.58], 1.4 NE EAST MT CARMEL [38.41, -87.71], 1.2 SE EAST MT CARMEL [38.39, -87.71], 0.8 ENE LYLE [38.37, -87.64], 3.4 NE PRINCETON [38.38, -87.52], 1.4 W WHEELING [38.42, -87.47] | | | | |
| | 02/24/18 19:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Moderate flooding developed on the Patoka River. Flooding affected primarily farmland. Seasonal camping sites closest to the river became inundated. The river continued rising into March.

Several rounds of heavy rain between the 20th and 24th sent rivers above flood stage. February monthly precipitation was 4 to 7 inches above normal, with monthly totals of 8 to 10 inches common. This was greater than 200 percent of normal. This was the wettest February on record at Evansville, with a total of 9.24 inches.

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|---|--------------------|--|----|------------------------------|
| GIBSON COUNTY --- OWENSVILLE [38.27, -87.68] | | | | |
| | 02/24/18 18:55 CST | | 7K | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 18:55 CST | | 0 | Source: Trained Spotter |

Numerous small trees and limbs were blown down in town. A trained spotter estimated winds gusted to at least 60 mph.

| | | | | |
|---|--------------------|--|----|---------------------------------|
| VANDERBURGH COUNTY --- 1.0 E STRINGTOWN [38.03, -87.55], 1.1 WSW SMYTHE [37.99, -87.50], 1.5 SW EVANSVILLE [37.96, -87.57], 0.7 S EVANSVILLE SKYLN ARP [38.01, -87.58] | | | | |
| | 02/24/18 18:55 CST | | 5K | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:00 CST | | 0 | Source: Public |

A high water rescue was conducted due to a vehicle stuck in floodwaters on the north side of the Evansville metro area. Heavy rain caused a sinkhole to open up in the city of Evansville near the downtown area. Widespread rainfall rates around one-half inch per hour occurred on saturated ground.

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|--|--------------------|--|-------|---------------------------------|
| GIBSON COUNTY --- 3.0 SW LYLE [38.34, -87.69], 1.9 W BALDWIN HGTS [38.32, -87.62], 0.2 S OWENSVILLE [38.27, -87.68], 2.2 NE JOHNSON [38.30, -87.72] | | | | |
| | 02/24/18 19:30 CST | | 0.10M | Flash Flood (due to Heavy Rain) |
| | 02/24/18 22:00 CST | | 0 | Source: Trained Spotter |

State Route 65 was washed out near the 25 mile marker north of Owensville. Some gravel roads in the area were washed out.

Very localized flash flooding and isolated minor wind damage occurred across southwest Indiana. A surface low pressure center tracked rapidly north-northeast from Arkansas to the upper Mississippi Valley, dragging a warm front north across southwest Indiana. Instability was adequate for thunderstorms. A very moist air mass resulted in excessive rainfall rates, which produced flash flooding due to the water-logged ground.

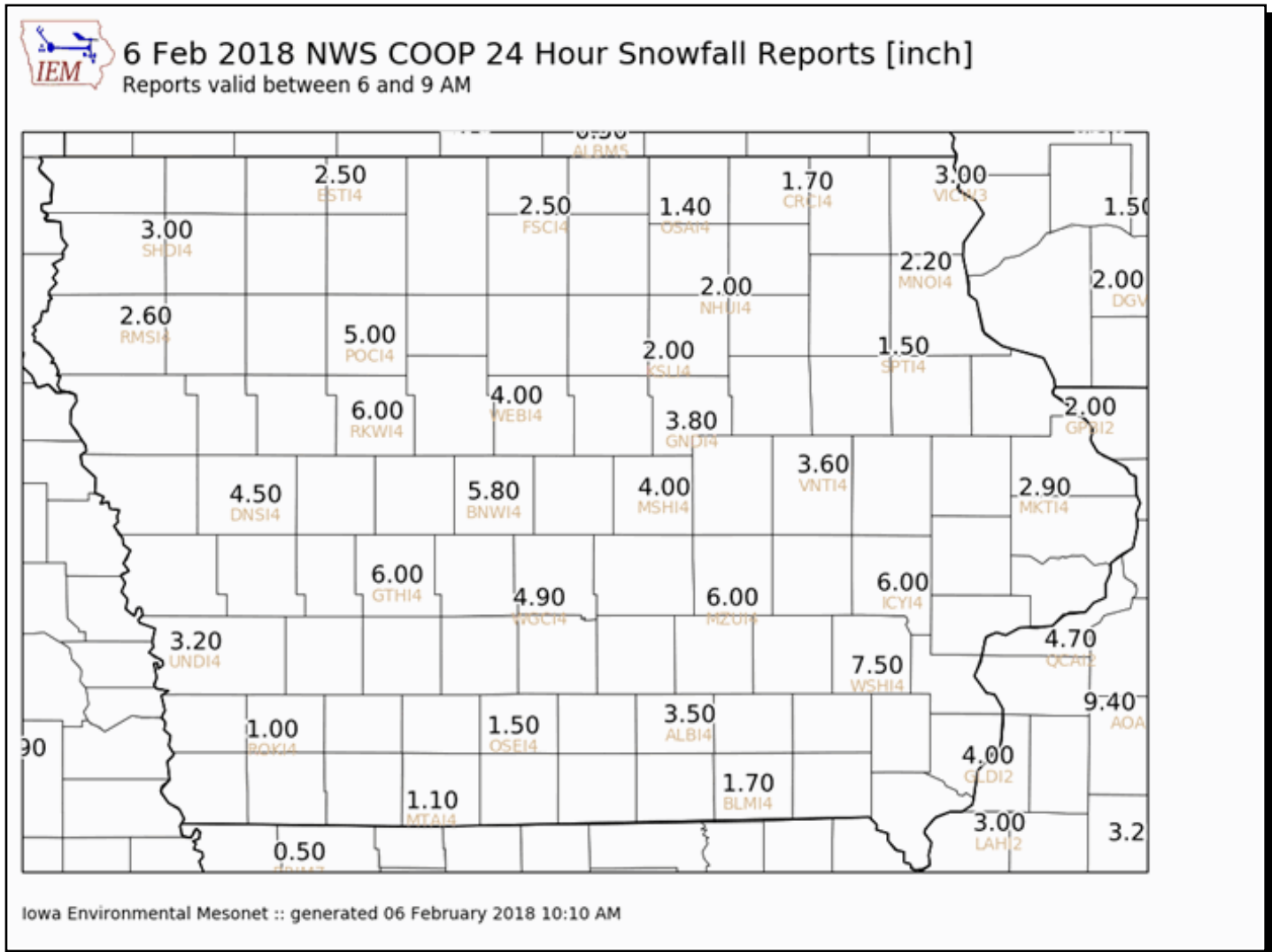
IOWA, Central

(IA-Z023) POCAHONTAS, (IA-Z034) CALHOUN, (IA-Z035) WEBSTER, (IA-Z045) CARROLL, (IA-Z046) GREENE, (IA-Z047) BOONE, (IA-Z048) STORY, (IA-Z059) DALLAS, (IA-Z060) POLK, (IA-Z061) JASPER, (IA-Z062) POWESHIEK, (IA-Z073) WARREN, (IA-Z074) MARION

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/05/18 07:00 CST | | 0 | Winter Storm |
| | 02/05/18 17:00 CST | | 0 | |

A shortwave moving through the mid-upper level flow entered and traversed Iowa from roughly NW to SE throughout the day on the 5th. After quickly saturating the atmosphere, period of moderate to heavy snow fell across large parts of central Iowa. In the end, numerous locations reported receiving between 4 and 7 inches of snowfall.



NWS Coop Snowfall

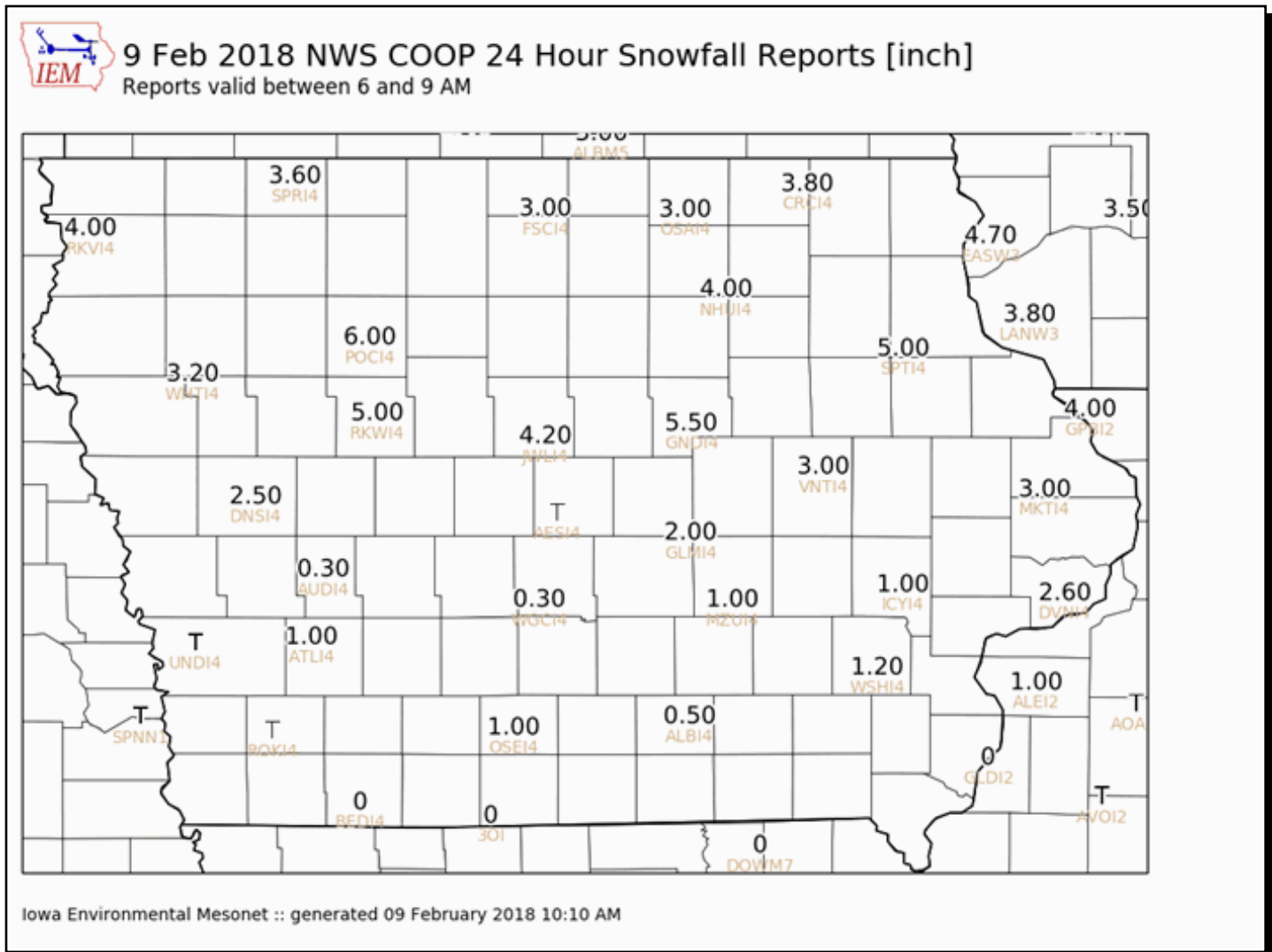
(IA-Z023) POCAHONTAS, (IA-Z024) HUMBOLDT, (IA-Z025) WRIGHT, (IA-Z026) FRANKLIN, (IA-Z027) BUTLER, (IA-Z028) BREMER, (IA-Z033) SAC, (IA-Z034) CALHOUN, (IA-Z035) WEBSTER, (IA-Z036) HAMILTON, (IA-Z037) HARDIN, (IA-Z038) GRUNDY, (IA-Z039) BLACK HAWK

| | | |
|--------------------|---|--------------|
| 02/08/18 15:00 CST | 0 | Winter Storm |
| 02/09/18 06:00 CST | 0 | |

A relatively stationary surface front set up just south of the Iowa-Missouri border and remained as such into the early morning hours before high pressure ushered the front southward. Above the surface, the 850 mb front was situated further north into Iowa, setting up good isentropic lift. Additionally, slantwise instability and a shortwave moving through the mid-upper level flow provided an additional boost to lift. In all snowfall fell across much of the state from just north of I-80 to the Minnesota border. The heaviest amounts resided roughly between the Highway 20 and 30 corridors where as much as around 10 inches fell.

Storm Data and Unusual Weather Phenomena - February 2018

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



[NWS Coop Snowfall](#)

(IA-Z083) CLARKE

| | | |
|--------------------|---|--------------|
| 02/09/18 20:00 CST | 0 | Winter Storm |
| 02/10/18 07:00 CST | 0 | |

Quickly on the heels of a sizable snowstorm across central and northern Iowa, another shortwave quickly moved through the mid and upper level flow. While low level support was tough to come by with cold air advection on going, the shortwave was coincident with a saturated dendritic growth zone that resulted in widespread light to moderate snowfall, including a couple localized 6 to 7 inch reports.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|-------------------------|--------------------|-------------------|---------------------|------------------------|
| (IA-Z076) KEOKUK | | | | |
| | 02/10/18 00:00 CST | | 0 | Heavy Snow |
| | 02/10/18 10:00 CST | | 0 | |

Another upper level storm system tracked east across the Plains and into Iowa the morning of February 10th, bringing snow to portions of eastern Iowa and northwest Illinois. Snow covered roads and reduced visibilities were seen as the snow fell between midnight and 10 am. Snowfall totals between 1 and 4 inches were common, with a few locally higher amounts in Keokuk County.

IOWA, Northeast

| | | | | |
|-----------------------------|--------------------|--|----|----------------|
| (IA-Z010) WINNESHIEK | | | | |
| | 02/03/18 13:20 CST | | 4K | Winter Weather |
| | 02/03/18 22:20 CST | | 0 | |

Two sisters were killed in a two vehicle accident north of Decorah (Winneshiek County) on February 5th. Roads were still partially snow covered from snow that fell two days earlier on February 3rd. The driver of one vehicle lost control on the slippery roads, crossed the center line and was sliding sideways when struck by the second vehicle. The two sisters that were killed were in the first vehicle.

| | | | | |
|---|--------------------|--|---|--------------|
| (IA-Z029) FAYETTE, (IA-Z030) CLAYTON | | | | |
| | 02/08/18 14:20 CST | | 0 | Winter Storm |
| | 02/09/18 06:00 CST | | 0 | |

Heavy snow fell on parts of northeast Iowa from February 8th into the 9th as a storm system moved across the Midwest. The snow created hazardous driving conditions that prompted most schools to close on the 9th. Snowfall totals were generally in the 5 to 6 inch range with the highest reported total being 6.5 inches near Volga (Clayton County).

| | | | | |
|--|--------------------|--|-------|----------------|
| (IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON | | | | |
| | 02/19/18 07:00 CST | | 5.80K | Winter Weather |
| | 02/20/18 12:10 CST | | 0 | |

A prolonged period of freezing drizzle and freezing rain on February 19th and 20th produced a coating of ice on untreated surfaces across northeast Iowa. The precipitation fell with temperatures below freezing as a slow moving area of low pressure moved from the Missouri River Valley toward the Great Lakes. Ice accumulations up to a tenth of an inch were reported in several locations and most schools were either closed or delayed on the 20th.

IOWA, Northwest

| | | | | |
|---|--------------------|--|---|-----------------|
| (IA-Z002) OSCEOLA, (IA-Z003) DICKINSON, (IA-Z014) CLAY | | | | |
| | 02/04/18 03:00 CST | | 0 | Cold/Wind Chill |
| | 02/04/18 12:00 CST | | 0 | |

Arctic air surged southward early on February 4th on gusty northerly winds of 20 to 35 mph. Dangerous wind chills reached -25 to -35.

| | | | | |
|---|--------------------|--|---|----------------|
| (IA-Z001) LYON, (IA-Z002) OSCEOLA, (IA-Z003) DICKINSON, (IA-Z012) SIOUX, (IA-Z013) O'BRIEN, (IA-Z014) CLAY, (IA-Z020) PLYMOUTH, (IA-Z021) CHEROKEE, (IA-Z022) BUENA VISTA, (IA-Z031) WOODBURY, (IA-Z032) IDA | | | | |
| | 02/05/18 06:00 CST | | 0 | Winter Weather |
| | 02/05/18 13:00 CST | | 0 | |

A disturbance rotating around a large Canadian upper vortex brought a period of enhanced frontogenetic forcing through the Missouri River valley and eastward across northwest Iowa and far southern Minnesota. Snowfall averaged from 2 to 5 inches.

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|---|--------------------|--|---|----------------|
| (IA-Z001) LYON, (IA-Z002) OSCEOLA, (IA-Z003) DICKINSON, (IA-Z012) SIOUX, (IA-Z013) O'BRIEN, (IA-Z014) CLAY, (IA-Z020) PLYMOUTH, (IA-Z021) CHEROKEE, (IA-Z022) BUENA VISTA, (IA-Z031) WOODBURY, (IA-Z032) IDA | | | | |
| | 02/08/18 10:00 CST | | 0 | Winter Weather |
| | 02/09/18 01:00 CST | | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

Another in a series of Alberta clipper systems moving across the plains left behind a swath of light to moderate snow accumulations across northeast Nebraska. Much of the area received from 3 to 6 inches snowfall, while wind chills dropped to around zero by the end of the time of snowfall.

(IA-Z001) LYON, (IA-Z002) OSCEOLA, (IA-Z003) DICKINSON, (IA-Z012) SIOUX, (IA-Z013) O'BRIEN, (IA-Z014) CLAY, (IA-Z020) PLYMOUTH, (IA-Z021) CHEROKEE, (IA-Z022) BUENA VISTA, (IA-Z031) WOODBURY, (IA-Z032) IDA

| | | |
|--------------------|---|----------------|
| 02/19/18 03:00 CST | 0 | Winter Weather |
| 02/20/18 04:00 CST | 0 | |

With shallow cold air in place, warm advection associated with a weak wave of low pressure moving northeast from Kansas to Wisconsin produced a shield of light precipitation across northwest Iowa. While most precipitation was in the form of light freezing rain and freezing drizzle on February 19 which resulted in a 0.05 to 0.20 inch ice accumulation, a second round of precipitation early on February 20 brought a dusting of less than an inch of snow which coated the ice and produced hazardous travel conditions. For the two day period, school delays were common for those not already out for the Washington's Birthday holiday.

(IA-Z001) LYON, (IA-Z002) OSCEOLA, (IA-Z003) DICKINSON, (IA-Z012) SIOUX, (IA-Z013) O'BRIEN, (IA-Z014) CLAY, (IA-Z020) PLYMOUTH, (IA-Z021) CHEROKEE, (IA-Z022) BUENA VISTA, (IA-Z031) WOODBURY, (IA-Z032) IDA

| | | |
|--------------------|---|----------------|
| 02/22/18 13:00 CST | 0 | Winter Weather |
| 02/23/18 00:00 CST | 0 | |

A second disturbance in three days traversed the deep western trough, and the associated jet streak produced another area of snowfall across northwest Iowa. Intensity waned for a short time in the afternoon and early evening, allowing a brief change to light freezing drizzle. Snowfall varied from 1 to 5 inches, with greatest amounts closer to the Minnesota border.

(IA-Z001) LYON, (IA-Z002) OSCEOLA, (IA-Z003) DICKINSON, (IA-Z012) SIOUX, (IA-Z013) O'BRIEN, (IA-Z014) CLAY, (IA-Z020) PLYMOUTH, (IA-Z021) CHEROKEE, (IA-Z022) BUENA VISTA, (IA-Z031) WOODBURY, (IA-Z032) IDA

| | | |
|--------------------|---|----------------|
| 02/24/18 08:00 CST | 0 | Winter Weather |
| 02/24/18 19:00 CST | 0 | |

Ejection of the main upper level wave (which had already steered a pair of snow producing systems across the area during the prior week) brought yet another light to moderate snowfall over northwest Iowa, southeast South Dakota, northeast Nebraska and southwest Minnesota. While it generally snowed for five to eight hours at most across northwest Iowa, a majority of that time found visibility of a mile or less. Snowfall amounts 2 to 5 inches were common, with around an inch or less from the lower Missouri River valley eastward toward Storm Lake. Roads rapidly became snow-covered and hazardous due to the snowfall rate.

IOWA, Southwest

(IA-Z055) HARRISON, (IA-Z069) POTTAWATTAMIE

| | | |
|--------------------|---|----------------|
| 02/05/18 06:00 CST | 0 | Winter Weather |
| 02/05/18 16:00 CST | 0 | |

An upper level weather system moved across eastern Nebraska and produced a fairly narrow band of moderate snowfall on February of 1 to 5 inches of snow from Saline and Seward Counties in Nebraska to Harrison County and Pottawattamie Counties in Iowa. The heaviest amounts included 2.7 inches at 68th and Dodge in Omaha, 3 inches west of Oakland, 4 inches at Scribner, NE, and 5 inches southwest of Dunlap, IA.

(IA-Z055) HARRISON, (IA-Z090) FREMONT

| | | |
|--------------------|---|----------------|
| 02/22/18 00:00 CST | 0 | Winter Weather |
| 02/22/18 08:00 CST | 0 | |

Another upper level weather system produced light to moderate snowfall in eastern Nebraska and southwest Iowa. Snowfall amounts with this storm were generally 1-3 inches.

KANSAS, North Central

(KS-Z006) SMITH, (KS-Z007) JEWELL

| | | |
|--------------------|---|----------------|
| 02/04/18 04:30 CST | 0 | Winter Weather |
| 02/04/18 12:00 CST | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

Although not a "major storm" by any means, this Sunday morning featured a quick-hitting burst of fluffy, wind-driven snow that roughly doubled accumulation expectations across portions of North Central Kansas, especially within Jewell and Smith counties where 2-4" was common. According to reports from official NWS cooperative observers, some of the highest totals in the local six-county area featured: 4.0" at Burr Oak, 3.0" at Jewell and Lebanon, and 2.6" at Smith Center. Although even these totals were relatively modest by Central Plains standards, this event packed somewhat of a punch given sustained north winds generally 20-25 MPH/gusts 30+ MPH, resulting in some drifting and at least brief visibility reductions to one-half mile or less.

As for timing, the vast majority of accumulating snow fell between 5AM-Noon, gradually ending from north-to-south. Forcing-wise, this event was driven by a classic case of pronounced mid-level frontogenesis, trailing well-behind a strong surface cold front that passed through during the preceding 24 hours. On the larger scale, a broad shortwave trough tracked southeast from the Northern Rockies/Dakotas into the Midwest over the course of Feb. 4th. Locally, this snow event was accompanied by a very cold airmass featuring surface temperatures mainly in the single digits to around 10 degrees F, and wind chill values ranging from -5 to -15 F.

| | | | | |
|---|--------------------|---|--|----------------|
| (KS-Z005) PHILLIPS, (KS-Z006) SMITH, (KS-Z007) JEWELL, (KS-Z017) ROOKS, (KS-Z018) OSBORNE, (KS-Z019) MITCHELL | | | | |
| | 02/10/18 13:00 CST | 0 | | Winter Weather |
| | 02/11/18 00:30 CST | 0 | | |

On the afternoon and evening hours of Saturday the 10th, most of this six-county North Central Kansas area saw Advisory-level snow accumulation of 2-4", although north winds that only averaged 10-15 MPH kept impacts to a relative minimum. According to reports from official NWS cooperative observers, some of the highest totals featured: 4" in Logan, 3.2" at Smith Center and Lebanon, and 3" at Kirwin Dam.

As for timing, most of the area received the majority of snow between 3-10 PM. However, it started accumulating as early as 1 PM in the Phillips County area, and lingered until around midnight in and near Mitchell County. Aloft, a large-scale, broad trough was translating through the central United States along with a series of upper jet streaks. This setup yielded a concentrated swath of mid-level frontogenesis, which in turn promoted a fairly narrow, west-east oriented snow band that dropped the majority of accumulation. At the surface, this was certainly a "cold snow" with temperatures only averaging around 10 F. The relatively light winds were promoted by a nearby high pressure center in northeast Nebraska (roughly 1026 millibars).

KANSAS, Northeast

| | | | | |
|--|--------------------|---|--|-----------|
| (KS-Z057) MIAMI, (KS-Z060) LINN, (KS-Z103) LEAVENWORTH, (KS-Z104) WYANDOTTE, (KS-Z105) JOHNSON | | | | |
| | 02/20/18 07:00 CST | 0 | | Ice Storm |
| | 02/20/18 13:00 CST | 0 | | |

Through the day on February 20, 2018 numerous accidents occurred as a result of widespread accumulating ice. Patchy freezing drizzle started as early as midnight on the morning of February 20, but the heavier rain fell through the morning and early afternoon hours. Numerous powerlines and trees sustained some damage from the accumulation of 1/8 to 1/3 inch of ice across a widespread area, including the Kansas City metro area.

KANSAS, Northwest

| | | | | |
|--------------------|--------------------|---|--|------------|
| (KS-Z001) CHEYENNE | | | | |
| | 02/06/18 00:00 CST | 0 | | Heavy Snow |
| | 02/06/18 10:30 CST | 0 | | |

During the night heavy snowfall developed over Cheyenne County in Northwest Kansas, lasting into the morning. Snowfall rates of more than an inch an hour occurred.

KANSAS, Southeast

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|--|--------------------|---|--|---------|
| (KS-Z032) RUSSELL, (KS-Z047) BARTON, (KS-Z048) ELLSWORTH, (KS-Z049) SALINE, (KS-Z050) RICE, (KS-Z051) MCPHERSON, (KS-Z052) MARION, (KS-Z067) RENO, (KS-Z068) HARVEY, (KS-Z069) BUTLER, (KS-Z082) KINGMAN, (KS-Z083) SEDGWICK, (KS-Z091) HARPER, (KS-Z092) SUMNER, (KS-Z093) COWLEY | | | | |
| | 02/01/18 00:00 CST | 0 | | Drought |
| | 02/28/18 23:59 CST | 0 | | |

Storm Data and Unusual Weather Phenomena - February 2018

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

Very little rainfall fell during the winter months with very little snowfall as well. This led to severe drought conditions creeping into portions of south central Kansas during the month of February 2018. The severe drought conditions worsened during the month, spreading north of Highway 50 and east to the Kansas Turnpike.

| | | | | |
|--|--------------------|---|---|----------------|
| (KS-Z032) RUSSELL, (KS-Z033) LINCOLN, (KS-Z051) MCPHERSON, (KS-Z072) ALLEN, (KS-Z094) ELK, (KS-Z095) WILSON, (KS-Z096) NEOSHO | 02/04/18 12:00 CST | 0 | 0 | Winter Weather |
| | 02/04/18 16:44 CST | 0 | 0 | |

A mid level disturbance moved across the plain on during the daytime hours on February 4th, 2018. As the system moved across across portions of central Kansas, a band of light snow moved southeast across portions of central Kansas into southeast Kansas. Snowfall amounts around one inch caused slippery conditions.

| | | | | |
|---|--------------------|---|---|----------------|
| (KS-Z072) ALLEN, (KS-Z095) WILSON, (KS-Z099) MONTGOMERY, (KS-Z100) LABETTE | 02/10/18 03:00 CST | 0 | 0 | Winter Weather |
| | 02/10/18 21:50 CST | 0 | 0 | |

A shallow cold front pushed south into southeast Kansas during the early morning hours of February 10th, 2018. As the front pushed south, low level moisture saturation increased enough for light freezing drizzle to develop as temperatures fell below freezing. The light freezing drizzle led to very slick roadways across most of the Flint Hills and southeast Kansas during the morning hours and again in the evening hours.

| | | | | |
|--|--------------------|---|---|----------------|
| (KS-Z067) RENO, (KS-Z068) HARVEY, (KS-Z072) ALLEN, (KS-Z082) KINGMAN, (KS-Z083) SEDGWICK, (KS-Z095) WILSON, (KS-Z099) MONTGOMERY, (KS-Z100) LABETTE | 02/19/18 22:15 CST | 0 | 0 | Winter Weather |
| | 02/22/18 20:00 CST | 0 | 0 | |

A strong upper-deck wave pushed a strong cold front across Kansas throughout the night and early morning of the 19th and 20th. The result was that widespread sleet and freezing rain occurred across all of the WFO Wichita County Warning Area with most of the adverse winter weather occurring on the 20th.

| | | | | |
|--|--------------------|---|---|----------------|
| (KS-Z051) MCPHERSON, (KS-Z052) MARION, (KS-Z067) RENO, (KS-Z092) SUMNER | 02/21/18 20:23 CST | 0 | 0 | Winter Weather |
| | 02/22/18 12:00 CST | 0 | 0 | |

| | | | | |
|-------------------------|--------------------|---|---|-------|
| (KS-Z068) HARVEY | 02/22/18 08:08 CST | 0 | 0 | Sleet |
| | 02/22/18 12:00 CST | 0 | 0 | |

A large area of low pressure that covered the Southern Plains interacted with Canadian High Pressure to cause widespread light freezing rain and freezing drizzle that was occasionally mixed with sleet. Although most areas only received a light glazing, there were exceptions. Nearly 1/4 inch of glaze was reported in Marion (0.20 inch) while Newton received 1 inch of sleet.

KANSAS, Southwest

| | | | | |
|--|--------------------|---|---|----------------|
| (KS-Z043) SCOTT, (KS-Z044) LANE, (KS-Z045) NESS, (KS-Z046) RUSH, (KS-Z063) FINNEY | 02/05/18 22:00 CST | 0 | 0 | Winter Weather |
| | 02/06/18 08:00 CST | 0 | 0 | |

An upper level system moved across a moderately unstable atmosphere and produced widespread snow across much of the area. The heaviest amounts were north of highway 50 and along and west of highway 283.

| | | | | |
|-----------------------|--------------------|---|---|-----------------------|
| (KS-Z078) FORD | 02/18/18 20:55 CST | 0 | 0 | High Wind (MAX 52 kt) |
| | 02/18/18 20:55 CST | 0 | 0 | |

A cold front swept across the region and there were a few high wind gusts reported behind the front.

Storm Data and Unusual Weather Phenomena - February 2018

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

KENTUCKY, Central

WARREN COUNTY --- 1.2 N MASSEYS MILL [36.90, -86.38], 1.0 N MASSEYS MILL [36.89, -86.38], 1.0 N MASSEYS MILL [36.89, -86.38], 1.1 N MASSEYS MILL [36.90, -86.38]

| | | |
|--------------------|---|---------------------------|
| 02/11/18 01:39 CST | 0 | Flood (due to Heavy Rain) |
| 02/11/18 18:36 CST | 0 | Source: River/Stream Gage |

Drakes Creek near Alvaton went into minor flood. The river crested at 25.55 feet which is 1.55 feet above flood stage.

METCALFE COUNTY --- 0.8 ENE KNOB LICK [37.08, -85.67], 2.0 ENE BEECHVILLE [37.08, -85.59], 0.8 NE COFER [36.96, -85.47], 2.8 NNE WILLOW SHADE [36.89, -85.58], 1.1 SE SUMMER SHADE [36.87, -85.69]

| | | |
|--------------------|-------|---------------------------|
| 02/11/18 12:00 CST | 0.20M | Flood (due to Heavy Rain) |
| 02/11/18 23:00 CST | 0 | Source: Emergency Manager |

Heavy rain resulted in numerous sinkholes, several bank erosions, and road washouts across Metcalfe County, resulting in nearly \$170,000 damage to public infrastructure alone, with bridge and roadway washouts.

BUTLER COUNTY --- 1.0 ENE WOODBURY [37.19, -86.63], 1.1 E WOODBURY [37.18, -86.63], 1.3 E WOODBURY [37.18, -86.63], 1.2 ENE WOODBURY [37.19, -86.63]

| | | |
|--------------------|---|---------------------------|
| 02/12/18 20:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/14/18 15:00 CST | 0 | Source: River/Stream Gage |

The Green River at Woodbury went into minor flood. The river crested at 29.64 feet, which is 3.64 feet above flood stage.

OHIO COUNTY --- 4.0 SSE WYSOX [37.22, -86.90], 4.2 SSE WYSOX [37.21, -86.89], 4.1 SSE WYSOX [37.22, -86.88], 3.8 SSE WYSOX [37.22, -86.89]

| | | |
|--------------------|---|---------------------------|
| 02/13/18 12:42 CST | 0 | Flood (due to Heavy Rain) |
| 02/14/18 13:32 CST | 0 | Source: River/Stream Gage |

The Green River at Rochester went into minor flood. The river crested at 17.3 feet which is 0.30 feet above flood stage.

Several rounds of heavy rainfall and snow melt upstream led to rises on area rivers in the Green River basin.

JEFFERSON COUNTY --- 3.1 N LOUISVILLE [38.28, -85.79], 3.9 N LOUISVILLE [38.29, -85.78], 2.8 NE LOUISVILLE [38.26, -85.75], 1.8 NW INDIAN HILLS [38.30, -85.67], 0.9 NW HARRODS CREEK [38.34, -85.64], 1.5 NW INDIAN HILLS [38.30, -85.67], 3.1 NE LOUISVILLE [38.26, -85.74], 2.1 NNE LOUISVILLE [38.26, -85.76]

| | | |
|--------------------|---|------------------------------|
| 02/19/18 15:00 EST | 0 | Flood (due to Heavy Rain) |
| 02/28/18 23:59 EST | 0 | Source: Other Federal Agency |

The gauge at McAlpine Upper reached the 23' Flood Stage at 1500 EST on February 19. It exceeded the 30' Moderate Flood Stage between 1345 EST on February 23 and continued in Moderate Flood into March. The river crested at 35.64' on February 26th, it's highest mark since 1997, and the 10th highest stage on record for the location.

JEFFERSON COUNTY --- 4.0 N LOUISVILLE [38.29, -85.78], 3.3 N LOUISVILLE [38.28, -85.79], 3.9 NNW LOUISVILLE [38.28, -85.82], 3.3 N ST DENNIS [38.27, -85.83], 4.0 N ST DENNIS [38.28, -85.83], 4.2 NNW LOUISVILLE [38.28, -85.82]

| | | |
|--------------------|---|------------------------------|
| 02/20/18 07:00 EST | 0 | Flood (due to Heavy Rain) |
| 02/28/18 23:59 EST | 0 | Source: Other Federal Agency |

The gauge at McAlpine Lower reached the 55' Flood Stage a 0700 EST on February 20. It exceeded the 65' Moderate Flood Stage between 0415 EST on February 25 and 0415 EST on February 28, having crested at 67.13' on February 26, making it the 12th highest crest on record. The gauge remained above flood into March.

Several rounds of heavy rain and snow melt upstream led to significant rises on area rivers in the middle of the month. Portions of the Ohio River went into flood starting in the middle of the month, remaining above flood stage into March.

HARDIN COUNTY --- WEST PT [38.00, -85.95], 1.6 SSE WEST PT [37.98, -85.94], 2.7 E WEST PT [38.00, -85.90], 1.6 NE WEST PT [38.01, -85.93]

| | | |
|--------------------|-------|---------------------------|
| 02/22/18 00:00 EST | 1.25M | Flood (due to Heavy Rain) |
| 02/24/18 00:00 EST | 0 | Source: Emergency Manager |

Many areas in and around West Point experienced significant river and areal flooding due to excessive rainfall. Multiple roads were washed out, eroded or severely flooded. Many bridges had cracks or broken joints.

FAYETTE COUNTY --- 0.9 SW DONERAIL [38.14, -84.54], 1.3 S DONERAIL [38.13, -84.53], 1.0 S DONERAIL [38.14, -84.53], 0.4 SW DONERAIL [38.15, -84.54]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/22/18 05:34 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 05:34 EST | | 0 | Source: Broadcast Media |

Local media reported Georgetown Road shut down between Iron Works Pike and Berea Road due to flooding.

NELSON COUNTY --- 2.1 NNE WOODLAWN [37.85, -85.36], 2.7 NE WOODLAWN [37.85, -85.33], 0.8 SSE BLOOMFIELD [37.89, -85.32], 2.0 SSE FAIRFIELD [37.90, -85.36]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 06:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 06:00 EST | | 0 | Source: Emergency Manager |

Significant flooding occurred on portions of Highway 62 and 162 west of Bloomfield. Schools operated on a 2 hour delay until flood waters could recede.

NICHOLAS COUNTY --- 2.9 WSW ABNER [38.44, -84.00], 2.4 SW ABNER [38.43, -83.99], 2.8 SW ABNER [38.42, -83.98], 2.2 ENE OAKLAND MILLS [38.42, -84.00], 2.4 NE OAKLAND MILLS [38.43, -84.00]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 07:24 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 06:40 EST | | 0 | Source: River/Stream Gage |

The Licking River at Blue Licks Spring went into minor flood. The river crested at 28.9 feet which is 3.40 feet above flood stage.

WASHINGTON COUNTY --- 0.7 S VALLEY HILL [37.74, -85.27], 2.0 SSW VALLEY HILL [37.72, -85.29], 1.9 SW VALLEY HILL [37.73, -85.30], 0.5 SW VALLEY HILL [37.75, -85.28]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 09:58 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 09:58 EST | | 0 | Source: Emergency Manager |

Numerous roads closed across county due to high water.

ANDERSON COUNTY --- 2.3 SSW AVENSTOKE [38.09, -85.02], 3.0 NE GEE [38.08, -85.02], 2.8 NNE GEE [38.09, -85.05], 3.0 SW AVENSTOKE [38.09, -85.04]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 10:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 10:00 EST | | 0 | Source: Public |

The public reported water over the roadway on Benson Creek Road.

GRAYSON COUNTY --- 0.6 E CANEYVILLE [37.42, -86.49], 1.2 ENE CANEYVILLE [37.43, -86.48], 0.8 NNW CANEYVILLE [37.43, -86.51], 0.5 WNW CANEYVILLE [37.42, -86.51]

| | | | | |
|--|--------------------|--|-------|---------------------------|
| | 02/22/18 10:01 CST | | 0.25M | Flood (due to Heavy Rain) |
| | 02/22/18 10:01 CST | | 0 | Source: Public |

The public reported Caney Creek was out of its bank. In addition there were several reports of road washouts, slippage, erosion, and broken pavement due to flooded roads and high water.

HANCOCK COUNTY --- HAWESVILLE [37.90, -86.75], 0.7 NW HAWESVILLE [37.91, -86.76], 0.7 NNW HAWESVILLE [37.91, -86.76], 0.2 NE HAWESVILLE [37.90, -86.75]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 10:06 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 10:06 CST | | 0 | Source: Emergency Manager |

Emergency Manager reported flood gates were installed at the Hawesville Boat ramp on Jefferson Street.

FRANKLIN COUNTY --- 2.5 S PEAKS MILL [38.26, -84.82], 0.2 E PEAKS MILL [38.30, -84.82], 0.7 E PEAKS MILL [38.30, -84.81], 2.4 SSE PEAKS MILL [38.27, -84.81]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 10:27 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/26/18 02:48 EST | | 0 | Source: River/Stream Gage |

The Elkhorn Creek at Peaks Mill went into moderate flood. The river crested at 13.05 feet which was 3.05 feet above flood stage on February 23.

OHIO COUNTY --- 1.0 NNE DUNDEE [37.56, -86.77], 0.9 NE DUNDEE [37.56, -86.77], 1.1 NE DUNDEE [37.56, -86.77], 1.1 NNE DUNDEE [37.56, -86.77]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 10:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/27/18 11:00 CST | | 0 | Source: River/Stream Gage |

The Rough River at Dundee went into moderate flood stage. The river crested at 28.22 feet on February 25, which is 3.22 feet above flood stage. The river fell below flood stage on the 27th.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|--------------------------------|
| JEFFERSON COUNTY --- 0.5 W RICHLAWN [38.25, -85.61], 0.3 SSW RICHLAWN [38.25, -85.60], 0.1 SE RICHLAWN [38.25, -85.60], 0.5 WNW RICHLAWN [38.25, -85.61] | | | | |
| | 02/22/18 10:42 EST | | 0.10M | Flood (due to Heavy Rain) |
| | 02/22/18 10:42 EST | | 0 | Source: Public |
| Middle fork branch of Beargrass Creek rose out its bank and onto the roadway at Oxmoor Mall. Road damages included erosion and broken pavement. | | | | |
| TRIMBLE COUNTY --- 4.4 W MILTON [38.71, -85.45], 5.3 NW TROUT [38.69, -85.46], 6.1 WSW MILTON [38.69, -85.48], 5.7 W MILTON [38.72, -85.48] | | | | |
| | 02/22/18 10:58 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 10:58 EST | | 0 | Source: Public |
| The public reported flooding across access road to Hanover Beach community due to flooding. | | | | |
| BOURBON COUNTY --- 1.2 SSE PARIS [38.20, -84.24], 1.8 SSE PARIS [38.20, -84.24], 1.9 SSE PARIS [38.20, -84.23], 1.2 SE PARIS [38.21, -84.24] | | | | |
| | 02/22/18 11:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 04:01 EST | | 0 | Source: River/Stream Gage |
| The Stoner Creek at Paris went into minor flood. The river crested at 18.88 on February 22, which is 0.88 feet above flood stage. | | | | |
| SCOTT COUNTY --- 1.8 NE PAYNES DEPOT [38.17, -84.60], 0.6 ESE PAYNES DEPOT [38.15, -84.61], 0.3 NW PAYNES DEPOT [38.15, -84.62], 2.0 NNE PAYNES DEPOT [38.18, -84.61] | | | | |
| | 02/22/18 11:13 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 11:13 EST | | 0 | Source: Public |
| The public reported US 62 between Cane Run and I-64 experienced high water, including flooded fields. | | | | |
| BULLITT COUNTY --- 1.5 NNE STIBBINS [38.04, -85.87], 1.3 NE MT WASHINGTON [38.06, -85.54], 0.8 WNW SOLITUDE [37.97, -85.54], 2.8 SSW LOTUS [37.88, -85.61], 2.4 ESE BELMONT [37.87, -85.68] | | | | |
| | 02/22/18 11:19 EST | | 0.28M | Flood (due to Heavy Rain) |
| | 02/22/18 11:19 EST | | 0 | Source: Department of Highways |
| Department of Highways reported numerous road closures in Bullitt County due to high water and mud slides. | | | | |
| JEFFERSON COUNTY --- 2.8 WSW INDIAN HILLS [38.27, -85.70], 3.0 W INDIAN HILLS [38.28, -85.71], 3.4 NW HIGHLANDS [38.27, -85.72], 2.9 NW HIGHLANDS [38.26, -85.71] | | | | |
| | 02/22/18 12:23 EST | | 0.40M | Flood (due to Heavy Rain) |
| | 02/22/18 12:23 EST | | 0 | Source: Public |
| High water from significant backwater flooding closed River Road around Zorn Avenue and Frankfort Avenue near River Road. Cherokee Park also experienced extensive flooding. Road damage included erosion, washout, broken pavement, and mudslides. | | | | |
| BUTLER COUNTY --- 1.1 NE WOODBURY [37.19, -86.63], 1.3 E WOODBURY [37.18, -86.63], 1.4 E WOODBURY [37.18, -86.62], 1.3 ENE WOODBURY [37.19, -86.63] | | | | |
| | 02/22/18 13:39 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 23:59 CST | | 0 | Source: River/Stream Gage |
| The Green River at Woodbury went into minor flood. The river crested on February 26 at 33.59 feet which is 7.59 feet above flood stage. The river remained above flood stage through the end of the month. | | | | |
| BOURBON COUNTY --- 2.6 ENE JACKSONVILLE [38.29, -84.33], 1.8 ENE JACKSONVILLE [38.28, -84.34], 1.9 W KISERTON [38.29, -84.31], 2.2 WNW KISERTON [38.29, -84.32] | | | | |
| | 02/22/18 15:02 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 15:02 EST | | 0 | Source: Public |
| The public reported 3 to 4 feet of high water covering Townsend Valley Road. | | | | |
| TRIMBLE COUNTY --- MILTON [38.72, -85.37], 1.3 S MILTON [38.70, -85.37], 1.4 WSW MILTON [38.71, -85.39], 0.8 WNW MILTON [38.73, -85.38] | | | | |
| | 02/22/18 17:38 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 17:38 EST | | 0 | Source: Emergency Manager |

The Trimble County emergency manager reported numerous road closures in the Milton area due to high water.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|--------------------------------|
| BUTLER COUNTY --- 0.4 WSW ROCHESTER [37.22, -86.91], 0.8 SSE ROCHESTER [37.21, -86.90], 0.7 ESE ROCHESTER [37.22, -86.89], 0.4 E ROCHESTER [37.22, -86.89] | | | | |
| | 02/23/18 03:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |
| The Green River at Rochester went into minor flood. The river crested at 23.4 feet on February 27 and remained above flood through the end of the month. | | | | |
| JEFFERSON COUNTY --- 2.6 NE LOUISVILLE [38.26, -85.75], 2.5 NE LOUISVILLE [38.26, -85.75], 2.3 NNE LOUISVILLE [38.26, -85.76], 2.4 NNE LOUISVILLE [38.26, -85.76] | | | | |
| | 02/23/18 08:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 08:00 EST | | 0 | Source: County Official |
| County officials reported installing the 2nd Street flood gate. | | | | |
| BULLITT COUNTY --- 0.5 W SOLITUDE [37.97, -85.54], 0.4 ENE SOLITUDE [37.97, -85.52], 0.6 NE SOLITUDE [37.98, -85.52], 1.1 WNW SOLITUDE [37.97, -85.55] | | | | |
| | 02/23/18 09:05 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:05 EST | | 0 | Source: Department of Highways |
| Kentucky Hwy 480 at mile marker 9-10 was flooded near Woodsdale Road. | | | | |
| BULLITT COUNTY --- 1.6 E GOSPEL CAMPGROUND [38.00, -85.75], 1.4 E GOSPEL CAMPGROUND [38.00, -85.76], 1.4 E GOSPEL CAMPGROUND [38.00, -85.75], 1.8 E GOSPEL CAMPGROUND [38.00, -85.75] | | | | |
| | 02/23/18 09:05 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:05 EST | | 0 | Source: Department of Highways |
| Department of Highways reported Kentucky Highway 44 at 10.1 mile marker at Bullitt Lick Creek had water over road. | | | | |
| BULLITT COUNTY --- 1.8 WSW SALT RIVER [37.96, -85.75], 2.4 SW SALT RIVER [37.94, -85.75], 2.0 SSW SALT RIVER [37.94, -85.74], 1.2 WSW SALT RIVER [37.97, -85.74] | | | | |
| | 02/23/18 09:05 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:05 EST | | 0 | Source: Department of Highways |
| Kentucky 1494 was flooded due to excessive heavy rainfall. | | | | |
| HENRY COUNTY --- 1.6 E TURNERS STATION [38.55, -85.14], 1.9 N LACIE [38.55, -85.13], 2.3 N LACIE [38.55, -85.13], 1.6 E TURNERS STATION [38.55, -85.14] | | | | |
| | 02/23/18 09:05 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:05 EST | | 0 | Source: Department of Highways |
| Kentucky Highway 574 flooded. | | | | |
| SHELBY COUNTY --- 3.9 W TODDSPPOINT [38.29, -85.42], 4.7 WNW TODDSPPOINT [38.30, -85.43], 4.5 NW CONNER [38.28, -85.44], 3.4 W TODDSPPOINT [38.28, -85.41] | | | | |
| | 02/23/18 09:05 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:05 EST | | 0 | Source: Department of Highways |
| Kentucky Highway 362 had high water and flooded. | | | | |
| SPENCER COUNTY --- 3.5 SW TAYLORSVILLE [37.99, -85.39], 3.0 SSW TAYLORSVILLE [37.99, -85.38], 2.4 SW TAYLORSVILLE [38.00, -85.38], 2.6 SE WATERFORD [38.00, -85.40] | | | | |
| | 02/23/18 09:05 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:05 EST | | 0 | Source: Department of Highways |
| Kentucky 2885 flooded due to excessive rainfall. | | | | |
| TRIMBLE COUNTY --- 2.8 S MONITOR [38.61, -85.27], 3.2 S MONITOR [38.60, -85.26], 2.8 SSE MONITOR [38.61, -85.26], 2.5 S MONITOR [38.61, -85.27] | | | | |
| | 02/23/18 09:05 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:05 EST | | 0 | Source: Department of Highways |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------|
| Kentucky Highway 2871 flooded due to high water. | | | | |
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| SPENCER COUNTY --- 0.5 E RIVALS [38.10, -85.29], 1.0 ESE RIVALS [38.10, -85.28], 1.3 E RIVALS [38.10, -85.28], 0.8 ENE RIVALS [38.10, -85.29] | 02/23/18 09:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:30 EST | | 0 | Source: County Official |
| High water flooded road and bridge at the intersection of Little Mount Road, Haley Road, and Figg Store Road. | | | | |
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| SPENCER COUNTY --- 0.5 W WILSONVILLE [38.12, -85.41], 0.7 NNE WILSONVILLE [38.13, -85.39], 1.1 NNW WILSONVILLE [38.13, -85.41], 1.1 WNW WILSONVILLE [38.12, -85.42] | 02/23/18 09:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:30 EST | | 0 | Source: County Official |
| High water over road and bridge at Old Heady and Veech Road. | | | | |
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| SPENCER COUNTY --- 0.9 NE TAYLORSVILLE [38.04, -85.34], 0.6 E TAYLORSVILLE [38.03, -85.34], 1.5 ENE TAYLORSVILLE [38.04, -85.32], 1.3 NE TAYLORSVILLE [38.04, -85.33] | 02/23/18 09:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:30 EST | | 0 | Source: County Official |
| Brashears Creek Road closed at the Taylorsville Road intersection due to high water and flooding. | | | | |
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| SPENCER COUNTY --- 2.4 SSW CRENSHAW [38.02, -85.48], 1.8 WSW WATERFORD [38.02, -85.46], 1.6 WSW WATERFORD [38.02, -85.46], 1.9 S CRENSHAW [38.02, -85.48] | 02/23/18 09:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:30 EST | | 0 | Source: County Official |
| High water flooded Delta Road. | | | | |
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| SPENCER COUNTY --- 3.5 SW WATERFORD [37.99, -85.47], 3.4 SSW WATERFORD [37.99, -85.46], 2.8 SSW WATERFORD [38.00, -85.46], 3.0 SW WATERFORD [38.00, -85.46] | 02/23/18 09:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:30 EST | | 0 | Source: County Official |
| High water flooded Love Lane. | | | | |
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| JEFFERSON COUNTY --- 0.7 S GOOSE CREEK [38.31, -85.65], 0.2 SSE GOOSE CREEK [38.32, -85.65], 0.7 ESE GOOSE CREEK [38.31, -85.64], 0.9 SSE GOOSE CREEK [38.31, -85.64] | 02/23/18 09:44 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:44 EST | | 0 | Source: County Official |
| Lime Kiln Road closed from River Road to River Knolls Drive closed to high water and flooding. | | | | |
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| JEFFERSON COUNTY --- 0.5 E GOOSE CREEK [38.32, -85.64], 0.7 S GOOSE CREEK [38.31, -85.65], 0.4 S GOOSE CREEK [38.31, -85.65], 0.6 NE GOOSE CREEK [38.33, -85.64] | 02/23/18 09:45 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 09:45 EST | | 0 | Source: County Official |
| River Road closed from Lime Kiln to Captains Quarters due to high water and flooding. | | | | |
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| JEFFERSON COUNTY --- 2.2 NNE BECKLEY [38.28, -85.46], 2.5 NNE BECKLEY [38.28, -85.46], 2.8 ENE O BANNON [38.30, -85.47], 2.5 ENE O BANNON [38.29, -85.48] | 02/23/18 10:04 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 10:04 EST | | 0 | Source: Department of Highways |
| Highway 362 closed due to high water and flooding. | | | | |
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| OLDHAM COUNTY --- 0.5 E WESTPORT [38.48, -85.46], 0.7 ESE WESTPORT [38.47, -85.46], 0.5 WSW WESTPORT [38.48, -85.48], 0.8 N WESTPORT [38.49, -85.47] | 02/23/18 10:04 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 10:04 EST | | 0 | Source: Department of Highways |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|--------------------------------|
| Kentucky 524 Westport Road at mile marker 4 flooded with high water over roadway. | | | | |
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| OLDHAM COUNTY --- 2.8 S FLOYDSBURG [38.28, -85.46], 2.3 S FLOYDSBURG [38.29, -85.45], 1.4 SSE PEWEE VLY [38.30, -85.47], 1.8 S PEWEE VLY [38.29, -85.48] | 02/23/18 10:04 EST | 0 | | Flood (due to Heavy Rain) |
| | 02/23/18 10:04 EST | 0 | | Source: Department of Highways |
| Kentucky 362 closed due to high water and flooding. | | | | |
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| JEFFERSON COUNTY --- 2.1 NNE RIVERSIDE GARDENS [38.21, -85.87], 1.9 NE RIVERSIDE GARDENS [38.20, -85.86], 2.0 N ST DENNIS [38.25, -85.82], 3.5 NNW LOUISVILLE [38.28, -85.81], 3.3 N ST DENNIS [38.27, -85.82] | 02/23/18 10:12 EST | 0 | | Flood (due to Heavy Rain) |
| | 02/23/18 10:12 EST | 0 | | Source: Fire Department/Rescue |
| State Road 111 flooded in several areas. | | | | |
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| BRECKINRIDGE COUNTY --- 0.7 S CORNERS [37.79, -86.23], 1.1 ESE CORNERS [37.80, -86.21], 0.8 ENE CORNERS [37.80, -86.22], 0.7 W CORNERS [37.80, -86.24] | 02/23/18 10:23 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/23/18 10:23 CST | 0 | | Source: Broadcast Media |
| Corners Road and Highway 333 flooded with high water. | | | | |
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| BRECKINRIDGE COUNTY --- 2.1 S CLOVERPORT [37.80, -86.63], 2.0 S CLOVERPORT [37.80, -86.63], 1.5 S CLOVERPORT [37.81, -86.63], 1.8 SSW CLOVERPORT [37.80, -86.64] | 02/23/18 10:23 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/23/18 10:23 CST | 0 | | Source: Broadcast Media |
| Local media reported Tar Springs Road bridge flooded with high water flowing over it. | | | | |
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| BRECKINRIDGE COUNTY --- 2.6 SW SAMPLE [37.87, -86.51], 4.1 SSW SAMPLE [37.85, -86.51], 4.4 SW SAMPLE [37.85, -86.53], 2.7 SW SAMPLE [37.88, -86.52] | 02/23/18 10:23 CST | 0 | | Flood (due to Heavy Rain) |
| | 02/23/18 10:23 CST | 0 | | Source: Broadcast Media |
| Local media reported New Bethal Road flooded with high water over it. | | | | |
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| JEFFERSON COUNTY --- 0.5 W HARRODS CREEK [38.33, -85.64], 0.4 SSW HARRODS CREEK [38.32, -85.63], 0.6 NNE HARRODS CREEK [38.34, -85.62], 0.6 N HARRODS CREEK [38.34, -85.63] | 02/23/18 10:27 EST | 0 | | Flood (due to Heavy Rain) |
| | 02/23/18 10:27 EST | 0 | | Source: Department of Highways |
| River Road closed from Captains Quarters to Wolf Pen Branch due to high water and flooding. | | | | |
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| JEFFERSON COUNTY --- 2.2 W INDIAN HILLS [38.28, -85.69], 2.5 WSW INDIAN HILLS [38.27, -85.69], 2.8 NNW HIGHLANDS [38.27, -85.71], 3.4 NNW HIGHLANDS [38.27, -85.71] | 02/23/18 10:40 EST | 0 | | Flood (due to Heavy Rain) |
| | 02/23/18 10:40 EST | 0 | | Source: Department of Highways |
| Mellwood Avenue at Mockingbird Valley Road near soccer fields closed due to high water and flooding. | | | | |
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| JEFFERSON COUNTY --- 2.3 WSW ST DENNIS [38.21, -85.86], 1.7 WSW ST DENNIS [38.21, -85.85], 1.3 NE RIVERSIDE GARDENS [38.19, -85.87], 1.3 N RIVERSIDE GARDENS [38.20, -85.88] | 02/23/18 10:45 EST | 0 | | Flood (due to Heavy Rain) |
| | 02/23/18 10:45 EST | 0 | | Source: Department of Highways |
| South Overbrook Driver closed due to high water and flooding. | | | | |
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| JEFFERSON COUNTY --- 0.7 S TRANSYLVANIA BEACH [38.34, -85.63], 0.4 NNE PROSPECT [38.36, -85.62], 0.8 N TRANSYLVANIA BEACH [38.36, -85.63], 0.6 SW TRANSYLVANIA BEACH [38.34, -85.64] | 02/23/18 11:22 EST | 0 | | Flood (due to Heavy Rain) |
| | 02/23/18 11:22 EST | 0 | | Source: County Official |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------|
| Mayfair Avenue at River Road closed due to high water and flooding. | | | | |
| JEFFERSON COUNTY --- 1.3 WNW INDIAN HILLS [38.29, -85.67], 1.1 NW INDIAN HILLS [38.29, -85.67], 1.6 NW INDIAN HILLS [38.30, -85.67], 1.6 NW INDIAN HILLS [38.29, -85.67] | | | | |
| | 02/23/18 11:22 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 11:22 EST | | 0 | Source: County Official |
| Blankerbaker Lane from Rivera Drive to River Road closed due to flooding. | | | | |
| MEADE COUNTY --- 2.1 SE CONCORDIA [38.05, -86.40], 1.3 SSE CONCORDIA [38.05, -86.42], 0.7 S CONCORDIA [38.06, -86.43], 1.8 ESE CONCORDIA [38.06, -86.40] | | | | |
| | 02/23/18 11:23 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 11:23 EST | | 0 | Source: Broadcast Media |
| Local media reported high water and flooding on Kieth Road. | | | | |
| MEADE COUNTY --- 3.4 SW MULDRAUGH [37.90, -86.05], 2.3 SSW MULDRAUGH [37.90, -86.02], 1.5 WSW MULDRAUGH [37.92, -86.02], 2.0 WSW MULDRAUGH [37.92, -86.04] | | | | |
| | 02/23/18 11:23 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 11:23 EST | | 0 | Source: Broadcast Media |
| Local media reported portions of North Thompson Lane had high water over it and was flooded. | | | | |
| JEFFERSON COUNTY --- 1.3 WNW INDIAN HILLS [38.29, -85.67], 1.8 WNW INDIAN HILLS [38.29, -85.68], 1.6 NW INDIAN HILLS [38.29, -85.67], 1.6 NW INDIAN HILLS [38.30, -85.67], 1.3 NW INDIAN HILLS [38.29, -85.66] | | | | |
| | 02/23/18 11:40 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 11:40 EST | | 0 | Source: County Official |
| Rivera Drive and Riverside Drive closed due to high water and flooding. | | | | |
| JEFFERSON COUNTY --- 2.6 NE LOUISVILLE [38.26, -85.75], 2.5 NE LOUISVILLE [38.26, -85.75], 2.1 NNE LOUISVILLE [38.26, -85.76], 2.3 NNE LOUISVILLE [38.26, -85.76] | | | | |
| | 02/23/18 11:49 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 11:49 EST | | 0 | Source: Department of Highways |
| Interstate 64 exit at 3rd Street closed due to high water from Ohio River flooding. | | | | |
| JEFFERSON COUNTY --- 2.6 NW HIGHLANDS [38.26, -85.71], 2.9 NW HIGHLANDS [38.26, -85.72], 3.0 NW HIGHLANDS [38.27, -85.71], 2.6 W INDIAN HILLS [38.28, -85.70], 2.5 WSW INDIAN HILLS [38.27, -85.69] | | | | |
| | 02/23/18 12:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 12:00 EST | | 0 | Source: County Official |
| Mellwood Avenue flooded from Edith Road to Brownsboro Road due to flooding. | | | | |
| JEFFERSON COUNTY --- 3.4 NW HIGHLANDS [38.26, -85.73], 2.9 NW HIGHLANDS [38.25, -85.72], 2.9 NW HIGHLANDS [38.26, -85.72], 3.5 NW HIGHLANDS [38.26, -85.73] | | | | |
| | 02/23/18 12:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 12:00 EST | | 0 | Source: County Official |
| Adams Street from Story Avenue to Cabel Street closed due to high water and flooding. | | | | |
| SIMPSON COUNTY --- 1.3 NE FLAT ROCK [36.70, -86.54], 1.6 NE FLAT ROCK [36.70, -86.53], 1.6 NNE FLAT ROCK [36.70, -86.54], 1.3 NNE FLAT ROCK [36.70, -86.54] | | | | |
| | 02/24/18 16:00 CST | 1 | 30K | Flood (due to Heavy Rain) |
| | 02/24/18 16:00 CST | | 0 | Source: Emergency Manager |
| A man drowned in a submerged vehicle near Flat Bridge on Kenny Perry Drive. High water covered the road and the bridge was closed. The man went around the barricades blocking the road. His car was found downstream. | | | | |
| Direct Fatalities: M69VE | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|--------------------------------|
| JEFFERSON COUNTY --- 0.9 NE OKOLONA [38.14, -85.67], 0.1 S OKOLONA [38.13, -85.68], 0.7 NNW OKOLONA [38.14, -85.69], 1.1 NNE OKOLONA [38.15, -85.68] | | | | |
| | 02/24/18 18:40 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 18:40 EST | | 0 | Source: Public |
| The public reported high water and flooded roads. | | | | |
| BULLITT COUNTY --- 0.4 N SHEPHERDSVILLE [37.99, -85.72], 0.3 NNE SHEPHERDSVILLE [37.98, -85.72], 1.7 E SHEPHERDSVILLE [37.98, -85.69], 1.9 ENE SHEPHERDSVILLE [37.99, -85.69] | | | | |
| | 02/25/18 01:20 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/27/18 09:47 EST | | 0 | Source: RAWS |
| The Salt River at Shepherdsville went into moderate flood stage. The river crested at 35.01 feet which is 3.01 feet above flood stage. | | | | |
| BRECKINRIDGE COUNTY --- 0.9 NW HARDINSBURG ARPT [37.79, -86.46], 1.9 WSW HARDINSBURG [37.77, -86.50], 1.9 S HARDINSBURG ARPT [37.75, -86.46], 1.5 ENE HARDINSBURG ARPT [37.79, -86.42] | | | | |
| | 02/25/18 08:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 08:00 CST | | 0 | Source: Department of Highways |
| Numerous roads closed in the county due to high water and flooding, including parts of KY 261, KY 992, KY 2779, KY 2199, and KY 259. | | | | |
| BUTLER COUNTY --- 1.1 W NEEDMORE [37.12, -86.69], 0.9 SE DIMPLE [37.09, -86.72], 0.6 NNE SUGAR GROVE [37.09, -86.67], 1.3 ESE NEEDMORE [37.12, -86.65] | | | | |
| | 02/25/18 08:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 08:00 CST | | 0 | Source: Department of Highways |
| Multiple roads closed across county, including KY 1153 near mile marker 5-6, KY 3182 mile marker 1-2, and KY 2713 near mile marker 0-1. | | | | |
| EDMONSON COUNTY --- 1.4 N SEGAL [37.22, -86.38], 0.8 N SEGAL [37.21, -86.38], 1.4 NNE SEGAL [37.22, -86.37], 1.6 NNE SEGAL [37.22, -86.37] | | | | |
| | 02/25/18 08:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 08:00 CST | | 0 | Source: Department of Highways |
| Kentucky 655 closed at mile marker 2.6 due to high water and flooding. | | | | |
| HANCOCK COUNTY --- 0.7 N LEWISPORT [37.94, -86.90], 0.8 SW WAITMAN [37.89, -86.96], 3.2 W WAITMAN [37.90, -87.01], 0.9 NNW LEWISPORT [37.94, -86.91] | | | | |
| | 02/25/18 08:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 08:00 CST | | 0 | Source: Department of Highways |
| Numerous roads closed across county due to high water, including KY 334, KY 3543, KY 3101, KY 1403, KY 661, and KY 1389. | | | | |
| LOGAN COUNTY --- 1.3 ENE RED RIVER [36.69, -86.83], 1.6 WNW HILLTOP [36.68, -86.80], 1.3 NNW HILLTOP [36.69, -86.78], 1.5 S SCHOCHOH [36.70, -86.78] | | | | |
| | 02/25/18 08:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 08:00 CST | | 0 | Source: Department of Highways |
| Portions of KY 1153, 765, and 3201 closed due to high water and flooding. | | | | |
| OHIO COUNTY --- 1.6 E HARTFORD [37.45, -86.89], 1.5 SE HARTFORD [37.44, -86.90], 0.6 NW HARTFORD [37.46, -86.93], 1.5 NE HARTFORD [37.47, -86.90] | | | | |
| | 02/25/18 08:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 08:00 CST | | 0 | Source: Department of Highways |
| Multiple roads closed due to high water and flooding. | | | | |
| WARREN COUNTY --- 1.6 E HADLEY [37.05, -86.59], 1.5 ESE HADLEY [37.04, -86.59], 0.8 E HADLEY [37.05, -86.60], 1.5 E HADLEY [37.05, -86.59] | | | | |
| | 02/25/18 08:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 08:00 CST | | 0 | Source: Department of Highways |
| KY 626 closed at US 231 due to high water and flooding. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|--------------------------------|
| BULLITT COUNTY --- SHEPHERDSVILLE [37.98, -85.72], 0.9 NNE SHEPHERDSVILLE [37.99, -85.72], 1.1 E SHEPHERDSVILLE [37.98, -85.70], 0.6 ENE SALT RIVER [37.97, -85.71] | | | | |
| | 02/25/18 08:25 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 08:25 EST | | 0 | Source: Department of Highways |
| Preston Highway closed in downtown due to high water from the Salt River overflowing the road. | | | | |
| JEFFERSON COUNTY --- 2.8 WSW INDIAN HILLS [38.27, -85.70], 2.1 W INDIAN HILLS [38.27, -85.69], 2.5 W INDIAN HILLS [38.28, -85.70], 2.9 W INDIAN HILLS [38.27, -85.70] | | | | |
| | 02/25/18 08:25 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 08:25 EST | | 0 | Source: Department of Highways |
| Exit ramps from Interstate 71 in both directions closed at Zorn Avenue due to flooding. | | | | |
| BULLITT COUNTY --- 1.6 W SALT RIVER [37.97, -85.75], 0.8 S GOSPEL CAMPGROUND [37.99, -85.78], 1.1 ESE MARYVILLE [38.01, -85.76], 1.7 WSW GAP IN KNOB [38.01, -85.73] | | | | |
| | 02/25/18 09:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 09:00 EST | | 0 | Source: Department of Highways |
| Numerous roads closed in county, including KY 480 near Woodsdale Road, KY 1494, Beech Grove Road at David Arnold Memorial bridge, KY 1526 near KY 44 for a mudslide, and KY 44 Old Mill Road near Old Pitts Point Road. | | | | |
| HARDIN COUNTY --- 1.5 SSW FRANKLIN XRDS [37.65, -86.03], 0.6 NNW STEPHENSBURG [37.64, -86.02], 1.0 NNW HANSBROUGH [37.64, -86.01], 0.4 S FRANKLIN XRDS [37.66, -86.02] | | | | |
| | 02/25/18 09:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 09:00 EST | | 0 | Source: Department of Highways |
| Kentucky Highway 1375 between mile post 2 and 4 closed due to high water along with Kentucky Highway 210 at mile post 4. | | | | |
| HARRISON COUNTY --- 0.7 N CYNTHIANA [38.39, -84.30], 0.4 NNW CYNTHIANA [38.39, -84.30], 1.0 NW CYNTHIANA [38.39, -84.31], 1.1 NNW CYNTHIANA [38.40, -84.31] | | | | |
| | 02/25/18 09:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 09:00 EST | | 0 | Source: Department of Highways |
| Kentucky Highway 3016 closed between mile post 1 and 2 due to high water and flooding. | | | | |
| MEADE COUNTY --- 1.5 NNE WOLF CREEK [38.12, -86.37], 0.8 SSW WOLF CREEK [38.09, -86.38], 1.8 NNE CONCORDIA [38.09, -86.41], 1.4 N WOLF CREEK [38.12, -86.38] | | | | |
| | 02/25/18 09:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 09:00 EST | | 0 | Source: Department of Highways |
| KY 823 between mile post 0 and 1, KY 230 between mile post 1-2, and KY 228 between mile post 3-4 all closed due to flooding. | | | | |
| NELSON COUNTY --- 1.8 NW NELSONVILLE [37.75, -85.67], 2.4 W NELSONVILLE [37.72, -85.69], 3.5 W NELSONVILLE [37.74, -85.71], 1.7 S BOSTON [37.76, -85.67] | | | | |
| | 02/25/18 09:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 09:00 EST | | 0 | Source: Public |
| Exit 10 on Bluegrass Parkway have high water signs for entrance and exit ramps. High water and flooding also observed on KY 733 near mile post 3 and 12. | | | | |
| OLDHAM COUNTY --- 2.1 SSE PEWEE VLY [38.29, -85.47], 0.6 SW FLOYDSBURG [38.31, -85.46], 1.8 SE FLOYDSBURG [38.30, -85.43], 2.8 S FLOYDSBURG [38.28, -85.46] | | | | |
| | 02/25/18 09:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 09:00 EST | | 0 | Source: Department of Highways |
| Ash Avenue closed near Shelby County line and Westport Road at mile post 4 closed due to high water and flooding. | | | | |
| SPENCER COUNTY --- 1.8 SW TAYLORSVILLE [38.01, -85.37], 1.9 SSW TAYLORSVILLE [38.00, -85.36], 1.3 S TAYLORSVILLE [38.01, -85.35], 1.3 SW TAYLORSVILLE [38.01, -85.37] | | | | |
| | 02/25/18 09:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 09:00 EST | | 0 | Source: Department of Highways |

Storm Data and Unusual Weather Phenomena - February 2018

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

KY 2885 closed at mile 2.6 due to high water and flooding.

Repeated rounds of moderate to heavy rainfall across the entire Ohio River basin totaled between 8 to 9 inches across central Kentucky from February 15 to February 28. These totals were generally 7+ inches, or 200 to 400% of normal values for mid to late February. The large areal extent of the excessive rainfall led to significant rises on area rivers, including the Ohio River. The Ohio River along the Indiana and Kentucky border rose into Moderate to Major flood stage. This resulted in numerous flash flood reports across all of the central Kentucky counties including road closures, road washouts, water rescues, and 1 flood fatality in Simpson County. Kentucky Emergency Management reported damages to public infrastructure exceeding \$3.5 Million reported from nine central KY counties.

LOGAN COUNTY --- 0.9 ESE KEYSBURG [36.64, -87.00], 2.1 W SCHOCHOH [36.72, -86.82]

| | | | |
|--------------------|---|-------|--|
| 02/24/18 15:54 CST | 1 | 0.80M | Tornado (EF2, L: 11.64 mi , W: 350 yd) |
| 02/24/18 16:12 CST | 1 | 0 | Source: NWS Storm Survey |

The National Weather Service conducted a storm damage survey in Logan county Kentucky. The damage moved in from Robertson County Tennessee near the end of McGee Road where two homes received extensive damage. The first home, a well built stone home had significant roof damage and the screened in porch was destroyed. The family pick up truck was tossed around 40 yards to the north. On the family cemetery plot several tombstones were knocked over and one headstone was destroyed. There were several outbuildings and 2 pole Barnes were destroyed on the property as well.

The second home experienced significant foundation damage and the roof was completely thrown off. The family pick up truck was thrown 250 yards and thrown down into a field. Insulation from the home was thrown down wind over 300 yards. The debris field from the two homes was thrown in a farmers field between 100 yards in a quarter mile down wind with several 2 x 4 and 2 x 10 and bricks being impaled into the ground. Winds were estimated between 120 and 130 mph.

The tornado then moved through several farmers fields doing extensive tree damage and fence damage. Power lines were down throughout this entire stretch.

The tornado then hit 901 Dot Road destroying 2 barns, moving heavy farm equipment, blowing out exterior walls and destroying the roof at the property. Tragically, a woman in the home was killed by falling debris. The family pet dog was found alive by rescuers underneath extensive rubble. Debris was thrown up to 500 yards and debris with a width of between 250 and 300 yards in a farmers field. Winds were estimated to be 135 mph at this location.

Next, the tornado hit a large family farm at 3604 Schley Road destroying the second story. Three farm silos that were empty or destroyed with the metal sheets being thrown over a quarter mile down wind. The tornado continued through farm fields destroying several trees and uprooting them.

The tornado became more elevated at the intersection of Mortimor Station Road and Mirriaheh Road. In this area trees we snapped, and several homes experienced shingle siding and roof damage. Winds were estimated to be 100 to 110 mph here.

As the tornado was lifting, it snapped some trees in the Schochoh community.

Direct Fatalities: F79PH

LOGAN COUNTY --- 1.3 ESE OAKVILLE [36.74, -86.85]

| | | |
|--------------------|-----|------------------------------|
| 02/24/18 16:10 CST | 25K | Thunderstorm Wind (EG 60 kt) |
| 02/24/18 16:10 CST | 0 | Source: Trained Spotter |

Spotters reported trees and power lines down in the area.

WARREN COUNTY --- 1.2 SW HAYS [37.02, -86.15], 0.5 NE HAYS [37.04, -86.12]

| | | |
|--------------------|-------|--------------------------------------|
| 02/24/18 17:19 CST | 0.25M | Tornado (EF1, L: 1.64 mi , W: 50 yd) |
| 02/24/18 17:20 CST | 0 | Source: NWS Storm Survey |

The tornado touched down near the intersection of Hays Ponds Rd and FH Roundtree Rd, destroying a small metal shed, overturning a trailer, flattening a fence, and causing minor roof damage to a home. The very narrow tornado - only 30 to 50 yards wide - continued northeast, uprooting trees and damaging outbuildings on neighboring property, including breaking out all of the windows of one building. The path continued northeast over open countryside, snapping tree limbs of several trees. It then tore the porch off the east side of a home on the south side of Highway 68-80, depositing debris into nearby woods.

Crossing 68-80, the tornado did its greatest damage, tearing a very large pine tree out of the ground and tossing it 100 feet over a home, spattering the front of the home with mud, ripping holes in the roof, and destroying the attached garage. Despite this intense damage, an open-sided outbuilding just 25 yards away suffered no visible damage. Continuing northeast, the tornado snapped several more trees before destroying two more outbuildings, scattering debris a quarter of a mile downwind. The tornado also damaged the roof of a home 100 feet east of the outbuildings, and did porch, deck, and roof damage to the neighboring residence, plastering the east side of the home with insulation. Crossing over Lewis Rd into Barren County, the roof of a sunroom was torn of the next home and an outbuilding destroyed. The tornado then moved over open countryside where drone footage showed it deposited the remainder of its debris. The total path length of the tornado in both counties was 1.9 miles.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------------|
| BARREN COUNTY --- 1.7 NW MERRY OAKS [37.04, -86.12], 1.6 NW MERRY OAKS [37.04, -86.12] | | | | |
| | 02/24/18 17:20 CST | | 30K | Tornado (EF1, L: 0.28 mi , W: 50 yd) |
| | 02/24/18 17:21 CST | | 0 | Source: NWS Storm Survey |
| This is the final 0.3 miles of the tornado that touched down in Warren County near the intersection of Hays Pondsville Rd and FH Roundtree Rd. In Barren County, the roof of a sunroom was torn off a home and an outbuilding destroyed. The tornado then moved over open countryside where drone footage showed it deposited the remainder of its debris. The total path length of the tornado in both counties was 1.9 miles. | | | | |
| CASEY COUNTY --- 3.0 NW BEECH BOTTOM [37.40, -84.99] | | | | |
| | 02/24/18 17:40 EST | | 75K | Thunderstorm Wind (EG 55 kt) |
| | 02/24/18 17:40 EST | | 0 | Source: NWS Storm Survey |
| NWS Storm Survey found damage consistent of straight line winds in northern Casey County. A porch awning was ripped off a home and thrown over the roof into a free standing antenna. A breezeway also had damage to its ceiling and a door was pushed inward off the frame. Downstream, a fifth wheel RV was knocked over, falling into some dirt. Part of the house roof ended up downstream a quarter mile, where a forest along a downhill slope showed several trees snapped. | | | | |
| JEFFERSON COUNTY --- 0.7 N MIDDLETOWN [38.26, -85.53], 0.3 ESE WOODLAND HILLS [38.25, -85.52], 0.5 ESE O BANNON [38.28, -85.51], 0.4 NE COLONIAL TERRACE [38.28, -85.54], 0.9 SSW COLONIAL TERRACE [38.27, -85.55] | | | | |
| | 02/24/18 18:30 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 18:30 EST | | 0 | Source: Amateur Radio |
| Amateur radio operators reported numerous reports of flooded roadways across much of Louisville metro including water rescues in the Anchorage area. Manhole covers reported off in the downtown area. | | | | |
| JEFFERSON COUNTY --- 3.2 NNW LOUISVILLE [38.27, -85.81], 1.8 NNE ST DENNIS [38.25, -85.81], 1.2 NNW LOUISVILLE [38.25, -85.79], 2.9 NNW LOUISVILLE [38.27, -85.79] | | | | |
| | 02/24/18 18:45 EST | | 0.20M | Flash Flood (due to Heavy Rain) |
| | 02/24/18 18:45 EST | | 0 | Source: Public |
| Public reported flash flooding in the Louisville metro. Several roads experienced erosion, sinkholes, and broken pavement. | | | | |
| JEFFERSON COUNTY --- 1.3 ENE STRATHMOOR VLG [38.23, -85.58], 0.4 E STRATHMOOR VLG [38.22, -85.59], 1.0 NNW JEFFERSONTOWN [38.21, -85.58], 1.1 W ST REGIS PARK [38.23, -85.57] | | | | |
| | 02/24/18 18:59 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 18:59 EST | | 0 | Source: Amateur Radio |
| Amateur radio operators reported cars stranded in high water with 4 feet of water on road. | | | | |
| JEFFERSON COUNTY --- 3.0 NW HIGHLANDS [38.26, -85.72], 2.8 WNW HIGHLANDS [38.25, -85.72], 2.3 NW HIGHLANDS [38.25, -85.71], 2.8 NW HIGHLANDS [38.26, -85.71] | | | | |
| | 02/24/18 19:01 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 19:01 EST | | 0 | Source: Amateur Radio |
| Amateur radio operators reported exit ramps were closed due to high water on Interstate 64 and Story Avenue. | | | | |
| EDMONSON COUNTY --- CHALYBEATE [37.13, -86.23] | | | | |
| | 02/24/18 19:03 CST | | 50K | Thunderstorm Wind (EG 55 kt) |
| | 02/24/18 19:03 CST | | 0 | Source: NWS Storm Survey |
| NWS survey crew observed intermittent straight-line wind damage in the town of Chalybeate. There was damage to fences, several trees snapped, and 2 older barns experienced significant damage. In a residential area, two large sections of trees fell on one roof, and an above ground swimming pool was blown away. Everything was facing down from west to east, indicative of straight line winds. The duration of the thunderstorm wind event was 2 minutes. | | | | |
| JEFFERSON COUNTY --- 0.9 SW EASTWOOD [38.22, -85.46] | | | | |
| | 02/24/18 19:10 EST | | 0 | Thunderstorm Wind (EG 55 kt) |
| | 02/24/18 19:10 EST | | 0 | Source: Public |
| Public reported trees down in the area. | | | | |
| JEFFERSON COUNTY --- 0.7 S FAIRDALE [38.09, -85.77], 0.8 SSE FAIRDALE [38.09, -85.76], 0.6 ESE FAIRDALE [38.10, -85.76], 0.2 ESE FAIRDALE [38.10, -85.77] | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------------|
| | 02/24/18 19:17 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 19:17 EST | | 0 | Source: Amateur Radio |

Fairdale Fire Department reported that the intersection of Mitchell Hill Road and Holsclaw Road was impassable due to high water over road.

JEFFERSON COUNTY --- 1.3 ENE STRATHMOOR VLG [38.23, -85.58], 0.6 W ST REGIS PARK [38.23, -85.56], 1.1 SSE LYNDON [38.26, -85.56], 0.6 E RICHLAWN [38.25, -85.59]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/24/18 19:19 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 19:19 EST | | 0 | Source: Law Enforcement |

Local law enforcement reported water rescues. According to the Courier Journal, over 50 water rescues took place during the event.

JEFFERSON COUNTY --- COLONIAL TERRACE [38.28, -85.55], 0.3 SSE COLONIAL TERRACE [38.28, -85.55], 0.4 ESE COLONIAL TERRACE [38.28, -85.54], 0.4 ENE COLONIAL TERRACE [38.28, -85.54]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/24/18 19:51 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 19:51 EST | | 0 | Source: Amateur Radio |

A water rescue took place at the intersection of Nutwood Road and Evergreen Road.

JEFFERSON COUNTY --- 1.1 E RICHLAWN [38.25, -85.58], 1.1 ESE RICHLAWN [38.24, -85.58], 1.5 WNW ST REGIS PARK [38.24, -85.57], 1.4 S LYNDON [38.25, -85.57]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/24/18 20:00 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 20:00 EST | | 0 | Source: Broadcast Media |

Local media reported submerged cars on Shelbyville Road and Hurstbourne Parkway.

LOGAN COUNTY --- 0.8 SSW DIAMOND SPGS [37.02, -86.97], 0.7 SE WOLF LICK [37.01, -86.92]

| | | | | |
|--|--------------------|--|-----|---------------------------------------|
| | 02/24/18 21:15 CST | | 30K | Tornado (EF0, L: 2.93 mi , W: 300 yd) |
| | 02/24/18 21:16 CST | | 0 | Source: NWS Storm Survey |

The first damage was observed off of old Greenville Road where several homes experience siding and roof damage. There were some snapped cedar trees and a couple of uprooted trees and one residence at the end of the road saw the windows moving back-and-forth and their ears completely popped as they were heading to the basement. Back to the southwest there was extensive tree damage all along Elamond Road. There were over 100 trees snapped, twisted, and uprooted. At 291 Elamond Road, part of the roof was peeled back with extensive siding damage. Winds were estimated to be between 100 and 110 mph but the width was between 150-300 yards wide.

LOGAN COUNTY --- 1.3 ENE DIAMOND SPGS [37.04, -86.95]

| | | | | |
|--|--------------------|--|---|------------------------------|
| | 02/24/18 21:15 CST | | 0 | Thunderstorm Wind (EG 55 kt) |
| | 02/24/18 21:15 CST | | 0 | Source: NWS Storm Survey |

Survey results showed a tree was blown across Coon Range Lake Road.

OLDHAM COUNTY --- 3.0 ENE LA GRANGE [38.42, -85.33], 1.0 ESE LA GRANGE [38.39, -85.36], 0.5 N LA GRANGE [38.41, -85.38], 3.0 NE LA GRANGE [38.43, -85.34]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/24/18 21:17 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 21:17 EST | | 0 | Source: Broadcast Media |

Interstate 71 was closed in both directions in Oldham County due to high water and flash flooding.

BUTLER COUNTY --- 1.5 ENE HARPER XRDS [37.09, -86.87], 1.9 N QUALITY [37.10, -86.85]

| | | | | |
|--|--------------------|--|-----|---------------------------------------|
| | 02/24/18 21:21 CST | | 20K | Tornado (EF1, L: 1.40 mi , W: 100 yd) |
| | 02/24/18 21:24 CST | | 0 | Source: NWS Storm Survey |

The National Weather Service conducted a storm damage survey in Butler County Kentucky. The survey was challenging due to closed roads due to high water and trees blocking some country roads. The damage began near Ewing Road where trees were snapped and twisted. This continued along Graveltown Road where more trees were twisted and snapped and couple were uprooted. Wind speeds averaged 90 mph with a width of 75 to 100 yards.

The tornado reached its peak intensity on Highway 106 where it did significant damage to a large barn. Wind speeds increased to 95 mph with a width of 100 yards. The tornado crossed Highway 106 uprooting 2 trees and then lifted 200 yards past the highway.

BUTLER COUNTY --- 2.1 N QUALITY [37.10, -86.85]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------------|
| | 02/24/18 21:21 CST | | 25K | Thunderstorm Wind (EG 55 kt) |
| | 02/24/18 21:21 CST | | 0 | Source: NWS Storm Survey |

A barn was damaged and a large tree was uprooted along Huntsville-Quality Road.

| | | | | |
|---|--------------------|--|-------|---------------------------------|
| BULLITT COUNTY --- 1.3 ESE STIBBINS [38.01, -85.86], 1.7 E STIBBINS [38.02, -85.85], 1.3 E STIBBINS [38.02, -85.86], 1.0 NE CUIPIO [38.01, -85.87] | 02/24/18 21:23 EST | | 0.10M | Flash Flood (due to Heavy Rain) |
| | 02/24/18 21:23 EST | | 0 | Source: Broadcast Media |

Local media reported KY 1526 was closed between mile marker 1 and 2 because of flash flooding and a road washout.

| | | | | |
|--|--------------------|--|-----|------------------------------|
| WARREN COUNTY --- 1.3 WNW BOWLING GREEN [36.99, -86.45] | 02/24/18 21:38 CST | | 25K | Thunderstorm Wind (EG 55 kt) |
| | 02/24/18 21:38 CST | | 0 | Source: Public |

The public reported trees down on power lines near the corner of Cabell Drive and Chestnut Street.

| | | | | |
|---|--------------------|--|---|------------------------------|
| WARREN COUNTY --- 1.8 NW ROCKFIELD [36.92, -86.57] | 02/24/18 21:38 CST | | 0 | Thunderstorm Wind (EG 55 kt) |
| | 02/24/18 21:38 CST | | 0 | Source: Trained Spotter |

Trained spotters reported trees down in the area.

| | | | | |
|--|--------------------|--|---|---------------------------------|
| TRIMBLE COUNTY --- 3.0 SSE ABBOTT [38.53, -85.30], 3.9 SSE ABBOTT [38.52, -85.30], 4.0 SSE ABBOTT [38.52, -85.28], 2.9 SSE ABBOTT [38.53, -85.29] | 02/24/18 21:41 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 21:41 EST | | 0 | Source: Department of Highways |

Department of Highways reported high water over the road in several places on Kentucky Highway 3175 and Sulphur Bedford Road.

| | | | | |
|--|--------------------|--|---|------------------------------|
| WARREN COUNTY --- 1.7 W BOWLING GREEN [36.98, -86.46] | 02/24/18 21:43 CST | | 0 | Thunderstorm Wind (MG 60 kt) |
| | 02/24/18 21:43 CST | | 0 | Source: Public |

| | | | | |
|--|--------------------|--|---|------------------------------|
| WARREN COUNTY --- 0.9 SW (BWG)BOWLING GREEN A [36.96, -86.43] | 02/24/18 21:44 CST | | 0 | Thunderstorm Wind (MG 50 kt) |
| | 02/24/18 21:44 CST | | 0 | Source: ASOS |

The peak wind gust at Bowling Green Regional Airport was 50 kts.

| | | | | |
|--|--------------------|--|---|---------------------------------|
| BULLITT COUNTY --- 1.3 ENE SHEPHERDSVILLE [37.99, -85.70], 1.0 E SHEPHERDSVILLE [37.98, -85.70], 1.6 E SHEPHERDSVILLE [37.98, -85.69], 1.7 ENE SHEPHERDSVILLE [37.99, -85.69] | 02/24/18 21:45 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 21:45 EST | | 0 | Source: Public |

Public reported flash flooding of the Salt River near I-65 bridge.

| | | | | |
|--|--------------------|--|---|------------------------------|
| WARREN COUNTY --- 1.1 W MT VICTOR [36.98, -86.40] | 02/24/18 21:45 CST | | 0 | Thunderstorm Wind (EG 55 kt) |
| | 02/24/18 21:45 CST | | 0 | Source: Public |

The public reported a tree down blocking the 2100 block of Mount Victor Lane.

| | | | | |
|--|--------------------|--|-------|---------------------------------|
| BULLITT COUNTY --- 1.8 NE STIBBINS [38.04, -85.86], 1.3 NE STIBBINS [38.03, -85.86], 1.0 NNE STIBBINS [38.03, -85.87], 1.2 NNE STIBBINS [38.04, -85.87] | 02/24/18 21:50 EST | | 0.10M | Flash Flood (due to Heavy Rain) |
| | 02/24/18 21:50 EST | | 0 | Source: Public |

The public reported portion of Weavers Run Road was washed out in Bullitt County.

| | | | | |
|--|--|--|--|--|
| SIMPSON COUNTY --- 2.2 E SCHWEIZER [36.67, -86.59], 0.7 WSW FLAT ROCK [36.68, -86.56] | | | | |
|--|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------------------|
| | 02/24/18 21:50 CST | | 50K | Tornado (EF0, L: 1.68 mi , W: 100 yd) |
| | 02/24/18 21:52 CST | | 0 | Source: NWS Storm Survey |

The National Weather Service conducted a storm survey across Simpson County. The tornado began just southwest of Lake Spring Road where a couple of trees were snapped or uprooted and a large 24 x 36 barn experienced extensive roof panel damage. Maximum winds were estimated at 80 mph with a width between 75 and 100 yards.

The tornado continued to cross farmland before striking another barn near the 31W intersection. The tornado threw metal sheeting from the barn in various directions with much of it suspended up in the trees. There were a couple twisted trees on both sides of Highway 31W. Maximum winds at this location were 75 mph with a width of 75 yards. The tornado lifted on the northeast side of the highway.

EDMONSON COUNTY --- 1.1 E ARTHUR [37.17, -86.18]

| | | |
|--------------------|---|------------------------------|
| 02/24/18 21:54 CST | 0 | Thunderstorm Wind (EG 55 kt) |
| 02/24/18 21:54 CST | 0 | Source: Public |

The public reported trees down on Highway 70 near Mammoth Cave National Park blocking both sides.

HANCOCK COUNTY --- 1.1 W HAWESVILLE [37.90, -86.77], 2.9 S HAWESVILLE [37.86, -86.74], 2.1 WNW SKILLMAN [37.88, -86.72], 0.8 NW HAWESVILLE [37.91, -86.76]

| | | |
|--------------------|---|---------------------------------|
| 02/24/18 22:00 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/24/18 22:00 CST | 0 | Source: State Official |

State officials reported numerous roads flooded and experienced high water.

JEFFERSON COUNTY --- 0.9 NW WEST BUECHEL [38.19, -85.66], 0.6 NE PETERSBURG [38.18, -85.66], 0.5 NW WEST BUECHEL [38.18, -85.66], 0.8 NNW WEST BUECHEL [38.19, -85.66]

| | | |
|--------------------|---|---------------------------------|
| 02/24/18 22:30 EST | 0 | Flash Flood (due to Heavy Rain) |
| 02/24/18 22:30 EST | 0 | Source: Amateur Radio |

Fire department performed water rescues of residents stranded by flash flooding.

GREEN COUNTY --- 0.4 NE DONANSBURG [37.23, -85.62], 0.5 WSW WEBBS XRDS [37.25, -85.61]

| | | |
|--------------------|-------|---------------------------------------|
| 02/24/18 22:33 CST | 0.13M | Tornado (EF2, L: 1.30 mi , W: 100 yd) |
| 02/24/18 22:35 CST | 0 | Source: NWS Storm Survey |

An EF2 tornado touched down east of a row of trees, where it caused roof damage to 2 out of 3 barns. The tornado headed east, where it downed 2 other barns. One, on the left side of the path, was shifted south, and the other, to the right of the path, was shifted north. Tall grass along a fence line within the width of the tornado showed evidence of convergence. Also, a large tree on the north side of the path was snapped southward and drug 10 feet south. Heading east, several trees fell near a residence, but none damaged the house itself. A detached garage had its door blown outward. Next, a 2 story house had some roof damage and a porch on the lee side of the house had a column fly out down a field about 50 yards. Lastly, the tornado struck a barn and several trees fell. At this residence, a carport was thrown over the house and landed 100 yards east. A few other trees fell beyond this point before the tornado lifted.

JEFFERSON COUNTY --- RICHLAWN [38.25, -85.60], 0.4 S RICHLAWN [38.24, -85.60], 0.4 SE RICHLAWN [38.25, -85.59], 0.2 ENE RICHLAWN [38.25, -85.60]

| | | |
|--------------------|-----|---------------------------------|
| 02/24/18 22:38 EST | 25K | Flash Flood (due to Heavy Rain) |
| 02/24/18 22:38 EST | 0 | Source: Amateur Radio |

Amateur radio reported the entrance to apartment complex flooded.

JEFFERSON COUNTY --- 0.5 E FAIRDALE [38.10, -85.76], 0.6 SE FAIRDALE [38.09, -85.76], 0.1 SW FAIRDALE [38.10, -85.77], 0.6 NNE FAIRDALE [38.11, -85.76]

| | | |
|--------------------|---|---------------------------------|
| 02/24/18 22:55 EST | 0 | Flash Flood (due to Heavy Rain) |
| 02/24/18 22:55 EST | 0 | Source: Amateur Radio |

Amateur radio reported significant flash flooding in the Holly Hills subdivision on Mitchell Hill Road.

BULLITT COUNTY --- 1.8 NE STIBBINS [38.04, -85.86]

| | | |
|--------------------|-------|------------------------------|
| 02/24/18 22:56 EST | 0.10M | Thunderstorm Wind (EG 55 kt) |
| 02/24/18 22:56 EST | 0 | Source: NWS Employee |

Off duty NWS employee reported trees down on Weavers Run Road and a portion of the road was washed out from heavy rain and flash flooding.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------|
| GREEN COUNTY --- 2.8 WSW GREENSBURG [37.26, -85.55] | | | | |
| | 02/24/18 22:57 CST | | 50K | Thunderstorm Wind (EG 55 kt) |
| | 02/24/18 22:57 CST | | 0 | Source: Broadcast Media |
| Local media reported trees and power lines down with power outages. | | | | |
| HENRY COUNTY --- 1.3 W CAMPBELLSBURG [38.52, -85.22], 1.0 N TURNERS STATION [38.56, -85.17], 2.9 E HARPERS FERRY [38.36, -84.88], 1.7 NW NEW CASTLE [38.45, -85.19] | | | | |
| | 02/24/18 23:00 EST | | 85K | Flash Flood (due to Heavy Rain) |
| | 02/25/18 03:00 EST | | 0 | Source: Emergency Manager |
| Numerous county roads over-topped by swift moving water, resulting in washed out asphalt and culverts, and land slides. | | | | |
| GREEN COUNTY --- 0.7 N GRAB [37.23, -85.60] | | | | |
| | 02/24/18 23:03 CST | | 25K | Thunderstorm Wind (EG 55 kt) |
| | 02/24/18 23:03 CST | | 0 | Source: Emergency Manager |
| Green County Emergency Manager reported several trees and power lines down along Grab Road, southwest of Greensburg. | | | | |
| JEFFERSON COUNTY --- 0.5 W RICHLAWN [38.25, -85.61], 0.3 S RICHLAWN [38.25, -85.60], 0.3 NNE RICHLAWN [38.25, -85.60], 0.5 WNW RICHLAWN [38.25, -85.61] | | | | |
| | 02/24/18 23:12 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:12 EST | | 0 | Source: Broadcast Media |
| Local media reported water rescues near Oxmoor Mall on Shelbyville Road. | | | | |
| HARDIN COUNTY --- 2.1 NNW MARTIN BOX [37.70, -85.91], 1.2 WSW ELIZABETH TOWN [37.70, -85.89], 1.3 WNW ELIZABETH TOWN [37.71, -85.89], 2.2 WNW ELIZABETH TOWN [37.71, -85.91] | | | | |
| | 02/24/18 23:41 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:41 EST | | 0 | Source: Public |
| The public reported flash flooding in the area. | | | | |
| JEFFERSON COUNTY --- 1.3 ESE (SDF)STANIFORD FLD L [38.17, -85.71], 1.4 SW NEWBURG [38.16, -85.70], 0.3 SSE PETERSBURG [38.18, -85.67], 0.5 W PETERSBURG [38.18, -85.68] | | | | |
| | 02/24/18 23:57 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:57 EST | | 0 | Source: Public |
| The public reported widespread flooding with cars floating in ditches near West Indian Trail near the PNC Bank. | | | | |
| JEFFERSON COUNTY --- 0.7 S RICHLAWN [38.24, -85.60], 0.3 S RICHLAWN [38.25, -85.60], 0.6 SW RICHLAWN [38.24, -85.61], 0.7 SSW RICHLAWN [38.24, -85.60] | | | | |
| | 02/24/18 23:59 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:59 EST | | 0 | Source: Public |
| Public reported high water over roadway in Oxmoor Woods subdivision. | | | | |
| JEFFERSON COUNTY --- 1.3 WSW MINOR LANE HGTS [38.12, -85.75], 0.9 ENE FAIRDALE [38.11, -85.75], 0.9 WSW GLENGARY [38.12, -85.74], 0.7 SW MINOR LANE HGTS [38.12, -85.74] | | | | |
| | 02/25/18 00:05 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/25/18 00:05 EST | | 0 | Source: Amateur Radio |
| Amateur radio reported flooded streets at National Turnpike and Gene Snyder. | | | | |
| JEFFERSON COUNTY --- 1.3 ESE (SDF)STANIFORD FLD L [38.17, -85.71], 1.6 SSE (SDF)STANIFORD FLD L [38.16, -85.71], 1.3 SW NEWBURG [38.16, -85.70], 0.9 WNW NEWBURG [38.17, -85.70] | | | | |
| | 02/25/18 00:25 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/25/18 00:25 EST | | 0 | Source: Broadcast Media |
| Local media reported cars floating in the flood waters at West Indian Trail in Okalona. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------|
| OLDHAM COUNTY --- 0.9 NE HARMONY VLG [38.41, -85.61], 0.8 NE BELKNAP BEACH [38.39, -85.61], 0.7 N BELKNAP BEACH [38.39, -85.62], 0.6 NNE HARMONY VLG [38.41, -85.61] | | | | |
| | 02/25/18 00:30 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/25/18 00:30 EST | | 0 | Source: Department of Highways |

Department of Highways reported Highway 3222 flooded. Numerous other roads in the county experienced flooding.

| | | | | |
|--|--------------------|--|-----|---------------------------------------|
| GARRARD COUNTY --- 0.4 S HACKLEY [37.62, -84.47], 0.3 S HACKLEY [37.63, -84.47] | | | | |
| | 02/25/18 00:50 EST | | 50K | Tornado (EF1, L: 0.10 mi , W: 100 yd) |
| | 02/25/18 00:51 EST | | 0 | Source: NWS Storm Survey |

A small and brief EF1 tornado touched down near a ridge-top on Gillespie Pike east of Lancaster. The tornado first uprooted a tree, then came to a small shed, which it shifted off its foundation into a fence. The main property for that shed then had a loss of roof covering as well as impact from debris. Another outbuilding was overturned and slid about 10 feet. The tornado then crossed the street, where a brick veneer home lost part of its outer wall, as it was struck by debris, as well as some roof damage. A couple of columns on the porch fell. The adjoining garage lost its roof and doors were bent inward, falling onto the vehicles inside. A barn behind the house collapsed and another outbuilding completely lost its walls, but the contents were not disturbed. This is the point where the tornado lifted.

A stalled frontal boundary interacting with highly anomalous moisture from the Gulf of Mexico interacted with multiple weather systems that brought widespread heavy rainfall and severe thunderstorms to central Kentucky February 24 through the early morning hours February 25. A Flash Flood Emergency was issued for Jefferson County, KY including Louisville metro. There were over 50 water rescues alone in Jefferson County that evening. Widespread flash flooding occurred with most streams and creeks reaching record levels.

In addition, across south central Kentucky, 7 tornadoes developed along a warm front during the afternoon and evening hours. The strongest tornado was an EF-2 that tracked over 11 miles in Logan County and tragically killed a woman in her home. As a squall line moved through during the late evening and early morning hours, damaging winds occurred across central Kentucky.

KENTUCKY, Eastern

| | | | | |
|---|--------------------|--|-------|---------------------------|
| HARLAN COUNTY --- CRANKS [36.77, -83.17], 0.9 ENE FRESH MEADOWS [36.83, -83.36], 0.2 WSW BAILEY CREEK [36.88, -83.18], 1.7 SSE BLACK MTN [36.83, -83.14] | | | | |
| | 02/10/18 17:00 EST | | 0.50M | Flood (due to Heavy Rain) |
| | 02/11/18 13:05 EST | | 0 | Source: Emergency Manager |

Numerous roads in Cranks, Evarts, and Harlan and elsewhere around the county were closed or impassable due to flooding. A written state of emergency was declared for Harlan County during the height of the flooding.

| | | | | |
|--|--------------------|--|----|---------------------------|
| PIKE COUNTY --- 5.0 S PIKEVILLE [37.41, -82.52], 0.4 NW DOUGLAS [37.38, -82.56], 1.7 WSW GREASY CREEK [37.37, -82.51], 1.2 SSE RICHAM [37.40, -82.49] | | | | |
| | 02/10/18 17:06 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/11/18 14:00 EST | | 0 | Source: Public |

Heavy rain caused flooding along Buckfield Branch near Shelby Creek in the vicinity of the Robinson Creek community.

| | | | | |
|--|--------------------|--|----|---------------------------|
| BELL COUNTY --- 0.8 SSW BEVERLY [36.92, -83.54], 2.0 SSW BEVERLY [36.90, -83.55], 1.8 SSE BEVERLY [36.90, -83.52], 1.0 SE BEVERLY [36.92, -83.52] | | | | |
| | 02/10/18 17:09 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/11/18 14:15 EST | | 0 | Source: Trained Spotter |

Water was covering Mud Lick Road near Beverly.

| | | | | |
|--|--------------------|--|-------|---------------------------|
| BELL COUNTY --- 4.0 WNW PINEVILLE [36.79, -83.75], 2.0 SE PINEVILLE [36.75, -83.65], 2.5 SE BINGHAMTON [36.61, -83.67], 3.0 W MIDDLESBORO [36.60, -83.77] | | | | |
| | 02/10/18 17:09 EST | | 0.10M | Flood (due to Heavy Rain) |
| | 02/11/18 14:15 EST | | 0 | Source: Emergency Manager |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|-----------|-------------------|---------------------|------------------------|
| Numerous roads were flooded in and around Pineville and Middlesboro including: Old Pineville Pike in Middlesboro, Highway's 2013 and 1534 in Pineville, Highway 221 at mile marker 9 in Stoney Fork and the intersection of 17th Street and Cumberland Ave in Middlesboro. A water rescue had to be performed 4 miles west northwest of Pineville at Magnet Hollow on Kentucky Highway 92 after a motorist drove into a flooded roadway. There was several feet of water across portions of Old Bell High Road near Pineville. Flooding also caused a mudslide on Kentucky Highway 74 near Middlesboro. The road was closed for around 2 weeks to clear the mudslide and repair the road. | | | | |

KNOX COUNTY --- BARBOURVILLE [36.87, -83.88], 1.0 SW BARBOURVILLE [36.86, -83.89], 1.2 S BARBOURVILLE [36.85, -83.88], 0.8 ESE BARBOURVILLE [36.86, -83.87]

| | | |
|--------------------|----|--------------------------------|
| 02/10/18 17:09 EST | 1K | Flood (due to Heavy Rain) |
| 02/11/18 13:15 EST | 0 | Source: Department of Highways |

The following roads were partially blocked throughout the county due to flooding: KY 3153, KY 3439, KY 225, KY 11, KY 223, KY 1527, and KY 459. Kentucky Highway 459 at Wynn Hollow Road was impassable due to flooding (broadcast media).

LESLIE COUNTY --- SMILAX [37.13, -83.28], 0.8 S ROCKHOUSE [37.12, -83.43], 0.4 S THOUSANDSTICKS [37.17, -83.42], 0.6 ENE BROWN CHAPEL [37.17, -83.29]

| | | |
|--------------------|----|---------------------------|
| 02/10/18 17:09 EST | 1K | Flood (due to Heavy Rain) |
| 02/11/18 10:15 EST | 0 | Source: Broadcast Media |

Both broadcast media and the public reported that flood waters had tore a culvert out of the ground on Levis Branch Road in Smilax, and that a city park in Hyden was flooded due to overflow of the Middle Fork of the Kentucky River in that area.

LESLIE COUNTY --- WOOTON [37.18, -83.30], 1.5 SE BROWN CHAPEL [37.16, -83.28], 1.8 WSW BROWN CHAPEL [37.16, -83.33], 1.5 W WOOTON [37.18, -83.33]

| | | |
|--------------------|----|---------------------------|
| 02/10/18 17:09 EST | 1K | Flood (due to Heavy Rain) |
| 02/11/18 10:15 EST | 0 | Source: Broadcast Media |

Highway 699 was closed due to high water.

MCCREARY COUNTY --- 2.0 W HOLLYHILL [36.67, -84.36], 1.0 NE HOLLYHILL [36.68, -84.31], 1.5 ESE HOLLYHILL [36.66, -84.29], 1.7 SW HOLLYHILL [36.65, -84.34]

| | | |
|--------------------|----|---------------------------|
| 02/10/18 17:09 EST | 1K | Flood (due to Heavy Rain) |
| 02/11/18 12:15 EST | 0 | Source: Law Enforcement |

A portion of Highway 92 was closed due to high water.

PULASKI COUNTY --- 0.3 E SCIENCE HILL [37.18, -84.61], 2.6 S ETNA [37.19, -84.57], 2.0 W DABNEY [37.18, -84.57], 1.2 SE SCIENCE HILL [37.17, -84.60]

| | | |
|--------------------|----|---------------------------|
| 02/10/18 17:09 EST | 1K | Flood (due to Heavy Rain) |
| 02/11/18 14:15 EST | 0 | Source: Trained Spotter |

Two to three inches of water were observed flowing across mainly the eastbound lane of Highway 635.

BREATHITT COUNTY --- 1.5 WSW WOLVERINE [37.58, -83.45], 1.5 SE KECK [37.58, -83.35], 0.7 NNW CLAYHOLE [37.48, -83.30], 1.8 NE CANOE [37.47, -83.43]

| | | |
|--------------------|-----|---------------------------|
| 02/10/18 21:38 EST | 10K | Flood (due to Heavy Rain) |
| 02/11/18 12:30 EST | 0 | Source: NWS Employee |

A portion of Highway 476 was flooded near Lost Creek due to Troublesome Creek coming out of its banks. A portion of Wolverine Road was flooded due to the North Fork of the Kentucky River overflowing its banks. Kentucky Highway 541 was under water near Jackson. A car was stranded in the flood water near the Kentucky Mountain Bible College in this same location.

FLOYD COUNTY --- 1.0 NNW ALPHORETTA [37.58, -82.78], 1.0 WNW ARKANSAS [37.59, -82.75], 0.6 SW ARKANSAS [37.57, -82.74], 0.1 WSW ALPHORETTA [37.57, -82.77]

| | | |
|--------------------|----|---------------------------|
| 02/10/18 21:38 EST | 1K | Flood (due to Heavy Rain) |
| 02/11/18 12:30 EST | 0 | Source: Public |

Two feet of water were observed flowing across portions of KY 122 near Bucks Branch.

PERRY COUNTY --- 3.0 NW HAZARD [37.28, -83.24], 0.5 E HILTON [37.28, -83.17], 0.5 NE LOTHAIR [37.26, -83.17], 1.0 SSW SUNFIRE [37.26, -83.24]

| | | |
|--------------------|-----|---------------------------|
| 02/10/18 21:38 EST | 15K | Flood (due to Heavy Rain) |
| 02/11/18 12:30 EST | 0 | Source: Broadcast Media |

Storm Data and Unusual Weather Phenomena - February 2018

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

A water rescue had to be performed in Bonnyman on Typo Road. Four individuals and pets were trapped inside a home after it had become surrounded by 4 feet of water after First Creek overtopped its banks. A water rescue also had to be performed on Cherokee Hills Road in Hazard after a man drove his car into the north fork of the swollen Kentucky River.

HARLAN COUNTY --- CUMBERLAND [36.97, -82.98], 0.1 SW SAND HILL [36.97, -83.00], 0.7 NNE SAND HILL [36.98, -83.00], 0.5 N CUMBERLAND [36.98, -82.98]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/10/18 21:50 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 13:05 EST | | 0 | Source: Public |

Many roads in and around Cumberland were covered with water, including Main Street near Highway 119. A written state of emergency was declared for Harlan County during the height of the flooding.

LETCHER COUNTY --- MAYKING [37.13, -82.75], 0.6 SE SERGENT [37.14, -82.74], 0.7 S KONA [37.14, -82.73], 0.9 ENE BILVIA [37.13, -82.73]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/10/18 22:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 11:00 EST | | 0 | Source: Broadcast Media |

Running flood waters covered a portion of Highway 3406 at the bottom fork of Mayking.

LETCHER COUNTY --- ISOM [37.18, -82.92], 1.0 E ISOM [37.18, -82.90], 1.1 ENE ISOM [37.19, -82.90], 0.7 NE ISOM [37.19, -82.91]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/10/18 23:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 11:30 EST | | 0 | Source: Public |

Flood waters covered a portion of Kentucky Highway 7 near Isom.

HARLAN COUNTY --- 1.0 WNW LYNCH [36.98, -82.94], 0.7 E LYNCH [36.97, -82.91], 0.8 SSE LYNCH [36.96, -82.92], 0.6 SW BENHAM [36.96, -82.94]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/11/18 00:10 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 13:05 EST | | 0 | Source: Law Enforcement |

Kentucky Highway 160 was closed through Lynch due to flooding. A written state of emergency was declared for Harlan County during the height of the flooding.

LETCHER COUNTY --- 1.7 ENE ULVAH [37.14, -83.02], 1.7 WNW BLACKKEY [37.14, -83.01], 1.6 W BLACKKEY [37.13, -83.01], 1.7 E ULVAH [37.13, -83.02]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/11/18 00:10 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/11/18 14:00 EST | | 0 | Source: Public |

Kentucky Highway 7 was under water near Old Indian Bottom Church outside of Blackkey.

PIKE COUNTY --- PIKEVILLE [37.48, -82.52], 1.6 E PIKEVILLE [37.48, -82.49], 1.8 ESE PIKEVILLE [37.47, -82.49], 0.6 SSE PIKEVILLE [37.47, -82.52]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/11/18 06:55 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/11/18 13:45 EST | | 0 | Source: Emergency Manager |

Walters Road off Chloe Creek was impassable due to high water.

LEE COUNTY --- BEATTYVILLE [37.58, -83.72], 1.9 W ST HELENS [37.58, -83.68], 2.1 ENE CONGLETON [37.56, -83.68], 0.5 S PROCTOR [37.56, -83.72]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/11/18 10:30 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/11/18 13:30 EST | | 0 | Source: Public |

A portion of Kentucky Highway 52 near downtown Beattyville was flooded due to the north fork of the Kentucky River overflowing its banks.

FLOYD COUNTY --- 1.0 ESE IVEL [37.59, -82.65], 1.5 NE TRAM [37.60, -82.63], 0.9 N BETSY LAYNE [37.58, -82.63], 0.1 NW TRAM [37.58, -82.65]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/11/18 14:15 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/11/18 15:45 EST | | 0 | Source: Trained Spotter |

Toms Creek was inundated by flood waters.

FLOYD COUNTY --- 1.0 NNW JUSTELL [37.58, -82.63], 1.8 NE JUSTELL [37.58, -82.59], 1.7 ESE JUSTELL [37.56, -82.59], 0.5 SSE BETSY LAYNE [37.56, -82.63]

| | | | | |
|--|--------------------|--|-----|---------------------------|
| | 02/11/18 14:30 EST | | 50K | Flood (due to Heavy Rain) |
| | 02/11/18 15:45 EST | | 0 | Source: Trained Spotter |

A horse farm was washed out by the flooded Levisa Fork.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------|
| JOHNSON COUNTY --- 0.3 NE DAWKINS [37.77, -82.77], 1.2 ENE DAWKINS [37.77, -82.75], 1.1 N NERO [37.77, -82.75], 0.4 SE DAWKINS [37.77, -82.76] | | | | |
| | 02/11/18 16:50 EST | | 25K | Flood (due to Heavy Rain) |
| | 02/11/18 21:50 EST | | 0 | Source: Trained Spotter |

The Powell Edition Horse Stable was inundated by flood waters just off Highway 23 as you turn into Van Lear.

A prolonged period of light to moderate rain led to flooding across portions of eastern Kentucky, particularly southeastern Kentucky, beginning during the overnight hours of Friday, February 9 into Saturday, February 10, 2018. This occurred along and ahead of a slow moving frontal boundary as generally between 1.5 and 4.5 inches of rain fell across eastern Kentucky. The hardest hit area was Harlan County, where flooding occurred across much of the county as up to 5.5 inches of rain fell. A state of emergency was declared as the Cumberland River at Baxter reached major flood stage, prompting the closure of all of the city of Harlan's floodgates. The floodgate for the city of Pikeville was also closed as the Levisa Fork of the Big Sandy River breached 38 feet. Additional emergency declarations were made in Bell, Clay, Floyd, Knott, Knox, Leslie, Letcher, and Perry Counties, as well as for the city of Pineville, as numerous tributaries and the main stems of the Kentucky, Cumberland, and Levisa Fork of the Big Sandy Rivers exceeded bankfull.

Nearly 2,200 power outages were blamed on the widespread flooding, while thousands of boil water advisories were issued as shelters were opened to provide water. Several bridges were also inspected by engineers for structural integrity as the flood waters receded. A number of water rescues took place during the weekend and into Monday morning, including nearly half a dozen in and around Hazard. Hundreds of people were forced from their homes as river flooding along portions of the Kentucky and Cumberland Rivers continued well into the following week. In addition, the saturated ground led to several landslides and mudslides, including one along Kentucky Highway 74 near Middlesboro.

Maximum storm total rainfall amounts from various eastern Kentucky rain gauges (by county) were as follows:

February 10-11, 2018 Maximum Rainfall Totals (3 inches +)

...Bell County Gauges...

| | |
|-----------------------|-------------|
| Middlesboro AWOS | 4.54 inches |
| Yellow Creek RAWS | 3.45 inches |
| Meldrum Stream Gauge | 5.00 inches |
| Pineville River Gauge | 4.32 inches |
| Arjay IFLOWS | 4.25 inches |

...Harlan County Gauges...

| | |
|-------------------------|-------------|
| Harlan 3S | 4.71 inches |
| Harlan 3N Coop | 4.60 inches |
| Harlan 24E Mesonet | 5.59 inches |
| Cumberland River Gauge | 4.27 inches |
| Lloyal River Gauge | 4.92 inches |
| Cranks Creek Lake Gauge | 4.82 inches |
| Big Black IFLOWS | 4.14 inches |
| Evarts IFLOWS | 3.76 inches |
| Cumberland IFLOWS | 4.08 inches |

...Knott County Gauges...

| | |
|------------|-------------|
| Hindman 5N | 4.11 inches |
|------------|-------------|

...Knox County Gauges...

| | |
|--------------------------|-------------|
| Barbourville Water Coop | 3.66 inches |
| Barbourville 3E Mesonet | 4.11 inches |
| Barbourville River Gauge | 3.72 inches |
| Artemus IFLOWS | 3.92 inches |
| Dewitt IFLOWS | 4.48 inches |
| Helton Branch IFLOWS | 3.55 inches |
| Johnson Hollow IFLOWS | 3.03 inches |
| Pidgeon Fork IFLOWS | 3.88 inches |

...Leslie County Gauges...

| | |
|-------------------|-------------|
| Hyden River Gauge | 3.77 inches |
|-------------------|-------------|

...Letcher County Gauges...

| | |
|---------------------|-------------|
| Whitesburg 2NW | 3.43 inches |
| Whitesburg 2SE Coop | 3.81 inches |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|------------------------------|--------------|-------------------|---------------------|------------------------|
| Skyline Coop | 3.52 inches | | | |
| Whitesburg 2NW Mesonet | 3.43 inches | | | |
| Whitesburg River Gauge | 3.65 inches | | | |
| ...McCreary County Gauges... | | | | |
| Whitley City 3N | 3.48 inches | | | |
| Stearns Coop | 3.76 inches | | | |
| Whitley City 3N Mesonet | 3.47 inches | | | |
| Stearns River Gauge | 4.00 inches | | | |
| ...Perry County Gauges... | | | | |
| Hazard Water Plant Coop | 3.65 inches | | | |
| Viper 0.5N COCORAHS | 3.43 inches | | | |
| Hazard River Gauge | 3.44 inches | | | |
| ...Pike County Gauges... | | | | |
| Pikeville 13S Mesonet | 3.44 inches | | | |
| Fishtrap Lake Gauge | 3.01 inches | | | |
| Virgie Gauge | 3.20 inches | | | |
| Elkhorn City River Gauge | 3.54 inches | | | |
| Myra IFLOWS | 3.38 inches | | | |
| Virgie IFLOWS | 3.34 inches | | | |
| Beefhide IFLOWS | 3.59 inches. | | | |

PULASKI COUNTY --- 0.6 WSW ETNA [37.23, -84.58], 1.1 WNW DABNEY [37.19, -84.55]

| | | |
|--------------------|---|------------------------------|
| 02/25/18 00:52 EST | 0 | Thunderstorm Wind (EG 51 kt) |
| 02/25/18 00:54 EST | 0 | Source: 911 Call Center |

Dispatch reported multiple trees blown down from northeast of Science Hill at the intersection of Kentucky Highway 452 and Etna Church Road to Dabney along Kentucky Highway 39.

ROCKCASTLE COUNTY --- BRODHEAD [37.40, -84.42]

| | | |
|--------------------|---|------------------------------|
| 02/25/18 00:56 EST | 0 | Thunderstorm Wind (EG 50 kt) |
| 02/25/18 00:56 EST | 0 | Source: Public |

A citizen reported a large tree blown down in Brodhead.

A decaying line of thunderstorms arrived across the Lake Cumberland and Bluegrass regions of eastern Kentucky late in the evening of February 24. This line progressed eastward through the night, producing a few severe wind gusts across Rockcastle and Pulaski Counties shortly after midnight.

KENTUCKY, Northeast

BOYD COUNTY --- 0.4 NNW RUSH [38.34, -82.78], 0.2 SW RUSH [38.33, -82.78], 0.2 SE RUSH [38.33, -82.78], 0.6 NNE RUSH [38.34, -82.78]

| | | |
|--------------------|-------|---------------------------|
| 02/07/18 11:05 EST | 0.50K | Flood (due to Heavy Rain) |
| 02/07/18 13:00 EST | 0 | Source: Emergency Manager |

The intersection of State Routes 1654 and 854 was closed due to flooding along Rush Creek and Williams Creek.

A low pressure system moved through the southern Ohio River Valley on the 6th, crossing the middle Ohio River Valley on the 7th. This system tapped into moisture from the Gulf of Mexico and brought a prolonged period of moderate to heavy rainfall. Many rain gauges across northeastern Kentucky reported 24 hour rainfall amounts of 1.25 to 1.5 inches, resulting in minor flooding.

LAWRENCE COUNTY --- 1.1 WNW WEBBVILLE [38.18, -82.89], 1.5 SW HOUCKVILLE [38.10, -82.87], 1.1 SSE LOUISA [38.11, -82.59], 1.1 W LOUISA [38.12, -82.62], 1.0 N CADMUS [38.18, -82.68]

| | | |
|--------------------|-----|---------------------------|
| 02/11/18 09:00 EST | 15K | Flood (due to Heavy Rain) |
| 02/11/18 13:00 EST | 0 | Source: Emergency Manager |

Old Lick Creek spilled over its banks near Louisa, flooding Old Lick Creek Road where several vehicles became stranded in the high water. Dry Fork also flooded near Webbville, closing portions of Route 201.

A frontal system was draped across the central Appalachians on the 10th and 11th. As waves moved along the front, periods of heavy rainfall lead to some flooding across Northeast Kentucky. Rainfall amounts from the storm totaled 1 to 2 inches.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|------------------------------|
| LAWRENCE COUNTY --- 1.3 S BLEVINS [38.05, -82.90], 1.2 ESE MARTHA [37.99, -82.90], 1.0 NNE ULYSSES [37.96, -82.67], 0.7 SW EVERGREEN [38.06, -82.69] | | | | |
| | 02/16/18 13:00 EST | | 5K | Flood (due to Heavy Rain) |
| | 02/16/18 17:00 EST | | 0 | Source: Public |
| Several small creeks came out of their banks, with water getting into roads and yards. Birch Branch of Brushy Creek flooded, as well as the Little Fork of Blaine Creek, where water made it into one basement. | | | | |
| BOYD COUNTY --- 0.6 NW BELLEFONTE [38.49, -82.69], 1.7 S CATLETTSBURG [38.40, -82.60], 1.6 SE ASHLAND [38.45, -82.61], 1.1 N WESTWOOD [38.50, -82.67] | | | | |
| | 02/17/18 21:25 EST | | 2K | Flood (due to Heavy Rain) |
| | 02/21/18 09:48 EST | | 0 | Source: River/Stream Gage |
| In the vicinity of Ashland, KY, the Ohio River surpassed moderate flood stage of 56.6 feet by about a tenth of a foot. The river rose above flood stage late on the 17th, and crested just below 57 feet just after noon on the 19th. The river returned below flood stage during the mid morning hours on the 21st. This caused flooding along Route 3 in Catlettsburg and of some low lying areas outside the flood wall in Ashland. | | | | |
| GREENUP COUNTY --- 1.1 NNE TAYLOR [38.71, -82.92], 1.7 WSW GREENUP [38.57, -82.86], 2.1 W BELLEFONTE [38.48, -82.72], 1.1 S KENWOOD [38.50, -82.68], 0.8 W WURLAND [38.55, -82.78], 0.7 W GREENUP [38.58, -82.84], 0.5 SSE LLOYD [38.61, -82.87], 1.1 N LIMEVILLE [38.72, -82.88] | | | | |
| | 02/17/18 21:25 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/21/18 09:48 EST | | 0 | Source: River/Stream Gage |
| In the stretch of the Ohio River around the Greenup Lock, the river rose above flood stage of 54 feet just before noon on the 18th. The river crested in moderate flooding on the evening of the 19th at just over 57 feet. Moderate flood stage is 56 feet. The river dropped back below flood stage around 3 AM on the 21st. This caused flooding of low lying areas along the river. | | | | |
| A wave of low pressure and surface front crossed from Kentucky and Tennessee into Virginia and West Virginia, producing heavy rainfall on the 16th. Generally 1 to 2 inches of rain fell, resulting in some minor creek and road flooding during the afternoon and evening. Eventually this water worked its way into the Ohio River, which also flooded. | | | | |
| KENTUCKY, Northern | | | | |
| (KY-Z089) CARROLL, (KY-Z090) GALLATIN, (KY-Z091) BOONE, (KY-Z092) KENTON, (KY-Z093) CAMPBELL, (KY-Z094) OWEN, (KY-Z095) GRANT, (KY-Z096) PENDLETON, (KY-Z097) BRACKEN | | | | |
| | 02/06/18 23:00 EST | | 0 | Winter Storm |
| | 02/07/18 13:00 EST | | 0 | |
| (KY-Z098) ROBERTSON | | | | |
| | 02/06/18 23:00 EST | | 0 | Winter Weather |
| | 02/07/18 13:00 EST | | 0 | |
| A low pressure system with warm moist air aloft moved through the region producing a wintery mix of primarily freezing rain, with some sleet and snow mixed in. | | | | |
| (KY-Z090) GALLATIN, (KY-Z097) BRACKEN, (KY-Z099) MASON | | | | |
| | 02/11/18 22:00 EST | | 0 | Winter Weather |
| | 02/12/18 06:00 EST | | 0 | |
| A narrow band of sleet mixed with and changed to snow over Bracken and Mason counties. | | | | |
| (KY-Z090) GALLATIN, (KY-Z091) BOONE, (KY-Z092) KENTON, (KY-Z093) CAMPBELL, (KY-Z095) GRANT | | | | |
| | 02/17/18 11:00 EST | | 0 | Winter Weather |
| | 02/17/18 16:00 EST | | 0 | |
| A mixed precipitation event quickly changed over to a heavy, wet snowfall over portions of the region. | | | | |
| BOONE COUNTY --- UNION [38.95, -84.67] | | | | |
| | 02/21/18 05:32 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 02/21/18 05:37 EST | | 0 | Source: State Official |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------|
| One tree was knocked down. | | | | |
| A line of thunderstorms developed ahead of a cold front, which moved through the region during the early morning hours. | | | | |
| <hr/> | | | | |
| PENDLETON COUNTY --- FALMOUTH [38.67, -84.33], 1.1 E FALMOUTH [38.67, -84.31], 1.2 N FOUR OAKS [38.65, -84.32], 1.1 ESE HAYES [38.64, -84.35], 1.3 W FALMOUTH [38.67, -84.35] | 02/22/18 08:42 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 10:42 EST | | 0 | Source: State Official |
| Several roads were closed due to flooding. | | | | |
| <hr/> | | | | |
| BRACKEN COUNTY --- 2.7 WNW MILFORD [38.59, -84.20], 1.2 N MILFORD [38.60, -84.15], 0.4 SE MILFORD [38.58, -84.15], 2.1 W MILFORD [38.58, -84.19] | 02/22/18 08:53 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 10:53 EST | | 0 | Source: Department of Highways |
| A few roads were closed due to flooding. | | | | |
| <hr/> | | | | |
| MASON COUNTY --- 0.3 ESE HELENA [38.50, -83.77], 0.4 ESE HELENA [38.50, -83.76], 0.5 ESE HELENA [38.50, -83.76], 0.4 SE HELENA [38.50, -83.76] | 02/22/18 08:55 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 10:55 EST | | 0 | Source: Department of Highways |
| Kentucky Highway 324 was closed at Mill Creek, just to the west of Weedonia. | | | | |
| <hr/> | | | | |
| BRACKEN COUNTY --- 0.5 ESE MILFORD [38.58, -84.14], 0.5 WSW SANTA FE [38.58, -84.13], 0.7 NW SANTA FE [38.59, -84.13], 1.6 WNW MILFORD [38.59, -84.18], 1.6 W MILFORD [38.58, -84.18] | 02/22/18 11:55 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 13:55 EST | | 0 | Source: Law Enforcement |
| Kentucky Route 539 was closed due to high water in two places near Milford. | | | | |
| Low pressure tracked east along a stalled front, which was located just southeast of the area, pulling moisture and heavy rain into the region. | | | | |
| <hr/> | | | | |
| CARROLL COUNTY --- 0.9 NE CARROLLTON [38.68, -85.16], 2.5 NE CARROLLTON [38.69, -85.13], 1.5 W EASTERDAY [38.67, -85.11], 1.8 N ENGLISH [38.66, -85.13] | 02/24/18 20:28 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 22:28 EST | | 0 | Source: Law Enforcement |
| Multiple roads were closed throughout the county due to high water. | | | | |
| <hr/> | | | | |
| GALLATIN COUNTY --- 0.5 W SPARTA [38.68, -84.91], 2.1 WSW GLENCOE [38.71, -84.85], 2.5 SSW GLENCOE [38.69, -84.84], 1.1 SSW SPARTA [38.67, -84.91] | 02/24/18 20:35 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 22:35 EST | | 0 | Source: Law Enforcement |
| Multiple roads were closed throughout the county due to high water. | | | | |
| <hr/> | | | | |
| KENTON COUNTY --- 0.9 NW COVINGTON [39.08, -84.51], 0.9 NNW COVINGTON [39.08, -84.50], 0.3 SE COVINGTON [39.07, -84.50], 0.8 ENE SOUTH HILLS [39.05, -84.51], 0.7 WSW COVINGTON [39.07, -84.51] | 02/24/18 21:22 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:22 EST | | 0 | Source: Law Enforcement |
| Multiple roads were closed throughout the county due to high water. | | | | |
| <hr/> | | | | |
| CAMPBELL COUNTY --- 0.7 S ALEXANDRIA [38.96, -84.38], 1.5 NW ONEONTA [38.99, -84.32], 1.7 SSE FLAGG SPG [38.86, -84.26], 1.0 ESE GRANTS LICK [38.84, -84.36] | 02/24/18 21:27 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:27 EST | | 0 | Source: Law Enforcement |
| Multiple roads were closed throughout the county due to high water. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------|
| BOONE COUNTY --- 1.3 WNW FLORENCE [38.99, -84.64], 2.9 S BURLINGTON [38.99, -84.72], 2.5 WSW HUEYS CORNER [38.93, -84.74], 1.2 WNW RICHWOOD [38.93, -84.64] | | | | |
| | 02/24/18 21:39 EST | | 3K | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:39 EST | | 0 | Source: Law Enforcement |

Multiple cars throughout the county were stuck in high water. First responders were called out to assist, but nothing was life threatening.

Strong thunderstorms, with very heavy rainfall, developed ahead of cold front and caused flash flooding.

KENTUCKY, Southwest

| | | | | |
|---|--------------------|--|---|----------------|
| (KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCRACKEN, (KY-Z006) GRAVES, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z013) CALDWELL, (KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS, (KY-Z020) MCLEAN | | | | |
| | 02/06/18 19:00 CST | | 0 | Winter Weather |
| | 02/07/18 05:00 CST | | 0 | |

A moist 500 mb shortwave trough tracked east from the Plains, causing a surface low pressure center to develop northeast from Texas to the central Appalachians. Widespread wintry precipitation occurred as colder air filtered south on the back side of the low. Along and northwest of a line from Mayfield to Madisonville, one-tenth to one-quarter of an inch of ice glazed surfaces. Near the onset of precipitation, a period of sleet was reported. Most of the precipitation fell in the form of freezing rain. The automated observing station at the Paducah airport measured 0.23 inch of ice accretion. Most of the icing was on trees, power lines, and elevated surfaces during the precipitation. There were some small tree limbs broken in the Paducah area. After the precipitation ended, temperatures fell through the 20's, causing icy spots to develop even on paved surfaces. Slick bridges and overpasses were common during the early morning hours, along with many vehicle accidents. State police reported 46 accidents in northwest Kentucky, including 21 in Daviess County alone. Multiple crashes took place on Interstate 24 over the Cumberland River, which separates Lyon and Livingston Counties. Westbound traffic was backed up for several hours. A semi overturned on the icy bridge, and another semi crashed in the median just west of the bridge in Livingston County. At least one other passenger vehicle also crashed.

| | | | | |
|--|--------------------|--|---|---------------------------|
| MUHLENBERG COUNTY --- PARADISE [37.27, -86.98], 0.5 WSW PARADISE [37.27, -86.99], 2.2 NW KNIGHTSBURG [37.24, -86.96], 2.0 SE PARADISE [37.25, -86.95] | | | | |
| | 02/11/18 16:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Moderate flooding occurred on the Green River. At the river gage at Paradise, the river crested at 392.95 feet on the night of the 27th. Flood stage is 380 feet. Some local roads were closed, and considerable flooding of low-lying woods and fields occurred. The river remained above flood stage into March.

| | | | | |
|---|--------------------|--|---|---------------------------|
| MCLEAN COUNTY --- CALHOUN [37.53, -87.27], 0.5 NE CALHOUN [37.53, -87.26], 0.9 ENE CALHOUN [37.53, -87.25], 0.9 ENE LIVERMORE [37.49, -87.12], 0.7 S LIVERMORE [37.47, -87.13] | | | | |
| | 02/15/18 05:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Moderate flooding developed on the Green River. Flooding began in lower Calhoun. A large portion of Rumsey was flooded. Evacuation of homes became necessary. Thousands of acres were flooded in the Island, Rumsey, and Jewel City areas. The river continued rising into March.

Several rounds of heavy rain sent the Green River above flood stage. February monthly precipitation was 4 to 7 inches above normal, with monthly totals of 8 to 10 inches common. This was greater than 200 percent of normal. This was the 4th wettest February on record at Paducah, with a total of 8.55 inches.

| | | | | |
|---|--------------------|--|-----|-------------------------|
| (KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCRACKEN, (KY-Z006) GRAVES, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z009) CALLOWAY, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z017) CHRISTIAN, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS, (KY-Z020) MCLEAN, (KY-Z021) MUHLENBERG, (KY-Z022) TODD | | | | |
| | 02/15/18 11:00 CST | | 22K | Strong Wind (MAX 46 kt) |
| | 02/15/18 19:00 CST | | 0 | |

Strong southwest winds occurred ahead of a cold front that was dropping southward across Missouri and Illinois. Peak wind gusts were mostly from 40 to 50 mph. However, the highest gust at the Paducah airport was 53 mph.

| | | | | |
|---|--|--|--|--|
| CRITTENDEN COUNTY --- TOLU [37.43, -88.25], WESTON [37.47, -88.07], 0.2 WNW FORDS FERRY [37.47, -88.08], 1.6 NE TOLU [37.45, -88.23] | | | | |
|---|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/17/18 20:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

UNION COUNTY --- 3.3 WNW DE KOVEN [37.58, -88.13], 1.5 SW BLACKBURN [37.68, -88.14], 3.8 WNW UNIONTOWN [37.79, -88.00], 2.2 NNE UNIONTOWN [37.80, -87.92]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/17/18 20:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

DAVIESS COUNTY --- OWENSBORO [37.77, -87.12], STANLEY [37.82, -87.25], 3.4 NNE NEWMAN [37.87, -87.27], 3.0 NNW OWENSBORO [37.81, -87.14]

| | | | | |
|--|--------------------|--|-----|---------------------------|
| | 02/19/18 12:00 CST | | 50K | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Moderate flooding occurred along the Ohio River. At the Owensboro river gage, the river crested at 47.3 feet on the 28th. Flood stage there is 40 feet. Panther Creek flooded extensively due to backwater flooding from the Ohio River, which forced isolated evacuations of residents in the area of Pettit. Panther Creek covered parts of U.S. Highway 431 and surrounded a few major businesses such as a home improvement store. A downtown riverside park and parts of Water Street in Owensboro were flooded. Countywide, dozens of county roads and close to 20 state roads were closed.

HENDERSON COUNTY --- 0.3 ENE SCUFFLETOWN [37.92, -87.36], 2.3 W WELLS STORE [37.94, -87.44], 3.0 NNW BASKETT [37.91, -87.49], 3.3 S WHITE CITY [37.90, -87.58], 1.3 NE BASKETT [37.88, -87.45]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/19/18 12:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

MCCRACKEN COUNTY --- RAGLAND [37.17, -88.90], 2.5 NNE RAGLAND [37.20, -88.88], 1.5 ESE ROWLANDTOWN [37.09, -88.60], 0.4 NNE FUTRELL [37.09, -88.65]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/19/18 15:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

BALLARD COUNTY --- 2.6 SE HOLLOWAY [37.05, -89.11], 1.4 ENE OGDEN [37.19, -88.93], 2.7 NNW OGDEN [37.22, -88.96], 3.6 NNW OSCAR [37.18, -89.06], 0.3 WNW HOLLOWAY [37.07, -89.16]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/19/18 18:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

LIVINGSTON COUNTY --- 1.6 NE BIRDSVILLE [37.24, -88.43], 3.0 SE BIRDSVILLE [37.19, -88.42], 3.3 NNW SMITHLAND [37.17, -88.43], 3.1 NNW BAYOU [37.27, -88.50]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/21/18 15:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Several rounds of heavy rain sent the Ohio River above flood stage. February monthly precipitation was 4 to 7 inches above normal, with monthly totals of 8 to 10 inches common. This was greater than 200 percent of normal. This was the 4th wettest February on record at Paducah, with a total of 8.55 inches. The Ohio River rose above flood stage around mid-month along the entire length of the western Kentucky side. Downriver from Owensboro to the Mississippi River, the river continued rising through the end of the month. Low-lying agricultural bottomland was flooded. Some county and state roads were inundated and closed. Riverside access facilities and parks were partially submerged.

(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCRACKEN, (KY-Z006) GRAVES, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z009) CALLOWAY, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z017) CHRISTIAN, (KY-Z021) MUHLENBERG, (KY-Z022) TODD

| | | | | |
|--|--------------------|--|---|-----------|
| | 02/17/18 22:00 CST | | 0 | Dense Fog |
| | 02/18/18 09:00 CST | | 0 | |

The combination of clear skies, light winds, and moist ground from rainfall on the 16th resulted in widespread dense fog over most of western Kentucky except the Henderson and Owensboro area. High pressure was centered directly over the lower Ohio Valley.

GRAVES COUNTY --- 2.2 N SYMSONIA [36.95, -88.52], 2.1 NNE SYMSONIA [36.95, -88.51], 0.3 SSW KALER [36.88, -88.53], 0.8 E DOGWOOD [36.88, -88.56], DOGWOOD [36.88, -88.57], 2.3 N DOGWOOD [36.91, -88.58]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/21/18 13:30 CST | | 1M | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Department of Highways |

A number of roads were flooded and closed in the river bottoms of the Clarks River and its tributaries. Water was over Kentucky Highway 131 at the Graves/McCracken County line. A secondary road was washed out at the intersection of Whitis and Watkins Road northeast of Hickory. Total road damage in Graves County was estimated over one million dollars.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|--------------------------------|
| MCCRACKEN COUNTY --- 0.9 SE WOODLAWN [37.04, -88.56], 2.5 S OAKS [36.93, -88.56], 3.2 SSE SHADY GROVE [36.94, -88.51], 2.2 SE SHADY GROVE [36.96, -88.49], 1.1 N REIDLAND [37.04, -88.53] | | | | |
| | 02/21/18 13:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Department of Highways |
| Several roads were closed due to backwater flooding along the Clarks River, which is a tributary of the Ohio River. Water was over Kentucky Highway 1255 (Bonds Road), Kentucky 131 near the Graves County line, Kentucky 787 near the Marshall County line, and Kentucky 284 between Reidland and Paducah. | | | | |
| CHRISTIAN COUNTY --- 0.5 SSE HOPKINSVILLE [36.84, -87.48], HOPKINSVILLE [36.85, -87.48], 0.6 NNW HOPKINSVILLE ARPT [36.86, -87.45], 2.3 ENE HOPKINSVILLE ARPT [36.86, -87.41], 3.0 WSW HONEY GROVE [36.86, -87.35], 4.0 SW HONEY GROVE [36.84, -87.35] | | | | |
| | 02/22/18 03:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 19:30 CST | | 0 | Source: River/Stream Gage |
| Moderate flooding occurred along the Little River. A number of streets were flooded and closed. Considerable flooding of farmland occurred. At the river gage on the south fork of the Little River at the Hopkinsville bypass, the river crested at 19.33 feet on the afternoon of the 23rd. Flood stage is 18 feet. | | | | |
| TODD COUNTY --- 1.2 ESE GUTHRIE [36.64, -87.15], 1.0 WSW GUTHRIE [36.64, -87.19], 3.2 SSE FAIRVIEW [36.81, -87.28], 1.1 SE TRESS SHOP [36.82, -87.21] | | | | |
| | 02/22/18 04:20 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 09:45 CST | | 0 | Source: Emergency Manager |
| Several roads were flooded in the south part of Guthrie. Water was over a couple of roads near Elkton, including Highway 475. | | | | |
| TRIGG COUNTY --- 2.1 N CADIZ [36.90, -87.82], 3.5 NE TRIGG FURNACE [36.91, -87.87], 1.9 WNW WALLONIA [36.96, -87.80], 1.3 SE WALLONIA [36.94, -87.75] | | | | |
| | 02/22/18 06:23 CST | | 75K | Flood (due to Heavy Rain) |
| | 02/22/18 10:30 CST | | 0 | Source: Emergency Manager |
| Water was over a few low-lying secondary roads near the Little River, mainly along a fork that runs north of Cadiz. | | | | |
| CALDWELL COUNTY --- 2.6 ENE LEWISTOWN [37.17, -87.74], 3.0 E LEWISTOWN [37.15, -87.73], 1.6 ESE LEWISTOWN [37.14, -87.75], 0.5 ESE LEWISTOWN [37.15, -87.77] | | | | |
| | 02/23/18 06:00 CST | | 0.20M | Flood (due to Heavy Rain) |
| | 02/23/18 11:00 CST | | 0 | Source: Broadcast Media |
| U.S. Highway 62 was restricted to one lane due to a landslide near the Hopkins County line. | | | | |
| DAVIESS COUNTY --- 0.7 S OWENSBORO [37.76, -87.12], 0.4 ESE STANLEY [37.82, -87.24], 3.2 NNW CURDSVILLE [37.77, -87.36], 1.6 S SORGHO [37.73, -87.25] | | | | |
| | 02/23/18 06:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 12:00 CST | | 0 | Source: Law Enforcement |
| Several roads were closed due to flooding, mainly along creeks that are tributaries of the Ohio River. Closed state roads included portions of Kentucky Highways 334, 298, and 762. | | | | |
| LYON COUNTY --- 1.4 ENE KUTTAWA [37.08, -88.10], 1.0 NE KUTTAWA [37.08, -88.11], 0.9 SE KUTTAWA [37.06, -88.11], 1.3 ESE KUTTAWA [37.07, -88.10] | | | | |
| | 02/23/18 06:30 CST | | 75K | Flood (due to Heavy Rain) |
| | 02/23/18 11:00 CST | | 0 | Source: Broadcast Media |
| Kentucky Highway 295 near the bluff at the west end of Old Kuttawa was closed due to a landslide. | | | | |
| CALLOWAY COUNTY --- 1.7 E WISWELL [36.58, -88.35], 2.2 SE MURRAY [36.60, -88.29], 1.7 ENE MURRAY [36.63, -88.29], 0.2 WNW MURRAY ARPT [36.67, -88.37] | | | | |
| | 02/23/18 07:40 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 11:00 CST | | 0 | Source: Trained Spotter |
| Street flooding was reported in Murray. A street on the Murray State University campus was partially covered with water. West of Murray, water was over Airport Road near the intersection with Kentucky Highway 80. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------------|
| GRAVES COUNTY --- 2.0 SW FARMINGTON [36.65, -88.55], 2.0 SE FARMINGTON [36.65, -88.49], 2.0 NE FARMINGTON [36.69, -88.49], 2.0 NW FARMINGTON [36.69, -88.55] | | | | |
| | 02/23/18 07:40 CST | | 0.25M | Flood (due to Heavy Rain) |
| | 02/23/18 11:30 CST | | 0 | Source: Trained Spotter |
| Roads were covered by water in and around the Farmington community. | | | | |
| Several rounds of widespread heavy rainfall tracked northeast across western Kentucky. These rounds of heavy rain produced localized flooding of roads, along with longer-term flooding along creeks and tributaries of the Ohio River. In the wake of a surface cold front, a persistent southwest flow of moist air aloft generated multiple rounds of widespread rain. Another cold front then moved east into western Kentucky on the morning of the 23rd. The three-day rainfall total at the Paducah National Weather Service office was 4.05 inches for the 21st, 22nd, and 23rd. | | | | |
| CALDWELL COUNTY --- 8.0 E PRINCETON [37.12, -87.72] | | | | |
| | 02/24/18 14:05 CST | | 0 | Hail (0.88 in) |
| | 02/24/18 14:05 CST | | 0 | Source: Public |
| Nickel-size hail was reported on Highway 672. | | | | |
| CARLISLE COUNTY --- 3.0 SSW KIRBYTON [36.81, -88.87] | | | | |
| | 02/24/18 19:22 CST | | 50K | Thunderstorm Wind (EG 61 kt) |
| | 02/24/18 19:22 CST | | 0 | Source: Emergency Manager |
| On Highway 307, a couple of small grain bins were destroyed. A trampoline and a playhouse were blown around. The damage occurred in very rural farm country. | | | | |
| GRAVES COUNTY --- 1.5 SW BELL CITY [36.52, -88.52], 0.7 ENE BELL CITY [36.53, -88.49] | | | | |
| | 02/24/18 19:37 CST | | 0.10M | Tornado (EF1, L: 2.22 mi , W: 125 yd) |
| | 02/24/18 19:40 CST | | 0 | Source: NWS Storm Survey |
| This EF-1 tornado touched down about 1 mile southwest of Bell City and moved northeast across Highway 97 into Calloway County. The majority of the path and associated damage occurred in Calloway County. In the Graves County portion, a few barns were damaged or destroyed. A house sustained minor damage. Many dozens of trees, some very large, were snapped or uprooted. At least one eyewitness observed the tornado. A convergent damage pattern consisting of dozens of very large uprooted trees was visible from Kentucky Highway 97. Peak winds were estimated near 100 mph. The tornado path continued into Calloway County. | | | | |
| MCCRACKEN COUNTY --- 1.8 NE ST JOHNS [36.99, -88.66], 2.3 SE LONE OAK [37.01, -88.64] | | | | |
| | 02/24/18 19:37 CST | | 85K | Tornado (EF1, L: 1.93 mi , W: 100 yd) |
| | 02/24/18 19:41 CST | | 0 | Source: NWS Storm Survey |
| This EF-1 tornado began just south of Kentucky Highway 999 and moved northeast for about two miles. A barn was destroyed. Debris from the barn damaged a nearby house and was embedded into a small trailer over 100 yards away. Some debris was buried up to three feet deep. Another outbuilding was destroyed. As the tornado crossed Highway 999, it damaged the roofs of two homes. A garage between the two homes had windows broken, and the west side of the building was pushed out. Numerous trees were snapped and uprooted along the path of the tornado. There was an eyewitness account of the tornado. Peak winds were estimated near 100 mph. | | | | |
| CALLOWAY COUNTY --- 3.8 W TAYLORS STORE [36.53, -88.49], 0.7 WSW WISWELL [36.57, -88.39] | | | | |
| | 02/24/18 19:40 CST | | 0.35M | Tornado (EF1, L: 6.07 mi , W: 125 yd) |
| | 02/24/18 19:46 CST | | 0 | Source: NWS Storm Survey |
| This EF-1 tornado moved from Graves County into Calloway County near State Route 97. The tornado tracked across mainly rural farm country before lifting a few miles southwest of Murray. Most of the path and associated damage was in Calloway County. More than a half dozen barns were damaged or destroyed. A newly built, well-constructed barn was completely destroyed, and debris was strewn hundreds of yards. Two empty grain bins were blown over. Several homes were damaged, mainly due to fallen trees and blowing debris. Two semi trailers were overturned. Two mobile homes were blown from their foundations. Many dozens of trees, some very large, were snapped or uprooted. At least one eyewitness observed the tornado. Peak winds were estimated near 100 mph. | | | | |
| GRAVES COUNTY --- 1.6 NW VULTONCREEK [36.75, -88.54], 1.8 N VULTONCREEK [36.76, -88.52] | | | | |
| | 02/24/18 19:42 CST | | 50K | Tornado (EF1, L: 1.17 mi , W: 100 yd) |
| | 02/24/18 19:43 CST | | 0 | Source: NWS Storm Survey |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------------|
| <p>This brief EF-1 tornado occurred in a very rural area of east central Graves County near the community of Golo. Near the touchdown location, some shingles were blown off a roof, and a few trees were uprooted or snapped. The tornado continued northeast and damaged trees along the path. The roof of a residence was uplifted briefly, and a window was blown in. Behind the residence, a mobile home with a wood base was lifted and rolled about 30 yards down a hill and was still intact. A small outbuilding was also destroyed on the property. Several large trees were uprooted or snapped on the property. The tornado track length was about one mile. Peak winds were estimated near 100 mph.</p> | | | | |
| CALLOWAY COUNTY --- 1.6 S MURRAY [36.60, -88.32], 1.8 SE MURRAY [36.60, -88.30] | | | | |
| | 02/24/18 19:50 CST | | 0.55M | Tornado (EF1, L: 1.41 mi , W: 100 yd) |
| | 02/24/18 19:52 CST | | 0 | Source: NWS Storm Survey |
| <p>This EF-1 tornado crossed the southern part of the city of Murray, damaging about 40 homes. The tornado touched down several blocks west of Highway 641 and lifted on the east edge of the city at the Clarks River floodplain. Most of the damage consisted of roof damage, mainly shingle loss. Two homes were a total loss, with roof decking removed, windows blown out, and part of an exterior wall caved in due to projectile impacts. At least four businesses were damaged, with the majority of the roof removed from one. Dozens of trees were uprooted or broken. The mayor of Murray declared a state of emergency. Peak winds were estimated near 105 mph.</p> | | | | |
| MARSHALL COUNTY --- 2.5 ENE HARVY [36.83, -88.38], 3.0 SSW BENTON [36.83, -88.37] | | | | |
| | 02/24/18 19:51 CST | | 15K | Thunderstorm Wind (EG 56 kt) |
| | 02/24/18 19:51 CST | | 0 | Source: Public |
| <p>A tree was blown over, landing inside a home southwest of Benton. Some roof and siding damage occurred in the same area along Highway 641.</p> | | | | |
| TRIGG COUNTY --- 2.5 NNE TRIGG FURNACE [36.92, -87.91] | | | | |
| | 02/24/18 20:20 CST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 20:20 CST | | 0 | Source: Law Enforcement |
| <p>A tree was blown down, blocking both lanes of Highway 778.</p> | | | | |
| CHRISTIAN COUNTY --- 2.4 ESE PLEASANT GREEN HILL [36.92, -87.48], 1.0 N DOGWOOD [36.96, -87.40] | | | | |
| | 02/24/18 20:44 CST | | 20K | Tornado (EF0, L: 5.31 mi , W: 75 yd) |
| | 02/24/18 20:50 CST | | 0 | Source: NWS Storm Survey |
| <p>The path of this EF-0 tornado started on the west side of the Pennyriple Parkway, then moved northeast across Lake Morris. At least four barns or sheds were damaged, primarily due to partial loss of roofing and siding. One camper trailer was overturned. Limbs were broken off hundreds of trees. Some trees were uprooted. There was one eyewitness account of the tornado near the start of the damage track. The track ended on the northwest side of Highway 107. Peak winds were estimated near 85 mph.</p> | | | | |
| CHRISTIAN COUNTY --- 1.3 S HOPKINSVILLE [36.83, -87.48], 3.2 ENE HOPKINSVILLE ARPT [36.87, -87.40] | | | | |
| | 02/24/18 20:45 CST | | 6M | Tornado (EF2, L: 5.39 mi , W: 200 yd) |
| | 02/24/18 20:51 CST | 9 | 0 | Source: NWS Storm Survey |
| <p>This EF-2 tornado touched down on the south side of Hopkinsville, just west of the junction of the Pennyriple Parkway and U.S. Highway 41. Three apartment buildings near the intersection of the Pennyriple Parkway and U.S. 41 were destroyed. The roof and most walls were blown down on the second story. Another apartment building was heavily damaged. All nine injuries occurred in the apartment complex, which consisted of two-and-a-half story buildings. One car was flipped and blown some distance. Two others were blown from their original positions, and several others were damaged. At least four retail buildings sustained major roof and siding damage, with windows and doors blown in or broken. Four barns were heavily damaged or flattened, and four houses sustained mainly minor roof damage. Two large commercial buildings were damaged, with one sustaining major roof and wall damage. Hundreds of trees were snapped or uprooted. The damage east of the city near Highways 68 and 80 was relatively minor, consisting of uprooted trees, destroyed barns, and shingle damage. Peak winds were estimated near 135 mph at the destroyed apartment complex on the south side of Hopkinsville.</p> | | | | |
| CHRISTIAN COUNTY --- 1.3 W OVIL [36.95, -87.30], 1.1 WNW OVIL [36.96, -87.30] | | | | |
| | 02/24/18 20:55 CST | | 6K | Tornado (EF0, L: 0.47 mi , W: 50 yd) |
| | 02/24/18 20:56 CST | | 0 | Source: NWS Storm Survey |
| <p>This brief EF-0 tornado touched down along Highway 189 about a mile west of the Todd County line. Two garages or farm buildings sustained minor roof damage. A few tree limbs were broken. There was one eyewitness account of the tornado. Peak winds were estimated near 65 mph.</p> | | | | |
| DAVISS COUNTY --- 1.3 WNW OWENSBORO [37.78, -87.14], OWENSBORO [37.77, -87.12], 1.6 ENE OWENSBORO [37.78, -87.09], 2.0 SE OWENSBORO [37.75, -87.09], 0.2 SSW PETTIT [37.68, -87.12], 0.4 SW TUCK [37.68, -87.16] | | | | |
| | 02/24/18 21:13 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:15 CST | | 0 | Source: Emergency Manager |

Storm Data and Unusual Weather Phenomena - February 2018

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

Considerable street flooding was occurring in the city of Owensboro, with numerous manhole covers popped. Almost an inch of rain was measured at the Owensboro airport in an hour. In the far south part of the county, Route 554 was flooded just east of Todd Bridge Road.

UNION COUNTY --- 1.1 W HITESVILLE [37.75, -87.85], 0.2 W HITESVILLE [37.75, -87.83], 1.2 SW HITESVILLE [37.74, -87.84], 2.1 WSW HITESVILLE [37.74, -87.86]

| | | | | |
|--|--------------------|---|---|---------------------------------|
| | 02/24/18 21:30 CST | 1 | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:00 CST | | 0 | Source: Broadcast Media |

A water rescue was conducted near Mason Creek on Highway 359. A vehicle was swept off the roadway by the flash flood. Fire department dive team members recovered the body of the victim from the submerged car. The 77-year-old victim was a local farmer.

Direct Fatalities: M77VE

WEBSTER COUNTY --- 1.8 WNW LUZON [37.54, -87.76], 3.2 ESE HEARIN [37.52, -87.79], 2.2 SW LUZON [37.50, -87.75], 0.3 E LUZON [37.53, -87.72]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/24/18 22:38 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/25/18 01:00 CST | | 0 | Source: Emergency Manager |

At least two feet of water was over State Route 132 West between Dixon and Clay. The flooding was near State Route 857, close to Crab Orchard Creek.

An outbreak of severe thunderstorms and tornadoes occurred across western Kentucky. Most of the severe weather was along and south of a Paducah to Madisonville line. North of that line, serious flash flooding resulted in a fatality. A surface low pressure center tracked rapidly north-northeast from Arkansas to the upper Mississippi Valley, dragging a warm front north across western Kentucky. Instability was adequate for tornadoes and severe storms in the presence of very strong wind shear. A very moist air mass resulted in heavy rainfall, which produced localized flash flooding due to the water-logged ground. Locally 5 to 6 inches of rain had fallen over the previous week. Rainfall rates in these thunderstorms were locally one-half to one inch per hour.

Storm Data and Unusual Weather Phenomena - February 2018

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

Apartment complex on the south side of Hopkinsville destroyed by EF-2 tornado at its maximum intensity. All nine injuries inflicted by this tornado occurred here. Photo from NWS damage survey.

BALLARD COUNTY --- WICKLIFFE [36.97, -89.08], 1.3 W WICKLIFFE [36.97, -89.10], 4.8 SSW WICKLIFFE [36.90, -89.11], 4.3 S WICKLIFFE [36.91, -89.08]

| | | |
|--------------------|---|---------------------------|
| 02/24/18 16:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/28/18 23:59 CST | 0 | Source: River/Stream Gage |

CARLISLE COUNTY --- 3.1 ENE LAKETON [36.88, -89.11], 3.0 SE LAKETON [36.84, -89.14], 1.6 SW BERKELEY [36.78, -89.12], 2.4 N BERKELEY [36.83, -89.10]

| | | |
|--------------------|---|---------------------------|
| 02/24/18 16:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/28/18 23:59 CST | 0 | Source: River/Stream Gage |

FULTON COUNTY --- HICKMAN [36.57, -89.18], 3.0 NW TYLER [36.53, -89.39], 3.1 WNW SASSAFRAS RIDGE [36.57, -89.38], 3.5 NNE SASSAFRAS RIDGE [36.60, -89.32]

| | | |
|--------------------|---|---------------------------|
| 02/24/18 16:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/28/18 23:59 CST | 0 | Source: River/Stream Gage |

HICKMAN COUNTY --- COLUMBUS [36.77, -89.10], 0.8 WSW COLUMBUS [36.77, -89.11], 3.6 WSW HAILWELL [36.66, -89.16], 1.5 SW HAILWELL [36.66, -89.12]

| | | |
|--------------------|---|---------------------------|
| 02/24/18 16:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/28/18 23:59 CST | 0 | Source: River/Stream Gage |

Storm Data and Unusual Weather Phenomena - February 2018

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

A series of heavy rainfall events during February pushed the Mississippi River well above flood stage. Moderate flooding developed along the river. There was extensive flooding of agricultural land, however most of the cropland was dormant during the winter. Many low-lying roads were flooded. The river continued rising into March.

LAKE MICHIGAN

WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]

| | | |
|--------------------|---|-------------------------------------|
| 02/20/18 13:16 CST | 0 | Marine Thunderstorm Wind (MG 41 kt) |
| 02/20/18 13:16 CST | 0 | Source: C-MAN Station |

BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY [41.73, -86.91]

| | | |
|--------------------|---|-------------------------------------|
| 02/20/18 15:00 CST | 0 | Marine Thunderstorm Wind (MG 64 kt) |
| 02/20/18 15:00 CST | 0 | Source: C-MAN Station |

A strong cold front produced a narrow line of thunderstorms which moved across southern Lake Michigan during the afternoon of February 20th.

LAKE SUPERIOR

MANITOU ISLAND TO MARQUETTE MI AND W OF GRAND MARAIS MI TO US/CANADIAN BORDER BEYOND 5NM OF SHORE COUNTY --- STANNARD ROCK LIGHT [47.18, -87.23]

| | | |
|--------------------|---|-----------------------------|
| 02/25/18 09:45 EST | 0 | Marine High Wind (MG 56 kt) |
| 02/25/18 16:00 EST | 0 | Source: C-MAN Station |

The peak wind gust at Stannard Rock Light during a several hour period of storm force west winds.

Storm force west winds developed at Stannard Rock on the 25th in the wake of a strong winter storm.

LOUISIANA, Northeast

FRANKLIN COUNTY --- 0.6 E WISNER [31.98, -91.66], 1.6 NNW WINNSBORO [32.19, -91.74], 1.5 NNW BUSHES [32.24, -91.63], 3.4 SE GRIFFIN [31.99, -91.53]

| | | |
|--------------------|-------|---------------------------------|
| 02/21/18 14:30 CST | 0.20M | Flash Flood (due to Heavy Rain) |
| 02/21/18 16:45 CST | 0 | Source: Law Enforcement |

There was flash flooding on roadways near Wisner. Water occurred in three businesses on Fair Avenue in Winnsboro. There was localized flash flooding over northern portions of the parish, along with some driveways and a road under water.

MOREHOUSE COUNTY --- 0.6 W BASTROP [32.78, -91.91], 1.8 SW UPLAND [32.71, -91.90], 2.0 ESE MER ROUGE BACON ARPT [32.74, -91.75], 0.7 SE STAMPLEY [32.81, -91.77]

| | | |
|--------------------|-------|---------------------------------|
| 02/21/18 22:35 CST | 0.10M | Flash Flood (due to Heavy Rain) |
| 02/22/18 02:15 CST | 0 | Source: Law Enforcement |

A few streets were underwater across the parish, including South Washington Street in Bastrop and Mer Rouge Road. Multiple people were evacuated from residences due to flooding on Eden Avenue.

MOREHOUSE COUNTY --- 2.3 E UPLAND [32.73, -91.84], 2.7 SW MER ROUGE BACON ARPT [32.72, -91.82], 1.3 SSW MER ROUGE [32.75, -91.81], 2.0 WSW MER ROUGE [32.76, -91.83], 1.8 W NEWBLOCK [32.80, -91.93], 0.9 NNW USEARCO [32.76, -91.93]

| | | |
|--------------------|-----|---------------------------------|
| 02/22/18 05:00 CST | 50K | Flash Flood (due to Heavy Rain) |
| 02/22/18 10:30 CST | 0 | Source: Emergency Manager |

Several roads and streets had water over them in and around Bastrop, including South Washington Road, Eden Drive, Log Cabin Road, Shelton Cutoff Road and at the intersection of Cherry Ridge Road and McCreight Street. Portions of Highway 138 was flooded northeast of Colinston.

FRANKLIN COUNTY --- 5.6 N BAKERS [32.41, -91.53], 4.8 NNW BAKERS [32.40, -91.54], 4.5 N BAKERS [32.40, -91.52], 6.0 N BAKERS [32.42, -91.51]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------------|
| | 02/22/18 07:45 CST | | 15K | Flash Flood (due to Heavy Rain) |
| | 02/22/18 11:30 CST | | 0 | Source: Law Enforcement |

Water was on Parish Line and College Roads.

RICHLAND COUNTY --- 1.9 WSW NEW LIGHT [32.26, -91.81], 1.1 N RAYVILLE MUNI ARPT [32.50, -91.77], 2.4 NE DELHI [32.47, -91.47], 11.8 E NEW LIGHT [32.24, -91.58]

| | | |
|--------------------|-----|---------------------------------|
| 02/22/18 08:00 CST | 75K | Flash Flood (due to Heavy Rain) |
| 02/22/18 11:30 CST | 0 | Source: Law Enforcement |

Flooding occurred on several roads in the parish. Some roads that had water on them included: McCain Road, Johnston Road, John Crocker Road, Sugar Hill Road, Walker Road, Augustus Road, McLemore Road, Twiner Road, Collins Road, China Grove Road and Patty Road.

RICHLAND COUNTY --- 5.7 ESE NEW LIGHT [32.23, -91.70], 3.6 S BUCKNER [32.25, -91.93], 1.9 NE START [32.50, -91.85], 1.9 NE BEE BAYOU [32.50, -91.68]

| | | |
|--------------------|-----|---------------------------|
| 02/22/18 16:30 CST | 12K | Flood (due to Heavy Rain) |
| 02/22/18 17:45 CST | 0 | Source: County Official |

Flood waters receded but a few roads in the parish remained flooded.

A cold front stalled across the western portions of the ArkLaMiss region. As the front remained stalled, several disturbances moved along it and brought heavy rainfall to the region. This prolonged period of rain resulted in flash flooding across mainly the Delta and northeast Louisiana.

LOUISIANA, Northwest

(LA-Z001) CADDO, (LA-Z002) BOSSIER, (LA-Z003) WEBSTER, (LA-Z004) CLAIBORNE, (LA-Z005) LINCOLN, (LA-Z006) UNION, (LA-Z010) DE SOTO, (LA-Z011) RED RIVER, (LA-Z012) BIENVILLE, (LA-Z013) JACKSON, (LA-Z014) OUACHITA, (LA-Z018) NATCHITOCHEs, (LA-Z019) WINN, (LA-Z020) GRANT, (LA-Z021) CALDWELL, (LA-Z022) LA SALLE

| | | |
|--------------------|---|---------|
| 02/01/18 00:00 CST | 0 | Drought |
| 02/14/18 23:59 CST | 0 | |

Severe (D2) drought conditions continued into February across much of North Louisiana (with the exception of Sabine Parish), although widespread 1-3 inches of rain fell across this area during the first week of the month which resulted in a one category improvement to moderate drought by the February 15th issuance of the U.S. Drought Monitor. A dry period developed and persisted during the second and third weeks of February, which maintained the drought conditions in place, given the continued agricultural and hydrological impacts. However, a prolonged period of heavy rainfall was observed across all of North Louisiana from February 21st to the 28th, with widespread rainfall amounts of 5-8+ inches recorded. This resulted in significant improvements to soil moisture as well as numerous reports of flash flooding across the area through the period. Excessive runoff resulted in flooding across numerous waterways across North Louisiana, including the Red River and Ouachita River basins. For the month of February, Shreveport observed its wettest February on record, with 9.21 inches having fallen. Monroe observed its second wettest February on record with 10.90 inches, falling just shy of the record with 11.04 inches in 1956. Thus, the moderate drought and abnormally dry conditions were removed by the end of the month from the U.S. Drought Monitor.

CADDO COUNTY --- 0.7 SE SHREVEPORT [32.47, -93.74], 0.8 SE SHREVEPORT [32.47, -93.74], 0.8 SE SHREVEPORT [32.47, -93.74], 0.7 SE SHREVEPORT [32.47, -93.74]

| | | |
|--------------------|---|---------------------------------|
| 02/21/18 09:20 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/21/18 11:00 CST | 0 | Source: Public |

High water covered Creswell Avenue near Dudley Drive.

CADDO COUNTY --- 1.4 NW SHREVEPORT [32.50, -93.76], 2.2 NE SHREVEPORT [32.50, -93.72], 1.5 SE LUCAS [32.38, -93.69], 0.6 NW STAPLES [32.38, -93.83], 0.3 SSW NICHOLS [32.45, -93.87]

| | | |
|--------------------|---|---------------------------------|
| 02/21/18 10:00 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/21/18 11:00 CST | 0 | Source: Public |

High water covered multiple roads throughout Shreveport.

GRANT COUNTY --- 2.9 NW MONTGOMERY [31.70, -92.94], 1.4 NNW ALOHA [31.60, -92.79], 2.0 SW LAKE IATT [31.60, -92.68], 4.9 ENE NEW VERDA [31.70, -92.69]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------|
| | 02/21/18 11:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 13:30 CST | | 0 | Source: Law Enforcement |
| High water covered several roads across the western portions of Grant Parish. | | | | |
| WINN COUNTY --- 1.6 ESE JORDON HILL [31.84, -92.50], 2.0 ESE JORDON HILL [31.83, -92.50], 2.1 ESE JORDON HILL [31.84, -92.50], 1.8 ESE JORDON HILL [31.84, -92.50] | | | | |
| | 02/21/18 12:04 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 13:45 CST | | 0 | Source: Law Enforcement |
| High water covered Highway 472 at Big Creek in Southern Winn Parish. | | | | |
| GRANT COUNTY --- 0.9 W WILLIANA [31.67, -92.59], 2.7 NNW OAKGROVE [31.55, -92.57], 3.0 ENE DRY PRONG [31.60, -92.48], 3.9 E WILLIANA [31.67, -92.50] | | | | |
| | 02/21/18 12:05 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 13:45 CST | | 0 | Source: Law Enforcement |
| High water covered several roads across the Central portions of Grant Parish. | | | | |
| LA SALLE COUNTY --- 0.9 SE EDEN [31.64, -92.24] | | | | |
| | 02/21/18 12:30 CST | | 0 | Thunderstorm Wind (EG 52 kt) |
| | 02/21/18 12:30 CST | | 0 | Source: Law Enforcement |
| A tree was blown down on Highway 8 near Oilfield Road. | | | | |
| BOSSIER COUNTY --- 1.9 NE ADNER [32.59, -93.57], 1.9 NE ADNER [32.59, -93.57], 1.7 NE ADNER [32.59, -93.58], 1.7 NE ADNER [32.59, -93.58] | | | | |
| | 02/21/18 13:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 14:30 CST | | 0 | Source: Law Enforcement |
| High water over Winfield Road. | | | | |
| BOSSIER COUNTY --- 1.1 NNW LINTON [32.70, -93.64], 1.0 NNW LINTON [32.69, -93.64], 1.0 NNW LINTON [32.69, -93.64], 1.1 NNW LINTON [32.70, -93.64] | | | | |
| | 02/21/18 13:11 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 14:30 CST | | 0 | Source: Law Enforcement |
| High water over Crouch Road. | | | | |
| LA SALLE COUNTY --- 1.8 SW TULLOS [31.80, -92.35], 2.8 SW TULLOS [31.79, -92.36], 2.9 SW TULLOS [31.79, -92.36], 1.8 SW TULLOS [31.80, -92.35] | | | | |
| | 02/21/18 13:13 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 15:15 CST | | 0 | Source: Law Enforcement |
| Highway 165 south of Tullos was flooded. | | | | |
| BOSSIER COUNTY --- 0.9 N BOSSIER CITY [32.53, -93.72], 0.8 N BOSSIER CITY [32.53, -93.72], 1.2 NE BOSSIER CITY [32.53, -93.71], 1.2 NE BOSSIER CITY [32.53, -93.71] | | | | |
| | 02/21/18 17:13 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 23:00 CST | | 0 | Source: Public |
| Shed Road was closed due to flooding. | | | | |
| BOSSIER COUNTY --- 1.0 SW FOSTERS [32.51, -93.68], 1.0 NW (BAD)BARKSDALE AFB [32.51, -93.68], 1.0 SW FOSTERS [32.51, -93.68], 0.9 SW FOSTERS [32.51, -93.68] | | | | |
| | 02/21/18 17:20 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 23:00 CST | | 0 | Source: Broadcast Media |
| The North Gate at Barksdale Air Force Base was closed due to high water. | | | | |
| NATCHITOCHEES COUNTY --- 2.6 NW PROVENCAL [31.68, -93.23], 2.6 SW LUELLA [31.74, -93.03], 1.4 S OSHKOSH [32.01, -93.00], 3.5 W ALLEN [31.83, -93.34] | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------------|
| | 02/21/18 20:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 09:45 CST | | 0 | Source: Law Enforcement |

Several roads throughout Natchitoches Parish were covered in high water.

LINCOLN COUNTY --- 4.4 NNE CROSSROADS [32.73, -92.80], 3.6 N DOWNSVILLE [32.67, -92.43], 2.5 SSE CHOUDRANT [32.50, -92.50], 1.4 ESE OAK GROVE [32.49, -92.85]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/21/18 21:05 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 09:45 CST | | 0 | Source: Law Enforcement |

High water covered portions of Virgil, Morrison, Frazier, and Aulds Roads in Lincoln Parish.

OUACHITA COUNTY --- 0.6 NNW PERRYVILLE [32.71, -92.01], 0.4 N PERRYVILLE [32.71, -92.00], 0.7 E PERRYVILLE [32.70, -91.99], 2.9 WNW WHAM [32.65, -91.97], 1.0 WSW HANCOCK [32.59, -91.97], 0.4 NNW PHILLIPS [32.64, -92.07], 1.4 WNW FOWLER [32.68, -92.05]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/21/18 22:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 09:45 CST | | 0 | Source: Law Enforcement |

High water over LA 134 about 1/4 mile east of Swartz Fairbanks Road, Highway 554 in Perryville near the gravel pits, and Barnes Road. Reports from the Ouachita Parish Sherriff's Office Facebook page.

OUACHITA COUNTY --- 1.9 SW WALL LAKE [32.60, -92.15], 3.5 WNW DREW [32.56, -92.28], 1.3 WSW CALHOUN [32.51, -92.39], 2.8 WSW OKALOOSA [32.38, -92.37], 1.3 NE FONDALE [32.36, -92.11], 1.0 ESE HIGHLAND PARK [32.54, -92.10]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/21/18 22:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 09:45 CST | | 0 | Source: Law Enforcement |

High water across the 100 block of Forty Oaks Road, the 200 block of Washington Street, Highway 80 near Calhoun, the 300 block of Norris Lane, the 300 block of Blazier Lane, Washington Street and New Natchitoches Road, LA 3033 along Cheniere Lake, the 1000 block of Jonesboro Road, the 2800 and 2900 blocks of New Natchitoches Road, and Edwards Road at Trade Street. The bridge near the 1600 block of Arkansas Road was washed out and closed. The bridge on Cadeville Lodge Road was washed out and closed. High water on Kendallwood Road at Vancil Road, as well as Cox Street and Ridge Drive.

NATCHITOCHEs COUNTY --- 1.6 NE CLOUTIERVILLE [31.57, -92.91], 1.4 ENE CLOUTIERVILLE [31.56, -92.91], 4.2 ENE CLOUTIERVILLE [31.57, -92.86], 6.3 NW MARCO [31.60, -92.83], 5.4 NE CLOUTIERVILLE [31.60, -92.86]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/22/18 05:57 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 09:45 CST | | 0 | Source: Law Enforcement |

High water covered portions of Highway 491 northeast of Cloutierville.

BIENVILLE COUNTY --- 1.8 S BRICE [32.32, -92.98], 2.4 S BRICE [32.32, -92.98], 2.4 S BRICE [32.32, -92.98], 1.9 SSE BRICE [32.32, -92.97]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/22/18 06:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 09:45 CST | | 0 | Source: Public |

High water covered Highway 9 south of Bienville.

BIENVILLE COUNTY --- 2.9 SSW PORT BOLIVER [32.38, -93.36], 1.3 W GIDDENS [32.25, -93.32], 4.0 SW ALBERTA [32.20, -93.21], 5.2 SSE DANVILLE [32.16, -92.81], 0.6 SW UNION [32.37, -92.83], 1.2 N ARCADIA [32.57, -92.92], 2.3 NNW GIBSLAND [32.58, -93.06], 3.1 NNW GIBSLAND [32.59, -93.08]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/22/18 07:50 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 09:45 CST | | 0 | Source: Law Enforcement |

High water over the west end of Jot-Em Down Road. Grover Jones Road from Blue Ridge back towards Gibsland was impassable. Iron Bridge Road north and west of Gibsland, Domino Road, Danzy Road, Kenneth Road, CC Road, Castor Creek Road, Guin Road, Shady Grove Road between LA 155 and LA 501 at Fourcher Creek and on the east side of Shady Grove Road, Cabin Creek Road, Pine Grove Road at various culverts, and Danville Road at the Coulee Creek Road bridge were all flooded and closed.

JACKSON COUNTY --- 1.4 S WOOD JCT [32.31, -92.42], 1.1 SSE WOOD JCT [32.31, -92.41], 1.4 SSE WOOD JCT [32.31, -92.41], 1.6 S WOOD JCT [32.31, -92.42]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/22/18 08:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 09:45 CST | | 0 | Source: Law Enforcement |

Chatham Cemetery Road was flooded and closed.

LINCOLN COUNTY --- 4.0 N CROSSROADS [32.73, -92.82], 2.0 SE OAK GROVE [32.48, -92.84], 1.4 SE RUSTON [32.51, -92.61], 0.9 W FREMONT [32.52, -92.47], 0.5 NW DOWNSVILLE [32.62, -92.43], 2.8 NE DUBACH [32.73, -92.62]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------------|
| | 02/22/18 11:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 12:45 CST | | 0 | Source: Emergency Manager |

Over 30 roads were flooded and closed throughout Lincoln Parish.

DE SOTO COUNTY --- 2.1 ESE LOGANSPOUT [31.96, -93.97], 2.8 SE LOGANSPOUT [31.94, -93.96], 3.2 ESE LOGANSPOUT [31.95, -93.95], 2.4 E LOGANSPOUT [31.96, -93.96]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/22/18 23:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/23/18 00:15 CST | | 0 | Source: Law Enforcement |

High water over Highway 191 just south of Logansport.

DE SOTO COUNTY --- 1.4 NW GRAND CANE [32.09, -93.84], 1.1 SW GRAND CANE [32.07, -93.83], 0.8 WNW MANSFIELD ARPT [32.07, -93.78], 2.4 NE GRAND CANE [32.11, -93.79]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/22/18 23:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/23/18 00:15 CST | | 0 | Source: Law Enforcement |

Portions of Grand Cane were flooded.

DE SOTO COUNTY --- 1.7 S FRIERSON [32.23, -93.71], 2.3 NNE KINGSTON [32.21, -93.71], 2.4 NNE KINGSTON [32.21, -93.70], 1.8 S FRIERSON [32.22, -93.70]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/22/18 23:45 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/23/18 00:15 CST | | 0 | Source: Law Enforcement |

Flooding was reported near the intersection of Highway 175 and Interstate 49.

An upper level low pressure system progressed east southeast from the Pacific Northwest into the Central and Southern Rockies on the morning of February 20th, reinforcing a cold front slowly southeast into East Texas and North Louisiana during the morning and afternoon hours on February 21st. A deep southwest flow aloft was present along and behind the front across the Southern Plains and Mississippi Valley, with weak embedded disturbances in the flow helping to enhance the development of scattered to numerous showers and thunderstorms along and behind the front on the 21st. A warm, moist, and weakly unstable air mass had already spread north ahead of the front into Northeast Texas, Southeast Oklahoma, Southwest Arkansas, and North Louisiana, with the southwest flow aloft tapping into the subtropical jet, thus transporting Pacific moisture northeast along and behind the front. Periods of moderate to at times, heavy rainfall fell along and behind the front across North Louisiana, and persisted through the early morning hours on the 23rd before diminishing. Widespread rainfall amounts of four to in excess of eight inches fell across North Louisiana from the morning hours of February 21st through the early morning hours on the 23rd. This resulted in periods of widespread flash flooding across much of North Louisiana during this 3 day period. In addition, isolated severe thunderstorms developed across the southeast sections of Northcentral Louisiana on February 21st within the warm sector along the front, which produced wind damage across Western La Salle Parish.

LOUISIANA, Southwest

(LA-Z052) VERMILION, (LA-Z073) WEST CAMERON

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 02/02/18 07:00 CST | | 0 | Astronomical Low Tide |
| | 02/02/18 12:00 CST | | 0 | |

Strong north winds behind a cold front pushed tides below normal.

VERNON COUNTY --- 0.7 S CRAVENS [30.96, -93.02], 2.4 N PITKIN [30.96, -92.94]

| | | | | |
|--|--------------------|--|-----|---------------------------------------|
| | 02/07/18 03:48 CST | | 25K | Tornado (EF1, L: 4.96 mi , W: 350 yd) |
| | 02/07/18 03:55 CST | | 0 | Source: NWS Storm Survey |

A tornado started west of Webster Marcile Road near the community of Cravens snapping several pine trees. It crossed Highway 10 north of Pitkin traveling east to Highway 458 and H Spears road where the most intense damage occurred. At this location numerous fallen trees were noted with one house receiving significant damage from trees. The last visible damage was noted along Fullerton Blacktop Road.

A line of thunderstorms moved across the region producing an isolated tornado at Pitkin in Vernon Parish.

MAINE, North

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|------------------------|
| (ME-Z001) NORTHWEST AROOSTOOK, (ME-Z002) NORTHEAST AROOSTOOK, (ME-Z003) NORTHERN SOMERSET, (ME-Z004) NORTHERN PISCATAQUIS, (ME-Z005) NORTHERN PENOBSCOT, (ME-Z006) SOUTHEAST AROOSTOOK, (ME-Z010) CENTRAL PISCATAQUIS, (ME-Z011) CENTRAL PENOBSCOT, (ME-Z015) SOUTHERN PENOBSCOT, (ME-Z031) SOUTHERN PISCATAQUIS | | | | |
| | 02/07/18 13:00 EST | 0 | | Heavy Snow |
| | 02/08/18 03:30 EST | 0 | | |

A fast moving intensifying low approached the region late on the 7th...crossed the Gulf of Maine overnight...then exited across the Maritimes. Snow developed through the afternoon of the 7th...then persisted into the early morning hours of the 8th. Warning criteria snow accumulations occurred through the evening of the 7th. Storm total snow accumulations generally ranged from 6 to 10 inches...with local totals up to around 12 inches across southeast Aroostook county. The snow transitioned to a wintry mix and rain along the Downeast coast and portions of interior Downeast Maine limiting snow accumulations there.

MAINE, South

| | | | | |
|---|--------------------|---|--|------------|
| (ME-Z007) NORTHERN OXFORD, (ME-Z008) NORTHERN FRANKLIN, (ME-Z009) CENTRAL SOMERSET, (ME-Z012) SOUTHERN OXFORD, (ME-Z013) SOUTHERN FRANKLIN, (ME-Z014) SOUTHERN SOMERSET, (ME-Z018) INTERIOR YORK, (ME-Z019) INTERIOR CUMBERLAND, (ME-Z020) ANDROSCOGGIN, (ME-Z021) KENNEBEC, (ME-Z022) INTERIOR WALDO, (ME-Z024) COASTAL CUMBERLAND, (ME-Z025) SAGADAHOC, (ME-Z026) LINCOLN, (ME-Z028) COASTAL WALDO | | | | |
| | 02/07/18 11:00 EST | 0 | | Heavy Snow |
| | 02/07/18 23:00 EST | 0 | | |

An area of low pressure over the Tennessee Valley on the morning of the 7th raced rapidly northeastward to the Canadian Maritimes by the morning of the 8th. The storm brought heavy snow to much of western Maine. Snowfall amounts generally ranged from 6 to 10 inches except for portions of York County where 4 to 6 inches fell.

| | | | | |
|---|--------------------|---|--|------------|
| (ME-Z018) INTERIOR YORK, (ME-Z019) INTERIOR CUMBERLAND, (ME-Z020) ANDROSCOGGIN, (ME-Z023) COASTAL YORK, (ME-Z024) COASTAL CUMBERLAND, (ME-Z025) SAGADAHOC, (ME-Z026) LINCOLN | | | | |
| | 02/17/18 22:00 EST | 0 | | Heavy Snow |
| | 02/18/18 08:00 EST | 0 | | |

An area of low pressure moved off the South Carolina coast on the morning of the 17th, then travelled rapidly northeast to the Gulf of Maine by the morning of the 18th. The low then moved rapidly away from the area. The low brought a heavy snowfall to the southwestern part of the State with snowfall amounts generally ranging from 6 to 9 inches.

MARYLAND, Central

| | | | | |
|---|--------------------|---|--|----------------|
| (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD | | | | |
| | 02/04/18 09:00 EST | 0 | | Winter Weather |
| | 02/04/18 19:00 EST | 0 | | |

Weak low pressure tracked up the Mid-Atlantic Coast. A cold air mass in place caused precipitation with this low to fall in the form of snow and ice.

| | | | | |
|---|--------------------|---|--|--------------|
| (MD-Z003) WASHINGTON, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY | | | | |
| | 02/07/18 03:00 EST | 0 | | Winter Storm |
| | 02/07/18 14:00 EST | 0 | | |

| | | | | |
|---|--------------------|---|--|----------------|
| (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z018) CALVERT, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD | | | | |
| | 02/07/18 03:00 EST | 0 | | Winter Weather |
| | 02/07/18 14:00 EST | 0 | | |

Storm Data and Unusual Weather Phenomena - February 2018

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

Low pressure tracked up the Appalachians. Warm and moist air overran the colder air in place, resulting in precipitation. There was a cold layer near the surface that caused freezing rain.

ANNE ARUNDEL COUNTY --- 1.2 NNE RUTLAND [38.99, -76.62], 1.2 NNE RUTLAND [38.99, -76.62], 1.3 NNE RUTLAND [38.99, -76.62], 1.2 WNW LUSBY XRDS [38.99, -76.62]

| | | | |
|--|--------------------|---|---------------------------|
| | 02/11/18 10:27 EST | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 08:00 EST | 0 | Source: Broadcast Media |

Rutland Road was flooded and closed near Route 450.

PRINCE GEORGE'S COUNTY --- 0.4 S UPPER MARLBORO [38.81, -76.75], 0.4 S UPPER MARLBORO [38.81, -76.75], 0.4 S UPPER MARLBORO [38.81, -76.75], 0.5 S UPPER MARLBORO [38.81, -76.75]

| | | | |
|--|--------------------|---|------------------------------|
| | 02/11/18 11:32 EST | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 13:21 EST | 0 | Source: Other Federal Agency |

The USGS stream gauge on the Western Branch Patuxent River at Upper Marlboro exceeded flood stage between 1132 AM on the 11th and 121 PM on the 12th. While the gauge was above flood stage, Water Street in Upper Marlboro was flooded. For most of that timeframe it was also closed.

CHARLES COUNTY --- 0.7 ESE INDIAN HD MRYLND ARP [38.60, -77.06], 0.8 E INDIAN HD MRYLND ARP [38.60, -77.05], 1.0 ESE INDIAN HD MRYLND ARP [38.60, -77.05], 1.7 SSW INDIAN HD MRYLND ARP [38.58, -77.08], 1.3 SSW INDIAN HD MRYLND ARP [38.58, -77.08]

| | | | |
|--|--------------------|---|------------------------------|
| | 02/11/18 14:56 EST | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 10:30 EST | 0 | Source: Other Federal Agency |

The USGS stream gauge on Mattawoman Creek near Pomomkey exceeded flood stage between 256 PM on the 11th and 1030 AM on the 12th. Several roads, including Maryland Route 227, were flooded and closed while the gauge was over flood stage.

Heavy precipitation developed along a stalled front during the overnight hours of February 10th into February 11th, causing flooding in southern Maryland. Stream flooding persisted into February 12th.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD

| | | | |
|--|--------------------|---|----------------|
| | 02/17/18 13:00 EST | 0 | Winter Weather |
| | 02/17/18 21:00 EST | 0 | |

Low pressure to our west transferred its energy to a weak coastal low off the Mid-Atlantic Coast. High pressure to the north supplied the cold air and moisture from the low caused snow to develop.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD

| | | | |
|--|--------------------|---|-----------|
| | 02/23/18 23:53 EST | 0 | Dense Fog |
| | 02/24/18 14:01 EST | 0 | |

An unusually moist air mass and light winds led to areas of dense fog.

(MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z508) SOUTHEAST HARFORD

| | | | |
|--|--------------------|---|-----------|
| | 02/25/18 05:46 EST | 0 | Dense Fog |
| | 02/26/18 05:15 EST | 0 | |

An unusually moist air mass and light winds led to areas of dense fog.

MARYLAND, Northeast

QUEEN ANNE'S COUNTY --- 0.9 NE STEVENSVILLE [38.99, -76.31]

| | | | |
|--|--------------------|---|-------------------------|
| | 02/11/18 12:29 EST | 0 | Heavy Rain |
| | 02/11/18 12:29 EST | 0 | Source: Trained Spotter |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|--------------------------------|
| Storm total rainfall on Kent Island. | | | | |
| QUEEN ANNE'S COUNTY --- 1.5 N STEVENSVILLE [39.00, -76.32], 0.2 SSE STEVENSVILLE BAY ARP [38.98, -76.33], 0.2 S CHESTER CASTLE ARPT [38.98, -76.28], 1.4 NNW CHESTER CASTLE ARPT [39.00, -76.29] | | | | |
| | 02/11/18 14:00 EST | 0 | | Flood (due to Heavy Rain) |
| | 02/11/18 17:00 EST | 0 | | Source: Trained Spotter |
| Considerable flooding was reported on the northern half of Kent Island. | | | | |
| QUEEN ANNE'S COUNTY --- 0.9 NW CHURCH HILL [39.14, -75.99], 0.3 ESE CHURCH HILL [39.13, -75.98], 0.9 NE CHURCH HILL [39.14, -75.97], 1.1 N CHURCH HILL [39.15, -75.98] | | | | |
| | 02/11/18 14:13 EST | 0 | | Flood (due to Heavy Rain) |
| | 02/11/18 15:13 EST | 0 | | Source: Department of Highways |
| Flooding was reported on highway 19 between highway 213 and new street which closed all lanes. | | | | |
| QUEEN ANNE'S COUNTY --- 0.9 NE STEVENSVILLE [38.99, -76.31] | | | | |
| | 02/11/18 14:20 EST | 0 | | Heavy Rain |
| | 02/11/18 14:20 EST | 0 | | Source: Trained Spotter |
| Six inches of rain fell on the northern half of Kent Island. Six inches of rain (average of 3 gages) was also reported in Stevensville. | | | | |
| CECIL COUNTY --- 0.5 E NORTH EAST [39.60, -75.94], 0.6 ENE NORTH EAST [39.60, -75.94], 0.8 ENE NORTH EAST [39.61, -75.94], 0.7 E NORTH EAST [39.60, -75.94] | | | | |
| | 02/11/18 18:13 EST | 0 | | Flood (due to Heavy Rain) |
| | 02/11/18 20:13 EST | 0 | | Source: Department of Highways |
| Flooding was reported on highway 7 at Howard Street which closed all lanes. | | | | |
| QUEEN ANNE'S COUNTY --- 5.5 S RUTHSBURG [38.92, -75.95], 5.5 S RUTHSBURG [38.92, -75.96], 6.2 S RUTHSBURG [38.91, -75.96], 6.0 S RUTHSBURG [38.91, -75.95] | | | | |
| | 02/11/18 20:27 EST | 0 | | Flood (due to Heavy Rain) |
| | 02/11/18 22:27 EST | 0 | | Source: Department of Highways |
| Flooding at the intersection of highways 404 and 303 which closed all lanes. Flooding issues were also reported by the Queen Anne's County Department of Emergency Services at Ackerman Road, Broadcreek Drive, Calvert Road, Buckingham Drive, Queen Mary Court, Chester Drive, Nichols Manor Drive, Bay City Road, Larch Court, Web Foot Lane, Marion Quimby Drive, and Georgette Court. By about noon on February 12, all roads were reopened and clear as water had receded. | | | | |
| QUEEN ANNE'S COUNTY --- 4.2 NNW PETERS CORNERS [39.25, -75.84], 4.3 NNW PETERS CORNERS [39.25, -75.84], 4.8 NNW PETERS CORNERS [39.26, -75.84], 4.7 NNW PETERS CORNERS [39.26, -75.83] | | | | |
| | 02/12/18 05:19 EST | 0 | | Flood (due to Heavy Rain) |
| | 02/12/18 07:19 EST | 0 | | Source: Department of Highways |
| Flooding on Highway 313 between High Bridge road and Millington road. | | | | |
| A stalled frontal boundary brought several periods of heavy rain to the Eastern Shore. | | | | |
| MARYLAND, West | | | | |
| (MD-Z001) GARRETT | | | | |
| | 02/07/18 03:00 EST | 0 | | Winter Storm |
| | 02/07/18 15:00 EST | 0 | | |
| Low pressure moved up the western side of the Appalachians Tuesday night, February 6th into the morning hours of Wednesday, February 7th. Initially the precipitation started as snow across the upper Ohio Valley. As the warm air surged north, precipitation type changed to a wintry mix of sleet and freezing rain. Locations in northern West Virginia and southwestern Pennsylvania changed over to rain with temperatures climbing into the upper 30s to lower 40s. Eastern Ohio, the northern West Virginia Panhandle, and locations from central Beaver county, northeast into southern Jefferson county, Pennsylvania switched over to freezing rain. Ice accumulation was around a quarter of an inch for these places. Farther north along the I-80 corridor and parts of interior southeastern Ohio, cold air | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

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

remained socked in, keeping the precipitation all snow. Several inches of snow fell with the highest amounts located across parts of northern Butler county northeast into Clarion, Jefferson, and Forest counties. For eastern Ohio, Columbiana, Carroll, southwest into Coshocton county around six inches of snow fell.

GARRETT COUNTY --- 1.2 ENE OAKLAND [39.43, -79.40], 1.5 SW WEBER [39.39, -79.42], 1.6 E MTN LAKE PARK [39.40, -79.35], 1.0 ESE DEER PARK [39.41, -79.31], 0.9 N DEER PARK [39.43, -79.33]

| | | | |
|--|--------------------|---|---------------------------|
| | 02/16/18 05:00 EST | 0 | Flood (due to Heavy Rain) |
| | 02/17/18 08:00 EST | 0 | Source: Emergency Manager |

Emergency manager reported that Garrett Road and Liberty Street in Oakland were partially flooded. In addition, Boiling Springs road was flooded near Filsinger Lane.

GARRETT COUNTY --- 2.1 SSE GORTNER [39.32, -79.42], 2.6 ENE REDHOUSE [39.31, -79.42], 1.8 ENE REDHOUSE [39.31, -79.44], 2.1 S GORTNER [39.32, -79.43]

| | | | |
|--|--------------------|---|---------------------------|
| | 02/16/18 05:00 EST | 0 | Flood (due to Heavy Rain) |
| | 02/17/18 08:00 EST | 0 | Source: Emergency Manager |

Emergency manager reported that Mason School Road was partially closed due to flooding.

GARRETT COUNTY --- 3.2 NNE KEARNEY [39.37, -79.30], 3.5 NNE KEARNEY [39.37, -79.30], 3.5 NE KEARNEY [39.37, -79.29], 3.2 NE KEARNEY [39.37, -79.30]

| | | | |
|--|--------------------|---|---------------------------|
| | 02/16/18 05:00 EST | 0 | Flood (due to Heavy Rain) |
| | 02/17/18 08:00 EST | 0 | Source: Emergency Manager |

Emergency manager reported that Bethlehem Road was partially flooded near Combination Road.

Waves of heavy rain produced flooding on February 15th through the 16th. A line of thunderstorms developed along a lifting warm front, providing not only for enhancement in the rainfall totals, which ranged from 1-3 inches, but also attributed to shear that supported the development of a short-lived tornado over Uniontown, in Fayette county Pennsylvania. This was the first tornado in February since 1950 for the Pittsburgh Weather Service area of responsibility.

(MD-Z001) GARRETT

| | | | |
|--|--------------------|---|----------------|
| | 02/17/18 14:00 EST | 0 | Winter Weather |
| | 02/18/18 02:00 EST | 0 | |

A quick moving low pressure brought snow to parts of southwestern Pennsylvania, northern West Virginia, and western Maryland starting the afternoon of the 17th and ending early in the morning on the 18th. The snow started fast with 1-2" per hour accumulations. With a recent warm up, accumulation was largely confined to grassy surfaces. The highest snowfall totals fell in the mountains of northern West Virginia, western Maryland, and the Laurels of southwestern Pennsylvania, where the snow ranged from 6-8 inches in the highest peaks.

MASSACHUSETTS, Central and East

(MA-Z005) WESTERN MIDDLESEX, (MA-Z006) WESTERN ESSEX, (MA-Z012) SOUTHERN WORCESTER, (MA-Z015) SUFFOLK

| | | | |
|--|--------------------|-------|----------------|
| | 02/07/18 12:00 EST | 0.24M | Winter Weather |
| | 02/07/18 20:00 EST | 0 | |

A storm moved out of the Gulf of Mexico, crossing Southern New England on the night of the 7th. This brought a period of snow changing to freezing rain across Western, Central, and Northeast Massachusetts. Snow amounts ranged from one inch in the Southeast to five inches in Northwest Massachusetts, while ice amounts ranged from one-tenth inch to nearly four tenths inch.

(MA-Z004) NORTHERN WORCESTER, (MA-Z005) WESTERN MIDDLESEX, (MA-Z006) WESTERN ESSEX, (MA-Z007) EASTERN ESSEX, (MA-Z014) SOUTHEAST MIDDLESEX, (MA-Z015) SUFFOLK, (MA-Z026) NORTHWEST MIDDLESEX COUNTY

| | | | |
|--|--------------------|---|--------------|
| | 02/17/18 19:00 EST | 0 | Winter Storm |
| | 02/18/18 11:00 EST | 0 | |

Low pressure from the Lower Mississippi Valley moved northeast and passed offshore of Nantucket, bringing snow to much of Southern New England from the evening of the 17th through the morning of the 18th.

Storm Data and Unusual Weather Phenomena - February 2018

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

MASSACHUSETTS, West

(MA-Z001) NORTHERN BERKSHIRE, (MA-Z025) SOUTHERN BERKSHIRE

| | | |
|--------------------|---|----------------|
| 02/07/18 09:00 EST | 0 | Winter Weather |
| 02/07/18 22:00 EST | 0 | |

A winter storm brought mixed wintry precipitation to the region. Precipitation began as snow during the morning hours but changed to a mix of sleet, freezing rain and snow during the afternoon hours. Precipitation transitioned back to snow during the evening hours before exiting the region to the east. Snowfall and sleet totals ranged from 2 inches to 8 inches, with the higher totals north of Pittsfield.

(MA-Z001) NORTHERN BERKSHIRE, (MA-Z025) SOUTHERN BERKSHIRE

| | | |
|--------------------|---|----------------|
| 02/17/18 21:00 EST | 0 | Winter Weather |
| 02/18/18 07:00 EST | 0 | |

A low pressure system tracked southeast of New York, spreading light to moderate snowfall across Berkshire county, Massachusetts. The snowfall primarily fell Saturday night into early Sunday morning, with reports of up to 5.0 inches in Berkshire county.

MICHIGAN, East

(MI-Z075) WASHTENAW, (MI-Z076) WAYNE, (MI-Z082) LENAWE, (MI-Z083) MONROE

| | | |
|--------------------|---|------------|
| 02/09/18 02:00 EST | 0 | Heavy Snow |
| 02/09/18 21:00 EST | 0 | |

Six to nine inches of snow fell along and south of the I-69 corridor over a 14 to 18 hour period, with four to six inches north. Heavy snow, with 1 inch per hour rates at times impacted the Friday morning commute and persisted through the day. This heavy snowfall resulted in numerous traffic accidents and school closures across southeast Michigan. Snow finally began to diminish by early evening.

Here are some of the higher totals received:

| | |
|-----------------------|-------------|
| Saline | 8.9 inches. |
| Detroit Metro Airport | 8.7 inches. |
| Northville | 8.5 inches. |
| Carleton | 8.0 inches. |
| Ann Arbor | 7.0 inches. |

GENESEE COUNTY --- 3.8 W BRENT CREEK [43.11, -83.94], 0.5 WSW ARGENTINE [42.78, -83.84], 11.0 SE GOODRICH [42.82, -83.33], 1.9 NNW OTTER LAKE [43.25, -83.48]

| | | |
|--------------------|---|---------------------------------------|
| 02/20/18 16:30 EST | 0 | Flood (due to Heavy Rain / Snow Melt) |
| 02/25/18 03:00 EST | 0 | Source: River/Stream Gage |

Dozens of streets were flooded, with a couple cars stranded. Kearsley creek near Davidson reached moderate flood stage, peaking at 11.24 feet on February 21st at 800 AM EST.

SHIAWASSEE COUNTY --- 3.6 W CARLAND [43.06, -84.35], 1.1 NW JUDDVILLE [43.06, -83.99], 1.7 SSW BYRON [42.80, -83.96], 0.6 NW SHAFTSBURG [42.81, -84.31]

| | | |
|--------------------|---|---------------------------------------|
| 02/20/18 17:00 EST | 0 | Flood (due to Heavy Rain / Snow Melt) |
| 02/27/18 03:00 EST | 0 | Source: River/Stream Gage |

Roads were closed due to flooding. The Shiawassee River at Owosso reached moderate flood stage, peaking at 9.1 feet on February 21nd at 930 AM EST.

LIVINGSTON COUNTY --- 0.9 NW GREGORY [42.46, -84.09], 2.2 S WHITMORE LAKE [42.39, -83.74], 0.9 WSW HARTLAND [42.65, -83.77], 11.0 NW FOWLerville ARPT [42.83, -84.22]

| | | |
|--------------------|---|---------------------------------------|
| 02/21/18 04:00 EST | 0 | Flood (due to Heavy Rain / Snow Melt) |
| 02/28/18 15:00 EST | 0 | Source: River/Stream Gage |

Many roads were flooded, with one car reported stranded in the flood waters.

The Huron River at Hamburg reached moderate flood stage, peaking at 7.28 feet on February 24th at 845 PM EST.

MIDLAND COUNTY --- 1.7 W SANFORD [43.67, -84.41], 0.7 SE EDENVILLE [43.79, -84.37], 6.0 ENE MAPLETON [43.61, -84.08], 1.0 NW LAPORTE [43.51, -84.22]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------------------|
| | 02/21/18 10:00 EST | | 0 | Flood (due to Heavy Rain / Snow Melt) |
| | 02/23/18 13:30 EST | | 0 | Source: River/Stream Gage |

Over a dozen roads were closed due to flooding. The Tittabawassee River at Midland reached moderate flood stage, peaking at 27.52 feet on February 22nd at 630 AM EST.

| SAGINAW COUNTY --- 3.8 NE IVA [43.51, -84.22], 1.3 NW MUNGER [43.54, -83.79], 3.0 SSE FRANKENMUTH ARPT [43.28, -83.70], 1.3 ENE BRANT [43.26, -84.21] | | | | |
|--|--------------------|--|---|---------------------------------------|
| | 02/21/18 12:00 EST | | 0 | Flood (due to Heavy Rain / Snow Melt) |
| | 02/28/18 23:00 EST | | 0 | Source: River/Stream Gage |

Dozens of roads were closed due to flooding. The Saginaw River at Saginaw reached moderate flood stage, peaking at 27.50 feet on February 23rd at 430 PM EST.

A series of disturbances traveling along a slow-moving frontal boundary to the west of Southeast Michigan brought repeated rounds of heavy rainfall to the region over a 48 hour period. As the main low pressure system moved northeastward from the Central Plains to the Upper Peninsula of Michigan on Tuesday, February 20, record high moisture content for February standards moved into Southeast Michigan. Record warmth accompanying the moisture caused the snow pack to melt as repeated rounds of rain brought two to three inches of rain with isolated amounts up to 4 inches from Monday, February 19 through Wednesday, February 21. Several rivers experienced moderate flooding.

MICHIGAN, Extreme Southwest

| (MI-Z077) BERRIEN, (MI-Z078) CASS, (MI-Z079) ST. JOSEPH, (MI-Z080) BRANCH, (MI-Z081) HILLSDALE | | | | |
|---|--------------------|--|---|----------------|
| | 02/04/18 00:00 EST | | 0 | Winter Weather |
| | 02/04/18 21:00 EST | | 0 | |

Snow, moderate at times, accompanied an upper level system that dropped 3 to 5 inches of snow on February 4th.

| (MI-Z077) BERRIEN, (MI-Z078) CASS, (MI-Z079) ST. JOSEPH, (MI-Z080) BRANCH, (MI-Z081) HILLSDALE | | | | |
|---|--------------------|--|---|------------|
| | 02/09/18 00:00 EST | | 0 | Heavy Snow |
| | 02/09/18 21:00 EST | | 0 | |

Snow, heavy at times, accumulated to between 9 and 15 inches of snow across southern Michigan on February 9th creating hazardous travel conditions.

| CASS COUNTY --- 5.6 SSW BARRON LAKE [41.76, -86.23], 3.8 SW MOTTVILLE [41.76, -85.80], 1.9 W CHAMBERLAINS [42.06, -85.77], 2.5 WNW SANDY SHORES [42.07, -86.22] | | | | |
|--|--------------------|--|-------|---------------------------------------|
| | 02/20/18 12:09 EST | | 0.55M | Flood (due to Heavy Rain / Snow Melt) |
| | 02/20/18 12:10 EST | | 0 | Source: Emergency Manager |

Flooding occurred due to high water levels in many creeks, streams and rivers in the county. Several roads were closed for a period of time until flood waters receded. A few dozen structures were impacted by the flood waters as well as minor road damage. Damage of around 550,000 dollars was estimated.

| BERRIEN COUNTY --- 0.8 SSE MICHIANA SHRS [41.76, -86.82], 1.7 NNE HARBERT [41.89, -86.62], 0.5 NW ST JOSEPH [42.11, -86.48], 0.6 WNW HAGAR SHRS [42.23, -86.36], 2.4 NNE WATERLIET ARPT [42.23, -86.23], 2.4 ESE BERTRAND [41.76, -86.23] | | | | |
|--|--------------------|--|-------|---------------------------------------|
| | 02/20/18 13:08 EST | | 8.40M | Flood (due to Heavy Rain / Snow Melt) |
| | 02/20/18 13:09 EST | | 0 | Source: Emergency Manager |

Extensive flooding occurred across the county with over 300 structures suffering varying degrees of damage from the flood waters. Several roads were closed across the area with some suffering partial washouts as rivers rose to record or near record levels. Initial damage estimates are at least 8 million dollars.

| ST. JOSEPH COUNTY --- 1.2 N FACTORYVILLE [42.07, -85.30], 3.3 ESE FAWN RIVER [41.76, -85.29], 3.3 SSW MOTTVILLE [41.76, -85.78], 0.6 WSW MOTTVILLE [41.80, -85.76], 1.7 W CHAMBERLAINS [42.07, -85.76] | | | | |
|---|--------------------|--|-------|---------------------------------------|
| | 02/20/18 16:58 EST | | 0.68M | Flood (due to Heavy Rain / Snow Melt) |
| | 02/20/18 16:59 EST | | 0 | Source: Emergency Manager |

Flooding occurred due to high water levels in many creeks, streams and rivers in the county. Several roads were closed for a period of time until flood waters receded. Over 60 structures were impacted by the flood waters as well as minor road damage. Damage of around 680,000 dollars was estimated.

Storm Data and Unusual Weather Phenomena - February 2018

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

A slow release of a snow pack, containing one to over two inches of water, occurred in the days leading to the event which started the process of river rises in many areas. Low pressure tracked from northwest Iowa into northern Lower Michigan, which ushered in a rapid warmup and equally rapid release of any remaining water in the snowpack. Several rounds of rain occurred between the 19th and 21st of February across the region, fed by record high precipitable water levels (by February standards) in the 1.3 to 1.5 inch range. A swath of four to six inches of rain fell northwest of a Sturgis to Coldwater line. All these factors combined to cause extensive flooding in the St Joseph river basin, with a record crest occurring at Niles. These water levels forced evacuations of homes and closure of businesses and schools, rescues from those driving into flood waters and an overwhelming of water treatment facilities in a few communities. Preliminary damage estimates across Berrien, Cass and St Joseph counties was in excess of nine million dollars.

MICHIGAN, North

(MI-Z016) EMMET, (MI-Z017) CHEBOYGAN

| | | |
|--------------------|---|-----------|
| 02/20/18 01:00 EST | 0 | Ice Storm |
| 02/20/18 12:00 EST | 0 | |

Deep and moist southwest flow, well ahead of an approaching low pressure system, resulted in a wintry mix over eastern upper and far northern lower Michigan. Freezing rain was focused over the tip of northern lower Michigan, with measured ice accumulations just above a quarter of an inch at Pellston, and reports of similar ice amounts near Aloha in Cheboygan County.

MICHIGAN, Upper

(MI-Z003) NORTHERN HOUGHTON

| | | |
|--------------------|---|----------------|
| 02/02/18 08:00 EST | 0 | Winter Weather |
| 02/03/18 08:00 EST | 0 | |

Moderate lake effect snow fell over much of northern Houghton County from the 2nd into the 3rd.

(MI-Z003) NORTHERN HOUGHTON, (MI-Z005) MARQUETTE, (MI-Z006) ALGER, (MI-Z011) DICKINSON, (MI-Z012) MENOMINEE, (MI-Z013) DELTA

| | | |
|--------------------|---|----------------|
| 02/03/18 07:00 CST | 0 | Winter Weather |
| 02/03/18 21:30 CST | 0 | |

(MI-Z003) NORTHERN HOUGHTON, (MI-Z005) MARQUETTE, (MI-Z006) ALGER, (MI-Z011) DICKINSON, (MI-Z012) MENOMINEE, (MI-Z013) DELTA

| | | |
|--------------------|---|----------------|
| 02/03/18 08:00 EST | 0 | Winter Weather |
| 02/04/18 08:00 EST | 0 | |

A low pressure system tracking from the Central Plains into the Lower Great Lakes dropped moderate to briefly heavy snow over portions of west and central Upper Michigan from the 3rd into early morning on the 4th.

(MI-Z006) ALGER

| | | |
|--------------------|---|----------------|
| 02/11/18 06:30 EST | 0 | Winter Weather |
| 02/12/18 06:30 EST | 0 | |

The observer at Munising reported moderate snowfall from the 12th into the 13th.

(MI-Z001) KEWEENAW, (MI-Z002) ONTONAGON, (MI-Z003) NORTHERN HOUGHTON, (MI-Z004) BARAGA, (MI-Z005) MARQUETTE, (MI-Z006) ALGER, (MI-Z007) LUCE, (MI-Z011) DICKINSON, (MI-Z012) MENOMINEE, (MI-Z013) DELTA

| | | |
|--------------------|-----|----------------|
| 02/19/18 07:00 EST | 25K | Winter Weather |
| 02/20/18 12:00 EST | 0 | |

(MI-Z001) KEWEENAW, (MI-Z002) ONTONAGON, (MI-Z003) NORTHERN HOUGHTON, (MI-Z004) BARAGA, (MI-Z005) MARQUETTE, (MI-Z006) ALGER, (MI-Z007) LUCE, (MI-Z011) DICKINSON, (MI-Z012) MENOMINEE, (MI-Z013) DELTA

| | | |
|--------------------|---|----------------|
| 02/19/18 18:00 CST | 0 | Winter Weather |
| 02/20/18 12:00 CST | 0 | |

A band of moderate to heavy snow moved across western Upper Michigan on the 19th, and a mix of moderate snow and freezing rain impacted central Upper Michigan from the evening of the 19th into the morning of the 20th.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|------------------------|
| (MI-Z002) ONTONAGON, (MI-Z004) BARAGA, (MI-Z005) MARQUETTE, (MI-Z006) ALGER, (MI-Z007) LUCE, (MI-Z009) GOGEBIC, (MI-Z010) IRON, (MI-Z011) DICKINSON, (MI-Z012) MENOMINEE, (MI-Z013) DELTA, (MI-Z014) SOUTHERN SCHOOLCRAFT | | | | |
| | 02/22/18 23:00 CST | | 0 | Winter Weather |
| | 02/23/18 09:00 CST | | 0 | |
| (MI-Z001) KEWEENAW, (MI-Z003) NORTHERN HOUGHTON | | | | |
| | 02/23/18 00:00 EST | | 0 | Winter Storm |
| | 02/23/18 09:00 EST | | 0 | |
| (MI-Z002) ONTONAGON, (MI-Z004) BARAGA, (MI-Z005) MARQUETTE, (MI-Z006) ALGER, (MI-Z007) LUCE, (MI-Z009) GOGEBIC, (MI-Z010) IRON, (MI-Z011) DICKINSON, (MI-Z012) MENOMINEE, (MI-Z013) DELTA, (MI-Z014) SOUTHERN SCHOOLCRAFT | | | | |
| | 02/23/18 00:00 EST | | 0 | Winter Weather |
| | 02/23/18 09:00 EST | | 0 | |
| A low pressure system passing south of Upper Michigan produced moderate to heavy snow across much of Upper Michigan from the evening of the 22nd into the morning of the 23rd. | | | | |
| (MI-Z001) KEWEENAW, (MI-Z002) ONTONAGON, (MI-Z003) NORTHERN HOUGHTON, (MI-Z009) GOGEBIC | | | | |
| | 02/24/18 08:00 EST | | 0 | Winter Storm |
| | 02/25/18 14:00 EST | | 0 | |
| (MI-Z004) BARAGA, (MI-Z005) MARQUETTE, (MI-Z006) ALGER, (MI-Z007) LUCE, (MI-Z010) IRON, (MI-Z011) DICKINSON, (MI-Z012) MENOMINEE, (MI-Z013) DELTA, (MI-Z084) SOUTHERN HOUGHTON | | | | |
| | 02/24/18 08:00 EST | | 0 | Winter Weather |
| | 02/25/18 08:00 EST | | 0 | |
| (MI-Z001) KEWEENAW, (MI-Z002) ONTONAGON, (MI-Z003) NORTHERN HOUGHTON, (MI-Z009) GOGEBIC | | | | |
| | 02/24/18 21:00 CST | | 0 | Winter Storm |
| | 02/25/18 06:00 CST | | 0 | |
| (MI-Z004) BARAGA, (MI-Z005) MARQUETTE, (MI-Z006) ALGER, (MI-Z007) LUCE, (MI-Z010) IRON, (MI-Z011) DICKINSON, (MI-Z012) MENOMINEE, (MI-Z013) DELTA, (MI-Z084) SOUTHERN HOUGHTON | | | | |
| | 02/24/18 22:00 CST | | 0 | Winter Weather |
| | 02/25/18 06:00 CST | | 0 | |
| A storm system originating over the Southern Rockies lifted across the Upper Great Lakes and brought moderate to heavy snow to the west half of Upper Michigan from the evening of the 24th into the 25th. Some light freezing rain was also reported over mainly south central and eastern portions of the U.P. | | | | |
| (MI-Z005) MARQUETTE, (MI-Z006) ALGER, (MI-Z007) LUCE, (MI-Z013) DELTA | | | | |
| | 02/28/18 00:00 EST | | 0 | Winter Weather |
| | 02/28/18 04:00 EST | | 0 | |
| Briefly heavy mixed precipitation fell across portions of central Upper Michigan early on the 28th. | | | | |

MICHIGAN, West

| | | | | |
|---|--------------------|--|---|------------|
| (MI-Z071) VAN BUREN, (MI-Z072) KALAMAZOO, (MI-Z073) CALHOUN, (MI-Z074) JACKSON | | | | |
| | 02/09/18 00:00 EST | | 0 | Heavy Snow |
| | 02/09/18 19:00 EST | | 0 | |

A low pressure system brought significant snowfall on February 9th to far southern lower Michigan, where up to around 8 to 10 inches of snow was reported from near Keeler and Paw Paw east to near Jackson along the I-94 corridor.

MINNESOTA, Central and South Central

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|------------------------|
| (MN-Z041) DOUGLAS, (MN-Z042) TODD, (MN-Z043) MORRISON, (MN-Z044) MILLE LACS, (MN-Z045) KANABEC, (MN-Z049) STEARNS, (MN-Z050) BENTON, (MN-Z051) SHERBURNE, (MN-Z052) ISANTI, (MN-Z053) CHISAGO, (MN-Z058) MEEKER, (MN-Z059) WRIGHT, (MN-Z060) HENNEPIN, (MN-Z061) ANOKA, (MN-Z062) RAMSEY, (MN-Z063) WASHINGTON, (MN-Z066) MCLEOD, (MN-Z067) SIBLEY, (MN-Z068) CARVER, (MN-Z074) BROWN, (MN-Z075) NICOLLET | | | | |
| | 02/24/18 11:30 CST | | 0 | Winter Storm |
| | 02/25/18 00:00 CST | | 0 | |

The morning of Saturday, February 24th, a storm system moved out of the Plains, and into the Upper Midwest.

Several waves of snow, mixed with sleet and freezing drizzle at times in south central, and east central Minnesota, moved across Minnesota, and into western Wisconsin during the day Saturday. The first wave of light snow moved across southwest, west central, and central Minnesota during the morning, but most areas only received a light dusting with some sleet noted along the Iowa border. By the afternoon, the snow had spread across the rest of southern Minnesota, and into western Wisconsin.

During the mid to late afternoon, the snowfall became heavier in Minnesota, and pivoted to the east-northeast before tapering off during the evening in eastern Minnesota.

Snowfall amounts varied across central, and southern Minnesota, with the heavier bands from near New Ulm in south central Minnesota, northeast to the western suburbs of the Twin Cities, and into west central Wisconsin around Osceola, and St. Croix Falls. Farther to the south and southeast across Minnesota, especially along the Iowa border, the mixture of sleet and freezing rain during the day, kept snowfall amounts much lower than expected. Most areas that had a mixture of sleet and freezing rain received between 3 and 5 inches of snow. Elsewhere, more snow led to higher totals.

Another area of heavier snowfall occurred from Alexandria, eastward into Todd and Morrison Counties of central Minnesota during the afternoon, and early evening.

Some of the heavier totals included:

- 9.0 Inches near Princeton and Orrock in Sherburne County.
- 9.0 Inches near St. Francis in Anoka County.
- 9.0 Inches near Alexandria in Douglas County.
- 8.0 Inches near New Germany & Norwood/Young America in Carver County.
- 8.0 Inches near Cambridge in Isanti County.
- 8.0 Inches near Hutchinson in McLeod County.
- 8.0 Inches near Gaylord in Sibley County.

MINNESOTA, Northeast

| | | | | |
|---|--------------------|--|---|----------------|
| (MN-Z037) SOUTHERN ST. LOUIS / CARLTON | | | | |
| | 02/03/18 07:00 CST | | 0 | Winter Weather |
| | 02/03/18 18:00 CST | | 0 | |

A vehicle lost control on ice-covered Interstate 35 and rolled in the median near Cloquet about mid morning. A male who was not wearing a seat belt was transported to an area hospital where he succumbed to his injuries a few days later. Another crash occurred later in the afternoon around 4:15 PM when a vehicle lost control and entered the median and rolled multiple times. A passenger in the vehicle was killed while another sustained life-threatening injuries. The driver of this vehicle did not report any injuries.

A winter weather advisory was in effect during the crashes for a few inches of snowfall and slick roadways.

| | | | | |
|---|--------------------|--|---|-------------------------|
| (MN-Z010) KOOCHICHING, (MN-Z011) NORTHERN ST. LOUIS, (MN-Z018) NORTHERN ITASCA, (MN-Z019) CENTRAL ST. LOUIS, (MN-Z021) SOUTHERN COOK, (MN-Z037) SOUTHERN ST. LOUIS / CARLTON | | | | |
| | 02/04/18 00:00 CST | | 0 | Extreme Cold/Wind Chill |
| | 02/04/18 12:00 CST | | 0 | |

Cold arctic air descended upon the Northland overnight with wind chills in the minus 40 range.

| | | | | |
|------------------------------|--------------------|--|---|-------------------------|
| (MN-Z010) KOOCHICHING | | | | |
| | 02/06/18 00:00 CST | | 0 | Extreme Cold/Wind Chill |
| | 02/06/18 12:00 CST | | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

Cold wind chills were felt across portions of Koochiching County with winds chills in the -40 range.

(MN-Z011) NORTHERN ST. LOUIS, (MN-Z012) NORTHERN COOK / NORTHERN LAKE, (MN-Z018) NORTHERN ITASCA, (MN-Z019) CENTRAL ST. LOUIS, (MN-Z020) SOUTHERN LAKE, (MN-Z021) SOUTHERN COOK, (MN-Z025) NORTHERN CASS, (MN-Z026) SOUTHERN ITASCA

| | | | |
|--|--------------------|---|------------|
| | 02/18/18 06:00 CST | 0 | Heavy Snow |
| | 02/19/18 00:00 CST | 0 | |

A band of snow developed over northeast Minnesota. The main snow area was along and north of U.S. Highway 2 in Minnesota where amounts ranged from 6 to 15 inches. The highest amounts were from northern Cass County across much of Itasca, central St. Louis County and all of the Arrowhead region.

(MN-Z037) SOUTHERN ST. LOUIS / CARLTON, (MN-Z038) PINE

| | | | |
|--|--------------------|---|------------|
| | 02/19/18 08:00 CST | 0 | Heavy Snow |
| | 02/20/18 09:00 CST | 0 | |

A car accident occurred during a snow storm along Highway 61 near Brighton Beach in Duluth. The vehicle crossed the center line and crashed into an oncoming vehicle resulting in a the driver one of the vehicles succumbing to her injuries. Roads were snow-covered and slippery at the time with snow falling. Snowfall around that time was about 2 inches.

Heavy snowfall bands persisted through the day dropping over 6 to 10 inches across portions of Carlton, Pine, and Southern St. Louis counties.

(MN-Z037) SOUTHERN ST. LOUIS / CARLTON, (MN-Z038) PINE

| | | | |
|--|--------------------|---|------------|
| | 02/19/18 08:00 CST | 0 | Heavy Snow |
| | 02/20/18 09:00 CST | 0 | |

A batch of snow developed in the morning of the 19th. Snow continued to fall into the evening, ending Tuesday morning. This snow area was mainly from the head of Lake Superior, including Duluth, and south across Moose Lake and Sturgeon Lake to as far south as Bruno. Snowfall ranged from 9 to 11 inches. A car crash during the snow storm near Brighton Beach in Duluth claimed to life of a woman driver.

(MN-Z019) CENTRAL ST. LOUIS, (MN-Z033) SOUTHERN CASS, (MN-Z034) CROW WING, (MN-Z035) NORTHERN AITKIN, (MN-Z037) SOUTHERN ST. LOUIS / CARLTON

| | | | |
|--|--------------------|---|------------|
| | 02/22/18 18:00 CST | 0 | Heavy Snow |
| | 02/23/18 09:00 CST | 0 | |

Snow fell across the entire forecast area. Snow began in the evening of the 22nd and ended around sunrise on the 23rd. Highest snowfall amounts ranged from 6 to about 11 inches from Crow Wing County, through northern Aitkin County to central and southern St. County. Much of Crow Wing County had 7.5 to 8 inches of snow in a less than 12 hours.

(MN-Z025) NORTHERN CASS

| | | | |
|--|--------------------|---|-----------------|
| | 02/24/18 08:00 CST | 0 | Cold/Wind Chill |
| | 02/25/18 08:50 CST | 0 | |

On the morning of the 25th, the Cass County Sheriff's Office received a report of an unresponsive male in a fish house on Leech Lake. The 21 year old male was pronounced deceased upon arrival at the hospital. The medical examiner ruled cause of death as accidental carbon monoxide poisoning. Overnight low temperatures were in the upper teens.

(MN-Z011) NORTHERN ST. LOUIS, (MN-Z012) NORTHERN COOK / NORTHERN LAKE, (MN-Z019) CENTRAL ST. LOUIS, (MN-Z020) SOUTHERN LAKE, (MN-Z021) SOUTHERN COOK, (MN-Z026) SOUTHERN ITASCA, (MN-Z033) SOUTHERN CASS, (MN-Z034) CROW WING, (MN-Z035) NORTHERN AITKIN, (MN-Z036) SOUTHERN AITKIN, (MN-Z037) SOUTHERN ST. LOUIS / CARLTON, (MN-Z038) PINE

| | | | |
|--|--------------------|---|------------|
| | 02/24/18 16:00 CST | 0 | Heavy Snow |
| | 02/25/18 09:00 CST | 0 | |

Heavy snow began across the Northland during the late afternoon and early evening. By midnight some areas had already received close to 6 inches of snow, with more falling overnight. The western end of Lake Superior and the north shore, including the Arrowhead region, received the most snow. Finland had 14 inches of snow, with Duluth at nearly 8 inches and Island Lake at 8.5 inches. Portions along Interstate-35 received up to 8 inches of snow. Some areas received less than 6 inches of snow but the snowfall rate and strong winds made travel conditions difficult. The average wind speed at Duluth was 26 mph with a peak wind of 36 mph, all from the east.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|------------------------|
| (MN-Z001) WEST POLK, (MN-Z002) NORMAN, (MN-Z009) NORTH BELTRAMI, (MN-Z014) RED LAKE, (MN-Z015) EAST POLK, (MN-Z016) NORTH CLEARWATER, (MN-Z017) SOUTH BELTRAMI, (MN-Z022) MAHNOTOMEN, (MN-Z023) SOUTH CLEARWATER, (MN-Z024) HUBBARD | | | | |
| | 02/18/18 05:40 CST | | 0 | Heavy Snow |
| | 02/18/18 15:59 CST | | 0 | |

Surface low pressure tracked across South Dakota on the morning of February 18th, then moved to just north of the Twin Cities in Minnesota by the early evening. An area of snow over north central South Dakota in the early morning hours spread east-northeast, eventually setting up in an east-west band from New Rockford to Hillsboro to Bemidji. There were intense snow rates within this band through the remainder of the morning into the afternoon. Snow totals ranged from 6 to 15 inches along this corridor.

MINNESOTA, Southeast

| | | | | |
|--|--------------------|--|----|----------------|
| (MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON | | | | |
| | 02/19/18 07:10 CST | | 5K | Winter Weather |
| | 02/20/18 06:10 CST | | 0 | |

A prolonged period of freezing drizzle and freezing rain on February 19th and 20th produced a coating of ice on untreated surfaces across southeast Minnesota. The precipitation fell with temperatures below freezing as a slow moving area of low pressure moved from the Missouri River Valley toward the Great Lakes. Ice accumulations up to a quarter of an inch were reported on Mower County roads and most schools were either closed or delayed on the 20th.

MINNESOTA, Southwest

| | | | | |
|--|--------------------|--|---|-----------------|
| (MN-Z071) LINCOLN, (MN-Z072) LYON, (MN-Z080) MURRAY, (MN-Z081) COTTONWOOD, (MN-Z089) NOBLES, (MN-Z090) JACKSON, (MN-Z097) PIPESTONE, (MN-Z098) ROCK | | | | |
| | 02/04/18 00:00 CST | | 0 | Cold/Wind Chill |
| | 02/04/18 12:00 CST | | 0 | |

Arctic air surged southward early on February 4th on gusty northerly winds of 20 to 35 mph. Dangerous wind chills reached -25 to -35.

| | | | | |
|--|--------------------|--|---|----------------|
| (MN-Z089) NOBLES, (MN-Z090) JACKSON, (MN-Z098) ROCK | | | | |
| | 02/05/18 06:00 CST | | 0 | Winter Weather |
| | 02/05/18 13:00 CST | | 0 | |

A disturbance rotating around a large Canadian upper vortex brought a period of enhanced frontogenetic forcing through the Missouri River valley and eastward across northwest Iowa and far southern Minnesota. Snowfall averaged from 2 to 5 inches.

| | | | | |
|---|--------------------|--|---|----------------|
| (MN-Z080) MURRAY, (MN-Z081) COTTONWOOD, (MN-Z089) NOBLES, (MN-Z090) JACKSON, (MN-Z097) PIPESTONE, (MN-Z098) ROCK | | | | |
| | 02/08/18 16:00 CST | | 0 | Winter Weather |
| | 02/09/18 01:00 CST | | 0 | |

Another in a series of Alberta clipper systems moving across the plains left behind a swath of light to moderate snow accumulations across southwest Minnesota. Much of the area received from 2 to 4 inches snowfall, while wind chills dropped below zero by the end of the time of snowfall.

| | | | | |
|--|--------------------|--|---|----------------|
| (MN-Z080) MURRAY, (MN-Z081) COTTONWOOD, (MN-Z089) NOBLES, (MN-Z090) JACKSON, (MN-Z098) ROCK | | | | |
| | 02/19/18 06:00 CST | | 0 | Winter Weather |
| | 02/20/18 07:00 CST | | 0 | |

With shallow cold air in place, warm advection associated with a weak wave of low pressure moving northeast from Kansas to Wisconsin produced a shield of light precipitation across southwest Minnesota. While most precipitation was a mix of light freezing rain, freezing drizzle and light snow on February 19 which resulted in a 0.05 to 0.15 inch ice accumulation, a second round of precipitation early on February 20 brought a dusting of less than an inch of snow which coated the ice and produced hazardous travel conditions. For the two day period, school delays were common for those not already out for the Washington's Birthday holiday.

| | | | | |
|---|--|--|--|--|
| (MN-Z071) LINCOLN, (MN-Z072) LYON, (MN-Z097) PIPESTONE | | | | |
|---|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/19/18 09:00 CST | | 0 | Winter Weather |
| | 02/20/18 07:00 CST | | 0 | |

With shallow cold air in place, warm advection associated with a weak wave of low pressure moving northeast from Kansas to Wisconsin produced a shield of light precipitation across northwest Iowa. Most precipitation was in the form of snowfall, which totaled from 2 to 4 inches. Greatest accumulations were measured at Pipestone, Tracy and Marshall (4.0 inches).

| | | | | |
|---|--------------------|--|---|----------------|
| (MN-Z080) MURRAY, (MN-Z081) COTTONWOOD, (MN-Z089) NOBLES, (MN-Z090) JACKSON, (MN-Z098) ROCK | 02/22/18 13:00 CST | | 0 | Winter Weather |
| | 02/23/18 01:00 CST | | 0 | |

A second disturbance in three days traversed the deep western trough, and the associated jet streak produced another area of widespread light to moderate snowfall across southwest Minnesota. Snowfall varied from 3 to 5 inches.

| | | | | |
|--|--------------------|--|---|--------------|
| (MN-Z071) LINCOLN, (MN-Z072) LYON, (MN-Z097) PIPESTONE | 02/22/18 13:00 CST | | 0 | Winter Storm |
| | 02/23/18 01:00 CST | | 0 | |

A second disturbance in three days traversed the deep western trough, and the associated jet streak produced another area of snowfall across southwest Minnesota. A narrow band of heavier snowfall produced accumulations from 4 to 7 inches.

| | | | | |
|---|--------------------|--|---|----------------|
| (MN-Z071) LINCOLN, (MN-Z072) LYON, (MN-Z080) MURRAY, (MN-Z081) COTTONWOOD, (MN-Z089) NOBLES, (MN-Z090) JACKSON, (MN-Z097) PIPESTONE, (MN-Z098) ROCK | 02/24/18 09:00 CST | | 0 | Winter Weather |
| | 02/24/18 20:00 CST | | 0 | |

Ejection of the main upper level wave (which had already steered a pair of snow producing systems across the area during the prior week) brought yet another light to moderate snowfall over northwest Iowa, southeast South Dakota, northeast Nebraska and southwest Minnesota. While it generally snowed for five to eight hours at most across southwest Minnesota, a majority of that time found visibility of a mile or less. Snowfall amounts 3 to 5 inches were common, and as a result of the snowfall rate, roads rapidly became snow-covered and hazardous.

MISSISSIPPI, Central

| | | | | |
|--|--------------------|--|---|----------------------|
| MADISON COUNTY --- 2.4 WNW FLORA LANE ARPT [32.59, -90.31] | 02/06/18 23:40 CST | | 0 | Hail (1.00 in) |
| | 02/06/18 23:40 CST | | 0 | Source: Social Media |

One inch hail occurred in the Kearney Park area.

| | | | | |
|---|--------------------|--|----|------------------------------|
| MADISON COUNTY --- 1.0 WNW TRUITT [32.81, -89.92] | 02/07/18 01:01 CST | | 5K | Thunderstorm Wind (EG 50 kt) |
| | 02/07/18 01:01 CST | | 0 | Source: Law Enforcement |

Trees were blown down on Truitt Road.

| | | | | |
|--|--------------------|--|----|------------------------------|
| ATTALA COUNTY --- 10.6 SSE ETHEL [32.98, -89.39] | 02/07/18 01:33 CST | | 3K | Thunderstorm Wind (EG 50 kt) |
| | 02/07/18 01:33 CST | | 0 | Source: Law Enforcement |

A tree was blown down at the intersection of Center Road and Highway 19.

| | | | | |
|--|--------------------|--|-----|------------------------------|
| ATTALA COUNTY --- 8.5 SE ETHEL [33.05, -89.35] | 02/07/18 01:35 CST | | 25K | Thunderstorm Wind (EG 50 kt) |
| | 02/07/18 01:35 CST | | 0 | Source: Law Enforcement |

A tree fell on and destroyed a pickup truck.

| | | | | |
|---|--|--|--|--|
| WINSTON COUNTY --- 4.0 ENE LOUISVILLE [33.16, -88.99] | | | | |
|---|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------------|
| | 02/07/18 01:52 CST | | 50K | Thunderstorm Wind (EG 50 kt) |
| | 02/07/18 01:52 CST | | 0 | Source: Broadcast Media |

A tree fell on a home along Brooksville Road near Truman Weeks Road.

LAUDERDALE COUNTY --- 5.2 NNW MEEHAN [32.40, -88.91], 1.0 N NELLIEBURG [32.41, -88.78]

| | | | | |
|--|--------------------|--|-------|---------------------------------------|
| | 02/07/18 04:15 CST | | 0.20M | Tornado (EF1, L: 7.92 mi , W: 300 yd) |
| | 02/07/18 04:26 CST | | 0 | Source: NWS Storm Survey |

This tornado touched down along Bogue Statinea Road and tracked east northeast for roughly 8 miles. The initial damage was a few uprooted and snapped pine trees from touchdown and as it crossed Bogue Flower Road. The intensity increased as the tornado crossed some private property just west of the intersection of Bogue Statinea Road and Suqualena Meehan Road. Here part of a roof of a metal barn was removed with a large metal truss thrown onto a framed house. Roof damage was sustained to this home along with portions of the shed heavily damaged. Heavier tree damage was also noted here as the tornado crossed a pasture. The most intense damage occurred in and around the intersection of Bogue Statinea Road and Suqualena Meehan Road. Here numerous trees were snapped and uprooted along with several power lines and poles downed. A travel trailer was rolled and small shed was destroyed. A few other structures sustained minor damage here as well. The tornado continued to the east northeast and weakened a fair amount as it crossed Suqualena Graham and Woods Roads. In the Tanglewood neighborhood, minor damage occurred from a few downed trees and snapped limbs to homes and a trampoline was thrown. The tornado dissipated just at Highway 19. This tornado was rated EF1 with maximum winds near 110 mph. Max width was 300 yards.

LAUDERDALE COUNTY --- 2.4 NNE COMPLETE [32.41, -88.71]

| | | | | |
|--|--------------------|--|-----|------------------------------|
| | 02/07/18 04:36 CST | | 50K | Thunderstorm Wind (EG 52 kt) |
| | 02/07/18 04:36 CST | | 0 | Source: Broadcast Media |

There was roof damage to a restaurant.

RANKIN COUNTY --- 2.3 W LANGFORD [32.35, -90.01], 1.2 NE CLEARY [32.18, -90.16], 1.5 W ANSE [32.12, -90.13], 2.8 NNE RANKIN [32.32, -89.91]

| | | | | |
|--|--------------------|--|-----|---------------------------------|
| | 02/07/18 06:00 CST | | 10K | Flash Flood (due to Heavy Rain) |
| | 02/07/18 07:15 CST | | 0 | Source: Law Enforcement |

A few roadways were flooded throughout the county, including Castlewoods Blvd. in Brandon and Williams Road in Florence.

NESHOPA COUNTY --- 3.1 SW DIXON [32.64, -89.26], 2.3 SE DOWDVILLE [32.66, -89.27], 2.5 SSE DOWDVILLE [32.65, -89.28], 3.5 SW DIXON [32.64, -89.27]

| | | | | |
|--|--------------------|--|----|---------------------------------|
| | 02/07/18 07:30 CST | | 1K | Flash Flood (due to Heavy Rain) |
| | 02/07/18 08:30 CST | | 0 | Source: Emergency Manager |

There was 6 inches of water on County Highway 125.

Showers and thunderstorms developed as a cold front pushed through the region. Some of these storms produced hail, damaging wind gusts, flash flooding, and one tornado.

NESHOPA COUNTY --- 1.3 SW PHILADELPHIA ARPT [32.79, -89.13]

| | | | | |
|--|--------------------|--|-----|--------------------------------------|
| | 02/10/18 16:50 CST | | 50K | Tornado (EF0, L: 0.01 mi , W: 30 yd) |
| | 02/10/18 16:50 CST | | 0 | Source: Emergency Manager |

An EF-0 tornado briefly touched down at the intersection of Highways 15 and 19. It blew out the doors and some insulation a large metal shop and caused minor damage to nearby trees. The tornado was observed by fire department personnel and reported by Neshoba County Emergency Management.

OKTIBBEHA COUNTY --- 0.9 NW PATRICK [33.49, -88.79], 1.5 NW PATRICK [33.50, -88.80], 1.5 NNW PATRICK [33.50, -88.79], 2.6 ESE PATRICK [33.46, -88.74], 2.0 SE PATRICK [33.46, -88.75]

| | | | | |
|--|--------------------|--|-----|---------------------------------|
| | 02/10/18 19:00 CST | | 12K | Flash Flood (due to Heavy Rain) |
| | 02/10/18 20:45 CST | | 0 | Source: Public |

Stowood Road was flooded. There was street flooding at The Highlands with some homes being threatened by flood waters.

Heavy rain developed across portions of the region in association with a cold front. Some of this heavy rain produced flash flooding. A weak tornado also touched down in Neshoba County.

JEFFERSON COUNTY --- 0.6 W UNION CHURCH [31.68, -90.81]

| | | | | |
|--|--------------------|--|-----|----------------|
| | 02/21/18 15:10 CST | | 15K | Hail (1.00 in) |
| | 02/21/18 15:10 CST | | 0 | Source: Public |

Storm Data and Unusual Weather Phenomena - February 2018

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

Quarter sized hail occurred roughly one mile west of Union Church. Larger hail may have occurred along Union Church Road southwest of town, as there was damage to a truck.

HINDS COUNTY --- 0.6 E RAYMOND WILLIAMS ARP [32.30, -90.39]

| | | | | |
|--|--------------------|--|----|------------------------------|
| | 02/21/18 16:40 CST | | 4K | Thunderstorm Wind (EG 50 kt) |
| | 02/21/18 16:40 CST | | 0 | Source: Social Media |

A tree was blown down on Clinton-Raymond Road.

MADISON COUNTY --- 0.9 SSW MADISON STATION [32.46, -90.13], 1.2 SSE MADISON [32.45, -90.09], 0.7 SSE MILL TOWN [32.61, -90.02], 1.1 WSW CANTON [32.61, -90.05]

| | | | | |
|--|--------------------|--|-----|---------------------------------|
| | 02/21/18 17:45 CST | | 10K | Flash Flood (due to Heavy Rain) |
| | 02/21/18 20:30 CST | | 0 | Source: Law Enforcement |

Isolated areas of Highway 51 between Canton and Madison had water on the road.

WASHINGTON COUNTY --- 1.6 WNW PRISCILLA [33.53, -91.03], 2.9 NNE NAPANEE [33.54, -90.87], 0.6 E WILMOT [33.30, -90.89], 1.5 NNE SWIFTWATER [33.37, -91.06]

| | | | | |
|--|--------------------|--|-------|---------------------------------|
| | 02/22/18 00:30 CST | | 0.10M | Flash Flood (due to Heavy Rain) |
| | 02/22/18 08:30 CST | | 0 | Source: Law Enforcement |

Numerous roads were significantly flooded throughout the county.

BOLIVAR COUNTY --- 0.6 E CLEVELAND [33.75, -90.72], 2.1 WNW MOUND CITY [33.79, -90.95], 2.0 NE PERTHSHIRE [33.99, -90.89], 5.7 ESE HUSHPUCKENA [33.98, -90.65]

| | | | | |
|--|--------------------|--|-----|---------------------------------|
| | 02/22/18 07:00 CST | | 50K | Flash Flood (due to Heavy Rain) |
| | 02/22/18 08:30 CST | | 0 | Source: Law Enforcement |

There was widespread flash flooding across the county.

GRENADA COUNTY --- 1.3 WNW FUTHEYVILLE [33.79, -89.80], 1.7 N FUTHEYVILLE [33.80, -89.77], 3.0 NNE GLENWILD [33.74, -89.75], 1.4 SSW GRENADA [33.76, -89.83]

| | | | | |
|--|--------------------|--|-----|---------------------------------|
| | 02/22/18 07:25 CST | | 50K | Flash Flood (due to Heavy Rain) |
| | 02/22/18 11:45 CST | | 0 | Source: Emergency Manager |

Several roads around the city were closed due to flooding.

SHARKEY COUNTY --- 1.4 N ROLLING FORK [32.92, -90.87], 1.0 NNW ROLLING FORK [32.91, -90.88], 1.0 NNE ROLLING FORK [32.91, -90.87], 1.4 NNE ROLLING FORK [32.92, -90.86]

| | | | | |
|--|--------------------|--|-----|---------------------------------|
| | 02/22/18 09:00 CST | | 15K | Flash Flood (due to Heavy Rain) |
| | 02/22/18 11:30 CST | | 0 | Source: Emergency Manager |

Flash flooding occurred and water approached some homes on Rosenwald Avenue.

SUNFLOWER COUNTY --- 1.3 S BOYER [33.51, -90.65], 0.4 SW SUNFLOWER [33.53, -90.55], 1.3 ENE BAIRD [33.44, -90.58], 1.8 SW INDIANOLA [33.43, -90.67], 1.5 WNW INDIANOLA [33.46, -90.67]

| | | | | |
|--|--------------------|--|-------|---------------------------------|
| | 02/22/18 09:32 CST | | 0.20M | Flash Flood (due to Heavy Rain) |
| | 02/22/18 11:45 CST | | 0 | Source: Emergency Manager |

A couple of homes were flooded in Indianola and several roads were closed in the county due to water covering them.

LEFLORE COUNTY --- 1.8 SW ITTA BENA [33.48, -90.35], 3.0 N ITTA BENA [33.54, -90.33], 1.4 SSE CRAIGSIDE [33.56, -90.19], 1.1 SE GREENWOOD [33.51, -90.17]

| | | | | |
|--|--------------------|--|-----|---------------------------------|
| | 02/22/18 09:35 CST | | 20K | Flash Flood (due to Heavy Rain) |
| | 02/22/18 11:45 CST | | 0 | Source: Emergency Manager |

Several streets were flooded in Greenwood and Itta Bena.

WASHINGTON COUNTY --- 0.6 E GREENVILLE [33.40, -91.04], 2.7 E AVON [33.22, -91.00], 3.4 E TRIBBETT [33.35, -90.76], 0.7 NW NAPANEE [33.51, -90.89]

| | | | | |
|--|--------------------|--|-----|---------------------------|
| | 02/22/18 17:25 CST | | 10K | Flood (due to Heavy Rain) |
| | 02/23/18 09:00 CST | | 0 | Source: Emergency Manager |

Storm Data and Unusual Weather Phenomena - February 2018

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

Flood waters were slow to recede which resulted in continued flooding on some roads in Greenville and around the county.

A cold front stalled across the western portions of the ArkLaMiss region. Ahead of this, a few storms produced hail and damaging winds. As the front remained stalled, several disturbances moved along it and brought heavy rainfall to the region. This prolonged period of rain resulted in flash flooding across mainly the Delta.

MISSISSIPPI, North

| | | | | |
|--|--------------------|--|----|---------------------------|
| PANOLA COUNTY --- 0.8 S MC GHEE [34.52, -89.95], COMO [34.52, -89.93], 1.0 S COMO [34.51, -89.93], 1.4 SW COMO [34.50, -89.95] | 02/21/18 23:05 CST | | 1K | Flood (due to Heavy Rain) |
| | 02/22/18 06:00 CST | | 0 | Source: Trained Spotter |

Main Street starting to flood with sandbagging underway.

| | | | | |
|--|--------------------|--|---|---------------------------|
| TUNICA COUNTY --- 0.4 ENE AUSTIN [34.63, -90.44], 0.5 W TUNICA ARPT [34.67, -90.38], 3.1 NW LITTLE TEXAS [34.66, -90.31], 1.3 NW PINK [34.56, -90.31], 1.2 NW DUNDEE [34.53, -90.46], 1.7 WNW DUNDEE [34.53, -90.48] | 02/22/18 08:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 20:00 CST | | 0 | Source: Emergency Manager |

Heavy rain resulted in flooding across Tunica County with several roads closed.

| | | | | |
|---|--------------------|--|---|---------------------------|
| UNION COUNTY --- 0.5 NW BALD HILL [34.42, -89.09], 1.1 SW INGOMAR [34.41, -89.04], 2.0 SSE BALD HILL [34.39, -89.07], 1.5 SE FLATWOOD [34.39, -89.11] | 02/22/18 08:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 14:00 CST | | 0 | Source: Trained Spotter |

County Road 87 closed between County Road 101 and County Road 47.

| | | | | |
|---|--------------------|--|---|---------------------------|
| YALOBUSHA COUNTY --- 4.9 N BENWOOD [34.00, -89.54], 3.7 N BENWOOD [33.98, -89.54], 4.0 NNW BENWOOD [33.98, -89.55], 4.9 N BENWOOD [34.00, -89.55] | 02/22/18 09:34 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 15:00 CST | | 0 | Source: Trained Spotter |

County Road 215 southeast of Water Valley flooded.

A prolonged period of rainfall was generated along the backside of a slow moving cold front across portions of northwest Mississippi during the late evening hours of February 21st continuing into February 22nd.

| | | | | |
|---|--------------------|--|-----|---------------------------------|
| TIPPAH COUNTY --- 2.0 W WALNUT [34.95, -88.92], 0.8 WNW WALNUT [34.95, -88.89], 1.3 W CHALYBEATE [34.93, -88.89], 2.7 SW WALNUT [34.93, -88.92] | 02/24/18 21:10 CST | | 10K | Flash Flood (due to Heavy Rain) |
| | 02/25/18 02:00 CST | | 0 | Source: Public |

Flooding of roads near Highway 15.

| | | | | |
|--|--------------------|--|-----|------------------------------|
| PRENTISS COUNTY --- 0.7 SSW JUMPERTOWN [34.71, -88.67], 1.6 ESE JUMPERTOWN [34.71, -88.65] | 02/24/18 22:07 CST | | 20K | Thunderstorm Wind (EG 55 kt) |
| | 02/24/18 22:15 CST | | 0 | Source: Amateur Radio |

Several trees down.

| | | | | |
|--|--------------------|--|-----|------------------------------|
| UNION COUNTY --- 1.4 SSE SHARI [34.50, -89.04], 0.6 NW WALLERVILLE [34.46, -88.96] | 02/24/18 22:08 CST | | 30K | Thunderstorm Wind (EG 55 kt) |
| | 02/24/18 22:15 CST | | 0 | Source: Public |

Downed trees and a trailer damaged.

| | | | | |
|--|--------------------|--|---|------------------------------|
| TIPPAH COUNTY --- 2.1 WNW DUMAS [34.65, -88.86], 1.7 E DUMAS [34.63, -88.80] | 02/24/18 22:15 CST | | 0 | Thunderstorm Wind (EG 55 kt) |
| | 02/24/18 22:20 CST | | 0 | Source: Storm Chaser |

Storm Data and Unusual Weather Phenomena - February 2018

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

Numerous trees down.

A strong cold front interacted with a very unstable airmass across the Midsouth during the afternoon and evening hours of February 24h. All facets of severe weather occurred.

MISSOURI, East

(MO-Z052) LINCOLN, (MO-Z061) ST. CHARLES, (MO-Z062) FRANKLIN, (MO-Z063) ST. LOUIS, (MO-Z065) JEFFERSON, (MO-Z072) CRAWFORD, (MO-Z073) WASHINGTON

| | | |
|--------------------|---|---------|
| 02/01/18 00:00 CST | 0 | Drought |
| 02/28/18 23:59 CST | 0 | |

D2 (Severe) drought conditions continued across parts of eastern Missouri.

IRON COUNTY --- 5.3 SW VULCAN [37.27, -90.75], 5.4 S BELLEVIEW [37.60, -90.76], 1.0 W BUICK [37.60, -91.15], 1.5 NNW VIBURNUM [37.74, -91.14], 4.6 NNE MIDDLE BROOK [37.73, -90.65], 0.7 N PILOT KNOB [37.64, -90.65], 4.6 NE IRONTON [37.64, -90.56], 3.0 S BRUNOT [37.28, -90.56]

| | | |
|--------------------|---|---------------------------------|
| 02/24/18 18:00 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/24/18 21:50 CST | 0 | Source: Department of Highways |

A number of rounds of rain moved through the region over several days. Thus the soils were saturated. Between one and three inches of rain fell in a short amount of time causing flash flooding. Numerous roads were flooded including Highway D just southeast of Arcadia and Highway CC just southwest of Arcadia.

REYNOLDS COUNTY --- 3.0 WSW GARWOOD [37.06, -90.95], 5.9 WSW CORRIDON [37.34, -91.17], 8.5 NW GREELEY [37.59, -91.31], 1.9 NE MUNGER [37.60, -90.78], 2.5 SE HADLEY [37.06, -90.79]

| | | |
|--------------------|---|---------------------------------|
| 02/24/18 18:00 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/24/18 21:50 CST | 0 | Source: Department of Highways |

A number of rounds of rain moved through the region over several days. Thus the soils were saturated. Between one and three inches of rain fell in a short amount of time causing flash flooding. Numerous roads were flooded including Highway F west of Ellington.

Several rounds of heavy rain fell over the region leading up to February 24th. Storm total amounts ranged from 2 to 6 inches with the highest amounts along and south of I-44. Flash flooding was reported in a number of locations.

MISSOURI, Lower

(MO-Z113) DUNKLIN, (MO-Z115) PEMISCOT

| | | |
|--------------------|---|----------------|
| 02/06/18 18:00 CST | 0 | Winter Weather |
| 02/07/18 02:00 CST | 0 | |

A surface low tracked along a stalled front across the Mid-South. Precipitation spread across the Mid-South as surface low tracked northeast along the front. Precipitation changed to freezing rain across Northeast Arkansas and the Missouri Bootheel as colder air filtered into the region. Ice accumulations were less than a tenth of an inch with a few slick spots on area roads.

DUNKLIN COUNTY --- 3.0 SSE WILHELMINA [36.48, -90.16], 1.2 SE MALDEN [36.56, -89.96]

| | | |
|--------------------|----|--|
| 02/24/18 17:52 CST | 2M | Tornado (EF2, L: 12.44 mi , W: 150 yd) |
| 02/24/18 18:06 CST | 5 | Source: NWS Storm Survey |

The tornado tracked from Clay County, AR to Dunklin County. Most of the damage was in Malden where a number of homes were damaged. A few homes, trees and power poles were damaged from the St. Francis River to Malden. The path was intermittent. The tornado crossed into New Madrid County and then lifted. Estimated peak wind along the entire track was 115 mph.

A strong cold front interacted with a very unstable airmass across the Midsouth during the afternoon and evening hours of February 24h. All facets of severe weather occurred.

MISSOURI, Northwest

(MO-Z013) DE KALB, (MO-Z014) DAVIESS, (MO-Z021) CLINTON, (MO-Z022) CALDWELL, (MO-Z028) PLATTE, (MO-Z029) CLAY, (MO-Z030) RAY,

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|------------------------|
| (MO-Z037) JACKSON, (MO-Z043) CASS | | | | |
| | 02/20/18 07:00 CST | | 0 | Ice Storm |
| | 02/20/18 13:00 CST | | 0 | |

Through the day on February 20, 2018 numerous accidents occurred as a result of widespread accumulating ice. Patchy freezing drizzle started as early as midnight on the morning of February 20, but the heavier rain fell through the morning and early afternoon hours. Numerous powerlines and trees sustained some damage from the accumulation of 1/8 to 1/3 inch of ice across a widespread area, including the Kansas City metro area.

MISSOURI, Southeast

| | | | | |
|--|--------------------|--|---|----------------|
| (MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID | | | | |
| | 02/06/18 17:00 CST | | 0 | Winter Weather |
| | 02/07/18 03:00 CST | | 0 | |

A moist 500 mb shortwave trough tracked east from the Plains, causing a surface low pressure center to develop northeast from Texas to the central Appalachians. Widespread wintry precipitation occurred as colder air filtered south on the back side of the low. Around one-tenth of an inch of ice glazed surfaces across southeast Missouri. Near the onset of precipitation, a period of sleet was reported. Most of the precipitation fell in the form of freezing rain. Thunder and lightning accompanied the wintry precipitation during the evening hours. Automated observing stations at the Cape Girardeau and Poplar Bluff airports measured 0.13 and 0.08 inch of ice accretion, respectively. Most of the icing was on trees, power lines, and elevated surfaces during the precipitation. After the precipitation ended, temperatures fell through the 20's, causing icy spots to develop even on paved surfaces. On Interstate 57 northbound at the Mississippi River bridge, a vehicle slid into the bridge railing. One person was moderately injured. On U.S. Highway 60 in Stoddard County, one person was moderately injured when her vehicle overturned on the ice.

| | | | | |
|---|--------------------|--|---|----------------|
| (MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT | | | | |
| | 02/11/18 02:00 CST | | 0 | Winter Weather |
| | 02/11/18 08:00 CST | | 0 | |

Over most of southeast Missouri, a mixture of freezing rain and sleet caused a light glaze of ice. Most of the icing was on elevated objects such as cars and decks. Some secondary roads and bridges were icy, resulting in several accidents. The most icing was reported north and west of Cape Girardeau, including Perry County. Several vehicles slid off secondary roads in Carter and Perry Counties. Main highways were treated with salt and mostly wet. The mixed precipitation was caused by a surface low pressure center that tracked northeast from Louisiana to the middle Ohio Valley.

| | | | | |
|--|--------------------|--|-----|-------------------------|
| (MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID | | | | |
| | 02/15/18 11:00 CST | | 11K | Strong Wind (MAX 42 kt) |
| | 02/15/18 19:00 CST | | 0 | |

Strong southwest winds occurred ahead of a cold front that was dropping southward across Missouri and Illinois. Peak wind gusts were mostly from 40 to 50 mph. The highest measured gust at any airport sites was 48 mph at the Cape Girardeau airport.

| | | | | |
|--|--------------------|--|---|-----------|
| (MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID | | | | |
| | 02/17/18 22:00 CST | | 0 | Dense Fog |
| | 02/18/18 09:00 CST | | 0 | |

The combination of clear skies, light winds, and moist ground from rainfall on the 16th resulted in widespread dense fog. High pressure was centered directly over the lower Ohio Valley.

| | | | | |
|---|--------------------|--|----|-------------------------|
| (MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT | | | | |
| | 02/20/18 09:00 CST | | 7K | Strong Wind (MAX 41 kt) |
| | 02/20/18 15:00 CST | | 0 | |

Strong gusty winds occurred ahead of a cold front that trailed southwest from a surface low pressure center over lower Michigan. From Poplar Bluff north and northeast to Cape Girardeau and Perryville, south to southwest winds gusted up to near 45 mph. The peak wind gusts were measured at 47 mph at the Cape Girardeau airport and 44 mph at Poplar Bluff.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|--------------------------------------|
| CAPE GIRARDEAU COUNTY --- (CGI)CAPE GIRARDEAU [37.23, -89.57] | | | | |
| | 02/20/18 22:59 CST | | 0 | Thunderstorm Wind (MG 50 kt) |
| | 02/20/18 22:59 CST | | 0 | Source: ASOS |
| The automated observing system at the Cape Girardeau airport measured a wind gust to 58 mph. | | | | |
| A line of developing showers and thunderstorms moved east across southeast Missouri. Locally strong winds accompanied this line of storms, including a 58 mph gust at the Cape Girardeau airport. The line of convection occurred along a cold front that trailed southwest from a surface low pressure center over lower Michigan. | | | | |
| WAYNE COUNTY --- 0.7 WNW GREENVILLE [37.13, -90.48], 1.3 NE GREENVILLE [37.14, -90.46], 3.2 NNE SILVA [37.21, -90.49], 2.6 N SILVA [37.21, -90.53] | | | | |
| | 02/21/18 15:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 09:00 CST | | 0 | Source: River/Stream Gage |
| Minor flooding occurred on the St. Francis River. Mainly bottomland and surrounding low-lying areas were affected. Fields and woodlands were inundated. | | | | |
| BUTLER COUNTY --- 2.1 NNW LONE HILL [36.73, -90.54], 1.5 ENE LONE HILL [36.71, -90.50], 4.4 NNE LONE HILL [36.75, -90.49], 1.9 E STRINGTOWN [36.75, -90.55] | | | | |
| | 02/22/18 20:37 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 08:00 CST | | 0 | Source: Emergency Manager |
| County Roads 450 and 472 were underwater near Cane Creek. | | | | |
| Several rounds of widespread heavy rainfall tracked northeast across southeast Missouri. These rounds of heavy rain produced localized flooding of roads, as well as minor flooding of the St. Francis River. In the wake of a surface cold front, a persistent southwest flow of moist air aloft generated multiple rounds of widespread rain. The three-day rainfall at the Poplar Bluff airport was 4.18 inches for the 20th, 21st, and 22nd. | | | | |
| MISSISSIPPI COUNTY --- BIRDS PT [36.97, -89.15], 1.5 SSW BIRDS PT [36.95, -89.16], 2.3 ENE WOLF IS [36.76, -89.16], 0.9 SW BELMONT [36.76, -89.13], 3.3 SE BIRDS PT [36.94, -89.11] | | | | |
| | 02/24/18 16:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |
| Moderate flooding developed on the Mississippi River. There was extensive flooding of agricultural land, however most of the cropland was dormant during the winter. Some low-lying roads were affected. The river continued rising into March. | | | | |
| NEW MADRID COUNTY --- NEW MADRID [36.60, -89.53], 1.9 SSE NEW MADRID [36.58, -89.51], 6.3 SE NEW MADRID [36.53, -89.45], 5.8 SSW BAYOUVILLE [36.57, -89.42] | | | | |
| | 02/24/18 16:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |
| Moderate flooding developed on the Mississippi River. There was extensive flooding of agricultural land, however most of the cropland was dormant during the winter. Some low-lying roads were affected. The river continued rising into March. | | | | |
| BUTLER COUNTY --- 1.9 SSW ROMBAUER [36.82, -90.29], ROMBAUER [36.85, -90.28], 1.9 SSE HENDRICKSON [36.87, -90.47], 2.6 S HENDRICKSON [36.86, -90.48], 2.2 WSW POPLAR BLUFF [36.74, -90.44], 2.2 SE POPLAR BLUFF [36.73, -90.37] | | | | |
| | 02/24/18 16:49 CST | | 25K | Flash Flood (due to Heavy Rain) |
| | 02/24/18 20:00 CST | | 0 | Source: Law Enforcement |
| Flash flooding of streets occurred in Poplar Bluff, where at least a couple of water rescues were conducted. Flooding of Pike Creek resulted in an impassable secondary road just west of Poplar Bluff. Water was over County Road 569 near Rombauer. Near Hendrickson, the intersection of two back roads in the Mark Twain National Forest was completely underwater. Parts of County Road 523 were washing out rapidly. A thunderstorm produced nearly an inch of rain in 45 minutes at the Poplar Bluff airport. This heavy rain occurred after nearly 5 inches of rain had fallen in the previous four days. | | | | |
| NEW MADRID COUNTY --- 2.6 SW BROADWATER [36.56, -89.96], 2.3 SW BROADWATER [36.56, -89.95] | | | | |
| | 02/24/18 18:06 CST | | 2K | Tornado (EF0, L: 0.34 mi , W: 50 yd) |
| | 02/24/18 18:07 CST | | 0 | Source: NWS Storm Survey |
| A long-track tornado crossed from Dunklin County into New Madrid County near the city of Malden. The tornado, which began in northeast Arkansas, only lasted a minute or two in New Madrid County before dissipating. The tornado crossed the intersection of Highway 25 and U.S. Highway 62 just east of Malden with peak winds less than 60 mph. Minimal damage was observed in New Madrid County. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|---------------------------------------|
| NEW MADRID COUNTY --- 1.4 S MATTHEWS [36.75, -89.58], 0.9 SSE MATTHEWS [36.76, -89.57] | | | | |
| | 02/24/18 18:30 CST | | 0.75M | Tornado (EF2, L: 0.95 mi , W: 150 yd) |
| | 02/24/18 18:32 CST | 2 | 0 | Source: NWS Storm Survey |
| This EF-2 tornado tracked from the south side of Matthews to one mile east of town. Roofs were partially or completely torn off dozens of homes. Semi trucks were blown over and destroyed. Numerous outbuildings were destroyed. A couple of injuries occurred due to windows being blown out of a nursing home. Peak winds were estimated near 120 mph. | | | | |
| NEW MADRID COUNTY --- 2.0 S MATTHEWS [36.74, -89.58], 2.0 E MATTHEWS [36.77, -89.54], 2.0 N MATTHEWS [36.80, -89.58], 2.0 W MATTHEWS [36.77, -89.62] | | | | |
| | 02/24/18 19:50 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 21:00 CST | | 0 | Source: Trained Spotter |
| Water was over U.S. Highway 62 near Matthews. | | | | |
| WAYNE COUNTY --- 0.9 NW GREENVILLE [37.14, -90.48], 1.5 NE GREENVILLE [37.15, -90.45], 3.1 SW LODI [37.22, -90.50], 3.4 N SILVA [37.22, -90.53] | | | | |
| | 02/24/18 22:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/26/18 02:00 CST | | 0 | Source: River/Stream Gage |
| Minor flooding occurred on the St. Francis River. Low-lying and bottomland woods and fields were inundated. | | | | |
| BUTLER COUNTY --- 0.8 NE POPLAR BLUFF [36.76, -90.39], 1.8 S MENGO [36.77, -90.38], 2.0 SSE MENGO [36.77, -90.37], 1.6 NE POPLAR BLUFF [36.76, -90.38], 1.1 NE POPLAR BLUFF [36.76, -90.39] | | | | |
| | 02/25/18 03:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 17:00 CST | | 0 | Source: River/Stream Gage |
| Minor flooding occurred on the Black River. Low-lying woods, fields, and a city park were partially submerged. | | | | |
| CAPE GIRARDEAU COUNTY --- (CG)CAPE GIRARDEAU [37.23, -89.57], 3.7 ESE GULF JCT [37.25, -89.49], 1.0 SE CAPE GIRARDEAU [37.29, -89.52], 0.5 E GULF JCT [37.27, -89.54] | | | | |
| | 02/25/18 20:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |
| Minor flooding occurred on the Mississippi River. The Mississippi River backed up into several creeks and a diversion channel. Low-lying agricultural land was flooded. The river remained above flood stage into March. | | | | |
| RIPLEY COUNTY --- DONIPHAN [36.62, -90.82], 3.4 WNW HILL TOP [36.68, -90.85], 3.5 ENE BRIAR [36.67, -90.91], 1.5 WSW DONIPHAN [36.61, -90.84] | | | | |
| | 02/26/18 10:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/26/18 18:00 CST | | 0 | Source: River/Stream Gage |
| Minor flooding occurred on the Current River. Some low-lying woods and fields near the river were inundated. | | | | |
| <p>Localized flash flooding and a couple of tornadoes occurred across southeast Missouri. A narrow swath of torrential rainfall occurred from Cape Girardeau southwest across Poplar Bluff, where water rescues were conducted. A surface low pressure center tracked rapidly north-northeast from Arkansas to the upper Mississippi Valley, dragging a warm front north across southeast Missouri. Instability was adequate for a couple tornadoes in the presence of very strong wind shear. A very moist air mass resulted in heavy rainfall, which produced localized flash flooding due to the water-logged ground. Most rivers experienced minor flooding.</p> | | | | |
| MISSOURI, Southwest | | | | |
| (MO-Z081) LACLEDE, (MO-Z091) WEBSTER | | | | |
| | 02/04/18 13:00 CST | | 0 | Winter Weather |
| | 02/04/18 18:00 CST | | 0 | |
| A band of snow dropped southward across southern Missouri. A brief period of moderate snow within the band dropped visibilities to near 1/2 mile at times. This band of snow was accompanied by a surge of colder air which dropped temperatures. | | | | |
| (MO-Z079) POLK, (MO-Z082) TEXAS, (MO-Z088) JASPER, (MO-Z090) GREENE, (MO-Z091) WEBSTER, (MO-Z095) CHRISTIAN, (MO-Z102) BARRY, (MO-Z104) TANEY | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/10/18 03:00 CST | | 0 | Winter Weather |
| | 02/11/18 15:00 CST | | 0 | |

A prolonged period of freezing drizzle occurred over southern Missouri on February 10-11, 2018. Ice accretions of 0.10" to 0.20" were common across most of southwest Missouri. The precipitation initially began as patchy freezing drizzle during the early morning hours of February 10 and then became more widespread by midday, continuing into Sunday morning.

(MO-Z104) TANEY

| | | |
|--------------------|-------|----------|
| 02/15/18 13:00 CST | 0.25M | Wildfire |
| 02/15/18 18:00 CST | 0 | |

A wildfire burned at least one structure and forced evacuations in the Mark Twain National Forest.

LACLEDE COUNTY --- 2.4 N HAZELGREEN [37.80, -92.43], 2.4 N HAZELGREEN [37.80, -92.43], 2.4 N HAZELGREEN [37.80, -92.43], 2.3 N HAZELGREEN [37.80, -92.43]

| | | |
|--------------------|---|--------------------------------|
| 02/20/18 19:28 CST | 0 | Flood (due to Heavy Rain) |
| 02/20/18 21:28 CST | 0 | Source: Department of Highways |

State Highway FF was closed due to water over the roadway at the Bear Creek low water crossing.

PULASKI COUNTY --- 4.4 SE CROCKER [37.91, -92.21], 4.4 SE CROCKER [37.91, -92.21], 4.4 SE CROCKER [37.91, -92.21], 4.4 SE CROCKER [37.91, -92.21]

| | | |
|--------------------|---|---------------------------|
| 02/20/18 19:30 CST | 0 | Flood (due to Heavy Rain) |
| 02/20/18 21:30 CST | 0 | Source: Law Enforcement |

State Highway DD in Pulaski County had some water over it.

TANEY COUNTY --- 0.3 ENE HOLLISTER [36.62, -93.21], 0.3 ENE HOLLISTER [36.62, -93.21], 0.4 ENE HOLLISTER [36.62, -93.21], 0.3 ENE HOLLISTER [36.62, -93.21]

| | | |
|--------------------|---|--------------------------------|
| 02/20/18 20:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/20/18 22:00 CST | 0 | Source: Fire Department/Rescue |

The Coon Creek low water crossing in Hollister was underwater and impassable.

DOUGLAS COUNTY --- 2.6 W AVA MUNI MEML ARPT [36.96, -92.73], 2.6 W AVA MUNI MEML ARPT [36.97, -92.73], 2.5 W AVA MUNI MEML ARPT [36.97, -92.72], 2.5 W AVA MUNI MEML ARPT [36.97, -92.72]

| | | |
|--------------------|---|--------------------------------|
| 02/20/18 23:11 CST | 0 | Flood (due to Heavy Rain) |
| 02/21/18 02:11 CST | 0 | Source: Department of Highways |

Heavy rainfall caused Cowskin Creek to flood a section of Highway Y approximately three miles west northwest of Ava.

OZARK COUNTY --- 0.5 NNE GAINESVILLE [36.61, -92.43], 0.5 NNE GAINESVILLE [36.61, -92.43], 0.5 NNE GAINESVILLE [36.61, -92.43], 0.5 NNE GAINESVILLE [36.61, -92.43]

| | | |
|--------------------|---|---------------------------|
| 02/20/18 23:11 CST | 0 | Flood (due to Heavy Rain) |
| 02/21/18 02:11 CST | 0 | Source: Emergency Manager |

Heavy rainfall caused Lick Creek to flood a section of Main Street in Gainesville.

DOUGLAS COUNTY --- 0.8 NE ANN [37.04, -92.19], 0.8 NE ANN [37.04, -92.19], 0.9 NE ANN [37.04, -92.19], 0.8 NE ANN [37.04, -92.19]

| | | |
|--------------------|---|--------------------------------|
| 02/20/18 23:17 CST | 0 | Flood (due to Heavy Rain) |
| 02/21/18 02:17 CST | 0 | Source: Department of Highways |

Heavy rainfall caused the North Fork River to flood a section of Highway EE about eight miles southeast of Mountain Grove.

DOUGLAS COUNTY --- 1.6 ENE AVA [36.96, -92.62], 1.6 ENE AVA [36.96, -92.62], 1.6 ENE AVA [36.96, -92.62], 1.6 ENE AVA [36.96, -92.62]

| | | |
|--------------------|---|--------------------------------|
| 02/20/18 23:17 CST | 0 | Flood (due to Heavy Rain) |
| 02/21/18 02:17 CST | 0 | Source: Department of Highways |

Heavy rainfall caused Hunter Creek to flood a section of Highway F.

HICKORY COUNTY --- 0.7 ENE PRESTON [37.93, -93.22], 0.7 ENE PRESTON [37.93, -93.22], 0.8 ENE PRESTON [37.93, -93.22], 0.7 ENE PRESTON [37.93, -93.22]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|--------------------------------|
| | 02/20/18 23:22 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/21/18 02:22 CST | | 0 | Source: Department of Highways |
| Heavy rainfall caused flooding along a section of Highway D about one mile south of Preston. | | | | |
| <hr/> | | | | |
| LACLEDE COUNTY --- 2.4 N HAZELGREEN [37.80, -92.43], 2.4 N HAZELGREEN [37.80, -92.43], 2.4 N HAZELGREEN [37.80, -92.43], 2.3 N HAZELGREEN [37.80, -92.43] | 02/20/18 23:24 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/21/18 02:24 CST | | 0 | Source: Department of Highways |
| Heavy rainfall caused Bear Creek to flood a section of Highway FF about four miles southwest of Richland. | | | | |
| <hr/> | | | | |
| MORGAN COUNTY --- 1.2 E FLORENCE [38.58, -92.96], 1.2 ESE FLORENCE [38.58, -92.96], 1.2 ESE FLORENCE [38.58, -92.96], 1.2 E FLORENCE [38.58, -92.96] | 02/20/18 23:48 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/21/18 02:48 CST | | 0 | Source: Department of Highways |
| Heavy rainfall caused Grabriel Creek to flood a section of Highway BB about one mile southeast of Florence. | | | | |
| <hr/> | | | | |
| OZARK COUNTY --- 0.6 N MAMMOTH [36.54, -92.40], 0.4 N MAMMOTH [36.54, -92.40], 0.5 NNE MAMMOTH [36.54, -92.40], 0.7 N MAMMOTH [36.54, -92.40] | 02/21/18 01:59 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/21/18 03:59 CST | | 0 | Source: Fire Department/Rescue |
| Heavy rainfall caused Possum Walk Creek to flood a section of Highway T about five miles south of Gainesville. | | | | |
| <hr/> | | | | |
| MCDONALD COUNTY --- 0.8 WNW ANDERSON [36.65, -94.44], 0.8 WNW ANDERSON [36.65, -94.44], 0.8 WNW ANDERSON [36.65, -94.44], 0.9 WNW ANDERSON [36.66, -94.44] | 02/23/18 19:45 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 21:45 CST | | 0 | Source: Emergency Manager |
| The Beaver Branch low water bridge on Jefferson Street in Anderson was closed due to water over the road. | | | | |
| <hr/> | | | | |
| CHRISTIAN COUNTY --- 0.9 ENE OZARK [37.03, -93.21], 0.9 ENE OZARK [37.03, -93.21], 0.9 ENE OZARK [37.03, -93.21], 0.8 ENE OZARK [37.03, -93.21] | 02/23/18 23:25 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 02:25 CST | | 0 | Source: Public |
| The low water crossing in the town of Ozark was flooded and impassable. | | | | |
| <hr/> | | | | |
| CHRISTIAN COUNTY --- 2.7 SSE CLEVER [36.99, -93.46], 2.7 SSE CLEVER [36.99, -93.46], 2.7 SSE CLEVER [36.99, -93.46], 2.7 SSE CLEVER [36.99, -93.46] | 02/23/18 23:25 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 02:25 CST | | 0 | Source: Public |
| The low water crossing across Sullivan Road was flooded and impassable. | | | | |
| <hr/> | | | | |
| CHRISTIAN COUNTY --- 0.4 SW LINDEN [37.05, -93.13], 0.4 SSW LINDEN [37.05, -93.13], 0.2 S LINDEN [37.05, -93.13], 0.2 SSW LINDEN [37.05, -93.13] | 02/24/18 00:55 CST | | 5K | Flood (due to Heavy Rain) |
| | 02/24/18 02:55 CST | | 0 | Source: Public |
| There was a water rescue near the Linden Lake Access for a truck stuck in high water. | | | | |
| <hr/> | | | | |
| LAWRENCE COUNTY --- 3.0 NNE STOTTS CITY [37.14, -93.95], 3.0 SSW PHELPS [37.14, -93.95], 2.9 SSW PHELPS [37.14, -93.95], 2.8 NNE STOTTS CITY [37.14, -93.95] | 02/24/18 01:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 03:00 CST | | 0 | Source: Department of Highways |
| MODOT reported Highway 97 was closed due to flooding. | | | | |
| <hr/> | | | | |
| BARRY COUNTY --- 0.5 WSW MC DOWELL [36.82, -93.79], 0.4 W MC DOWELL [36.82, -93.79], 0.4 W MC DOWELL [36.82, -93.79], 0.5 WSW MC DOWELL [36.82, -93.79] | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/24/18 01:47 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 03:47 CST | | 0 | Source: Emergency Manager |

Route C was closed due to flooding at Flat Creek.

BARRY COUNTY --- 0.6 ENE MONETT [36.92, -93.91], 0.5 ENE MONETT [36.92, -93.91], 0.5 ENE MONETT [36.92, -93.91], 0.6 SW MONETT ARPT [36.92, -93.91]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/24/18 02:14 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 04:14 CST | | 0 | Source: Law Enforcement |

Kelly Creek was at the five feet mark and was flooding Kyler and Broadway Streets. The Marshall Trailer Park was evacuated.

TANEY COUNTY --- 1.3 NW MINCY [36.58, -93.14], 1.3 NW MINCY [36.58, -93.14], 1.2 NW MINCY [36.58, -93.14], 1.3 NW MINCY [36.58, -93.14]

| | | | | |
|--|--------------------|--|---|--------------------------------|
| | 02/24/18 02:14 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 04:14 CST | | 0 | Source: Department of Highways |

Highway J was closed due to flooding.

WEBSTER COUNTY --- 0.3 SSW OLGA [37.10, -92.92], 0.2 SE OLGA [37.10, -92.92], 0.2 SE OLGA [37.10, -92.92], 0.4 SSW OLGA [37.09, -92.92]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/24/18 02:47 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 04:47 CST | | 0 | Source: Public |

Highway Z was flooded and impassable.

GREENE COUNTY --- 0.9 N SPRINGFIELD BAR H AR [37.19, -93.13], 1.0 N SPRINGFIELD BAR H AR [37.19, -93.13], 1.0 NNE SPRINGFIELD BAR H AR [37.19, -93.13], 0.7 N SPRINGFIELD BAR H AR [37.19, -93.13]

| | | | | |
|--|--------------------|--|---|--------------------------------|
| | 02/24/18 03:15 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 05:15 CST | | 0 | Source: Department of Highways |

Highway 125 was flooded and impassable.

DOUGLAS COUNTY --- 0.9 NE ANN [37.04, -92.19], 0.8 NE ANN [37.04, -92.19], 0.8 NE ANN [37.04, -92.19], 0.8 NNE ANN [37.04, -92.19]

| | | | | |
|--|--------------------|--|---|--------------------------------|
| | 02/24/18 03:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 05:30 CST | | 0 | Source: Department of Highways |

Highway EE was flooded and impassable.

WEBSTER COUNTY --- 0.2 ESE OLGA [37.10, -92.92], 0.3 ESE OLGA [37.10, -92.92], 0.4 SSW OLGA [37.09, -92.92], 0.4 SW OLGA [37.10, -92.92]

| | | | | |
|--|--------------------|--|-----|---------------------------|
| | 02/24/18 03:50 CST | | 10K | Flood (due to Heavy Rain) |
| | 02/24/18 05:50 CST | | 0 | Source: Broadcast Media |

There were two people rescued along the Finley Creek and Highway Z near Olga.

WEBSTER COUNTY --- 0.2 S OLGA [37.10, -92.92], 0.2 SE OLGA [37.10, -92.92], 0.4 SSW OLGA [37.09, -92.92], 0.4 SSW OLGA [37.10, -92.92]

| | | | | |
|--|--------------------|--|-----|---------------------------------|
| | 02/24/18 03:50 CST | | 10K | Flash Flood (due to Heavy Rain) |
| | 02/24/18 05:50 CST | | 0 | Source: Broadcast Media |

Two people were rescued from flood water at State Highway Z near Olga.

GREENE COUNTY --- 1.9 WNW FAIR GROVE [37.39, -93.18], 2.0 WNW FAIR GROVE [37.39, -93.18], 1.9 WNW FAIR GROVE [37.39, -93.18], 1.9 WNW FAIR GROVE [37.39, -93.18]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/24/18 04:00 CST | | 5K | Flood (due to Heavy Rain) |
| | 02/24/18 06:00 CST | | 0 | Source: Emergency Manager |

There was a water rescue on Highway CC near Farm Road 199.

WEBSTER COUNTY --- 1.4 NNE FORDLAND [37.19, -92.94], 1.4 NNE FORDLAND [37.19, -92.94], 1.5 NNE FORDLAND [37.19, -92.94], 1.5 NNE FORDLAND [37.19, -92.94]

| | | | | |
|--|--------------------|--|---|--------------------------------|
| | 02/24/18 04:02 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 06:02 CST | | 0 | Source: Department of Highways |

Highway FF was flooded and impassable.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|--------------------------------|
| WEBSTER COUNTY --- 3.0 SW RADER [37.44, -92.77], 3.1 SW RADER [37.44, -92.77], 3.2 SW RADER [37.44, -92.77], 3.0 SW RADER [37.44, -92.77] | | | | |
| | 02/24/18 04:15 CST | | 5K | Flood (due to Heavy Rain) |
| | 02/24/18 06:15 CST | | 0 | Source: Fire Department/Rescue |
| Two people were rescued from flood water at the Kilburn Bridge. | | | | |
| NEWTON COUNTY --- 0.7 S RACINE [36.89, -94.53], 0.5 SSE RACINE [36.89, -94.53], 0.6 SE RACINE [36.89, -94.52], 0.7 S RACINE [36.89, -94.53] | | | | |
| | 02/24/18 05:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 07:00 CST | | 0 | Source: Department of Highways |
| Highway CC near Racine was closed due to flooding. West McCord Street and Spring Street in Neosho was also closed due to flooding. | | | | |
| STONE COUNTY --- 1.0 S HURLEY [36.92, -93.50], 1.0 S HURLEY [36.92, -93.50], 1.1 S HURLEY [36.92, -93.50], 1.0 S HURLEY [36.92, -93.50] | | | | |
| | 02/24/18 05:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 07:00 CST | | 0 | Source: Department of Highways |
| Highway CC was flooded near Tin Can Hallow Road. | | | | |
| STONE COUNTY --- 1.3 S BROWNS SPG [36.95, -93.50], 1.4 S BROWNS SPG [36.95, -93.50], 1.4 N HURLEY [36.95, -93.50], 1.3 S BROWNS SPG [36.95, -93.50] | | | | |
| | 02/24/18 05:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 07:00 CST | | 0 | Source: Department of Highways |
| Gideon Cave Road was closed due to flooding. | | | | |
| TEXAS COUNTY --- 3.9 WNW PRESCOTT [37.46, -91.99], 3.8 WNW PRESCOTT [37.46, -91.99], 3.7 WNW PRESCOTT [37.46, -91.99], 3.9 WNW PRESCOTT [37.46, -91.99] | | | | |
| | 02/24/18 05:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 07:30 CST | | 0 | Source: Department of Highways |
| Highway BB at the Big Piney River was closed due to flooding. | | | | |
| BARRY COUNTY --- 0.3 SSE CASSVILLE [36.68, -93.87], 0.3 SSE CASSVILLE [36.68, -93.87], 0.3 SE CASSVILLE [36.68, -93.87], 0.3 SSE CASSVILLE [36.68, -93.87] | | | | |
| | 02/24/18 05:45 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 07:45 CST | | 0 | Source: Department of Highways |
| Highway 112 near Cassville was closed due to flooding. | | | | |
| CHRISTIAN COUNTY --- 1.3 NNW NIXA [37.07, -93.31], 1.2 NW NIXA [37.06, -93.31], 1.1 NNW NIXA [37.06, -93.31], 1.3 NNW NIXA [37.07, -93.31] | | | | |
| | 02/24/18 06:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 08:00 CST | | 0 | Source: Fire Department/Rescue |
| Tracker Road near Eaglecrest Street in Nixa was closed due to flooding. | | | | |
| LACLEDE COUNTY --- 0.3 SE PEASE [37.50, -92.63], 0.4 SE PEASE [37.50, -92.63], 0.5 SE PEASE [37.50, -92.62], 0.3 E PEASE [37.50, -92.62] | | | | |
| | 02/24/18 06:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 08:30 CST | | 0 | Source: Department of Highways |
| Highway J was flooded at Parks Creek. | | | | |
| LACLEDE COUNTY --- 2.3 N HAZELGREEN [37.80, -92.43], 2.4 N HAZELGREEN [37.80, -92.43], 2.4 N HAZELGREEN [37.80, -92.42], 2.3 N HAZELGREEN [37.80, -92.43] | | | | |
| | 02/24/18 06:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 08:30 CST | | 0 | Source: Department of Highways |
| Highway FF was flooded and closed at Bear Creek. | | | | |
| LACLEDE COUNTY --- 2.4 NNW SLEEPER [37.78, -92.62], 2.5 NNW SLEEPER [37.78, -92.61], 2.5 NNW SLEEPER [37.78, -92.61], 2.4 NNW SLEEPER [37.78, -92.61] | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------|
| | 02/24/18 06:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 08:30 CST | | 0 | Source: Department of Highways |
| Highway F was flooded and closed at Dry Auglaize Creek. | | | | |
| LACLEDE COUNTY --- 4.1 SW DRYNOB [37.59, -92.52], 3.5 SW DRYNOB [37.59, -92.51], 3.5 SW DRYNOB [37.59, -92.51], 4.0 NNE ORIA [37.58, -92.52] | | | | |
| | 02/24/18 06:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 08:30 CST | | 0 | Source: Department of Highways |
| Highway B was closed due to flooding. | | | | |
| TEXAS COUNTY --- 1.9 NW ROUBIDOUX [37.44, -92.17], 1.6 NW ROUBIDOUX [37.44, -92.17], 1.7 NW ROUBIDOUX [37.44, -92.17], 1.9 NW ROUBIDOUX [37.44, -92.17] | | | | |
| | 02/24/18 06:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 08:30 CST | | 0 | Source: Department of Highways |
| Highway M was closed due to flooding. | | | | |
| BENTON COUNTY --- 3.1 NNE RACKET [38.34, -93.46], 3.1 NNE RACKET [38.34, -93.46], 3.1 NNE RACKET [38.34, -93.46], 3.2 NNE RACKET [38.34, -93.46] | | | | |
| | 02/24/18 10:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 12:00 CST | | 0 | Source: Department of Highways |
| State Highway TT was closed due to flooding. | | | | |
| JASPER COUNTY --- 0.6 SE ALBA [37.22, -94.42], 0.7 ESE ALBA [37.22, -94.42], 0.9 ESE ALBA [37.23, -94.41], 0.7 ESE ALBA [37.23, -94.42], 0.6 ESE ALBA [37.23, -94.42] | | | | |
| | 02/24/18 10:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 12:00 CST | | 0 | Source: Department of Highways |
| State Highway O was closed due to flooding along the Spring River. | | | | |
| JASPER COUNTY --- 1.9 NNW CARTERVILLE [37.18, -94.46], 1.8 NNW CARTERVILLE [37.17, -94.46], 1.8 N CARTERVILLE [37.18, -94.45], 1.8 WNW LAKESIDE [37.18, -94.45] | | | | |
| | 02/24/18 10:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 12:00 CST | | 0 | Source: Department of Highways |
| State Highway D was closed due to flooding along Center Creek. | | | | |
| JASPER COUNTY --- 2.5 NNE REEDS [37.15, -94.16], 2.6 NNE REEDS [37.15, -94.15], 2.8 NNE REEDS [37.16, -94.15], 2.6 NNE REEDS [37.16, -94.16] | | | | |
| | 02/24/18 10:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 12:00 CST | | 0 | Source: Department of Highways |
| State Highway 37 was closed due to flooding along the Spring River. | | | | |
| LAWRENCE COUNTY --- 2.2 E STINSON [37.25, -93.73], 2.1 E STINSON [37.25, -93.73], 2.2 E STINSON [37.25, -93.73], 2.4 E STINSON [37.25, -93.73] | | | | |
| | 02/24/18 10:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 12:00 CST | | 0 | Source: Department of Highways |
| State Highway DD was closed due to flooding along Turnback Creek. | | | | |
| MCDONALD COUNTY --- 0.9 SW ELK SPGS [36.57, -94.51], 0.8 E GINGER BLUE [36.58, -94.52], 0.6 W ELK SPGS [36.58, -94.51], 0.6 SSW ELK SPGS [36.57, -94.51] | | | | |
| | 02/24/18 10:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 12:00 CST | | 0 | Source: Department of Highways |
| State Highway TT was closed due to flooding. | | | | |
| MCDONALD COUNTY --- 1.0 NW NOEL [36.56, -94.50], 1.3 NW NOEL [36.56, -94.50], 1.3 WNW NOEL [36.56, -94.50], 1.1 WNW NOEL [36.56, -94.50] | | | | |
| | 02/24/18 10:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 12:00 CST | | 0 | Source: Department of Highways |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------|
| State Highway DD was closed due to flooding. | | | | |
| MCDONALD COUNTY --- POWELL [36.62, -94.18], 0.1 W POWELL [36.62, -94.18], 0.1 N POWELL [36.62, -94.18], 0.1 NE POWELL [36.62, -94.18] | | | | |
| | 02/24/18 10:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 12:00 CST | | 0 | Source: Department of Highways |
| State Highway E was closed due to flooding. | | | | |
| NEWTON COUNTY --- 0.9 SE RITCHEY [36.94, -94.19], 0.8 SSE RITCHEY [36.94, -94.19], 1.0 SE RITCHEY [36.94, -94.19], 1.1 SE RITCHEY [36.94, -94.19] | | | | |
| | 02/24/18 10:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 12:00 CST | | 0 | Source: Department of Highways |
| State Highway W was closed due to flooding. | | | | |
| BARRY COUNTY --- 3.3 NNW CASSVILLE FLDS ARPT [36.73, -93.84], 3.2 NNW CASSVILLE FLDS ARPT [36.72, -93.85], 3.3 NNW CASSVILLE FLDS ARPT [36.73, -93.85], 3.4 ESE BUTTERFIELD [36.73, -93.85] | | | | |
| | 02/24/18 11:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 13:00 CST | | 0 | Source: Department of Highways |
| State Highway Y was closed due to flooding. | | | | |
| BARRY COUNTY --- 4.1 SSW MC DOWELL [36.77, -93.82], 4.2 SSW MC DOWELL [36.77, -93.81], 4.2 SSW MC DOWELL [36.77, -93.81], 4.0 SSW MC DOWELL [36.77, -93.81] | | | | |
| | 02/24/18 11:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 13:00 CST | | 0 | Source: Department of Highways |
| State Highway U was closed due to flooding. | | | | |
| DADE COUNTY --- 3.0 S PILGRIM [37.33, -93.78], 3.1 S PILGRIM [37.32, -93.78], 3.1 S PILGRIM [37.32, -93.78], 2.8 S PILGRIM [37.33, -93.78] | | | | |
| | 02/24/18 11:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 13:00 CST | | 0 | Source: Department of Highways |
| State Highway K was closed due to flooding. | | | | |
| MCDONALD COUNTY --- 4.4 SSE BETHLEHEM [36.66, -94.11], 4.5 SSE BETHLEHEM [36.66, -94.11], 4.6 SSE BETHLEHEM [36.66, -94.11], 4.5 SSE BETHLEHEM [36.66, -94.11] | | | | |
| | 02/24/18 11:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 13:00 CST | | 0 | Source: Department of Highways |
| State Highway U was closed due to flooding. | | | | |
| OZARK COUNTY --- 0.8 NE SYCAMORE [36.71, -92.27], 1.0 ENE SYCAMORE [36.71, -92.26], 1.0 ENE SYCAMORE [36.71, -92.26], 0.8 NNE SYCAMORE [36.71, -92.27] | | | | |
| | 02/24/18 11:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 13:00 CST | | 0 | Source: Department of Highways |
| State Highway 181 was closed due to flooding along Bryant Creek. | | | | |
| POLK COUNTY --- 2.3 ESE PLEASANT HOPE [37.45, -93.24], 2.2 ESE PLEASANT HOPE [37.46, -93.24], 2.2 ESE PLEASANT HOPE [37.46, -93.24], 2.3 W TIN TOWN [37.45, -93.24] | | | | |
| | 02/24/18 11:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 13:00 CST | | 0 | Source: Department of Highways |
| State Highway 215 was closed due to flooding. | | | | |
| DOUGLAS COUNTY --- 1.5 SSE OLATHE [37.01, -92.52], 1.5 SSE OLATHE [37.01, -92.52], 1.5 SSE OLATHE [37.01, -92.52], 1.4 SSE OLATHE [37.01, -92.52] | | | | |
| | 02/24/18 12:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 14:00 CST | | 0 | Source: Department of Highways |
| State Highway U was closed due to flooding. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------|
| DOUGLAS COUNTY --- 2.5 W AVA MUNI MEML ARPT [36.97, -92.72], 2.4 W AVA MUNI MEML ARPT [36.97, -92.72], 2.6 W AVA MUNI MEML ARPT [36.96, -92.73], 2.6 W AVA MUNI MEML ARPT [36.96, -92.73] | | | | |
| | 02/24/18 12:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 14:00 CST | | 0 | Source: Department of Highways |
| State Highway Y was closed due to flooding. | | | | |
| DALLAS COUNTY --- 0.4 W CLOVERDALE [37.63, -93.03], 0.5 NW CLOVERDALE [37.63, -93.03], 0.6 NW CLOVERDALE [37.63, -93.03], 0.4 W CLOVERDALE [37.63, -93.03] | | | | |
| | 02/24/18 12:20 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 14:20 CST | | 0 | Source: Department of Highways |
| State Highway 32 was closed due to flooding of the Niangua River. | | | | |
| BARRY COUNTY --- 0.9 NNE HALLEY [36.73, -93.67], 1.1 NE HALLEY [36.73, -93.67], 1.4 NE HALLEY [36.73, -93.66], 1.1 NNE HALLEY [36.73, -93.67] | | | | |
| | 02/24/18 12:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 14:30 CST | | 0 | Source: Department of Highways |
| State Highway 39 was closed due to flooding along Flat Creek. | | | | |
| CHRISTIAN COUNTY --- 1.1 NE OZARK [37.03, -93.21], 1.2 NE OZARK [37.03, -93.20], 0.9 ENE OZARK [37.03, -93.21], 0.9 NE OZARK [37.03, -93.21] | | | | |
| | 02/24/18 12:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 14:30 CST | | 0 | Source: Emergency Manager |
| The Finley River at Ozark had flooded. | | | | |
| DALLAS COUNTY --- 0.9 NW CLOVERDALE [37.64, -93.03], 0.7 NW CLOVERDALE [37.64, -93.03], 0.5 NW CLOVERDALE [37.63, -93.03], 0.5 WNW CLOVERDALE [37.63, -93.03] | | | | |
| | 02/24/18 12:39 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 14:39 CST | | 0 | Source: Law Enforcement |
| Heavy rainfall caused the Niangua River to flood a section of Highway 32 east of Buffalo. | | | | |
| MCDONALD COUNTY --- 3.4 S KLONDIKE [36.67, -94.61], 3.5 S KLONDIKE [36.67, -94.61], 3.5 S KLONDIKE [36.67, -94.61], 3.4 S KLONDIKE [36.67, -94.61] | | | | |
| | 02/24/18 13:31 CST | | 10K | Flash Flood (due to Heavy Rain) |
| | 02/24/18 15:31 CST | | 0 | Source: Emergency Manager |
| A vehicle was swept off the road at Buffalo Creek. | | | | |
| WEBSTER COUNTY --- 1.5 ENE NORTH VIEW HILL [37.30, -92.99], 1.6 E NORTH VIEW HILL [37.30, -92.99], 1.6 ENE NORTH VIEW HILL [37.30, -92.99], 1.4 ENE NORTH VIEW HILL [37.31, -93.00] | | | | |
| | 02/24/18 14:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 16:00 CST | | 0 | Source: NWS Employee |
| The headwaters of the Pomme De Terre River flooded a section of Greenwood Road. | | | | |
| HOWELL COUNTY --- 1.3 ESE LEOTA [36.52, -92.01], 1.2 ESE LEOTA [36.52, -92.01], 1.2 SE LEOTA [36.52, -92.01], 1.3 SE LEOTA [36.52, -92.01] | | | | |
| | 02/24/18 15:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 17:00 CST | | 0 | Source: Department of Highways |
| State Highway 142 was closed due to flooding west of Moody. | | | | |
| HOWELL COUNTY --- 2.8 SW POTTERSVILLE [36.67, -92.06], 2.8 SW POTTERSVILLE [36.67, -92.06], 2.8 SW POTTERSVILLE [36.67, -92.06], 2.8 SW POTTERSVILLE [36.67, -92.06] | | | | |
| | 02/24/18 15:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 17:00 CST | | 0 | Source: Department of Highways |
| State Highway K was closed due to flooding. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|--------------------------------|
| HOWELL COUNTY --- 3.2 W LANTON [36.51, -91.86], 3.2 WSW LANTON [36.51, -91.86], 3.1 WSW LANTON [36.51, -91.86], 3.1 W LANTON [36.51, -91.86] | | | | |
| | 02/24/18 15:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 17:00 CST | | 0 | Source: Department of Highways |
| State Highway 142 was closed due to flooding. | | | | |
| MILLER COUNTY --- 1.1 NNW ST ANTHONY [38.18, -92.29], 0.9 NNW ST ANTHONY [38.18, -92.29], 0.9 NNW ST ANTHONY [38.18, -92.29], 1.2 NNW ST ANTHONY [38.19, -92.29] | | | | |
| | 02/24/18 15:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 17:00 CST | | 0 | Source: Department of Highways |
| State Highway A was closed due to flooding along Tavern Creek. | | | | |
| OZARK COUNTY --- 1.3 ENE LAWNSDALE [36.64, -92.23], 1.5 NE LAWNSDALE [36.64, -92.23], 1.8 ENE LAWNSDALE [36.64, -92.22], 1.7 ENE LAWNSDALE [36.64, -92.22] | | | | |
| | 02/24/18 15:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 17:00 CST | | 0 | Source: Department of Highways |
| State Highway H was closed due to flooding along the North Fork River. | | | | |
| PULASKI COUNTY --- 2.4 SE HELM [37.96, -92.11], 2.5 SE HELM [37.96, -92.11], 2.5 SE HELM [37.96, -92.11], 2.3 SE HELM [37.96, -92.11] | | | | |
| | 02/24/18 15:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 17:00 CST | | 0 | Source: Department of Highways |
| State Highway O was closed due to flooding. | | | | |
| WEBSTER COUNTY --- 1.3 SW COMPTON [37.22, -93.05], 1.2 SW COMPTON [37.22, -93.04], 1.2 SSW COMPTON [37.22, -93.04], 1.3 SW COMPTON [37.22, -93.05] | | | | |
| | 02/24/18 15:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 17:00 CST | | 0 | Source: Department of Highways |
| State Highway B was closed due to flooding. | | | | |
| WRIGHT COUNTY --- 1.6 N JERKTAIL [37.44, -92.45], 1.6 N JERKTAIL [37.44, -92.45], 1.6 N JERKTAIL [37.44, -92.45], 1.7 N JERKTAIL [37.44, -92.45] | | | | |
| | 02/24/18 15:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 17:00 CST | | 0 | Source: Department of Highways |
| State Highway Z was closed due to flooding along the Gasconade River. | | | | |
| WRIGHT COUNTY --- 1.9 WNW RAYBORN [37.31, -92.40], 1.7 WNW RAYBORN [37.31, -92.40], 1.7 WNW RAYBORN [37.31, -92.40], 2.0 WNW RAYBORN [37.31, -92.40] | | | | |
| | 02/24/18 15:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 17:00 CST | | 0 | Source: Department of Highways |
| State Highway E was closed due to flooding. | | | | |
| WRIGHT COUNTY --- 4.3 NE MANSFIELD [37.17, -92.53], 4.4 NE MANSFIELD [37.17, -92.53], 4.2 NE MANSFIELD [37.17, -92.53], 4.2 NE MANSFIELD [37.17, -92.53] | | | | |
| | 02/24/18 15:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 17:00 CST | | 0 | Source: Department of Highways |
| State Highway AB was closed due to flooding on Wolf Creek. | | | | |
| WEBSTER COUNTY --- 1.4 SSW FORKNERS HILL [37.45, -92.93], 1.3 NNE ST LUKE [37.45, -92.92], 1.4 NNE ST LUKE [37.45, -92.92], 1.3 SSW FORKNERS HILL [37.45, -92.92] | | | | |
| | 02/24/18 15:05 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 17:05 CST | | 0 | Source: Department of Highways |
| State Highway Y was closed due to flooding along the Niangua River. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|--------------------------------|
| HOWELL COUNTY --- 0.3 NNW WEST PLAINS [36.73, -91.85], 0.2 NE WEST PLAINS [36.73, -91.85], 0.2 NE WEST PLAINS [36.73, -91.85], 0.3 NNW WEST PLAINS [36.73, -91.85] | | | | |
| | 02/24/18 15:15 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 17:15 CST | | 0 | Source: 911 Call Center |
| There was severe streets flooded and closed in West Plains according to 911 Dispatch. | | | | |
| OZARK COUNTY --- 0.7 N MAMMOTH [36.54, -92.40], 0.5 N MAMMOTH [36.54, -92.40], 0.5 NNE MAMMOTH [36.54, -92.40], 0.7 N MAMMOTH [36.54, -92.40] | | | | |
| | 02/24/18 16:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 16:00 CST | | 0 | Source: Department of Highways |
| State Highway T was closed due to flooding. | | | | |
| DENT COUNTY --- 0.4 ESE SLIGO [37.78, -91.37], 0.8 SE SLIGO [37.77, -91.37], 0.8 SE SLIGO [37.77, -91.37], 0.5 ESE SLIGO [37.78, -91.37] | | | | |
| | 02/24/18 16:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 18:30 CST | | 0 | Source: Department of Highways |
| State Highway TT was closed due to flooding. | | | | |
| DENT COUNTY --- 2.8 WNW STONE HILL [37.61, -91.40], 2.9 WNW STONE HILL [37.61, -91.40], 2.8 WNW STONE HILL [37.61, -91.40], 2.7 WNW STONE HILL [37.61, -91.40] | | | | |
| | 02/24/18 16:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 18:30 CST | | 0 | Source: Department of Highways |
| State Highway EE was closed due to flooding. | | | | |
| GREENE COUNTY --- 3.3 E BROOKLINE [37.17, -93.37], 3.3 E BROOKLINE [37.17, -93.37], 3.3 E BROOKLINE [37.17, -93.37], 3.3 E BROOKLINE [37.17, -93.37] | | | | |
| | 02/24/18 16:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 18:30 CST | | 0 | Source: Emergency Manager |
| Farm Road 156 west of West Bypass was closed due to flooding. | | | | |
| SHANNON COUNTY --- 1.2 SW HARDAGE [37.39, -91.35], 1.3 SW HARDAGE [37.39, -91.35], 1.2 SW HARDAGE [37.39, -91.35], 1.1 SW HARDAGE [37.39, -91.35] | | | | |
| | 02/24/18 16:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 18:30 CST | | 0 | Source: Department of Highways |
| State Highway A was closed due to flooding. | | | | |
| SHANNON COUNTY --- 2.3 ENE RAT [37.39, -91.19], 2.1 E RAT [37.38, -91.19], 2.2 E RAT [37.38, -91.19], 2.4 ENE RAT [37.39, -91.19] | | | | |
| | 02/24/18 16:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 18:30 CST | | 0 | Source: Department of Highways |
| State Highway P was closed due to flooding. | | | | |
| SHANNON COUNTY --- 4.8 NE WINONA [37.07, -91.27], 4.8 NE WINONA [37.07, -91.27], 4.8 NE WINONA [37.07, -91.27], 4.8 NE WINONA [37.07, -91.27] | | | | |
| | 02/24/18 16:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 18:30 CST | | 0 | Source: Department of Highways |
| State Highway H was closed due to flooding. | | | | |
| PHELPS COUNTY --- 5.2 WNW FLAT [37.77, -92.02], 5.1 WNW FLAT [37.77, -92.02], 4.9 WNW FLAT [37.77, -92.02], 4.9 WNW FLAT [37.77, -92.02] | | | | |
| | 02/24/18 17:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 19:00 CST | | 0 | Source: Department of Highways |
| State Highway J was closed due to flooding. | | | | |
| BARTON COUNTY --- 1.5 SSW BOSTON [37.40, -94.31], 1.7 SSW BOSTON [37.40, -94.31], 1.7 SSW BOSTON [37.40, -94.31], 1.4 SSW BOSTON [37.40, -94.31] | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|--------------------------------|
| | 02/24/18 17:45 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 19:45 CST | | 0 | Source: Department of Highways |

State Highway 126 was closed due to flooding along the North Fork Spring River.

| NEWTON COUNTY --- STELLA [36.77, -94.20], 0.3 SSW STELLA [36.77, -94.20], 0.3 SW STELLA [36.77, -94.20], 0.1 WNW STELLA [36.77, -94.20] | | | | |
|---|--------------------|--|---|---------------------------|
| | 02/24/18 18:15 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 20:15 CST | | 0 | Source: Emergency Manager |

State Highway A was closed due to flooding.

| DALLAS COUNTY --- 2.3 N CEDAR RIDGE [37.68, -92.93], 2.4 N CEDAR RIDGE [37.68, -92.92], 2.4 S WINDYVILLE [37.69, -92.92], 2.3 N CEDAR RIDGE [37.68, -92.93] | | | | |
|---|--------------------|--|---|--------------------------------|
| | 02/24/18 18:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 20:30 CST | | 0 | Source: Department of Highways |

State Highway K was closed due to flooding along the Niangua River.

| LAWRENCE COUNTY --- 1.4 ENE HOBERG [37.08, -93.85], 1.7 E HOBERG [37.07, -93.84], 1.7 E HOBERG [37.07, -93.84], 1.4 ENE HOBERG [37.08, -93.85] | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/25/18 00:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 02:30 CST | | 0 | Source: Law Enforcement |

There was a water rescue at a low water crossing on Lawrence County Road 2137 east of Lawrence County Road 2140 near Hoberg.

Heavy rainfall over several days caused minor flooding across the Missouri Ozarks. Between four and eight inches of rainfall fell over the course of about a week.

MONTANA, Central

| (MT-Z014) SOUTHERN LEWIS AND CLARK | | | | |
|------------------------------------|--------------------|--|---|-----------------------|
| | 02/02/18 21:51 MST | | 0 | High Wind (MAX 51 kt) |
| | 02/02/18 22:13 MST | | 0 | |

Several weak disturbances sent southward surging cold fronts across the area, with isolated areas of strong winds along the Divide in Central Montana.

| (MT-Z011) HILL, (MT-Z047) BLAINE | | | | |
|----------------------------------|--------------------|--|---|------------|
| | 02/03/18 11:00 MST | | 0 | Heavy Snow |
| | 02/04/18 00:00 MST | | 0 | |

This longer-duration winter event was really made up of 3 separate systems. The first wave brought snow and mixed precipitation to Central Montana on Friday, February 2. After a lull, another round of mostly snow impacted Central Montana on Saturday, February 3. The third, and final, wave brought snow and mixed precipitation to Central and Southwest Montana Sunday-Monday, February 4-5.

| (MT-Z009) NORTH ROCKY MOUNTAIN FRONT, (MT-Z011) HILL, (MT-Z012) CASCADE, (MT-Z013) CHOUTEAU, (MT-Z014) SOUTHERN LEWIS AND CLARK, (MT-Z047) BLAINE, (MT-Z048) SOUTHERN ROCKY MOUNTAIN FRONT, (MT-Z049) EASTERN TETON, (MT-Z050) JUDITH BASIN, (MT-Z051) FERGUS | | | | |
|---|--------------------|--|---|--------------|
| | 02/08/18 06:40 MST | | 0 | Winter Storm |
| | 02/09/18 09:00 MST | | 0 | |

During the 7th through 9th, North-Central and Southwest Montana resided underneath northwesterly flow aloft associated with the polar front jet stream. In addition, multiple disturbances embedded within this flow interacted with a frontal boundary that wavered over the area from southwest to northeast and vice versa. The resulting lift, combined with abundant moisture in the low- to mid-level atmosphere, contributed to the formation of periods of snow over North-Central and Southwest Montana. In addition, it is believed mesoscale bands of heavy snow that affected portions of North-Central Montana on the 8th into early morning of the 9th were tied to frontogenesis in the 850 mb to 700 mb layer.

| (MT-Z014) SOUTHERN LEWIS AND CLARK | | | | |
|------------------------------------|--------------------|--|---|-----------------------|
| | 02/08/18 15:28 MST | | 0 | High Wind (MAX 51 kt) |
| | 02/08/18 15:28 MST | | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

Passing disturbance caused strong downsloping winds across a large portion of Northern and Central Montana.

(MT-Z009) NORTH ROCKY MOUNTAIN FRONT, (MT-Z010) EASTERN GLACIER, (MT-Z044) TOOLE, (MT-Z050) JUDITH BASIN

| | | |
|--------------------|---|-----------------------|
| 02/13/18 07:23 MST | 0 | High Wind (MAX 63 kt) |
| 02/13/18 23:07 MST | 0 | |

A strong storm system created blizzard conditions across northern Montana, with extreme winds across higher terrain causing significant impacts.

(MT-Z009) NORTH ROCKY MOUNTAIN FRONT

| | | |
|--------------------|---|----------|
| 02/13/18 16:20 MST | 0 | Blizzard |
| 02/13/18 16:20 MST | 0 | |

Low- to mid-level winds (i.e. 700 mb winds) increased and became more westerly across the Rocky Mountain Front during the evening of February 12th through much of the 13th as high pressure ridging over western Montana and the Pacific Northwest was broken-down by a series of weather disturbances. At the surface, a trough east of the Rockies developed and deepened. A tightening surface pressure gradient accompanying this strengthening trough yielded strong and gusty southwesterly to westerly surface winds along the Rocky Mountain Front and most of Glacier County. These strong winds, combined with a significant and loose snow pack, allowed a ground blizzard to affect much of Glacier County.

(MT-Z009) NORTH ROCKY MOUNTAIN FRONT, (MT-Z011) HILL, (MT-Z012) CASCADE, (MT-Z013) CHOUTEAU, (MT-Z014) SOUTHERN LEWIS AND CLARK, (MT-Z044) TOOLE, (MT-Z045) LIBERTY, (MT-Z047) BLAINE, (MT-Z048) SOUTHERN ROCKY MOUNTAIN FRONT, (MT-Z049) EASTERN TETON, (MT-Z050) JUDITH BASIN, (MT-Z051) FERGUS, (MT-Z052) JEFFERSON, (MT-Z053) BROADWATER

| | | |
|--------------------|---|--------------|
| 02/14/18 18:40 MST | 0 | Winter Storm |
| 02/15/18 00:56 MST | 0 | |

Late in the afternoon of February 14th, a cold front began moving south across North-Central Montana. Along and just ahead of the front, a band of moderate to heavy snow developed. That band of snow eventually shifted south, impacting much of Southwest Montana, although snowfall rates lessened somewhat there. Behind the front, strong cold air advection combined with strong winds aloft produced widespread wind gusts of 30 to 50 mph. Also behind the front, areas of moderate to heavy upslope-enhanced snow developed along and north of the Little Belt Mountains. The combination of wind and snow allowed many areas in North-Central Montana to experience blizzard-like conditions for about one to two hours before the wind and snow began to subside late on the 14th and into the morning of the 15th. Severe driving conditions and several road closures were reported across much of the region. At the request of local sheriff's offices, emergency travel only was requested for every county in North-Central Montana and three counties in Southwest Montana.

(MT-Z009) NORTH ROCKY MOUNTAIN FRONT

| | | |
|--------------------|---|----------|
| 02/15/18 20:40 MST | 0 | Blizzard |
| 02/15/18 20:40 MST | 0 | |

Northwesterly flow aloft persisted over North-Central Montana during the late morning of February 15th through morning of the 16th. Within this flow, a disturbance at 700 mb traversed North-Central Montana during late evening of the 15th and early morning of the 16th. This disturbance caused the 700 mb flow to become more westerly and strengthen across the Rocky Mountain Front. In response, a surface trough east of the Rocky Mountain Front strengthened. This caused the surface pressure gradient to tighten, which in turn allowed westerly winds to intensify along the Rocky Mountain Front. These strong winds, combined with a loose snow pack, led to a blizzard along the Northern Rocky Mountain Front.

(MT-Z008) BEAVERHEAD, (MT-Z015) MADISON

| | | |
|--------------------|---|-----------------------|
| 02/17/18 18:25 MST | 0 | High Wind (MAX 55 kt) |
| 02/17/18 21:18 MST | 0 | |

A series of storm systems brought winter weather, and strong winds across southwestern Montana due to afternoon mixing and strong winds aloft.

(MT-Z009) NORTH ROCKY MOUNTAIN FRONT, (MT-Z010) EASTERN GLACIER, (MT-Z048) SOUTHERN ROCKY MOUNTAIN FRONT

| | | |
|--------------------|---|----------|
| 02/23/18 09:42 MST | 0 | Blizzard |
| 02/24/18 10:15 MST | 0 | |

A series of 700 mb weather disturbances moved generally eastward over North-Central Montana between late evening of February 22nd and early evening of the 24th. During the same period, 700 mb winds became more westerly and strengthened, overall, along and east of the Rocky Mountain Front. This caused a surface trough of low pressure east of the Rocky Mountain Front to deepen, especially during late morning of the 23rd through early morning of the 24th. As the trough deepened, a tightening pressure gradient drove

Storm Data and Unusual Weather Phenomena - February 2018

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

strong, gusty, and westerly surface winds, leading to blizzard conditions along the Rocky Mountain Front.

(MT-Z009) NORTH ROCKY MOUNTAIN FRONT

| | | |
|--------------------|---|-----------------------|
| 02/23/18 16:57 MST | 0 | High Wind (MAX 71 kt) |
| 02/23/18 16:57 MST | 0 | |

A significant blizzard caused major impacts along the Divide in Glacier County, with widespread strong wind gusts and blowing snow due to a passing storm system.

(MT-Z010) EASTERN GLACIER, (MT-Z012) CASCADE, (MT-Z013) CHOUTEAU, (MT-Z044) TOOLE, (MT-Z054) MEAGHER

| | | |
|--------------------|---|-----------------------|
| 02/25/18 07:23 MST | 0 | High Wind (MAX 55 kt) |
| 02/25/18 11:50 MST | 0 | |

A quick moving storm system delivered widespread winter weather, and strong gusty winds due to intense low-level winds aloft.

MONTANA, East

(MT-Z016) CENTRAL AND SE PHILLIPS, (MT-Z017) CENTRAL AND SOUTHERN VALLEY, (MT-Z018) DANIELS, (MT-Z019) SHERIDAN, (MT-Z020) WESTERN ROOSEVELT, (MT-Z022) GARFIELD, (MT-Z023) MCCONE, (MT-Z059) NORTHERN PHILLIPS, (MT-Z061) NORTHERN VALLEY, (MT-Z062) EASTERN ROOSEVELT

| | | |
|--------------------|---|---------|
| 02/01/18 00:00 MST | 0 | Drought |
| 02/28/18 23:59 MST | 0 | |

While drought conditions across northeast Montana were improving, there were several areas of D2 or worse drought, even with this past winter's above-average snowfall.

(MT-Z022) GARFIELD

| | | |
|--------------------|---|----------------|
| 02/02/18 20:30 MST | 0 | Winter Weather |
| 02/03/18 10:00 MST | 0 | |

A storm system moved across portions of northeast Montana from the evening of the 2nd through much of the day on the 3rd. Most of the precipitation occurred over Petroleum and Garfield counties, which saw a tenth to a quarter of an inch of freezing rain, followed by 3 to 4 inches of snow. This led to very slippery conditions on roadways, especially Highway 200.

(MT-Z021) PETROLEUM

| | | |
|--------------------|---|------------|
| 02/04/18 16:30 MST | 0 | Heavy Snow |
| 02/05/18 08:00 MST | 0 | |

(MT-Z021) PETROLEUM

| | | |
|--------------------|---|--------------|
| 02/04/18 16:30 MST | 0 | Winter Storm |
| 02/05/18 08:00 MST | 0 | |

A cold front moved into the region from the northwest, crossing the northern Rockies. This brought a few inches of snow to much of northeast Montana, with up to 8 inches falling across Petroleum County.

(MT-Z016) CENTRAL AND SE PHILLIPS, (MT-Z017) CENTRAL AND SOUTHERN VALLEY, (MT-Z021) PETROLEUM, (MT-Z022) GARFIELD, (MT-Z026) PRAIRIE, (MT-Z059) NORTHERN PHILLIPS, (MT-Z060) LITTLE ROCKY MOUNTAINS

| | | |
|--------------------|---|--------------|
| 02/07/18 18:00 MST | 0 | Winter Storm |
| 02/09/18 02:59 MST | 0 | |

An active pattern developed across the area with Pacific moisture moving into the region and northwest flow aloft overrunning a strong cold front. Widespread areas of northeast Montana received several inches of snow from this storm system.

(MT-Z016) CENTRAL AND SE PHILLIPS, (MT-Z017) CENTRAL AND SOUTHERN VALLEY, (MT-Z020) WESTERN ROOSEVELT, (MT-Z022) GARFIELD, (MT-Z023) MCCONE, (MT-Z024) RICHLAND, (MT-Z025) DAWSON

| | | |
|--------------------|---|-------------------------|
| 02/09/18 18:35 MST | 0 | Extreme Cold/Wind Chill |
| 02/10/18 11:55 MST | 0 | |

Arctic air behind a cold front pushed into eastern Montana, bringing very cold temperatures on the morning of the 10th. Although winds were relatively light, they were strong enough in combination with the bitter cold temperatures to create extreme wind chills across

Storm Data and Unusual Weather Phenomena - February 2018

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

much of the area. Wind chills of 40 below zero or worse were common, with the lowest wind chill value of 58 below zero in Phillips County.

(MT-Z016) CENTRAL AND SE PHILLIPS, (MT-Z059) NORTHERN PHILLIPS

| | | |
|--------------------|---|-------------------------|
| 02/12/18 05:10 MST | 0 | Extreme Cold/Wind Chill |
| 02/12/18 14:15 MST | 0 | |

Bitter cold temperatures combined with relatively light winds to produce very cold wind chills during the late evening of the 11th and early morning hours of the 12th. While most of northeast Montana saw wind chills generally in the 30s below zero, a few locations saw wind chills dropping to the 40s or even 50s below zero.

(MT-Z016) CENTRAL AND SE PHILLIPS, (MT-Z059) NORTHERN PHILLIPS

| | | |
|--------------------|---|-------------------------|
| 02/12/18 20:46 MST | 0 | Extreme Cold/Wind Chill |
| 02/13/18 02:27 MST | 0 | |

Bitter cold temperatures combined with relatively light winds to produce very cold wind chills during the late evening of the 12th and early morning hours of the 13th. While most of northeast Montana saw wind chills in the 20s and 30s below zero, a few locations mainly in Phillips and Valley counties, saw wind chills dropping to under 40 below zero.

MONTANA, South

(MT-Z029) MUSSELSHELL, (MT-Z030) TREASURE, (MT-Z031) NORTHERN ROSEBUD, (MT-Z032) CUSTER, (MT-Z034) NORTHERN STILLWATER, (MT-Z035) YELLOWSTONE, (MT-Z036) POWDER RIVER, (MT-Z038) SOUTHERN BIG HORN, (MT-Z039) EASTERN CARBON, (MT-Z057) NORTHERN BIG HORN, (MT-Z058) SOUTHERN ROSEBUD, (MT-Z063) JUDITH GAP, (MT-Z067) ABSAROKEE / BEARTOOTH MOUNTAINS

| | | |
|--------------------|---|--------------|
| 02/03/18 10:00 MST | 0 | Winter Storm |
| 02/05/18 17:00 MST | 0 | |

(MT-Z039) EASTERN CARBON

| | | |
|--------------------|---|----------------|
| 02/05/18 16:00 MST | 0 | Winter Weather |
| 02/05/18 16:00 MST | 0 | |

Arctic air at the surface, combined with a moist flow off the Pacific, resulted in an "over-running event" which brought heavy snow across the entire Billings Forecast area.

(MT-Z028) SOUTHERN WHEATLAND, (MT-Z029) MUSSELSHELL, (MT-Z030) TREASURE, (MT-Z031) NORTHERN ROSEBUD, (MT-Z032) CUSTER, (MT-Z033) FALLON, (MT-Z035) YELLOWSTONE, (MT-Z037) CARTER, (MT-Z057) NORTHERN BIG HORN, (MT-Z058) SOUTHERN ROSEBUD, (MT-Z063) JUDITH GAP, (MT-Z067) ABSAROKEE / BEARTOOTH MOUNTAINS

| | | |
|--------------------|---|--------------|
| 02/07/18 14:00 MST | 0 | Winter Storm |
| 02/09/18 17:00 MST | 0 | |

Arctic air at the surface, combined with a moist flow off the Pacific, resulted in an "over-running event" which brought heavy snow across the entire Billings Forecast area.

(MT-Z028) SOUTHERN WHEATLAND, (MT-Z041) NORTHERN SWEET GRASS

| | | |
|--------------------|---|-----------------------|
| 02/13/18 04:00 MST | 0 | High Wind (MAX 55 kt) |
| 02/14/18 09:00 MST | 0 | |

Tight surface pressure gradients resulted in very gusty winds across Northern Sweet Grass and Southern Wheatland Counties.

(MT-Z063) JUDITH GAP

| | | |
|--------------------|---|----------|
| 02/14/18 17:30 MST | 0 | Blizzard |
| 02/15/18 12:00 MST | 0 | |

(MT-Z034) NORTHERN STILLWATER, (MT-Z035) YELLOWSTONE, (MT-Z038) SOUTHERN BIG HORN, (MT-Z039) EASTERN CARBON, (MT-Z056) RED LODGE FOOTHILLS, (MT-Z057) NORTHERN BIG HORN, (MT-Z066) BEARTOOTH FOOTHILLS

| | | |
|--------------------|---|--------------|
| 02/14/18 19:00 MST | 0 | Winter Storm |
| 02/15/18 14:00 MST | 0 | |

Another arctic front swept across the Billings Forecast Area. At the same time, a moist Pacific flow aloft moved over this arctic airmass. This combined with strong jet dynamics resulted in heavy snow across portions of the Billings Forecast Area.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|------------------------|
| (MT-Z030) TREASURE, (MT-Z041) NORTHERN SWEET GRASS, (MT-Z056) RED LODGE FOOTHILLS, (MT-Z057) NORTHERN BIG HORN, (MT-Z066) BEARTOOTH FOOTHILLS, (MT-Z067) ABSAROKEE / BEARTOOTH MOUNTAINS, (MT-Z068) CRAZY MOUNTAINS | | | | |
| | 02/16/18 12:00 MST | | 0 | Winter Storm |
| | 02/19/18 03:00 MST | | 0 | |
| Arctic air at the surface, combined with a moist flow off the Pacific, resulted in heavy snow over the Beartooth/Absaroka Mountains and adjacent foothills, as well as portions of the plains. | | | | |
| (MT-Z041) NORTHERN SWEET GRASS | | | | |
| | 02/25/18 08:40 MST | | 0 | High Wind (MAX 54 kt) |
| | 02/25/18 08:40 MST | | 0 | |
| Tight pressure gradients resulted in strong wind gusts across portions of Sweet Grass County. | | | | |
| MONTANA, West | | | | |
| (MT-Z002) WEST GLACIER REGION | | | | |
| | 02/03/18 11:00 MST | | 0 | Blizzard |
| | 02/04/18 03:00 MST | | 0 | |
| (MT-Z007) BUTTE / BLACKFOOT REGION | | | | |
| | 02/03/18 20:00 MST | | 0 | Winter Storm |
| | 02/04/18 12:00 MST | | 0 | |
| After a relatively mild January and first few days of February, an arctic air mass came over the Continental Divide into Northwest Montana during the morning of February 3 bringing strong winds, heavy snow, and localized freezing rain. | | | | |
| (MT-Z002) WEST GLACIER REGION, (MT-Z003) FLATHEAD/MISSION VALLEYS | | | | |
| | 02/04/18 15:00 MST | | 0 | Winter Storm |
| | 02/05/18 11:00 MST | | 0 | |
| (MT-Z007) BUTTE / BLACKFOOT REGION | | | | |
| | 02/05/18 00:00 MST | | 0 | Avalanche |
| | 02/05/18 02:00 MST | | 0 | |
| Another push of arctic air came back over the Continental Divide the evening of the 4th, reaching Kalispell during the morning commute on the 5th. Winds were not as strong along U.S. Highway 2 as the previous day but were stronger in Kalispell. | | | | |
| (MT-Z002) WEST GLACIER REGION, (MT-Z003) FLATHEAD/MISSION VALLEYS, (MT-Z005) MISSOULA / BITTERROOT VALLEYS | | | | |
| | 02/08/18 11:00 MST | | 10M | Winter Storm |
| | 02/09/18 11:00 MST | | 0 | |
| Arctic air once again spilled over the Divide the morning of the 8th leading to a period of gusty winds, blowing snow, moderate to heavy snowfall, icy conditions and much colder temperatures. | | | | |
| (MT-Z003) FLATHEAD/MISSION VALLEYS | | | | |
| | 02/14/18 18:45 MST | | 0 | Winter Storm |
| | 02/15/18 03:30 MST | | 0 | |
| Arctic air pushed across the Divide and into the Kalispell area on the evening of 14th leading to a period of moderate snow and gusty winds with associated impacts. | | | | |
| (MT-Z001) KOOTENAI/CABINET REGION, (MT-Z002) WEST GLACIER REGION, (MT-Z003) FLATHEAD/MISSION VALLEYS, (MT-Z004) LOWER CLARK FORK REGION, (MT-Z005) MISSOULA / BITTERROOT VALLEYS, (MT-Z007) BUTTE / BLACKFOOT REGION, (MT-Z043) POTOMAC / SEELEY LAKE REGION | | | | |
| | 02/17/18 11:00 MST | | 0 | Winter Storm |
| | 02/19/18 00:00 MST | | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|-------------------------|
| (MT-Z006) BITTERROOT / SAPPHIRE MOUNTAINS | | | | |
| | 02/17/18 12:00 MST | | 0 | Heavy Snow |
| | 02/18/18 20:00 MST | | 0 | |
| <p>Heavy snow fell ahead of a warm front on the 17th, especially across Northwest Montana. An Arctic front brought strong winds and additional snow late on the 17th into the 18th across all of western Montana.</p> | | | | |
| (MT-Z004) LOWER CLARK FORK REGION | | | | |
| | 02/24/18 06:00 MST | | 0 | Winter Storm |
| | 02/26/18 00:00 MST | | 0 | |
| <p>Heavy upslope snow fell across the mountains of northwest Montana on the 24th into the 25th, with snow bands leading to isolated heavy snow late on the 25th.</p> | | | | |
| NEBRASKA, Central | | | | |
| (NE-Z004) SHERIDAN, (NE-Z005) EASTERN CHERRY, (NE-Z094) WESTERN CHERRY | | | | |
| | 02/20/18 23:00 CST | | 0 | Extreme Cold/Wind Chill |
| | 02/21/18 15:00 CST | | 0 | |
| (NE-Z004) SHERIDAN, (NE-Z005) EASTERN CHERRY, (NE-Z094) WESTERN CHERRY | | | | |
| | 02/20/18 23:00 MST | | 0 | Extreme Cold/Wind Chill |
| | 02/21/18 15:00 MST | | 0 | |
| <p>A bitter cold arctic air mass brought dangerous wind chills to portions of north central Nebraska during the late evening Tuesday, February 20th, and the overnight and morning hours on Wednesday, February 21st. Lowest wind chills of 30 to 39 below occurred.</p> | | | | |
| NEBRASKA, East | | | | |
| (NE-Z044) DODGE, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z065) SEWARD, (NE-Z066) LANCASTER, (NE-Z078) SALINE | | | | |
| | 02/01/18 10:00 CST | | 0 | Winter Weather |
| | 02/05/18 21:00 CST | | 0 | |
| <p>An upper level weather system moved across eastern Nebraska and produced a fairly narrow band of moderate snowfall on February of 1 to 5 inches of snow from Saline and Seward Counties in Nebraska to Harrison County and Pottawattamie Counties in Iowa. The heaviest amounts included 2.7 inches at 68th and Dodge in Omaha, 3 inches west of Oakland, 4 inches at Scribner, NE, and 5 inches southwest of Dunlap, IA.</p> | | | | |
| (NE-Z088) JEFFERSON | | | | |
| | 02/04/18 05:00 CST | | 0 | Winter Weather |
| | 02/04/18 10:00 CST | | 0 | |
| <p>An area of light snow fell across southeast Nebraska early in the morning on February 4th. Amounts were generally an inch or less. The highest amount was 1.5 inches at Feirbury in Jefferson County. Some wind with the light snow caused blowing snow conditions.</p> | | | | |
| (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z066) LANCASTER, (NE-Z078) SALINE, (NE-Z089) GAGE, (NE-Z090) JOHNSON | | | | |
| | 02/06/18 12:00 CST | | 0 | Winter Weather |
| | 02/06/18 22:00 CST | | 0 | |
| <p>Another fast moving upper level weather system brought several bands of snow across portions of east central and southeast Nebraska, and parts of southwest Iowa during the afternoon and evening of February 6th. Most areas received 1-3 inches of snow. A band of heavier snow brought 4 to 5 inches to parts of Saline County.</p> | | | | |
| (NE-Z031) MADISON, (NE-Z052) DOUGLAS, (NE-Z066) LANCASTER | | | | |
| | 02/18/18 08:00 CST | | 3K | Strong Wind (MAX 46 kt) |
| | 02/18/18 12:00 CST | | 3K | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--------------------------|--------------------|-------------------|---------------------|------------------------|
| (NE-Z052) DOUGLAS | | | | |
| | 02/18/18 08:00 CST | | 1K | High Wind (MAX 50 kt) |
| | 02/18/18 12:00 CST | | 1K | |

Strong winds developed ahead of a cold front across eastern Nebraska. Many locations gusted to over 40 mph. Omaha, Norfolk, and Lincoln ASOS sites all gusted to over 50 mph.

| | | | | |
|--|--------------------|--|---|-------------------------|
| CASS COUNTY --- 0.7 S CEDAR CREEK [41.02, -96.10] | | | | |
| | 02/19/18 22:45 CST | | 0 | Hail (0.75 in) |
| | 02/19/18 22:45 CST | | 0 | Source: Trained Spotter |

A thunderstorm produced sleet and small hail south of Cedar Creek.

A low pressure system moving northeast along a front across northeast Kansas into northwest Missouri. Showers and some thunderstorms produced freezing rain, sleet, and small hail in eastern Nebraska.

| | | | | |
|---|--------------------|--|---|----------------|
| (NE-Z045) WASHINGTON, (NE-Z050) BUTLER, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z066) LANCASTER, (NE-Z088) JEFFERSON, (NE-Z089) GAGE, (NE-Z091) NEMAHA | | | | |
| | 02/22/18 00:00 CST | | 0 | Winter Weather |
| | 02/22/18 09:00 CST | | 0 | |

Another upper level weather system produced light to moderate snowfall in eastern Nebraska and southwest Iowa. Snowfall amounts with this storm were generally 1-3 inches.

NEBRASKA, Extreme Northeast

| | | | | |
|--|--------------------|--|---|----------------|
| (NE-Z013) DIXON, (NE-Z014) DAKOTA | | | | |
| | 02/05/18 06:00 CST | | 0 | Winter Weather |
| | 02/05/18 13:00 CST | | 0 | |

A disturbance rotating around a large Canadian upper vortex brought a period of enhanced frontogenetic forcing through the Missouri River valley and eastward across northwest Iowa and far southern Minnesota. Snowfall averaged from 2 to 5 inches.

| | | | | |
|--|--------------------|--|---|----------------|
| (NE-Z013) DIXON, (NE-Z014) DAKOTA | | | | |
| | 02/08/18 09:00 CST | | 0 | Winter Weather |
| | 02/09/18 00:00 CST | | 0 | |

Another in a series of Alberta clipper systems moving across the plains left behind a swath of light to moderate snow accumulations across northeast Nebraska. Much of the area received from 3 to 5 inches snowfall, while wind chills dropped below zero by the end of the time of snowfall.

| | | | | |
|--|--------------------|--|---|----------------|
| (NE-Z013) DIXON, (NE-Z014) DAKOTA | | | | |
| | 02/19/18 03:00 CST | | 0 | Winter Weather |
| | 02/20/18 03:00 CST | | 0 | |

With shallow cold air in place, warm advection associated with a weak wave of low pressure moving northeast from Kansas to Wisconsin produced a shield of light precipitation across northeast Nebraska. While most precipitation was in the form of light freezing rain and freezing drizzle on February 19 which resulted in a 0.05 to 0.10 inch ice accumulation, a second round of precipitation early on February 20 brought a dusting of less than an inch of snow which coated the ice and produced hazardous travel conditions. For the two day period, school delays were common for those not already out for the Washington's Birthday holiday.

| | | | | |
|--|--------------------|--|---|----------------|
| (NE-Z013) DIXON, (NE-Z014) DAKOTA | | | | |
| | 02/22/18 15:00 CST | | 0 | Winter Weather |
| | 02/23/18 00:00 CST | | 0 | |

A second disturbance in three days traversed the deep western trough, and the associated jet streak produced another area of snowfall across northeast Nebraska. Intensity waned for a short time in the late afternoon, allowing a brief change to light freezing drizzle. Snowfall varied from 1 to 2 inches.

| | | | | |
|--|--|--|--|--|
| (NE-Z013) DIXON, (NE-Z014) DAKOTA | | | | |
|--|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/24/18 07:00 CST | | 0 | Winter Weather |
| | 02/24/18 13:00 CST | | 0 | |

Ejection of the main upper level wave (which had already steered a pair of snow producing systems across the area during the prior week) brought yet another light to moderate snowfall over northwest Iowa, southeast South Dakota, northeast Nebraska and southwest Minnesota. It generally snowed for three to five hours at most across northeast Nebraska, briefly with visibility of a mile or less. Snowfall amounts were less than 2 inches, but road conditions quickly became hazardous due to the rate of snowfall.

NEBRASKA, Extreme Southwest

(NE-Z079) DUNDY

| | | |
|--------------------|---|------------|
| 02/10/18 07:00 MST | 0 | Heavy Snow |
| 02/10/18 15:00 MST | 0 | |

A band of moderate to heavy snowfall slowly moved south across Dundy County during the day. Snowfall reports ranged from four to nine inches, with the highest amount reported north of Parks.

NEBRASKA, South Central

(NE-Z060) DAWSON, (NE-Z061) BUFFALO, (NE-Z072) GOSPER, (NE-Z074) KEARNEY, (NE-Z075) ADAMS, (NE-Z076) CLAY, (NE-Z082) FURNAS, (NE-Z083) HARLAN, (NE-Z084) FRANKLIN, (NE-Z085) WEBSTER, (NE-Z086) NUCKOLLS, (NE-Z087) THAYER

| | | |
|--------------------|---|----------------|
| 02/04/18 02:30 CST | 0 | Winter Weather |
| 02/04/18 11:30 CST | 0 | |

Although not a "major storm" by any means, this Sunday morning featured a quick-hitting burst of fluffy, wind-driven snow that roughly doubled accumulation expectations across much of South Central Nebraska, with several spots receiving 2-4" (and locally higher). The vast majority of 2+" amounts focused southwest of a line from Loup City-Grand Island-Clay Center-Hebron. According to reports from NeRAIN/CoCoRaHS and official NWS cooperative observers, some of the highest totals featured: 5" at Red Cloud, 4" at Hubbell, 3.9" at Hebron and also four miles southwest of Blue Hill, and 3.8" eight miles south of Elwood. In the Nebraska Tri Cities, totals included: 1.7" at Grand Island airport, 2.6" at Hastings NWS and 2.9" at Kearney airport. Although even the higher-end totals were relatively modest, this event packed somewhat of a punch given sustained north winds generally 20-25 MPH/gusts 30+ MPH, resulting in some drifting and at least brief visibility reductions to one-half mile or less.

As for timing, the vast majority of accumulating snow fell between 3-10 AM, gradually ending from north-to-south as forcing departed southward into Kansas. Speaking of forcing, this event was driven by a classic case of pronounced mid-level frontogenesis, trailing well-behind a strong surface cold front that passed through during the preceding 24 hours. On the larger scale, a broad shortwave trough tracked southeast from the Northern Rockies/Dakotas into the Midwest over the course of Feb. 4th. Locally, this snow event was accompanied by a very cold airmass featuring surface temperatures only in the single digits above zero F, and wind chill values ranging from -10 to -20 F.

(NE-Z041) NANCE, (NE-Z046) SHERMAN, (NE-Z047) HOWARD, (NE-Z049) POLK, (NE-Z060) DAWSON, (NE-Z061) BUFFALO, (NE-Z062) HALL, (NE-Z064) YORK, (NE-Z072) GOSPER, (NE-Z074) KEARNEY, (NE-Z075) ADAMS, (NE-Z076) CLAY, (NE-Z077) FILLMORE, (NE-Z082) FURNAS, (NE-Z085) WEBSTER, (NE-Z087) THAYER

| | | |
|--------------------|---|----------------|
| 02/06/18 05:30 CST | 0 | Winter Weather |
| 02/06/18 20:30 CST | 0 | |

For the second time in three days, South Central Nebraska saw a modest-but-noticeable round of snow on this Tuesday, as most of the 24-county area received 1-3", and localized totals to 4". Unlike the event two days prior on the 4th, winds were not much of a factor, with southeasterly speeds only averaging around 10 MPH. According to reports from NeRAIN/CoCoRaHS and official NWS cooperative observers, some of the highest totals featured: 4" at Geneva and four miles east of Ohiowa, 3.9" at Ravenna, 3.7" eight miles south of Elwood and 3.6" two miles northwest of Rockville. In the Nebraska Tri Cities, official totals included 3" at both Kearney and Grand Island airports and 2" at the Hastings NWS office.

This event was squarely centered on the daytime hours, as snow first broke out in far southwestern counties (such as Furnas) shortly before sunrise and gradually expanded northeastward, affecting the majority of South Central Nebraska by mid-late morning. As the afternoon and early evening wore on, snow slowly ended from west-to-east, with the final steady band exiting Fillmore/Thayer counties between 7-8 PM. In the mid-upper levels, the primary instigator was a shortwave trough migrating east out of Colorado across Kansas and far southern Nebraska. At the surface, this was another very "cold snow" with daytime highs only topping out around 10 F, and the light winds promoted by strong Arctic high pressure (roughly 1033 millibars) centered over Iowa.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|------------------------|
| (NE-Z039) VALLEY, (NE-Z040) GREELEY, (NE-Z041) NANCE, (NE-Z046) SHERMAN, (NE-Z047) HOWARD, (NE-Z048) MERRICK, (NE-Z049) POLK, (NE-Z060) DAWSON, (NE-Z061) BUFFALO, (NE-Z062) HALL, (NE-Z063) HAMILTON, (NE-Z064) YORK | | | | |
| | 02/09/18 09:30 CST | | 0 | Winter Weather |
| | 02/10/18 01:30 CST | | 0 | |

Between the afternoon of Friday the 9th and the evening of Saturday the 10th, two completely separate rounds of Advisory-worthy snow affected parts of the 24-county South Central Nebraska area, making for an active couple days of winter weather despite only modest impacts. Interestingly, the two snow events overlapped minimally in area, with the first round focused mainly within northern and central counties, and the second one across the south. This event summary discusses "round 1", which occurred between the afternoon of the 9th and the pre-dawn hours of the 10th:

This first round of snow primarily affected areas north of Highway 6, and especially counties along and north of Interstate 80, which reported a fairly widespread coverage of 2-4" and isolated higher amounts to around 5". According to reports from NeRAIN/CoCoRaHS and official NWS cooperative observers, some of the highest totals featured: 5" northwest of Greeley, 4.7" west of Arcadia, 4.2" at Grand Island airport and 3.6" at Ravenna. Other official Tri Cities totals included 2.3" at Kearney and only 1.7" at the Hastings NWS office. Although not overly-strong, sustained north winds averaged 10-20 MPH with some higher gusts, causing at least minor blowing and drifting of the fluffy snow. Timing-wise, while some northern counties received minor accumulation early in the afternoon of the 9th, the primary west-east oriented snow band got going in the north between 4-6 PM before gradually slipping southward across the Interstate 80 corridor through the evening. Between midnight and 2 AM on the 10th, this snow band weakened and shifted east of the local area, signaling the end of "round 1". Aloft, a large-scale, broad trough was in place over much of the United States with a series of jet streaks passing directly over Nebraska. This setup yielded a concentrated swath of mid-level frontogenesis, which in turn promoted the rather narrow, west-east oriented snow band that dropped the majority of accumulation. At the surface, the fluffy nature of the flakes was supported by a very cold airmass with temperatures only in the single digits above zero F. The breezy north winds resulted from steady pressure rises emanating southward across the Central Plains from high pressure in Montana and the Dakotas.

| | | | | |
|--|--------------------|--|---|----------------|
| (NE-Z082) FURNAS, (NE-Z083) HARLAN, (NE-Z084) FRANKLIN, (NE-Z085) WEBSTER, (NE-Z086) NUCKOLLS, (NE-Z087) THAYER | | | | |
| | 02/10/18 09:00 CST | | 0 | Winter Weather |
| | 02/11/18 00:30 CST | | 0 | |

Between the afternoon of Friday the 9th and the evening of Saturday the 10th, two completely separate rounds of Advisory-worthy snow affected parts of the 24-county South Central Nebraska area, making for an active couple days of winter weather despite only modest impacts. Interestingly, the two snow events overlapped minimally in area, with the first round focused mainly within northern and central counties, and the second one across the south. This event summary discusses "round 2", which occurred on the afternoon and evening of the 10th:

This second round of snow primarily affected areas south of Highway 6, but especially far southern counties along the Kansas border, where 1-3" was common with isolated slightly higher amounts. According to reports from official NWS cooperative observers, some of the highest totals featured: 3.6" in Hebron, 3.5" at Wilsonville, 3" at Hubbell and 2.5" in Superior. Unlike the event that targeted locations farther north only 12-24 hours earlier, winds were not much of an issue, only averaging around 10 MPH from the north. As for timing, most of the affected area saw the majority of snow between 1-9 PM. However, it started accumulating as early as late-morning in the Furnas County area, while the last flakes lingered to around midnight in and near Thayer County. Aloft, a large-scale, broad trough was translating through the central United States with a series of jet streaks passing directly over Nebraska. Like "round 1" during the preceding 24 hours, this setup yielded another concentrated swath of mid-level frontogenesis, which in turn promoted a fairly narrow, west-east oriented snow band that dropped the majority of accumulation. At the surface, the fluffy nature of the flakes was supported by a very cold airmass with temperatures only averaging 5-10 F. The light winds were fostered by a roughly 1026 millibar high pressure center in northeast Nebraska.

NEBRASKA, West

| | | | | |
|--|--------------------|--|---|----------------|
| (NE-Z002) DAWES, (NE-Z019) SCOTTS BLUFF, (NE-Z021) MORRILL, (NE-Z095) NORTH SIOUX | | | | |
| | 02/03/18 18:00 MST | | 0 | Winter Weather |
| | 02/04/18 12:00 MST | | 0 | |

Light to moderate snow fell across portions of the western Nebraska Panhandle. Snow totals ranged from three to six inches.

| | | | | |
|---|--------------------|--|---|--------------|
| (NE-Z002) DAWES, (NE-Z095) NORTH SIOUX | | | | |
| | 02/09/18 09:00 MST | | 0 | Winter Storm |
| | 02/09/18 18:00 MST | | 0 | |

Moderate snow and a brief period of freezing drizzle caused difficult travel across North Sioux and Dawes counties in the Nebraska Panhandle. Snowfall totals ranged from six to eight inches.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|------------------------|
| (NE-Z002) DAWES, (NE-Z003) BOX BUTTE, (NE-Z095) NORTH SIOUX, (NE-Z096) SOUTH SIOUX | | | | |
| | 02/18/18 18:00 MST | | 0 | Winter Storm |
| | 02/20/18 02:00 MST | | 0 | |

A strong, slow-moving low pressure system produced moderate to heavy snowfall over the northern Nebraska Panhandle. Wind gusts to 30 mph created areas of drifting snow and poor visibility. Storm total snowfall ranged from 6 to 12 inches.

NEVADA, North

| | | | | |
|------------------------------------|--------------------|--|---|------------|
| (NV-Z038) SOUTHWESTERN ELKO | | | | |
| | 02/11/18 20:00 PST | | 0 | Heavy Snow |
| | 02/12/18 08:00 PST | | 0 | |

A winter storm brought 6 to 9 inches of snow to Spring Creek and Lamoille.

| | | | | |
|--|--------------------|--|---|------------|
| (NV-Z034) RUBY MOUNTAINS/E HUMBOLDT RANGE | | | | |
| | 02/18/18 11:00 PST | | 0 | Heavy Snow |
| | 02/19/18 02:00 PST | | 0 | |

A winter storm brought 8 to 16 inches of snow to the Ruby Mountains and East Humboldt Range.

| | | | | |
|--|--------------------|--|---|------------|
| (NV-Z037) S LANDER & S EUREKA | | | | |
| | 02/26/18 21:00 PST | | 0 | Heavy Snow |
| | 02/27/18 05:00 PST | | 0 | |

A winter storm brought 6 to 7 inches of snow to southern Lander and southern Eureka counties.

NEVADA, South

| | | | | |
|-----------------------------------|--------------------|--|---|-----------------------|
| (NV-Z019) SPRING MOUNTAINS | | | | |
| | 02/18/18 20:34 PST | | 0 | High Wind (MAX 57 kt) |
| | 02/19/18 03:34 PST | | 0 | |

| | | | | |
|-----------------------------------|--------------------|--|-----|-------------------------|
| (NV-Z020) LAS VEGAS VALLEY | | | | |
| | 02/18/18 22:00 PST | | 75K | Strong Wind (MAX 48 kt) |
| | 02/19/18 02:00 PST | | 0 | |

A deep, cold low pressure system and associated cold front brought high winds to portions of the Mojave Desert.

| | | | | |
|--|--------------------|--|---|------------|
| (NV-Z014) ESMERALDA/CENTRAL NYE | | | | |
| | 02/26/18 21:00 PST | | 0 | Heavy Snow |
| | 02/27/18 05:00 PST | | 0 | |

A cold Pacific low pressure system brought isolated heavy snow to the southern Great Basin.

NEVADA, West

| | | | | |
|---|--------------------|--|---|------------|
| (NV-Z004) WESTERN NEVADA BASIN AND RANGE | | | | |
| | 02/10/18 05:45 PST | | 0 | Dust Storm |
| | 02/10/18 11:00 PST | | 0 | |

A fast moving cold front swept south across the Pacific Northwest and the Great Basin bringing gusty winds and subsequent blowing dust to parts of western Nevada.

Storm Data and Unusual Weather Phenomena - February 2018

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

| | | | | |
|---|--------------------|--|---|-----------------------|
| (NV-Z001) MINERAL/SOUTHERN LYON, (NV-Z002) GREATER LAKE TAHOE AREA, (NV-Z003) GREATER RENO/CARSON CITY/MINDEN AREA | | | | |
| | 02/18/18 04:00 PST | | 0 | High Wind (MAX 86 kt) |
| | 02/18/18 12:05 PST | | 0 | |

| | | | | |
|---|--------------------|--|---|------------|
| (NV-Z003) GREATER RENO/CARSON CITY/MINDEN AREA | | | | |
| | 02/18/18 14:20 PST | | 0 | Heavy Snow |
| | 02/18/18 21:20 PST | | 0 | |

Low pressure over the northeast Pacific on the 17th moved southeast, reaching northern California on the 18th. This system brought high winds and snowfall to western Nevada.

| | | | | |
|---|--------------------|--|---|----------------|
| (NV-Z003) GREATER RENO/CARSON CITY/MINDEN AREA | | | | |
| | 02/22/18 05:00 PST | | 0 | Winter Weather |
| | 02/22/18 20:00 PST | | 0 | |

| | | | | |
|---|--------------------|--|---|------------|
| (NV-Z003) GREATER RENO/CARSON CITY/MINDEN AREA, (NV-Z004) WESTERN NEVADA BASIN AND RANGE | | | | |
| | 02/22/18 05:00 PST | | 0 | Heavy Snow |
| | 02/22/18 20:00 PST | | 0 | |

A shortwave rounded the base of a longwave trough over the West Coast, passing over Northern California the morning of the 22nd. This shortwave brought snow to western Nevada throughout the 22nd.



Photograph of crash involving approximately 20 vehicles. Credit: Nevada Highway Patrol Northern Command.

| | | | | |
|--|--------------------|--|---|------------|
| (NV-Z002) GREATER LAKE TAHOE AREA | | | | |
| | 02/26/18 00:00 PST | | 0 | Heavy Snow |
| | 02/27/18 00:00 PST | | 0 | |

| | | | | |
|---|--------------------|--|---|-----------------------|
| (NV-Z003) GREATER RENO/CARSON CITY/MINDEN AREA | | | | |
| | 02/26/18 02:03 PST | | 0 | High Wind (MAX 57 kt) |
| | 02/26/18 04:14 PST | | 0 | |

An area of low pressure over the northeast Pacific on the 25th moved southeast, reaching northern California on the 26th. This system

Storm Data and Unusual Weather Phenomena - February 2018

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

brought snow and gusty winds to western Nevada late the 25th into the 26th.

NEW HAMPSHIRE, North and Central

(NH-Z001) NORTHERN COOS, (NH-Z002) SOUTHERN COOS, (NH-Z003) NORTHERN GRAFTON, (NH-Z004) NORTHERN CARROLL, (NH-Z005) SOUTHERN GRAFTON, (NH-Z006) SOUTHERN CARROLL, (NH-Z007) SULLIVAN, (NH-Z008) MERRIMACK, (NH-Z009) BELKNAP, (NH-Z010) STRAFFORD, (NH-Z011) CHESHIRE, (NH-Z015) WESTERN AND CENTRAL HILLSBOROUGH

| | | |
|--------------------|---|------------|
| 02/07/18 10:00 EST | 0 | Heavy Snow |
| 02/07/18 23:00 EST | 0 | |

An area of low pressure over the Tennessee Valley on the morning of the 7th raced rapidly northeastward to the Canadian Maritimes by the morning of the 8th. The storm brought heavy snow to much of the State. Snowfall amounts generally ranged from 6 to 10 inches across all but Rockingham and southern portions of Cheshire and Hillsborough Counties where 3 to 6 inches fell.

(NH-Z006) SOUTHERN CARROLL, (NH-Z008) MERRIMACK, (NH-Z009) BELKNAP, (NH-Z010) STRAFFORD, (NH-Z012) HILLSBOROUGH, (NH-Z013) INTERIOR ROCKINGHAM, (NH-Z014) COASTAL ROCKINGHAM

| | | |
|--------------------|---|------------|
| 02/17/18 21:00 EST | 0 | Heavy Snow |
| 02/18/18 07:00 EST | 0 | |

An area of low pressure moved off the South Carolina coast on the morning of the 17th, then travelled rapidly northeast to the Gulf of Maine by the morning of the 18th. The low then moved rapidly away from the area. The low brought a heavy snowfall to the southeastern part of the State with snowfall amounts generally ranging from 6 to 9 inches. The northern and western part of the State generally saw 2 to 6 inches of snow.

COOS COUNTY --- NORTH STRATFORD [44.75, -71.62], 0.5 NNW NORTH STRATFORD [44.76, -71.62], 0.9 W NORTH STRATFORD [44.75, -71.64], 0.3 SW NORTH STRATFORD [44.75, -71.62]

| | | |
|--------------------|---|-----------------------------------|
| 02/21/18 21:45 EST | 0 | Flood (due to Ice Jam) |
| 02/23/18 04:15 EST | 0 | Source: Official NWS Observations |

Rapid snow melt caused an ice jam and minor flooding on the Connecticut River at North Stratford (flood stage 13 ft), which crested at 13.41 ft.

Unseasonably warm temperatures caused rapid snowmelt and a ice jam on the Connecticut River at North Stratford. Only minor flooding occurred over the course of several days.

NEW JERSEY, Northeast

(NJ-Z103) WESTERN BERGEN, (NJ-Z104) EASTERN BERGEN, (NJ-Z105) WESTERN ESSEX

| | | |
|--------------------|---|----------------|
| 02/07/18 08:00 EST | 0 | Winter Weather |
| 02/07/18 19:00 EST | 0 | |

A wave of low pressure developed across the southeastern states and tracked towards the northeast on February 7, 2018. The low brought a mixture of light snow and light freezing rain. The low pressure tracked a long a warm front which lifted across portions of the region helping to change any snow to freezing rain.

(NJ-Z002) WESTERN PASSAIC, (NJ-Z004) EASTERN PASSAIC, (NJ-Z103) WESTERN BERGEN, (NJ-Z104) EASTERN BERGEN, (NJ-Z105) WESTERN ESSEX

| | | |
|--------------------|---|------------|
| 02/17/18 17:00 EST | 0 | Heavy Snow |
| 02/18/18 01:00 EST | 0 | |

(NJ-Z006) HUDSON, (NJ-Z106) EASTERN ESSEX, (NJ-Z107) WESTERN UNION, (NJ-Z108) EASTERN UNION

| | | |
|--------------------|---|----------------|
| 02/17/18 17:00 EST | 0 | Winter Weather |
| 02/18/18 01:00 EST | 0 | |

A low pressure developed along a frontal boundary along the southeast coast on the evening of Saturday, February 17, 2018. This low gradually became better organized as it moved up the coast towards the 40°N/70°W benchmark early Sunday, February 18, 2018. This system brought heavy snow to northern portions of northeast New Jersey.

Storm Data and Unusual Weather Phenomena - February 2018

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

NEW JERSEY, South and Northwest

CAMDEN COUNTY --- 1.7 NNE CHERRY HILL [39.94, -75.01], 1.3 NNE CHERRY HILL [39.94, -75.01], 1.0 NNW WESTMONT [39.93, -75.04], 1.1 SE MERCHANTVILLE [39.94, -75.03]

| | | | |
|--|--------------------|---|--------------------------------|
| | 02/11/18 10:14 EST | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 12:14 EST | 0 | Source: Department of Highways |

Flooding on highway 38 in both directions was reported.

GLOUCESTER COUNTY --- 0.3 N CLAYTON [39.67, -75.10], 1.5 SSE GLASSBORO [39.70, -75.11], 1.8 SE GLASSBORO [39.71, -75.09], 0.8 NE CLAYTON [39.68, -75.09]

| | | | |
|--|--------------------|---|--------------------------------|
| | 02/11/18 10:23 EST | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 12:23 EST | 0 | Source: Department of Highways |

NJ 47 southbound was reported to be flooded.

MIDDLESEX COUNTY --- 0.5 ENE FORDS [40.52, -74.31], 1.1 WNW HOPELAWN [40.53, -74.30], 0.6 W HOPELAWN [40.52, -74.29], 1.1 ESE FORDS [40.52, -74.30], 0.6 ESE FORDS [40.52, -74.31]

| | | | |
|--|--------------------|---|--------------------------------|
| | 02/11/18 18:54 EST | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 20:54 EST | 0 | Source: Department of Highways |

Flooding was reported on highway 9 near highway 440 that closed several lanes.

Several waves of heavy rainfall moved along a slow moving frontal boundary which led to flooding in a few spots. Rainfall of one to four inches occurred across the state. The highest totals over three inches were in southwestern New Jersey. These include 3.99 inches at Upper Deerfield, 3.75 inches at Sewell, 3.78 inches in Sicklerville and 3.15 inches in Estell manor. On the Great Egg Harbor river at gauge at Folsom went over flood stage reaching 6.1 feet. Also The gauge at Norma on the Maurice River went over flood stage reaching 4.1 feet.

(NJ-Z001) SUSSEX, (NJ-Z007) WARREN

| | | | |
|--|--------------------|---|----------------|
| | 02/14/18 05:20 EST | 0 | Winter Weather |
| | 02/14/18 07:00 EST | 0 | |

A disturbance in the jet stream and an associated weak trough of low pressure within a relatively moist air mass produced showers across the region. On Tuesday Night March 13th , some breaks in the clouds across the Southern Poconos allowed temperatures to fall into the upper 20s, which lead to some of the precipitation to fall as freezing rain. The nearby ASOS in Sussex, New Jersey, reported a short period of light freezing rain from 3:55 AM to 4:13 AM on Wednesday March 14th. There was at most a Trace of radial ice accretion due to the freezing rain.

(NJ-Z001) SUSSEX, (NJ-Z012) MIDDLESEX, (NJ-Z015) MERCER

| | | | |
|--|--------------------|---|----------------|
| | 02/17/18 17:00 EST | 0 | Winter Weather |
| | 02/18/18 00:00 EST | 0 | |

(NJ-Z007) WARREN, (NJ-Z008) MORRIS, (NJ-Z009) HUNTERDON, (NJ-Z010) SOMERSET

| | | | |
|--|--------------------|---|--------------|
| | 02/17/18 17:00 EST | 0 | Winter Storm |
| | 02/18/18 00:00 EST | 0 | |

Snow moved suddenly into northwestern and central New Jersey during the late afternoon hours on Saturday, February 17, falling at a rate of over 1 inch per hour at times before ending very early Sunday morning, February 18. This snow event shocked peoples' senses given that very warm above-normal temperatures preceded it the day before. Precipitation actually began as rain in and around Philadelphia and elsewhere throughout southern New Jersey which limited snowfall totals in those locations. The wet and heavy nature of the snowpack from this storm made shoveling more difficult. Snowfall reports of 6 to 9 inches were common across the area, with some areas receiving up to 10 inches.

(NJ-Z001) SUSSEX

| | | | |
|--|--------------------|---|----------------|
| | 02/23/18 07:30 EST | 0 | Winter Weather |
| | 02/23/18 16:45 EST | 0 | |

An Easterly flow off the Atlantic Ocean and a warm front west of the Appalachians lead to an overrunning regime across the region. Temperatures across Sussex County were cold enough for light freezing rain during the daylight hours of February 23rd.

Storm Data and Unusual Weather Phenomena - February 2018

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

NEW MEXICO, Central and North

(NM-Z501) NORTHWEST PLATEAU, (NM-Z502) CHUSKA MOUNTAINS, (NM-Z503) FAR NORTHWEST HIGHLANDS, (NM-Z504) NORTHWEST HIGHLANDS, (NM-Z505) WEST CENTRAL PLATEAU, (NM-Z506) WEST CENTRAL MOUNTAINS, (NM-Z507) WEST CENTRAL HIGHLANDS, (NM-Z508) SOUTHWEST MOUNTAINS, (NM-Z509) SAN FRANCISCO RIVER VALLEY, (NM-Z510) SAN JUAN MOUNTAINS, (NM-Z511) JEMEZ MOUNTAINS, (NM-Z512) WEST SLOPES OF THE SANGRE DE CRISTO MOUNTAINS, (NM-Z513) NORTHERN SANGRE DE CRISTO MOUNTAINS ABOVE 9500 FEET/RED RIVER, (NM-Z514) SOUTHERN SANGRE DE CRISTO MOUNTAINS ABOVE 9500 FEET, (NM-Z515) EAST SLOPES OF THE SANGRE DE CRISTO MOUNTAINS, (NM-Z516) UPPER RIO GRANDE VALLEY, (NM-Z517) LOWER CHAMA RIVER VALLEY, (NM-Z518) SANTA FE METRO AREA, (NM-Z519) ALBUQUERQUE METRO AREA, (NM-Z520) LOWER RIO GRANDE VALLEY, (NM-Z521) SANDIA/MANZANO MOUNTAINS, (NM-Z522) ESTANCIA VALLEY, (NM-Z523) CENTRAL HIGHLANDS, (NM-Z524) SOUTH CENTRAL HIGHLANDS, (NM-Z525) UPPER TULAROSA VALLEY, (NM-Z526) SOUTH CENTRAL MOUNTAINS, (NM-Z527) RATON RIDGE/JOHNSON MESA, (NM-Z528) FAR NORTHEAST HIGHLANDS, (NM-Z529) NORTHEAST HIGHLANDS, (NM-Z530) UNION COUNTY, (NM-Z531) HARDING COUNTY, (NM-Z532) EASTERN SAN MIGUEL COUNTY, (NM-Z533) GUADALUPE COUNTY, (NM-Z534) QUAY COUNTY, (NM-Z535) CURRY COUNTY, (NM-Z536) ROOSEVELT COUNTY, (NM-Z537) DE BACA COUNTY, (NM-Z538) CHAVES COUNTY PLAINS, (NM-Z539) EASTERN LINCOLN COUNTY

| | | |
|--------------------|---|---------|
| 02/01/18 00:00 MST | 0 | Drought |
| 02/28/18 23:59 MST | 0 | |

The widespread severe drought conditions at the end of January worsened over New Mexico through early February as below normal precipitation continued across the state. The wet conditions experienced across central and eastern New Mexico from the monsoon season into late September were a distant memory by February. Several rounds of wind and very low humidity prompted red flag warnings on several days across eastern New Mexico. The weather pattern became more active for northern and western New Mexico by the middle of the month. A few winter storms impacted the higher terrain bringing modest improvements by the end of February. Statewide snowpack rebounded to a paltry 28 percent of median by the end of the month. Severe drought expanded to almost 80 percent of the state and extreme drought conditions were introduced to the northern high terrain. Weather conditions by the end of February 2018 began drying out once again with more critical fire weather. Grass fires were reported around Lincoln County prompting burn bans for the area.

(NM-Z523) CENTRAL HIGHLANDS

| | | |
|--------------------|---|-----------------------|
| 02/03/18 12:00 MST | 0 | High Wind (MAX 35 kt) |
| 02/03/18 13:00 MST | 0 | |

A weak upper level trough moving quickly southeast through the southern Rockies forced strong northwest winds across New Mexico. Most areas experienced wind gusts between 30 and 40 mph along with very low humidity and above normal temperatures. Clines Corners reported a one hour period of sustained winds of 40 mph during the early afternoon. The main focus with for the day was critical fire weather conditions that spread across much of east-central and southeastern New Mexico.

(NM-Z504) NORTHWEST HIGHLANDS, (NM-Z505) WEST CENTRAL PLATEAU

| | | |
|--------------------|---|----------------|
| 02/10/18 22:00 MST | 0 | Winter Weather |
| 02/11/18 06:00 MST | 0 | |

An upper level trough shifted southeast through the Great Basin into New Mexico during the late afternoon hours of the 10th. A strong cold front had shifted southwest into the eastern plains of New Mexico prior to the arrival of the upper level wave. Areas of freezing fog, light snow, and cold temperatures impacted eastern New Mexico behind the front. Meanwhile, another cold front in association with the upper level wave crossed into northwestern New Mexico and helped force a well-defined band of snow into the northern and western high terrain during the late evening hours of the 11th. The two fronts merged along the central mountain chain before shifting southward into southern New Mexico. The combination of cold temperatures and light snow along the Interstate 25 corridor produced severe travel conditions between Colmor and Las Vegas. Icy conditions along the Interstate 40 corridor near Gallup produced a motor vehicle accident that briefly shut down the highway. The east slope of the Sangre de Cristo Mountains benefited the most out of this system with snowfall amounts of six to nine inches.

(NM-Z514) SOUTHERN SANGRE DE CRISTO MOUNTAINS ABOVE 9500 FEET

| | | |
|--------------------|---|------------|
| 02/14/18 18:00 MST | 0 | Heavy Snow |
| 02/15/18 16:00 MST | 0 | |

(NM-Z526) SOUTH CENTRAL MOUNTAINS, (NM-Z540) SOUTHWEST CHAVES COUNTY

| | | |
|--------------------|---|-----------------------|
| 02/14/18 23:00 MST | 0 | High Wind (MAX 57 kt) |
| 02/15/18 12:15 MST | 0 | |

A slow-moving upper level wave over southern California spread a deep tap of sub-tropical moisture northeastward into the southwest United States. This system delivered the most significant precipitation to New Mexico in over four months. Rain developed quickly over southeastern Arizona early on the 14th then spread into much of central and western New Mexico through the 14th and 15th. Temperatures were warm ahead of this system forcing snow levels above 7,000 feet. Widespread precipitation amounts between one half inch and one inch were reported along and west of the Central Mountain Chain. Snowfall totals between six and 10 inches were

Storm Data and Unusual Weather Phenomena - February 2018

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

common across the higher terrain. This event was significant enough to knock the driest start to a water year to fifth place at the Albuquerque Sunport. Strong winds also accompanied this system across the south central high terrain. Ruidoso reported a peak wind gust to 66 mph and the Dunken area hit 60 mph.

(NM-Z501) NORTHWEST PLATEAU, (NM-Z505) WEST CENTRAL PLATEAU, (NM-Z513) NORTHERN SANGRE DE CRISTO MOUNTAINS ABOVE 9500 FEET/RED RIVER, (NM-Z521) SANDIA/MANZANO MOUNTAINS, (NM-Z523) CENTRAL HIGHLANDS, (NM-Z524) SOUTH CENTRAL HIGHLANDS, (NM-Z526) SOUTH CENTRAL MOUNTAINS, (NM-Z528) FAR NORTHEAST HIGHLANDS, (NM-Z539) EASTERN LINCOLN COUNTY

| | | |
|--------------------|-----|-----------------------|
| 02/18/18 18:00 MST | 50K | High Wind (MAX 73 kt) |
| 02/20/18 15:00 MST | 0 | |

(NM-Z503) FAR NORTHWEST HIGHLANDS

| | | |
|--------------------|---|--------------|
| 02/19/18 06:00 MST | 0 | Winter Storm |
| 02/20/18 00:00 MST | 0 | |

An upper level low pressure system approaching from the Great Basin combined with deepening surface low pressure over eastern New Mexico on the 18th. Strong southwest winds spread over the entire area by late in the afternoon and continue over much of the region through the 19th. Powerful wind gusts were reported in many areas with speeds topping out between 60 mph and 80 mph for an extended period of time around the higher terrain. Snow also developed with this system as moisture arrived beneath the upper level low pressure system. Snow showers first developed over the northern and western high terrain by late in the day on the 18th then gradually increased in coverage and intensity while moving slowly eastward toward the central mountain chain through the 19th. The heaviest snowfall impacted the area along the Continental Divide where roughly 2 to 6 inches was reported from near Quemado to Cuba. The Sangre de Cristo Mountains also picked up another 4 to 10 inches along with blowing snow. This system brought the second latest measurable snowfall to the Albuquerque Sunport with three tenths of an inch on February 20th.

(NM-Z503) FAR NORTHWEST HIGHLANDS, (NM-Z510) SAN JUAN MOUNTAINS

| | | |
|--------------------|---|------------|
| 02/21/18 18:00 MST | 0 | Heavy Snow |
| 02/22/18 15:00 MST | 0 | |

(NM-Z526) SOUTH CENTRAL MOUNTAINS

| | | |
|--------------------|---|-----------------------|
| 02/22/18 12:50 MST | 0 | High Wind (MAX 50 kt) |
| 02/22/18 13:40 MST | 0 | |

A progressive weather pattern across the western United States continued to provide regular bouts of winter weather over northern and western New Mexico. An upper level wave that moved quickly east from Arizona spread snow and wind along the Continental Divide and the northern mountains of New Mexico. Snowfall amounts averaged three to six inches between Gallup and Grants northeastward toward Cuba. The greatest amounts focused from near Dulce to Chama and within the high terrain of the Sangre de Cristo Mountains where six to 10 inches was reported. Difficult travel conditions were reported in many of these areas. The five inches reported at Dulce was the greatest 24-hour snowfall amount so far for the winter season. Strong winds were reported around the Ruidoso area once again as this storm system pulled eastward into the Great Plains.

(NM-Z523) CENTRAL HIGHLANDS, (NM-Z526) SOUTH CENTRAL MOUNTAINS

| | | |
|--------------------|---|-----------------------|
| 02/24/18 08:30 MST | 0 | High Wind (MAX 54 kt) |
| 02/24/18 12:15 MST | 0 | |

A strong cold front that raced southeast across New Mexico during the predawn hours forced strong winds in its wake. The strongest winds occurred from near Clines Corners southward toward Capitan where sustained winds over 40 mph and gusts near 60 mph were reported. The remainder of the region saw winds gusting between 40 and 50 mph. Temperatures were 10 to 20 degrees below normal over the entire area with low humidity behind the front.

(NM-Z526) SOUTH CENTRAL MOUNTAINS

| | | |
|--------------------|---|----------|
| 02/26/18 12:00 MST | 0 | Wildfire |
| 02/26/18 14:00 MST | 0 | |

The combination of southwest winds, extremely low humidity, and very dry fuels set the stage for elevated fire danger across much of New Mexico. Emergency management in Lincoln County reported that a wildfire started shortly after the noon hour near Capitan. The fire spread very quickly through grassy fuels to a size of 30 acres. One home and an outbuilding were destroyed. The Red Cross was working with the family and emergency management to assist the family with their losses. No injuries or fatalities occurred.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|------------------------|
| (NM-Z401) UPPER GILA RIVER VALLEY, (NM-Z402) SOUTHERN GILA HIGHLANDS/BLACK RANGE, (NM-Z408) EASTERN BLACK RANGE FOOTHILLS, (NM-Z409) SIERRA COUNTY LAKES, (NM-Z412) CENTRAL TULAROSA BASIN | | | | |
| | 02/01/18 00:00 MST | | 0 | Drought |
| | 02/28/18 23:59 MST | | 0 | |

Even though precipitation across the area was above normal, most of it fell with one storm during the middle of the month. As a result, drought conditions increased in coverage across Southern New Mexico during the month of February.

| | | | | |
|---|--------------------|--|---|---------|
| (NM-Z403) SOUTHERN GILA FOOTHILLS/MIMBRES VALLEY, (NM-Z404) SOUTHWEST DESERT/LOWER GILA RIVER VALLEY, (NM-Z414) WEST SLOPES SACRAMENTO MOUNTAINS BELOW 7500 FEET, (NM-Z415) SACRAMENTO MOUNTAINS ABOVE 7500 FEET, (NM-Z416) EAST SLOPES SACRAMENTO MOUNTAINS BELOW 7500 FEET | | | | |
| | 02/13/18 12:00 MST | | 0 | Drought |
| | 02/28/18 23:59 MST | | 0 | |

Even though precipitation across the area was above normal, most of it fell with one storm during the middle of the month. Severe drought conditions were pushed south and east into Sierra and Otero Counties.

| | | | | |
|---|--------------------|--|---|-----------------------|
| (NM-Z411) SOUTHERN DONA ANA COUNTY/MESILLA VALLEY, (NM-Z412) CENTRAL TULAROSA BASIN, (NM-Z413) SOUTHERN TULAROSA BASIN | | | | |
| | 02/19/18 12:00 MST | | 0 | High Wind (MAX 71 kt) |
| | 02/20/18 08:00 MST | | 0 | |

A strong upper low was moving through the Great Basin with southwest flow ahead of it with close to a 100 knot jet. A deep surface low was located over eastern Colorado with a tight pressure gradient across the region helped to produce wind gusts up to 82 mph.

NEW MEXICO, Southeast

| | | | | |
|---|--------------------|--|---|-----------------------|
| (NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY | | | | |
| | 02/15/18 05:00 MST | | 0 | High Wind (MAX 50 kt) |
| | 02/15/18 11:00 MST | | 0 | |

An upper level trough will approach the region Thursday, resulting high winds mixing down to the surface in the Guadalupe Mountains.

| | | | | |
|---|--------------------|--|---|-----------------------|
| (NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY | | | | |
| | 02/24/18 11:13 MST | | 0 | High Wind (MAX 50 kt) |
| | 02/24/18 13:13 MST | | 0 | |

A strong upper level storm system will move across the central Rockies and central Plains later today and Saturday. Strong winds will develop in the Guadalupe Mountains as this system passes by to the north.

| | | | | |
|---|--------------------|--|---|-----------------------|
| (NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY | | | | |
| | 02/28/18 18:00 MST | | 0 | High Wind (MAX 50 kt) |
| | 02/28/18 21:00 MST | | 0 | |

As a strong jet stream and an associated Pacific front passes through the area, west winds will become strong in the Guadalupe Mountains.

NEW YORK, Central

| | | | | |
|---|--------------------|--|---|------------|
| (NY-Z009) NORTHERN ONEIDA, (NY-Z036) MADISON, (NY-Z045) CHENANGO, (NY-Z046) OTSEGO, (NY-Z057) DELAWARE | | | | |
| | 02/04/18 04:00 EST | | 0 | Heavy Snow |
| | 02/04/18 21:00 EST | | 0 | |

An area of low pressure tracked across the Great Lakes on Sunday the 4th as another area of low pressure moved up the east coast reaching the New England coast by the early morning hours on the 5th. The low pressure over the Great Lakes eventually merged with the low moving up the east coast. This brought a widespread snow to a large part of north central New York from the early morning hours on the 4th to the evening of the 4th. Snowfall totals ranged from 6 to 12 inches with locally up to 17 inches.

| | | | | |
|--|--|--|--|--|
| (NY-Z009) NORTHERN ONEIDA, (NY-Z015) YATES, (NY-Z017) SOUTHERN CAYUGA, (NY-Z018) ONONDAGA, (NY-Z036) MADISON, (NY-Z037) | | | | |
|--|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|------------------------|
| SOUTHERN ONEIDA, (NY-Z044) CORTLAND, (NY-Z045) CHENANGO, (NY-Z046) OTSEGO, (NY-Z055) TIOGA, (NY-Z057) DELAWARE | | | | |
| | 02/07/18 07:00 EST | | 0 | Heavy Snow |
| | 02/07/18 19:00 EST | | 0 | |

Low pressure tracked from the Tennessee Valley early on the 7th to the New Jersey coast by the late afternoon of the 7th to off the New England coast by the late evening. This low brought a heavy snow to a large part of central New York on the 7th. Snowfall totals ranged from 5 to 12 inches over many locations in central New York.

NEW YORK, Coastal

| | | | | |
|---|--------------------|--|---|----------------|
| (NY-Z067) ORANGE, (NY-Z072) NEW YORK (MANHATTAN) | | | | |
| | 02/07/18 08:00 EST | | 0 | Winter Weather |
| | 02/07/18 19:00 EST | | 0 | |

A wave of low pressure developed across the southeastern states and tracked towards the northeast on February 7, 2018. The low brought mainly light snow and some light freezing rain. The low pressure tracked a long a warm front which lifted across portions of the region helping to change any snow to freezing rain.

| | | | | |
|--|--------------------|--|---|----------------|
| (NY-Z067) ORANGE, (NY-Z072) NEW YORK (MANHATTAN), (NY-Z073) BRONX, (NY-Z075) KINGS (BROOKLYN), (NY-Z078) NORTHWEST SUFFOLK, (NY-Z176) NORTHERN QUEENS, (NY-Z177) NORTHERN NASSAU, (NY-Z179) SOUTHERN NASSAU | | | | |
| | 02/17/18 17:00 EST | | 0 | Winter Weather |
| | 02/18/18 03:00 EST | | 0 | |

| | | | | |
|---|--------------------|--|---|------------|
| (NY-Z068) PUTNAM, (NY-Z069) ROCKLAND, (NY-Z070) NORTHERN WESTCHESTER, (NY-Z071) SOUTHERN WESTCHESTER | | | | |
| | 02/17/18 17:00 EST | | 0 | Heavy Snow |
| | 02/18/18 04:00 EST | | 0 | |

A low pressure developed along a frontal boundary along the southeast coast on the evening of Saturday, February 17, 2018. This low gradually became better organized as it moved up the coast towards the 40°N/70°W benchmark early Sunday, February 18, 2018. This system brought heavy snow to portions of the Lower Hudson Valley and light to moderate snow across the New York City Metropolitan and western Long Island.

NEW YORK, East

| | | | | |
|---|--------------------|--|---|------------|
| (NY-Z032) NORTHERN HERKIMER, (NY-Z033) HAMILTON, (NY-Z038) SOUTHERN HERKIMER, (NY-Z041) NORTHERN SARATOGA, (NY-Z042) NORTHERN WARREN, (NY-Z043) NORTHERN WASHINGTON, (NY-Z082) NORTHERN FULTON | | | | |
| | 02/04/18 07:00 EST | | 0 | Heavy Snow |
| | 02/05/18 00:00 EST | | 0 | |

| | | | | |
|--|--------------------|--|---|----------------|
| (NY-Z039) SOUTHERN FULTON, (NY-Z040) MONTGOMERY, (NY-Z047) SCHOHARIE, (NY-Z048) WESTERN SCHENECTADY, (NY-Z050) SOUTHERN SARATOGA, (NY-Z051) WESTERN ALBANY, (NY-Z058) WESTERN GREENE, (NY-Z063) WESTERN ULSTER, (NY-Z084) SOUTHERN WASHINGTON | | | | |
| | 02/04/18 07:00 EST | | 0 | Winter Weather |
| | 02/05/18 00:00 EST | | 0 | |

A complex storm system brought widespread moderate to heavy snowfall mainly north and west of the Capital Region with a mixture of rain and snow with light accumulations south and east. Snow overspread the region during the morning, fell heavy at times during the afternoon and early evening and started to taper off from west to east in the late evening hours. Snowfall totals ranged from 6.0 to 15.0 inches across the Adirondacks, Mohawk Valley and the Lake George-Saratoga Region. For locations south and east of the Capital District, snowfall totals ranged from a trace to 5.0 inches.

| | | | | |
|---|--------------------|--|---|--------------|
| (NY-Z032) NORTHERN HERKIMER, (NY-Z033) HAMILTON, (NY-Z038) SOUTHERN HERKIMER, (NY-Z039) SOUTHERN FULTON, (NY-Z040) MONTGOMERY, (NY-Z041) NORTHERN SARATOGA, (NY-Z042) NORTHERN WARREN, (NY-Z043) NORTHERN WASHINGTON, (NY-Z047) SCHOHARIE, (NY-Z048) WESTERN SCHENECTADY, (NY-Z049) EASTERN SCHENECTADY, (NY-Z050) SOUTHERN SARATOGA, (NY-Z051) WESTERN ALBANY, (NY-Z082) NORTHERN FULTON, (NY-Z083) SOUTHEAST WARREN, (NY-Z084) SOUTHERN WASHINGTON | | | | |
| | 02/07/18 07:00 EST | | 0 | Winter Storm |
| | 02/08/18 20:00 EST | | 0 | |

| | | | | |
|--|--|--|--|--|
| (NY-Z052) EASTERN ALBANY, (NY-Z053) WESTERN RENSSELAER, (NY-Z054) EASTERN RENSSELAER, (NY-Z058) WESTERN GREENE, (NY-Z059) | | | | |
|--|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|--------------------------------|
| EASTERN GREENE, (NY-Z060) WESTERN COLUMBIA, (NY-Z061) EASTERN COLUMBIA, (NY-Z063) WESTERN ULSTER, (NY-Z064) EASTERN ULSTER, (NY-Z065) WESTERN DUTCHESS, (NY-Z066) EASTERN DUTCHESS | | | | |
| | 02/07/18 07:00 EST | | 0 | Winter Weather |
| | 02/07/18 22:00 EST | | 0 | |
| <p>A winter storm brought mixed wintry precipitation to the region. Precipitation began as snow during the morning hours but changed to a mix of sleet, freezing rain and snow during the afternoon hours, mixing as far north as the town of Schenectady. Precipitation transitioned back to snow during the evening hours before exiting the region northwest to southeast. Snowfall and sleet totals ranged from 1 inch to 12 inches, with the higher totals generally north and west of the Greater Capital District.</p> | | | | |
| SCHENECTADY COUNTY --- 0.9 SE SCOTIA [42.82, -73.96], 0.8 SE SCOTIA [42.82, -73.96], 0.9 SE SCOTIA [42.82, -73.96], 0.9 SE SCOTIA [42.82, -73.96] | | | | |
| | 02/21/18 04:00 EST | | 1K | Flood (due to Ice Jam) |
| | 02/22/18 22:00 EST | | 0 | Source: Emergency Manager |
| <p>Water backed up into the Jumpin Jacks parking lot due to an ice jam located at Freemans Bridge.</p> | | | | |
| SCHENECTADY COUNTY --- 1.4 ESE SCOTIA [42.82, -73.94], 1.3 SE SCOTIA [42.82, -73.95], 1.4 ESE SCOTIA [42.82, -73.95], 1.4 ESE SCOTIA [42.82, -73.95], 1.5 ESE SCOTIA [42.82, -73.94] | | | | |
| | 02/21/18 04:00 EST | | 1K | Flood (due to Ice Jam) |
| | 02/22/18 16:00 EST | | 0 | Source: Emergency Manager |
| <p>Flooding occurred in the Stockade neighborhood of Schenectady from an ice jam.</p> | | | | |
| SCHENECTADY COUNTY --- 0.9 NE ALPLAUS [42.86, -73.91], 0.9 S GLENRIDGE [42.86, -73.90], 1.1 S GLENRIDGE [42.85, -73.90], 0.8 ENE ALPLAUS [42.85, -73.91] | | | | |
| | 02/21/18 15:00 EST | | 1K | Flood (due to Ice Jam) |
| | 02/22/18 16:00 EST | | 0 | Source: Broadcast Media |
| <p>There was backwater flooding along Alplaus Kill from the Mohawk River Ice Jam. Location was estimated.</p> | | | | |
| SCHENECTADY COUNTY --- 1.2 SSE SCOTIA GAY VLY ARPT [42.85, -74.03], 0.9 WSW WYATTS [42.85, -74.02], 0.6 WSW WYATTS [42.84, -74.01], 0.6 WSW WYATTS [42.85, -74.01], 0.8 SSE SCOTIA GAY VLY ARPT [42.86, -74.03], 0.8 S SCOTIA GAY VLY ARPT [42.86, -74.03] | | | | |
| | 02/22/18 05:00 EST | | 1K | Flood (due to Ice Jam) |
| | 02/22/18 10:00 EST | | 0 | Source: Department of Highways |
| <p>All lanes of Route 5S E/W from NY-890 ramps to Mabie Lane were closed due to flooding from an ice jam.</p> | | | | |
| WARREN COUNTY --- 2.6 SE ATHOL [43.48, -73.83], 3.1 ESE ATHOL [43.48, -73.82], 2.6 WNW WARRENSBURG [43.49, -73.80], 3.3 ENE ATHOL [43.53, -73.81] | | | | |
| | 02/22/18 11:00 EST | | 1K | Flood (due to Ice Jam) |
| | 02/23/18 11:00 EST | | 0 | Source: Emergency Manager |
| <p>Emergency management reported flooding of River Road in the vicinity of Snack Rock on the Hudson River.</p> | | | | |
| <p>A large ice jam remained in place on the Mohawk River for much of the month of February and was one of the biggest ice jam seen in decades, according to Union College professor John Garver. The ice jam stretched up to 17 miles from Rexford to Crane Hollow throughout the month in February. The ice jam mainly remained in place into late February and received a large amount of media and government attention. Albany County was concerned about impacts downstream if the jam were to give way quickly. Temperatures skyrocketing into the 60s and 70s on February 20-21 coupled with around 0.50-1.00" rainfall on the 19th over the Mohawk basin allowed river levels to rise and flooding occurred by the 21st within the Stockade neighborhood of Schenectady and across the river in Scotia, as well as backwater flooding of the Alplaus Kill. A substantial portion of the ice jam gave way during the early morning hours of the 22nd, leading to concern for flooding in the downstream communities, but it turned out that impacts were minimal. There were some road closures in the Rotterdam Junction and Schenectady area due to the ice jam movement and breakage. The remainder of the jam gradually broke up over the next week or so with little impact.</p> | | | | |
| NEW YORK, North | | | | |
| (NY-Z026) NORTHERN ST. LAWRENCE, (NY-Z087) SOUTHWESTERN ST. LAWRENCE | | | | |
| | 02/07/18 08:00 EST | | 10K | Winter Weather |
| | 02/07/18 16:00 EST | | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|------------------------|
| (NY-Z027) NORTHERN FRANKLIN, (NY-Z028) EASTERN CLINTON, (NY-Z029) SOUTHEASTERN ST. LAWRENCE, (NY-Z030) SOUTHERN FRANKLIN, (NY-Z031) WESTERN CLINTON, (NY-Z034) WESTERN ESSEX, (NY-Z035) EASTERN ESSEX | | | | |
| | 02/07/18 08:00 EST | | 70K | Winter Storm |
| | 02/07/18 18:00 EST | | 0 | |

Low pressure moved from the Tennessee valley across southern New England on February 7th. It was a quick but potent system with duration of 6 to 8 hours and snowfall rates of an inch or more for several hours. Snowfall accumulations of 5 to 10 inches were observed across much of northern New York.

| | | | | |
|---|--------------------|--|-------|------------------------------|
| FRANKLIN COUNTY --- 2.1 WNW FT COVINGTON [44.99, -74.51], 0.9 WSW FT COVINGTON [44.97, -74.49], 0.9 NW FT COVINGTON CENTER [44.96, -74.44], 1.2 SW WESTVILLE CENTER [44.94, -74.39], 0.5 SW WESTVILLE CENTER [44.95, -74.39], 2.2 WNW WESTVILLE [44.98, -74.42], 1.9 NW FT COVINGTON [45.00, -74.50] | | | | |
| | 02/21/18 12:16 EST | | 0.10M | Flash Flood (due to Ice Jam) |
| | 02/21/18 15:58 EST | | 0 | Source: Emergency Manager |

An ice jam formed in the Little Salmon River in Fort Covington in January and remained in place through February. In late February the combination of record warmth, rainfall, and rapid snow melt caused significant rises on the little Salmon River which was already jammed from January. At 1216pm notification was passed along that water evacuations were being performed which necessitated the upgrade from an areal flood warning to a flash flood warning in coordination with local emergency management.

An ice jam formed in the Little Salmon River in Fort Covington in January and remained in place through February. In late February the combination of record warmth, rainfall, and rapid snow melt caused significant rises on the little Salmon River which was already jammed from January. This caused flooding of the town of Fort Covington and evacuations were performed.

NEW YORK, West

| | | | | |
|---|--------------------|--|-------|------------------|
| (NY-Z004) WAYNE, (NY-Z005) NORTHERN CAYUGA, (NY-Z006) OSWEGO, (NY-Z007) JEFFERSON, (NY-Z008) LEWIS | | | | |
| | 02/02/18 03:00 EST | | 0.12M | Lake-Effect Snow |
| | 02/03/18 15:30 EST | | 0 | |

After a strong cold front crossed the lower Great Lakes early on the morning of February 2nd, a cold, northwest flow across Lake Ontario with an upstream lake connection generated bands of lake effect snow along the south shore of Lake Ontario from Niagara to Oswego counties. The most robust lake effect snow band hugged the Lake Ontario shoreline, coming inland near Sodus and extended east-southeastward through Wolcott to north of Syracuse. Very intense snowfall was observed within a narrow corridor under this band, with a New York State Mesonet near Wolcott picking up over 9 inches of snow in just 3 hours, while a trained spotter in Wolcott reported a total of 14 inches occurring in just under 5 hours. This maximum in snowfall extended southeastward in Cayuga County, with 6 to 12 inches reported near Cato and Ira in northern Cayuga county. Outside of this localized area of heavy snow, amounts quickly dropped off to just 2 to 5 inches across much of Wayne and Cayuga counties. A shortwave passage mid-morning on February 2nd disrupted the initial band of heavy lake effect snow southeast of Lake Ontario, breaking it apart into weak multi-banded snow showers through the rest of the day. The low-level flow again became well aligned with the long lake axis of Lake Ontario late Friday night through Saturday. A lake effect band moved from near Cayuga County Friday evening, quickly across central Oswego County before centering across the central and southern portions of the Tug Hill early Saturday morning. By Saturday afternoon, the flow continued to back around to the southwest pushing the heavy snow northward across central and even northern portions of Jefferson county, including the Watertown area. This second blast of heavy lake effect snow with this event not only resulted in another maximum in snowfall across the typical snow belt of the central Tug Hill, where just over a foot and a half fell, but also spread respectable snowfall accumulations northward into the Watertown area where up to 10 inches fell through Saturday afternoon. Specific snowfall totals included: 19 inches at Redfield; 15 inches at Hooker; 14 inches at Wolcott; 12 inches at Lacona; 11.5 inches at Ira; 10 inches at Watertown; 8 inches Natural Bridge and Harrisburg; and 7 inches at Cato.

| | | | | |
|---|--------------------|--|-----|------------------|
| (NY-Z006) OSWEGO, (NY-Z007) JEFFERSON, (NY-Z008) LEWIS | | | | |
| | 02/08/18 12:00 EST | | 60K | Lake-Effect Snow |
| | 02/09/18 10:30 EST | | 0 | |

Lake effect snow developed under a cold, northwest flow. Initially weak multi-banded lake effect snows developed southeast of the lakes, however, by Thursday afternoon and evening, the lake effect snow organized into a singular band as winds backed to the west and aligned with the long fetch of Lake Ontario. The lake effect intensified bringing the heaviest snows to the typical Tug Hill Plateau region through Thursday night. By Friday morning, decreasing winds allowed the band of heavy lake effect snow to retreat toward the Lake Ontario shoreline of northern Oswego and southern Jefferson County. While typical locations in the central Tug Hill picked up significant accumulations, about 15 inches, the highest totals came across the lower elevations of southern Jefferson County near Lorraine and Mannsville where about 21 inches were tallied. Other snowfall reports included: 15 inches at Redfield; 14 inches at Copenhagen; and 10 inches at Hooker.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|------------------------|
| (NY-Z010) NORTHERN ERIE, (NY-Z019) CHAUTAUQUA | | | | |
| | 02/25/18 08:55 EST | | 35K | High Wind (MAX 56 kt) |
| | 02/25/18 12:00 EST | | 0 | |

Strengthening low pressure moved from Lake Superior today to Hudson Bay and brought strong to damaging winds to parts of western New York. A peak gust of 64 mph was recorded in Fredonia while winds gusted to 53 mph at the Buffalo Airport. Scattered power outages were reported as the winds brought down power lines in some areas. Trees were reported down in Lancaster, Grand Island and Bowmansville.

NORTH CAROLINA, Northwest and North Central

SURRY COUNTY --- 1.2 W TOAST [36.50, -80.65]

| | | |
|--------------------|---|-----------------------|
| 02/10/18 07:00 EST | 0 | Heavy Rain |
| 02/11/18 07:00 EST | 0 | Source: COOP Observer |

The COOP observer at Mt. Airy had a 24-hour total of 2.67 inches for the 24-hour period ending at 7 AM on the 11th. This was the 2nd highest daily rainfall total during the month of February at this location since records began in 1893.

WILKES COUNTY --- 1.2 S NORTH WILKESBORO [36.16, -81.15]

| | | |
|--------------------|---|-----------------------|
| 02/10/18 07:00 EST | 0 | Heavy Rain |
| 02/11/18 07:00 EST | 0 | Source: COOP Observer |

The COOP observer at North Wilkesboro had a 24-hour total of 2.87 inches for the 24-hour period ending at 7 AM on the 11th. This was the 4th highest daily rainfall total during the month of February at this location since records began in 1921.

WILKES COUNTY --- 2.7 S BUCK [36.13, -81.23]

| | | |
|--------------------|---|-----------------------|
| 02/10/18 07:00 EST | 0 | Heavy Rain |
| 02/11/18 07:00 EST | 0 | Source: COOP Observer |

The COOP observer at W. Kerr Scott Dam had a 24-hour total of 3.08 inches for the 24-hour period ending at 7 AM on the 11th. This was the 4th highest daily rainfall total during the month of February at this location since records began in 1965.

WILKES COUNTY --- 0.8 WNW ELKIN [36.25, -80.86], 0.6 SW ELKIN [36.24, -80.86], 0.5 SW ELKIN [36.25, -80.86], 0.7 WNW ELKIN [36.25, -80.86]

| | | |
|--------------------|---|---------------------------|
| 02/10/18 17:00 EST | 0 | Flood (due to Heavy Rain) |
| 02/11/18 03:00 EST | 0 | Source: Newspaper |

Big Elkin Creek flooded parts Elkin City Park. The Elkin River at Elkin (ELKN7) crested at 17.35 feet, just below Minor flood stage of 18 feet.

A broad upper level trough with a slow-moving frontal boundary extending from Texas to upstate New York brought an extended period of mainly light to moderate rainfall that began on the afternoon of the 10th and persisted well into the evening of the 11th. Storm total rainfall amounts ranged from 1.5 to 3 inches across parts of northwest North Carolina.

NORTH CAROLINA, Southwest

| | | | | |
|---|--------------------|--|---|----------------|
| (NC-Z033) AVERY, (NC-Z035) ALEXANDER, (NC-Z036) IREDELL, (NC-Z037) DAVIE, (NC-Z049) YANCEY, (NC-Z050) MITCHELL, (NC-Z053) BUNCOMBE, (NC-Z056) CATAWBA, (NC-Z057) ROWAN, (NC-Z064) TRANSYLVANIA, (NC-Z065) HENDERSON, (NC-Z068) CLEVELAND, (NC-Z069) LINCOLN, (NC-Z070) GASTON, (NC-Z071) MECKLENBURG, (NC-Z072) CABARRUS, (NC-Z501) CALDWELL MOUNTAINS, (NC-Z502) GREATER CALDWELL, (NC-Z503) BURKE MOUNTAINS, (NC-Z504) GREATER BURKE, (NC-Z505) MCDOWELL MOUNTAINS, (NC-Z506) EASTERN MCDOWELL, (NC-Z507) RUTHERFORD MOUNTAINS, (NC-Z508) GREATER RUTHERFORD, (NC-Z509) POLK MOUNTAINS, (NC-Z510) EASTERN POLK | | | | |
| | 02/04/18 04:00 EST | | 0 | Winter Weather |
| | 02/04/18 12:00 EST | | 0 | |

As a wave of low pressure developed and moved along a stationary front over the Deep South, moisture spread into western North Carolina during the early morning hours of the 4th. The precipitation began as a mixture of rain, sleet, and snow in many areas. While some light accumulation of sleet and snow was reported across the mountain valleys, all areas except for the high peaks and ridge tops transitioned to freezing rain by mid-morning. Most of any measurable ice was reported in the Piedmont and foothills, where amounts of .1 to .2 inch were common. Due to temperatures hovering right around freezing, roads generally remained wet, and ice accretion was primarily confined to elevated surfaces and vegetation. Meanwhile, snowfall of 5-7 inches was reported above about 5000 feet.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------|
| TRANSYLVANIA COUNTY --- 0.6 ENE CALHOUN [35.25, -82.64], 0.4 ENE CALHOUN [35.25, -82.64], 0.6 SE CALHOUN [35.24, -82.64], 0.8 WNW GRANGE [35.23, -82.64], 0.5 NW GRANGE [35.23, -82.64], 0.8 ESE CALHOUN [35.25, -82.64] | | | | |
| | 02/11/18 05:00 EST | | 0.50K | Flood (due to Heavy Rain) |
| | 02/12/18 03:00 EST | | 0 | Source: River/Stream Gage |
| <p>A stream gauge on the Little River near Penrose exceeded its established flood stage after more than 2 inches of rain fell across the basin in less than 12 hours. Total rainfall of 3 to 5 inches fell across the area on the 11th and 12th and the river stayed above flood stage for almost 24 hours. Minor river flooding also occurred along the French Broad River near Blantyre from the 11th through the 14th.</p> | | | | |
| BURKE COUNTY --- 1.9 E CHESTERFIELD [35.83, -81.64] | | | | |
| | 02/11/18 10:30 EST | | 0.50K | Heavy Rain |
| | 02/11/18 12:00 EST | | 0 | Source: Emergency Manager |
| <p>Em reported the bridge over Lower Creek on Antioch Rd was flooded and briefly closed after more than 2 inches of rain fell in around 12 hours.</p> <p>Moderate to heavy rain developed across the western Carolinas within an unseasonably warm and moist air mass ahead of a cold front. Widespread rainfall amounts of 3 to 5 inches were reported along and near the Blue Ridge escarpment, which resulted in some minor flooding in the upper French Broad basin.</p> | | | | |
| NORTH DAKOTA, Central and West | | | | |
| (ND-Z040) SLOPE, (ND-Z043) BOWMAN | | | | |
| | 02/08/18 06:00 CST | | 0 | Heavy Snow |
| | 02/08/18 22:00 CST | | 0 | |
| <p>A short wave trough moving through the region resulted in snow developing over western North Dakota. The heaviest snow, up to seven inches, fell over parts of far southwest North Dakota.</p> | | | | |
| NORTH DAKOTA, East | | | | |
| (ND-Z027) GRAND FORKS, (ND-Z029) STEELE, (ND-Z030) TRAILL | | | | |
| | 02/18/18 05:40 CST | | 0 | Heavy Snow |
| | 02/18/18 12:59 CST | | 0 | |
| <p>Surface low pressure tracked across South Dakota on the morning of February 18th, then moved to just north of the Twin Cities in Minnesota by the early evening. An area of snow over north central South Dakota in the early morning hours spread east-northeast, eventually setting up in an east-west band from New Rockford to Hillsboro to Bemidji. There were intense snow rates within this band through the remainder of the morning into the afternoon. Snow totals ranged from 6 to 15 inches along this corridor.</p> | | | | |
| OHIO, East | | | | |
| (OH-Z039) TUSCARAWAS, (OH-Z040) CARROLL, (OH-Z041) COLUMBIANA | | | | |
| | 02/07/18 02:00 EST | | 0 | Heavy Snow |
| | 02/07/18 13:00 EST | | 0 | |
| (OH-Z048) COSHOCTON | | | | |
| | 02/07/18 02:00 EST | | 0 | Winter Weather |
| | 02/07/18 13:00 EST | | 0 | |
| (OH-Z049) HARRISON, (OH-Z050) JEFFERSON, (OH-Z057) MUSKINGUM, (OH-Z058) GUERNSEY, (OH-Z059) BELMONT, (OH-Z068) NOBLE, (OH-Z069) MONROE | | | | |
| | 02/07/18 02:00 EST | | 0 | Winter Storm |
| | 02/07/18 15:00 EST | | 0 | |

Low pressure moved up the western side of the Appalachians Tuesday night, February 6th into the morning hours of Wednesday,

Storm Data and Unusual Weather Phenomena - February 2018

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

February 7th. Initially the precipitation started as snow across the upper Ohio Valley. As the warm air surged north, precipitation type changed to a wintry mix of sleet and freezing rain. Locations in northern West Virginia and southwestern Pennsylvania changed over to rain with temperatures climbing into the upper 30s to lower 40s. Eastern Ohio, the northern West Virginia Panhandle, and locations from central Beaver county, northeast into southern Jefferson county, Pennsylvania switched over to freezing rain. Ice accumulation was around a quarter of an inch for these places. Farther north along the I-80 corridor and parts of interior southeastern Ohio, cold air remained socked in, keeping the precipitation all snow. Several inches of snow fell with the highest amounts located across parts of northern Butler county northeast into Clarion, Jefferson, and Forest counties. For eastern Ohio, Columbiana, Carroll, southwest into Coshocton county around six inches of snow fell.

BELMONT COUNTY --- 0.9 NW BARTON [40.11, -80.84], 1.2 SE CRESCENT [40.11, -80.86], 0.8 WSW BARTON [40.10, -80.85], 0.3 NW BARTON [40.10, -80.83]

| | | |
|--------------------|---|---------------------------|
| 02/15/18 19:24 EST | 0 | Flood (due to Heavy Rain) |
| 02/16/18 18:00 EST | 0 | Source: Emergency Manager |

Emergency manager reported that Wheeling Creek was flooding the town of Barton.

COSHOCTON COUNTY --- 1.6 E TYNDALL [40.22, -81.85], 1.9 S COSHOCTON [40.24, -81.86], 1.9 N TYNDALL [40.25, -81.89], 1.5 NE WILLOWBROOK [40.23, -81.91]

| | | |
|--------------------|---|---------------------------|
| 02/16/18 16:50 EST | 0 | Flood (due to Heavy Rain) |
| 02/16/18 18:50 EST | 0 | Source: Emergency Manager |

Emergency manager reported that County Road 6 was partially flooded in places. In addition, Lambert Road is flooded with up to 2 feet of water.

Waves of heavy rain produced flooding on February 15th through the 16th. A line of thunderstorms developed along a lifting warm front, providing not only for enhancement in the rainfall totals, which ranged from 1-3 inches, but also attributed to shear that supported the development of a short-lived tornado over Uniontown, in Fayette county Pennsylvania. This was the first tornado in February since 1950 for the Pittsburgh Weather Service area of responsibility.

NOBLE COUNTY --- 0.3 WSW DEXTER CITY [39.65, -81.48], 0.4 ESE DEXTER CITY [39.65, -81.46], 1.3 SE CALDWELL [39.74, -81.50], 0.6 SSW CALDWELL [39.74, -81.52], 1.3 S DUDLEY [39.68, -81.50]

| | | |
|--------------------|---|--------------------------------|
| 02/22/18 08:40 EST | 0 | Flood (due to Heavy Rain) |
| 02/22/18 16:00 EST | 0 | Source: Department of Highways |

State department of highways reported high water along State Route 821 in both directions between the Washington County line and junction of State Route 78.

NOBLE COUNTY --- 2.2 WSW BATESVILLE [39.91, -81.32], 0.2 WSW BATESVILLE [39.92, -81.28], 1.3 SSW BATESVILLE [39.90, -81.29], 0.7 NNW MT EPHRAIM [39.86, -81.42], 1.7 WSW SENERAVILLE RES [39.89, -81.41]

| | | |
|--------------------|---|--------------------------------|
| 02/22/18 08:40 EST | 0 | Flood (due to Heavy Rain) |
| 02/22/18 16:00 EST | 0 | Source: Department of Highways |

Department of highways reported flooding along State Route 147 between junction of State Route 566 and Batesville.

NOBLE COUNTY --- 3.6 N FLAG [39.73, -81.30], 3.9 E BERNE [39.75, -81.30], 1.0 ESE EAST UNION [39.77, -81.38], 1.0 S EAST UNION [39.76, -81.40], 1.6 ESE BERNE [39.74, -81.34]

| | | |
|--------------------|---|--------------------------------|
| 02/22/18 08:40 EST | 0 | Flood (due to Heavy Rain) |
| 02/22/18 16:00 EST | 0 | Source: Department of Highways |

Department of highways reported that State Route 724 was closed in both directions due to flooding between State Route 260 and State Route 145.

NOBLE COUNTY --- 1.5 ESE CALDWELL [39.75, -81.49], 1.2 NNE DUDLEY [39.72, -81.49], 1.5 SE HARRIETSVILLE [39.61, -81.33], 0.3 ENE ROAD FORK [39.67, -81.31]

| | | |
|--------------------|---|--------------------------------|
| 02/22/18 09:20 EST | 0 | Flood (due to Heavy Rain) |
| 02/22/18 16:00 EST | 0 | Source: Department of Highways |

Department of highways reported State Route 564 was closed in both direction due to flooding between junction of State Route 78 and State Route 145.

Over-saturated ground lead to another round of flooding on Feb 22nd, despite rainfall amounts generally under an inch. Several landslides were reported as well as basement flooding in addition to road closures.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------|
| KNOX COUNTY --- MT VERNON [40.40, -82.48], 1.0 W MT VERNON WYNKOOP AR [40.37, -82.52], 3.9 SSW MONROE MILLS [40.35, -82.40], 0.9 WSW MONROE MILLS [40.40, -82.39] | | | | |
| | 02/15/18 17:40 EST | | 25K | Flood (due to Heavy Rain) |
| | 02/16/18 12:00 EST | | 0 | Source: Emergency Manager |

Rainfall measured over 2.50" in Knox County produced flooding mainly south of Mt. Vernon and College Township on the evening of the 15th. The flooding resulted in multiple road closures. Route 661 was closed south of Mt. Vernon with about a foot of water flowing across it. Rt 62 east of Mt. Vernon closed with several inches of flowing water across it. Water rescues were conducted on Lower Gambier Road after the Kokosing River overflowed its banks. The road was closed most of the day on Friday the 16th as well. Stricker Road was closed due to washed out culverts. Stull and Sapp roads, and many other were closed.

An active and warm weather pattern in February produced widespread minor flooding across the area. Starting during the second week of February a blocking pattern developed keeping a warm ridge of high pressure over the eastern U.S. with a flow from the Gulf of Mexico into the Ohio River Valley. The heaviest rains fell near and along a quasi-stationary front that lingered between northern Indiana and over the Ohio River for about a two week period. Despite dodging the heaviest rain, the area received well above normal rainfall especially over southern and eastern counties including the Muskingum and Mahoning River basins. Though very wet, most of the area rivers were able to contain the streamflows with only minor impacts. Non-river flooding was most problematic in Knox County and portions of the upper Muskingum watershed. Numerous road closures were reported but no inundation of properties were reported.

Storm Data and Unusual Weather Phenomena - February 2018

Location

Date/Time

Deaths &
Injuries

Property &
Crop Dmg

Event Type and Details



Storm Data and Unusual Weather Phenomena - February 2018

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

Photo from Knox County EMA showing a water rescue on Lower Gambier Road which flooded as the Kokosing River came out of banks. Photo taken on 2/16/18.

| | | | |
|--|--------------------|---|---------------------------|
| MARION COUNTY --- WALDO [40.47, -83.08], 3.0 NE WALDO [40.50, -83.03], 3.3 SE WALDO [40.44, -83.04], 2.8 S WALDO [40.43, -83.09] | 02/25/18 16:00 EST | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 12:00 EST | 0 | Source: Emergency Manager |

An inch and a half of rain fell over Marion County on the 25th, which had been preceded by wet conditions prior to this event. The Delaware Reservoir located south of Waldo was experiencing high water levels. This allowed the Olentangy River and its tributaries to back up. Flooding of area roads resulted from this excessive water. Some of the roads in the area, including those flooded from the Scioto River, include Deadwood Rd between Essex Rd and Mt. Olive Agosta Rd, Marseilles Galion Rd W between Hillman Ford Rd, LaRue Green Camp Rd between SR 37 and Guthery Rd, Fairchild Rd at SR 746 Flooding in Waldo (Marion County) on the Brondige Run (tributary) on Gearhiser Road and Mt. Vernon Rd East(RT 86).

A warm and wet pattern continued through the end of February continuing and creating new flooding mainly over southern and eastern Ohio. The most notable flooding was along the Ohio River, however the headwaters of the Muskingum also experienced minor flooding conditions. Rainfall totals for the month were 200% of normal with areas in Knox and surrounding counties over six inches. A rain event on February 25th alone produced one to two inches of rain.

Storm Data and Unusual Weather Phenomena - February 2018

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



Flooding in Waldo Ohio (Marion County) on the Brondige Run (Olentangy tributary) on Gearhiser Road and Mt. Vernon Rd East. Photo Courtesy Mike Fogle.

OHIO, Northwest

(OH-Z015) PAULDING, (OH-Z016) PUTNAM, (OH-Z024) VAN WERT, (OH-Z025) ALLEN

| | | | |
|--------------------|---|--|----------------|
| 02/05/18 19:00 EST | 0 | | Winter Weather |
| 02/06/18 04:00 EST | 0 | | |

An Alberta Clipper produced a brief burst of snow late February 5th into the early morning hours of February 6th. Total snow accumulations generally ranged between 3 and 5 inches.

(OH-Z001) WILLIAMS

| | | | |
|--------------------|---|--|------------|
| 02/09/18 02:00 EST | 0 | | Heavy Snow |
| 02/09/18 14:00 EST | 0 | | |

(OH-Z002) FULTON

| | | | |
|--------------------|---|--|----------------|
| 02/09/18 02:00 EST | 0 | | Winter Weather |
| 02/09/18 14:00 EST | 0 | | |

Snow, heavy at times, accumulated to between 3 and 7 inches of snow across far northwest Ohio on February 9th creating hazardous travel conditions.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------|
| OHIO, Southeast | | | | |
| (OH-Z066) PERRY, (OH-Z067) MORGAN, (OH-Z075) ATHENS, (OH-Z084) VINTON | | | | |
| | 02/06/18 22:00 EST | | 10K | Winter Storm |
| | 02/07/18 12:00 EST | | 0 | |
| (OH-Z076) WASHINGTON, (OH-Z083) JACKSON, (OH-Z085) MEIGS, (OH-Z086) GALLIA, (OH-Z087) LAWRENCE | | | | |
| | 02/06/18 22:00 EST | | 0 | Winter Weather |
| | 02/07/18 12:00 EST | | 0 | |
| <p>A strong low pressure system moved through the middle Ohio River Valley on the 7th. North and west of this low, surface temperatures remained at or below freezing. This resulted in a period of freezing rain, sleet and snow. Ice accretion of 0.25 to 0.3 inches occurred in a strip across Vinton, Athens, Perry and Morgan County. Scattered power outages occurred across Perry and Morgan counties where the widespread icing brought down trees and power lines. There was a sharp line between the freezing rain/sleet, and where it was all snow. The far northwestern corner of Perry County got several inches of snow instead of the ice. Closer to the Ohio River, generally a light coating up to 0.2 inches of ice was measured through mid morning, before temperatures rose above freezing.</p> | | | | |
| ATHENS COUNTY --- 0.7 N ALBANY [39.24, -82.20], 2.9 NNW ALBANY [39.27, -82.23], 1.4 SE MINERAL [39.31, -82.25], 1.6 SSE MINERAL [39.30, -82.26], 1.0 WNW ALBANY [39.24, -82.22] | | | | |
| | 02/07/18 09:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/07/18 18:00 EST | | 0 | Source: Department of Highways |
| Flooding along Onion Creek and Rockcamp Creek closed a portion of State Route 681. | | | | |
| GALLIA COUNTY --- 2.3 S CADMUS [38.74, -82.43], 3.8 SW SAND FORK [38.68, -82.43], 3.5 SE SAND FORK [38.68, -82.34], 3.6 W CROWN CITY [38.60, -82.35], 1.3 WNW SWAN CREEK [38.61, -82.22], 1.3 S CHIPPER MILLS [38.75, -82.22] | | | | |
| | 02/07/18 09:00 EST | | 2K | Flood (due to Heavy Rain) |
| | 02/07/18 18:00 EST | | 0 | Source: Department of Highways |
| Multiple state routes in southern Gallia county were closed due to flooding. This included sections of State Route 218, where Indian Guyan Creek and Bullskin Creek overflowed their banks, and State Route 775 along Sand Fork. | | | | |
| ATHENS COUNTY --- 0.5 E CARBONDALE [39.38, -82.27], 1.0 S CARBONDALE [39.37, -82.28], 1.8 SSE CARBONDALE [39.36, -82.26], 1.1 E CARBONDALE [39.38, -82.26] | | | | |
| | 02/07/18 10:40 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/07/18 18:00 EST | | 0 | Source: Department of Highways |
| State Route 56 was closed near mile marker one due to flooding along Hewett Fork and Trace Run. | | | | |
| VINTON COUNTY --- 2.1 SE ZALESKI [39.26, -82.37], 1.6 NNW PRATTSVILLE [39.25, -82.39], 0.7 W ZALESKI [39.28, -82.41], 1.6 W HOPE [39.33, -82.38], 1.2 SSE HOPE [39.31, -82.34] | | | | |
| | 02/07/18 11:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/07/18 14:00 EST | | 0 | Source: Department of Highways |
| State Route 278 was closed due to high water from Wheelabout Creek. | | | | |
| GALLIA COUNTY --- 1.7 SW CHESHIRE [38.93, -82.12], 0.5 ENE BLOWELL [38.92, -82.27], 1.5 SSW MORGAN CENTER [38.96, -82.28], 1.4 NNW ENO [38.99, -82.24], 1.0 NE KYGER [38.99, -82.14], 0.8 SSW CARLTON [38.96, -82.11] | | | | |
| | 02/07/18 12:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/07/18 16:00 EST | | 0 | Source: Department of Highways |
| State Route 554 was closed due to flooding along Kyger Creek. | | | | |
| MEIGS COUNTY --- 1.1 W POMEROY [39.03, -82.05], 1.0 NNW BRADBURY [39.03, -82.07], 2.3 N BRADBURY [39.05, -82.06], 1.2 NNW POMEROY [39.05, -82.04] | | | | |
| | 02/07/18 12:00 EST | | 0.50K | Flood (due to Heavy Rain) |
| | 02/07/18 15:00 EST | | 0 | Source: Department of Highways |
| The intersection of State Routes 7 and 143 were closed due to flooding along Thomas Fork and East Branch Thomas Fork. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

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

A low pressure system moved through the southern Ohio River Valley on the 6th, crossing the middle Ohio River Valley on the 7th. This system tapped into moisture from the Gulf of Mexico and brought a prolonged period of moderate to heavy rainfall. Many rain gauges across southeastern Ohio reported 24 hour rainfall amounts of 1.0 to 1.3 inches, resulting in minor flooding.

WASHINGTON COUNTY --- 0.6 N MACKSBURG [39.64, -81.47], 0.9 ENE MACKSBURG [39.64, -81.46], 1.0 ESE MACKSBURG [39.62, -81.45], 2.0 W GERMANTOWN [39.58, -81.36], 1.6 ESE BLOOMFIELD [39.56, -81.17], 1.1 E SCHLEY [39.45, -81.23], 1.5 W STANLEYVILLE [39.47, -81.45]

| | | |
|--------------------|----|---------------------------|
| 02/11/18 17:00 EST | 3K | Flood (due to Heavy Rain) |
| 02/12/18 12:00 EST | 0 | Source: River/Stream Gage |

Broad Street in Macksburg had high water due to flooding on Duck Creek. Other low lying fields and camps near the river also experienced high water levels. The gage at Macksburg on Duck Creek spilled from its banks around 5 PM on the 10th, crested at 13.5 feet, or half a foot above bankfull level around midnight, and returned to its banks before sunrise.

Duck Creek also flooded near Whipple, with minor water issues along State Routes 26, 145 and 821. The gage at Whipple rose above bankfull level just before sunrise on the 11th, crested at 11.2 feet, or 0.2 feet above bankfull mid morning, and was back below bankfull by noon.

The Little Muskingum River near Bloomfield also flooded. The river rose above its bankfull level of 16 feet around midnight on the 12th, crested at just over 17 feet during the predawn, and returned within its banks by 8:30 AM. Route 26 near the intersection with Route 260 was covered in water.

A cold front brought a period of heavy rain on the 10th and 11th. One to one and half inches of rain fell, causing several creeks and streams to overflow their banks on the 11th.

WASHINGTON COUNTY --- 0.8 N MACKSBURG [39.64, -81.47], 1.4 NNE DEVOLA [39.49, -81.47], 0.4 NNE DELL [39.42, -81.35], 0.4 NNE GRANDVIEW [39.53, -81.08], 1.6 ESE DALZELL [39.56, -81.27]

| | | |
|--------------------|----|--------------------------------|
| 02/16/18 03:00 EST | 2K | Flood (due to Heavy Rain) |
| 02/17/18 14:00 EST | 0 | Source: Department of Highways |

Flooding along Duck Creek and the Little Muskingum River closed several roads including State Routes 26, 145 and 821.

The river gage at Bloomfield on the Little Muskingum rose above its bankfull level of 16 feet just before sunrise on the 16th. It crested at 22.5 feet or half a foot below moderate flooding that evening, and returned to within its banks around 7 AM on the 17th.

Duck Creek at Whipple rose out of its banks around 8 AM on the 16th, and crested at 14.8 feet, or 2.8 feet above bankfull at 1 AM on the 17th. The creek returned to within its banks early that afternoon.

The West Fork of Duck Creek at Macksburg also flooded, rising above its bankfull level of 13 feet around 3 AM on the 16th. It experience a long duration crest right at moderate flood stage of 15 feet, from around noon on the 16th to about 3 AM on the 17th. The creek returned to its banks 12 hours later.

ATHENS COUNTY --- 0.9 WSW MINERAL [39.31, -82.28], 2.0 W FROST [39.27, -81.87], 1.0 S PLANTSVILLE [39.44, -81.87], 1.6 SE JACKSONVILLE [39.45, -82.06], 0.6 ENE PALOS [39.53, -82.06], 2.5 NW HUNTERDON [39.55, -82.15], 1.0 SW BEAUMONT [39.46, -82.16], 1.2 NW EAST CLAYTON [39.46, -82.27]

| | | |
|--------------------|----|--------------------------------|
| 02/16/18 08:00 EST | 2K | Flood (due to Heavy Rain) |
| 02/17/18 14:00 EST | 0 | Source: Department of Highways |

Numerous roads were closed across the county due to flooding. This included State Route 144 near mile marker 12, and State Route 329 between State Routes 144 and 550. State Route 13 was closed between Trimble and Glouster and State Routes 56 and 356 were both closed on the western end of the county.

Monday Creek at Doanville also flooded. The stream gage showed the creek going above bankfull level of 16 feet around sunrise on the 17th. It crested at 16.2 feet around 10 AM, and returned to its banks around 2 PM.

MEIGS COUNTY --- 0.8 E POMEROY [39.03, -82.01], 1.6 NNE RACINE [38.99, -81.91], 1.4 SW TUPPERS PLAINS [39.16, -81.87], 1.0 WNW PAGEVILLE [39.18, -82.17], 3.0 SSE LANGSVILLE [39.01, -82.16], 0.6 WNW MIDDLEPORT [39.00, -82.06]

| | | |
|--------------------|----|--------------------------------|
| 02/16/18 08:30 EST | 2K | Flood (due to Heavy Rain) |
| 02/17/18 16:15 EST | 0 | Source: Department of Highways |

Flooding closed a number of roads across the county, including State Routes 124, 143, 248, and 681.

The Shade River near Chester also flooded. The river rose above its bankfull level of 17 feet just before noon on the 16th, crested at about 19.4 feet around sunrise on the 17th, and returned to its banks late that afternoon.

WASHINGTON COUNTY --- 2.4 E WATERFORD [39.53, -81.58], 0.4 N COALRUN [39.58, -81.58], 2.0 N BECKETT [39.61, -81.70], 0.8 S BECKETT [39.57, -81.70], 1.0 W WATERFORD [39.53, -81.65]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/16/18 08:47 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/17/18 09:12 EST | | 0 | Source: River/Stream Gage |

The Muskingum River at Beverly rose above its flood stage of 29 feet early on the morning of the 16th. It crested at 31.8 feet around 6 PM that evening, before returning to its banks mid morning on the 17th.

GALLIA COUNTY --- 3.2 WSW ALICE [39.00, -82.43], 1.1 WSW CARLTON [38.96, -82.12], 1.2 NNW CHIPPER MILLS [38.78, -82.23], 0.7 NNE SWAN CREEK [38.61, -82.20], 3.9 WNW CROWN CITY [38.62, -82.35], 3.5 SSE SAND FORK [38.68, -82.35], 4.5 WSW SAND FORK [38.69, -82.46], 0.3 NNW MC DANIEL XROADS [38.77, -82.47]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/16/18 09:00 EST | | 2K | Flood (due to Heavy Rain) |
| | 02/16/18 21:00 EST | | 0 | Source: Department of Highways |

Multiple roads were closed due to high water. This included State Route 325 near the intersection with State Route 160 and State Route 554 between State Routes 7 and 160. State Route 160 was also closed near its intersection with State Route 7. Also closed were portions of State Routes 141, 218, 233, and 775.

VINTON COUNTY --- 0.4 SW HAMDEN [39.15, -82.54], 0.8 ESE HUE [39.38, -82.51], 4.2 NE HOPE [39.38, -82.30], 2.0 S ARBAUGH [39.14, -82.33]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/16/18 11:30 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/16/18 15:30 EST | | 0 | Source: Department of Highways |

Sections of multiple State Routes were closed due to flooding along Raccoon Creek and its tributaries. This included State Routes 56, 278, 328, and 349.

MORGAN COUNTY --- 1.1 W MERGS [39.68, -81.80], 2.0 NW MERGS [39.70, -81.81], 1.2 NW MALTA [39.66, -81.88], 2.6 NE PENNSVILLE [39.59, -81.83], 1.8 WSW NEELYVILLE [39.62, -81.81]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/16/18 12:15 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/16/18 18:30 EST | | 0 | Source: Department of Highways |

Mans Fork Flooded, closing State Route 78 between McConnelsville and State Route 83.

The Muskingum River at McConnelsville also came out of its banks. The river rose above its flood stage of 11 feet around noon on the 16th. It crested around 11.2 feet at 3 PM and returned to its banks just after sunset that evening.

PERRY COUNTY --- 1.6 ENE CHALFANTS [39.88, -82.25], 1.4 E CHALFANTS [39.87, -82.25], 0.7 E MT PERRY [39.88, -82.21], 1.1 NE MT PERRY [39.89, -82.21], 1.2 NNW MT PERRY [39.90, -82.23]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/16/18 20:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/16/18 23:00 EST | | 0 | Source: Emergency Manager |

Jonathan Creek flooded, closing a portion of State Route 668. Painter Run also flooded, closing Coopermill Road.

WASHINGTON COUNTY --- 0.6 NNE LITTLE HOCKING [39.28, -81.70], 0.7 ENE DEVOLA [39.47, -81.47], 0.5 W LEITH [39.45, -81.16], 1.2 W LOWER NEWPORT [39.35, -81.37], 0.0 E MARIETTA [39.42, -81.45], 0.6 SW CONSTITUTION [39.34, -81.56], 1.0 WNW BELPRE [39.29, -81.59]

| | | | | |
|--|--------------------|--|-----|---------------------------|
| | 02/16/18 20:58 EST | | 10K | Flood (due to Heavy Rain) |
| | 02/19/18 13:36 EST | | 0 | Source: River/Stream Gage |

The Ohio River gage at Willow Island Lock rose above its flood stage of 37 feet on the evening of the 16th. The river crested shortly after midnight on the 18th at just over 40 feet and dropped back below flood stage around sunrise on the 19th. This flooded Ohio Route 7 between Reno and Matamoras.

At the Marietta Pumphouse gage, the Ohio River rose above its flood stage of 35 feet late on the 16th, and crested at 37.9 feet, or just 0.1 below moderate flood, just after midnight on the 18th. The river returned below flood stage just after sunrise on the 19th. Many roads along the river in Marietta were flooded, including Stark Street, Pike Street, Elmwood Avenue, Hart Street, Greene Street and Ohio Street.

The river near Parkersburg, WV, rose above flood stage late on the 16th. Crest occurred mid morning on the 18th at 39.7 feet, almost 2 feet above moderate flood stage of 38 feet. The river fell back below flood stage just after noon on the 19th. This flooded Walnut Street and Scott Avenue in Belpre, along with portions of Dave's Marina.

MEIGS COUNTY --- 0.4 ENE POMEROY [39.03, -82.02], 1.1 E PINEGROVE [39.17, -81.81], 1.2 S EDEN [39.15, -81.75], 0.6 NE LONG BOTTOM [39.09, -81.81], 2.8 SE ROLANDUS [38.95, -81.79], 0.6 NNE RACINE [38.98, -81.92]

| | | | | |
|--|--------------------|--|-------|---------------------------|
| | 02/17/18 00:58 EST | | 0.75M | Flood (due to Heavy Rain) |
| | 02/20/18 12:03 EST | | 0 | Source: River/Stream Gage |

Storm Data and Unusual Weather Phenomena - February 2018

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

The gage at Belleville Lock on the Ohio River entered moderate flooding, cresting at almost 43.5 feet on the evening of the 18th. At Belleville, moderate flood stage is 38 feet. Flooding began at Belleville just after midnight on the 17th, and the river dropped back below flood in the pre-dawn hours of the 20th. This high water closed several sections of Route 124, as well as a portion of Route 248 near Sand Hill.

The Ohio River gage at Racine Lock rose above its flood stage of 41 feet early on the 17th. The river surpassed moderate flooding, and almost reached its major flood stage of 48 feet, during its crest of 47.7 feet just after midnight on the 19th. The river dropped back below flood stage around noon on the 20th. This cause flooding along Route 124 near Antiquity and Minersville.

At the Pomeroy staff gage, the Ohio River rose above its flood stage of 46 feet late around noon on the 17th. Major flooding occurred along this stretch of the river, where the staff gage read almost 50.5 feet during crest late on the 18th, topping major flood stage by half a foot. Water levels dropped back below flood stage around sunrise on the 20th. Water inundated much of Main Street in Pomeroy, including flooding businesses, side roads and parking lots and the amphitheater. A culvert under Main Street also collapsed.

GALLIA COUNTY --- 0.6 W CROWN CITY [38.60, -82.29], 1.2 NNW CHIPPER MILLS [38.78, -82.23], 1.5 SSW KYGER [38.96, -82.16], 1.3 SW CHESHIRE [38.94, -82.12], 1.1 N CHIPPER MILLS [38.79, -82.22], 1.9 NNE SWAN CREEK [38.63, -82.19]

| | | |
|--------------------|----|---------------------------|
| 02/17/18 03:36 EST | 2K | Flood (due to Heavy Rain) |
| 02/21/18 09:45 EST | 0 | Source: River/Stream Gage |

Near Point Pleasant, WV, the Ohio River almost reached major flooding, topping out at 47.5 feet just after midnight on the 19th. Major flood stage is 48 feet. Flooding began around 3 AM on the 17th, and the river dropped below flood stage mid morning on the 21st.

Near the Robert C. Byrd lock, the Ohio River rose above flood stage of 50 feet a couple hours before sunrise on the 18th. Crest occurred just above moderate flood stage of 52 feet during the pre-dawn hours of the 19th. The river dropped back below flood stage at about 6 o'clock that evening.

This flooding closed several sections of Route 7, as well as portions of Little Kyger Road and Addison-Blaville Road.

A wave of low pressure and a surface front crossed West Virginia, producing heavy rainfall on the 16th. Generally 1 to 2 inches of rain fell on already saturated soil. This resulted in creek and stream flooding on the 16th and into the 17th. As the rain drained through the river system, smaller main stem rivers flooded. This eventually led to flooding along the the Ohio River.

(OH-Z075) ATHENS, (OH-Z076) WASHINGTON, (OH-Z083) JACKSON, (OH-Z084) VINTON, (OH-Z085) MEIGS

| | | |
|--------------------|---|----------------|
| 02/17/18 12:00 EST | 0 | Winter Weather |
| 02/17/18 16:00 EST | 0 | |

A low pressure system moved through the central Appalachians on the 17th, driving a lot of low level moisture into the middle Ohio River Valley. While this system also pulled warmer air northward, it remained cold enough across southeastern Ohio for a period of snow during the early afternoon before changing over to rain by late afternoon. There was a narrow band that experienced a brief period of very heavy snow, with reports of 2 to 3 inches accumulating in an hour. This band was across portions of Jackson, Vinton, Athens, Meigs, and Washington Counties. Even across individual counties, snowfall accumulations varied drastically based on the location of the heaviest band. For example, in Meigs County, a member of the public measured just over 4 inches of snow near Tupper's Plains, while in Chester only 2 inches accumulated. In Washington County, 3 inches of snow was measured near Reno, with under an inch in Marietta. In Jackson County, the city of Jackson was hit hard where the cooperative observer measured 3 to 4 inches of snow in less than 2 hours, however the southern part of the county only got a couple inches.

WASHINGTON COUNTY --- 0.8 N MACKSBURG [39.64, -81.47], 0.9 ESE MARIETTA [39.42, -81.44], 0.7 WSW DELL [39.41, -81.36], 0.7 WSW HOHMAN [39.52, -81.19], 1.7 E DALZELL [39.57, -81.27], 0.6 WSW ELBA [39.60, -81.43]

| | | |
|--------------------|---|---------------------------|
| 02/22/18 08:00 EST | 0 | Flood (due to Heavy Rain) |
| 02/23/18 11:30 EST | 0 | Source: River/Stream Gage |

Flooding along Duck Creek and the Little Muskingum River caused high water on some local roadways.

At Macksburg, the West Fork of Duck Creek rose above its 13 foot bankfull level around 8 AM on the 22nd. The creek crested at 14.3 feet around 2 PM that afternoon and returned to within its banks at 3 AM on the 23rd.

Duck Creek at Whipple rose above its bankfull level of 12 feet just before 11 AM on the 22nd and crested at 15 feet just before midnight. The creek dropped back below bankfull just before noon on the 23rd.

The Little Muskingum River at Bloomfield crested at 24 feet, 1 foot above moderate stage just before midnight on the 22nd. It had originally risen above its 16 foot bankfull level around 11 AM. It returned to its banks around 11 AM on the 23rd.

WASHINGTON COUNTY --- 0.8 E HAYWARD [39.57, -81.66], 1.6 SSW HAYWARD [39.55, -81.68], 1.3 S UPPER LOWELL [39.51, -81.53], 0.8 NNW LOWELL [39.54, -81.50], 0.5 NNW EQUITY [39.58, -81.57]

| | | |
|--------------------|---|---------------------------|
| 02/22/18 08:53 EST | 0 | Flood (due to Heavy Rain) |
| 02/23/18 05:18 EST | 0 | Source: River/Stream Gage |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|-----------|-------------------|---------------------|------------------------|
| The Muskingum River at Beverly rose above its flood stage of 29 feet early on the 22nd. It crested at 31.5 feet late that afternoon, and returned to within its banks pre-dawn on the 23rd. | | | | |

VINTON COUNTY --- 0.7 N HAMDEN [39.16, -82.53], 1.9 S ARBAUGH [39.14, -82.33], 3.4 NE HOPE [39.37, -82.30], 1.2 ESE HUE [39.37, -82.50]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/22/18 09:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/22/18 22:00 EST | | 0 | Source: Department of Highways |

Several roads were closed due to high water, including State Routes 278, 328 and 349.

JACKSON COUNTY --- 2.1 NW COALTON [39.14, -82.62], 4.3 E WELLINGTON [39.13, -82.45], 3.1 ESE PYRO [38.91, -82.47], 2.7 WNW MONROE [38.86, -82.67]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/22/18 10:00 EST | | 2K | Flood (due to Heavy Rain) |
| | 02/22/18 15:00 EST | | 0 | Source: Emergency Manager |

Numerous roads were closed due to high water. This included Main Street in Jackson. C H and D Road, Route 2 and Route 233 were closed east of Oak Hill. Mulga Road was closed near Wellston. Also, Pigeon Creek flooded in Coalton.

ATHENS COUNTY --- 1.4 WSW EAST CLAYTON [39.44, -82.28], 1.7 SW MINERAL [39.30, -82.29], 2.4 W FROST [39.27, -81.88], 2.9 NNE BROADWELL [39.41, -81.86]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/22/18 10:30 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/22/18 18:30 EST | | 0 | Source: Emergency Manager |

Multiple roads were closed due to flooding across the county. This included portions of State Routes 56, 356, 546 and 550.

LAWRENCE COUNTY --- 1.6 NW FIREBRICK [38.85, -82.65], 1.3 NE FIREBRICK [38.84, -82.62], 1.1 SE FIREBRICK [38.82, -82.62], 1.2 WSW FIREBRICK [38.83, -82.65]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/22/18 11:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/22/18 14:00 EST | | 0 | Source: Department of Highways |

Flooding on Hale Creek closed a section of State Route 140.

MEIGS COUNTY --- 1.1 NW MIDWAY [39.13, -82.01], 1.4 NNE BUNINGHAM [39.19, -82.01], 0.7 N PAGEVILLE [39.18, -82.15], 1.4 S PAGEVILLE [39.15, -82.15]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/22/18 11:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/22/18 13:00 EST | | 0 | Source: Department of Highways |

Flooding along the West Branch of the Shade River closed a section of State Route 681 between Routes 33 and 684.

VINTON COUNTY --- 2.1 SW HOPE [39.31, -82.38], 0.7 NNW ZALESKI [39.29, -82.40], 0.6 WNW PRATTSVILLE [39.23, -82.39], 1.1 E PRATTSVILLE [39.23, -82.36]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/23/18 00:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/26/18 08:30 EST | | 0 | Source: River/Stream Gage |

Raccoon Creek at Bolins Mills had a prolonged period out of its banks. The creek rose above its bankfull level of 14 feet just after midnight on the 23rd with flooding lingering into the morning of the 26th. However, crest was only half a foot above bankfull, occurring on the afternoon of the 24th.

GALLIA COUNTY --- 4.3 SW ALICE [38.98, -82.43], 5.2 WSW SAND FORK [38.69, -82.47], 1.3 E MERCERVILLE [38.67, -82.25], 1.4 NNW ENO [38.99, -82.24]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/24/18 11:42 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/24/18 16:00 EST | | 0 | Source: Department of Highways |

Flooding along Raccoon Creek and Symmes Creek led to several road closures. This included portions of State Route 144, 324, and 554.

ATHENS COUNTY --- 0.6 N TORCH [39.26, -81.75], 0.7 NW HOCKINGPORT [39.19, -81.76], 2.7 SE ANTHONY [39.20, -81.95], 1.1 SSW GUYSVILLE [39.27, -81.92]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/24/18 12:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/24/18 15:00 EST | | 0 | Source: Department of Highways |

Due to high water on the Ohio River, the Hocking River backed up and flooded a section of State Route 144.

MEIGS COUNTY --- 2.0 NW CHESTER [39.10, -81.95], 1.5 S CHESTER [39.06, -81.92], 0.7 NNE BASHAN [39.06, -81.87], 0.6 SW LONG BOTTOM [39.07, -81.83], 0.5 NE KENO [39.10, -81.86]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|--------------------------------|
| | 02/24/18 12:03 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/24/18 16:00 EST | | 0 | Source: Department of Highways |

Flooding along the Shade River resulted in the closure of State Route 248 between Route 7 and Route 124.

The river gage at Chester entered moderate flood stage during this time. The river rose above its bankfull level of 17 feet very late on the 22nd and crested a few inches above its 21 foot moderate flood level mid morning on the 23rd. It returned to its banks on the evening of the 24th.

WASHINGTON COUNTY --- 0.8 E HAYWARD [39.57, -81.66], 1.6 SSW HAYWARD [39.55, -81.68], 1.3 S UPPER LOWELL [39.51, -81.53], 0.8 NNW LOWELL [39.54, -81.50], 0.5 NNW EQUITY [39.58, -81.57]

| | | |
|--------------------|---|---------------------------|
| 02/25/18 09:12 EST | 0 | Flood (due to Heavy Rain) |
| 02/25/18 16:00 EST | 0 | Source: River/Stream Gage |

The Muskingum River at Beverly rose above its flood stage of 29 feet during the mid morning on the 25th. It crested at 29.2 feet around noon, and returned to within its banks late that afternoon.

MEIGS COUNTY --- 2.0 NW CHESTER [39.10, -81.95], 1.5 S CHESTER [39.06, -81.92], 0.7 NNE BASHAN [39.06, -81.87], 0.6 SW LONG BOTTOM [39.07, -81.83], 0.5 NE KENO [39.10, -81.86]

| | | |
|--------------------|---|--------------------------------|
| 02/25/18 09:40 EST | 0 | Flood (due to Heavy Rain) |
| 02/26/18 00:06 EST | 0 | Source: Department of Highways |

The Shade River at Chester rose above its bankfull level of 17 feet mid morning on the 25th, crested at 17.6 feet that afternoon and returned to its banks just after midnight on the 26th.

LAWRENCE COUNTY --- 1.8 NW AID [38.62, -82.50], 1.4 N AID [38.62, -82.48], 1.0 N WILLOW WOOD [38.59, -82.47], 1.2 SSW AID [38.58, -82.49], 1.1 WSW AID [38.60, -82.50]

| | | |
|--------------------|---|---------------------------|
| 02/26/18 01:00 EST | 0 | Flood (due to Heavy Rain) |
| 02/26/18 02:45 EST | 0 | Source: River/Stream Gage |

Symmes Creek briefly flooded early on the 26th. The river gage showed the creek rising above bankfull level of 19 feet at 1 AM, and cresting just over 19 feet just before 2 AM. The creek was back within its banks by 2:45 AM.

MEIGS COUNTY --- 1.7 NW PORTLAND [39.02, -81.79], 3.0 ESE BASHAN [39.03, -81.82], 1.1 SW LONG BOTTOM [39.07, -81.84], 0.4 SE LONG BOTTOM [39.08, -81.82], 2.9 NNW PORTLAND [39.04, -81.79]

| | | |
|--------------------|---|---------------------------|
| 02/26/18 19:00 EST | 0 | Flood (due to Heavy Rain) |
| 02/26/18 21:00 EST | 0 | Source: River/Stream Gage |

Very minor flooding occurred on the Ohio River, causing some water to back up onto State Route 124 near Long Bottom and Portland.

The gage on the Ohio River at Belleville Lock rose above its 35 foot flood stage very briefly around 8:30 pm on the 26th.

An oscillating surface boundary with multiple waves of low pressure brought periods of moderate to heavy rainfall from the 22nd into the 25th. This caused another round of flooding on small creeks and streams across the middle Ohio River Valley, and eventually lead to minor flooding on the Ohio River.

OHIO, Southwest

(OH-Z026) HARDIN, (OH-Z034) MERCER, (OH-Z035) AUGLAIZE, (OH-Z042) DARKE, (OH-Z043) SHELBY, (OH-Z044) LOGAN, (OH-Z045) UNION, (OH-Z046) DELAWARE, (OH-Z051) MIAMI, (OH-Z052) CHAMPAIGN, (OH-Z053) CLARK, (OH-Z054) MADISON, (OH-Z055) FRANKLIN, (OH-Z056) LICKING, (OH-Z060) PREBLE, (OH-Z061) MONTGOMERY, (OH-Z062) GREENE

| | | |
|--------------------|---|----------------|
| 02/06/18 23:00 EST | 0 | Winter Weather |
| 02/07/18 13:00 EST | 0 | |

(OH-Z063) FAYETTE, (OH-Z064) PICKAWAY, (OH-Z065) FAIRFIELD, (OH-Z070) BUTLER, (OH-Z071) WARREN, (OH-Z072) CLINTON, (OH-Z073) ROSS, (OH-Z074) HOCKING, (OH-Z077) HAMILTON, (OH-Z078) CLERMONT, (OH-Z079) BROWN, (OH-Z080) HIGHLAND, (OH-Z082) PIKE

| | | |
|--------------------|---|--------------|
| 02/06/18 23:00 EST | 0 | Winter Storm |
| 02/07/18 13:00 EST | 0 | |

A low pressure system with warm moist air aloft moved through the region producing a wintery mix of freezing rain, sleet, and snowfall. The most accumulating snow fell between Dayton and Columbus, while areas to the southeast had more ice accumulations and areas to the northwest had lesser snow amounts.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|---------------------------------|
| (OH-Z073) ROSS, (OH-Z074) HOCKING, (OH-Z079) BROWN, (OH-Z080) HIGHLAND, (OH-Z081) ADAMS, (OH-Z082) PIKE, (OH-Z088) SCIOTO | | | | |
| | 02/11/18 22:00 EST | | 0 | Winter Weather |
| | 02/12/18 06:00 EST | | 0 | |
| A narrow band of sleet mixed with and changed to snow along and southeast of a Logan, Chillicothe, Georgetown line. | | | | |
| ROSS COUNTY --- 0.7 N CHLLCTH ROSS CO ARPT [39.44, -83.02] | | | | |
| | 02/15/18 23:23 EST | | 0 | Thunderstorm Wind (MG 51 kt) |
| | 02/15/18 23:25 EST | | 0 | Source: AWOS |
| A broad southwesterly flow brought a very moist air mass into the region. A few thunderstorms developed ahead of an approaching cold front. | | | | |
| (OH-Z077) HAMILTON, (OH-Z078) CLERMONT, (OH-Z079) BROWN, (OH-Z080) HIGHLAND, (OH-Z081) ADAMS, (OH-Z082) PIKE, (OH-Z088) SCIOTO | | | | |
| | 02/17/18 11:00 EST | | 0 | Winter Weather |
| | 02/17/18 18:00 EST | | 0 | |
| A mixed precipitation event quickly changed over to a heavy, wet snowfall over portions of the region. | | | | |
| PIKE COUNTY --- 1.1 E PIKETON [39.07, -83.00], 1.4 NE GREGG [39.09, -82.92], 1.2 SW WAVERLY PIKE CO ARPT [39.16, -82.95], 3.8 WNW WAVERLY [39.16, -83.03], 2.9 NNW PIKETON [39.11, -83.05] | | | | |
| | 02/22/18 11:55 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 13:55 EST | | 0 | Source: Law Enforcement |
| High water was reported across several roads throughout Pike County. | | | | |
| SCIOTO COUNTY --- 2.6 ENE MADISON [38.88, -82.76], 1.0 NE MADISON [38.88, -82.79], 1.5 NNE MADISON [38.89, -82.79], 3.2 NE MADISON [38.90, -82.76] | | | | |
| | 02/22/18 12:05 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 14:05 EST | | 0 | Source: Law Enforcement |
| State Route 139 was closed due to high water. | | | | |
| HOCKING COUNTY --- 2.1 NE LAURELVILLE [39.47, -82.74], 1.9 NNE LAURELVILLE [39.48, -82.76], 2.7 N LAURELVILLE [39.49, -82.76], 2.8 NNE LAURELVILLE [39.49, -82.75], 2.5 NE LAURELVILLE [39.48, -82.74] | | | | |
| | 02/22/18 15:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 17:00 EST | | 0 | Source: Department of Highways |
| State Route 56 was closed due to high water across parts of the county. | | | | |
| Low pressure tracked east along a stalled front, which was located just southeast of the area, pulling moisture and heavy rain into the region. | | | | |
| HAMILTON COUNTY --- 2.3 SSW IDLEWILD [39.12, -84.50], 2.5 SSW IDLEWILD [39.12, -84.50], 2.5 SSW IDLEWILD [39.12, -84.50], 2.4 SSW IDLEWILD [39.12, -84.50] | | | | |
| | 02/24/18 21:17 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:17 EST | | 0 | Source: Broadcast Media |
| Water was flowing down Dorchester Avenue near Reading Road in Cincinnati. | | | | |
| WARREN COUNTY --- 1.1 SSE HAGEMAN [39.36, -84.26], 1.6 N ROSSBURG [39.32, -84.12], 1.5 S WELLMAN [39.46, -84.03], 1.4 NNW SPRINGBORO [39.57, -84.24], 1.6 N OTTERBEIN [39.47, -84.28] | | | | |
| | 02/24/18 23:17 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/25/18 00:17 EST | | 0 | Source: Law Enforcement |
| Multiple roads were closed throughout the county due to high water, including Morrow-Milgrove Rd, Lower Springboro Rd, South Pioneer Blvd and Corwin Road. | | | | |
| GREENE COUNTY --- 1.7 ENE FAIRBORN [39.83, -83.99], 1.6 ENE FAIRBORN [39.83, -83.99], 1.6 ENE FAIRBORN [39.83, -83.99], 1.8 ENE FAIRBORN [39.83, -83.99] | | | | |
| | 02/24/18 23:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 01:30 EST | | 0 | Source: Trained Spotter |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------------|
| Hebble Creek was reported out of its banks. | | | | |
| CHAMPAIGN COUNTY --- 1.7 WNW BOWLUSVILLE [40.03, -83.83], 1.1 NW BOWLUSVILLE [40.03, -83.82], 1.0 WNW BOWLUSVILLE [40.03, -83.82], 2.0 WNW BOWLUSVILLE [40.03, -83.84], 2.1 WNW BOWLUSVILLE [40.03, -83.84] | | | | |
| | 02/24/18 23:55 EST | | 3K | Flood (due to Heavy Rain) |
| | 02/25/18 01:55 EST | | 0 | Source: Law Enforcement |
| A vehicle hydroplaned and went into a ditch. The water carried the vehicle downstream. The occupant was able to exit the vehicle before it was carried away. | | | | |
| CLERMONT COUNTY --- 1.5 NNE NEVILLE [38.82, -84.21], 2.6 ESE WIGGONSVILLE [38.90, -84.04] | | | | |
| | 02/25/18 00:02 EST | | 10K | Thunderstorm Wind (EG 55 kt) |
| | 02/25/18 00:10 EST | | 0 | Source: NWS Storm Survey |
| Numerous trees were damaged along with some outbuildings. | | | | |
| CLERMONT COUNTY --- 2.9 ESE MOSCOW [38.83, -84.17], 2.2 NW FELICITY [38.86, -84.12] | | | | |
| | 02/25/18 00:03 EST | | 85K | Tornado (EF1, L: 3.50 mi , W: 200 yd) |
| | 02/25/18 00:06 EST | | 0 | Source: NWS Storm Survey |
| The tornado is believed to have first touched down on Neville Penn Schoolhouse Road about halfway between Felicity and Neville. Tree damage in this area was very extensive, with many trees uprooted and others snapped. In addition, a mobile home was destroyed. Damage continued further northeast on Neville-Penn Schoolhouse Road, with debris from one damaged structure observed blown against a fence line and into the nearby trees. A few other structures on Neville-Penn Schoolhouse Road suffered roof damage, including two barns which had partial roof removal. Additional tree damage was observed further northeast, with a few trees snapped north of OH-756. | | | | |
| ADAMS COUNTY --- 21.8 WSW EMERALD [38.90, -84.04], 9.6 W EMERALD [39.00, -83.83] | | | | |
| | 02/25/18 00:10 EST | | 10K | Thunderstorm Wind (EG 55 kt) |
| | 02/25/18 00:20 EST | | 0 | Source: NWS Storm Survey |
| Numerous trees were damaged along with some outbuildings. | | | | |
| WARREN COUNTY --- 1.8 SE UNION VLG [39.41, -84.30], 1.9 SE UNION VLG [39.41, -84.30], 1.7 SSE UNION VLG [39.41, -84.31], 1.5 SSE UNION VLG [39.41, -84.31] | | | | |
| | 02/25/18 00:10 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/25/18 01:10 EST | | 0 | Source: Trained Spotter |
| Several inches of water was flowing on Mason-Montgomery Rd. south of Hamilton Rd. | | | | |
| BROWN COUNTY --- 0.9 ENE HAMERSVILLE [38.92, -83.96], 0.1 E NEW HOPE [38.97, -83.90] | | | | |
| | 02/25/18 00:13 EST | | 65K | Tornado (EF1, L: 4.90 mi , W: 300 yd) |
| | 02/25/18 00:18 EST | | 0 | Source: NWS Storm Survey |
| The tornado is first believed to have touched down near Lucas Road, about one mile northeast of Hamersville. More significant damage was observed near the intersection of White Oak Valley Road and Smokey Row Road, where a well-built home suffered partial roof loss and additional loss of roofing material. At another property on White Oak Valley Road, a trailer was flipped over. Tree damage was extensive along Smokey Row Road, especially near its intersection with Vinegar Hill Road. | | | | |
| On New Hope-McKinley Road, about a half mile east of U.S. 68, a mobile home had its roof completely removed. Debris from this roof was observed thrown about 500 yards downstream (northeast) of its origin. Additional tree damage was observed along New Hope-White Oak Station Road. | | | | |
| In addition to the tornadic damage described above, the National Weather Service storm survey observed non-tornadic damage across a much wider area. This area of damage extended about 13 miles in length, stretching from far southeastern Clermont County through north central Brown County. This straight-line wind damage affected areas near Feesburg and Hamersville, and was observed on both sides of the surveyed tornadic circulation. This damage consisted of additional tree and outbuilding damage, including the destruction of a few outbuildings. | | | | |
| CLINTON COUNTY --- 4.3 SSE JONESBORO [39.24, -83.81] | | | | |
| | 02/25/18 00:24 EST | | 6K | Thunderstorm Wind (EG 50 kt) |
| | 02/25/18 00:29 EST | | 0 | Source: Public |
| A twenty-five to thirty foot flag pole was reported bent over. Also a garden windmill was knocked down, while a van window was broken from flying debris. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|------------------------------|
| HIGHLAND COUNTY --- 1.6 ESE SUGAR TREE RIDGE [39.06, -83.64] | | | | |
| | 02/25/18 00:30 EST | | 6K | Thunderstorm Wind (EG 50 kt) |
| | 02/25/18 00:35 EST | | 0 | Source: Public |
| Two homes received roof damage. | | | | |
| HIGHLAND COUNTY --- 2.1 N HOAGLAND [39.23, -83.68] | | | | |
| | 02/25/18 00:30 EST | | 1K | Thunderstorm Wind (EG 45 kt) |
| | 02/25/18 00:35 EST | | 0 | Source: State Official |
| A tree was knocked down near Anderson Rd and State Route 134. | | | | |
| HIGHLAND COUNTY --- 2.1 E BOSTON [39.22, -83.48] | | | | |
| | 02/25/18 00:44 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 02/25/18 00:49 EST | | 0 | Source: State Official |
| A barn roof was damaged on Overman Rd., between U.S. 50 and Petersburg Rd. | | | | |
| CLARK COUNTY --- 0.9 SE MEDWAY [39.87, -83.99], 0.9 SSE MEDWAY [39.87, -84.00], 0.3 SSE MEDWAY [39.88, -84.00], 0.4 ESE MEDWAY [39.88, -83.99] | | | | |
| | 02/25/18 11:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 13:30 EST | | 0 | Source: Trained Spotter |
| High water was reported over a portion of Spangler Road by Restoration Park Church. | | | | |
| SHELBY COUNTY --- 0.2 NW PASCO [40.28, -84.10], 0.3 NW PASCO [40.28, -84.10], 0.3 NW PASCO [40.28, -84.10], 0.3 WNW PASCO [40.28, -84.10] | | | | |
| | 02/25/18 17:40 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 17:45 EST | | 0 | Source: Law Enforcement |
| Three children were playing by Mosquito Creek. The bank of Mosquito Creek gave way and a boy fell into the creek and drowned. M6IW. | | | | |
| Strong to severe thunderstorms, with very heavy rainfall, developed ahead of a cold front. | | | | |
| OKLAHOMA, Eastern | | | | |
| (OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z059) PAWNEE, (OK-Z062) MAYES, (OK-Z063) DELAWARE, (OK-Z064) CREEK, (OK-Z065) OKFUSKEE, (OK-Z066) OKMULGEE, (OK-Z067) WAGONER, (OK-Z068) CHEROKEE, (OK-Z069) ADAIR, (OK-Z070) MUSKOGEE, (OK-Z071) MCINTOSH, (OK-Z072) SEQUOYAH, (OK-Z073) PITTSBURG, (OK-Z074) HASKELL, (OK-Z075) LATIMER, (OK-Z076) LE FLORE | | | | |
| | 02/01/18 00:00 CST | | 0 | Drought |
| | 02/28/18 23:59 CST | | 0 | |
| Severe drought (D2) conditions continued across much of eastern Oklahoma through mid February. An active weather pattern began across the area on February 16th and continued for over a week, resulting in multiple rain events across the region. Several of these events were significant. Due to these late-month rains, total monthly rainfall from six to ten inches occurred across eastern Oklahoma generally along and south of I-44, with one to four inches occurring to the north of I-44. The normal average rainfall for February across this region is from around two inches in Osage and Pawnee Counties to around three inches in southeastern Oklahoma. The excessive rainfall that fell across much of the area during the latter part of the month resulted in much improved drought conditions by the end of February, with the exception of portions of Osage and Pawnee Counties, where severe drought conditions persisted through the end of the month. Monetary damage estimates due to the drought were not available. | | | | |
| (OK-Z062) MAYES | | | | |
| | 02/01/18 00:00 CST | | 0 | Wildfire |
| | 02/05/18 11:00 CST | | 0 | |
| Unseasonably warm temperatures, strong gusty wind, low relative humidity, and drought-stricken, dormant vegetation promoted the rapid spread of several wildfires in eastern Oklahoma during late January. A wildfire burned over 300 acres in Mayes County on the 31st, which continued through February 5th before it was fully contained. | | | | |
| (OK-Z049) PUSHMATAHA, (OK-Z054) OSAGE | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/04/18 11:00 CST | | 0 | Wildfire |
| | 02/07/18 08:00 CST | | 0 | |

Unseasonably warm temperatures, strong gusty wind, low relative humidity, and drought-stricken, dormant vegetation promoted the rapid spread of several wildfires in eastern Oklahoma during early February. Wildfires burned over 8000 acres in Osage County and over 600 acres in Pushmataha County.

ADAIR COUNTY --- 2.1 ESE STILLWELL ARPT [35.82, -94.59], 2.5 SE STILLWELL ARPT [35.81, -94.58], 4.1 ESE STILLWELL ARPT [35.81, -94.55], 3.0 ESE STILLWELL ARPT [35.82, -94.57]

| | | | |
|--------------------|---|---|---------------------------|
| 02/21/18 12:00 CST | 1 | 0 | Flood (due to Heavy Rain) |
| 02/21/18 14:00 CST | | 0 | Source: Broadcast Media |

A 53-year old man drove his vehicle into a flooded, low-water crossing about three miles east of Stillwell in Adair County, where he drowned.

Direct Fatalities: M53VE

Widespread showers and thunderstorms developed across much of eastern Oklahoma on the 20th as a cold front moved through the region. A very moist air mass in place ahead of the cold front promoted the development of heavy rainfall from some of this activity. Widespread two to five inches of rain fell across much of east central and southeastern Oklahoma through the morning hours of the 21st, which resulted in some flooding of low-lying areas as well as low water crossings.

MUSKOGEE COUNTY --- 1.5 NNE MUSKOGEE DAVIS ARPT [35.69, -95.36], 2.0 NE MUSKOGEE DAVIS ARPT [35.69, -95.34], 1.7 ENE MUSKOGEE DAVIS ARPT [35.68, -95.34], 0.7 ENE MUSKOGEE DAVIS ARPT [35.68, -95.36]

| | | | |
|--------------------|--|---|---------------------------------|
| 02/23/18 18:44 CST | | 0 | Flash Flood (due to Heavy Rain) |
| 02/24/18 00:30 CST | | 0 | Source: Public |

Portions of Gulick Street were flooded and impassable.

MCINTOSH COUNTY --- 1.0 E EUFAULA [35.28, -95.56], 0.4 E EUFAULA [35.28, -95.57], 0.7 ESE EUFAULA [35.27, -95.57], 1.5 ESE EUFAULA [35.28, -95.55]

| | | | |
|--------------------|--|---|---------------------------------|
| 02/23/18 20:15 CST | | 0 | Flash Flood (due to Heavy Rain) |
| 02/24/18 00:30 CST | | 0 | Source: Public |

Portions of several roads were reported flooded.

CHEROKEE COUNTY --- 4.1 ENE LOST CITY [36.00, -95.06], 2.9 W MOODYS [36.03, -95.00], 3.1 S MOODYS [35.98, -94.94], 2.0 NNW TAHLEQUAH ARPT [35.95, -95.01]

| | | | |
|--------------------|--|---|---------------------------------|
| 02/23/18 20:34 CST | | 0 | Flash Flood (due to Heavy Rain) |
| 02/24/18 03:30 CST | | 0 | Source: Public |

Portions of several roads were reported flooded northwest of Tahlequah.

MCINTOSH COUNTY --- 2.4 NNW CHECOTAH [35.46, -95.54], 1.1 SSW RENTIESVILLE [35.51, -95.51], 2.2 N SHADY GROVE [35.51, -95.43], 1.1 SW SHADY GROVE [35.47, -95.43]

| | | | |
|--------------------|--|-------|---------------------------------|
| 02/23/18 21:50 CST | | 0.10M | Flash Flood (due to Heavy Rain) |
| 02/24/18 00:30 CST | | 0 | Source: Trained Spotter |

Portions of several county roads were reported flooded, some of which were washed out.

MAYES COUNTY --- 1.2 NNW PRYOR [36.32, -95.33], 1.3 SW GREEN [36.37, -95.30], 1.7 WSW ADAIR [36.42, -95.30], 4.4 W ADAIR [36.42, -95.35], 3.5 NW PRYOR [36.33, -95.37]

| | | | |
|--------------------|--|---|---------------------------|
| 02/24/18 09:41 CST | | 0 | Flood (due to Heavy Rain) |
| 02/24/18 21:00 CST | | 0 | Source: Emergency Manager |

Portions of several roads were flooded and impassable along Pryor Creek, west of Pryor and Adair.

CHEROKEE COUNTY --- 5.0 NNW TAHLEQUAH [35.99, -95.00], 3.2 WSW MOODYS [36.01, -95.00], 4.0 WSW MOODYS [36.01, -95.02], 4.6 SW MOODYS [35.99, -95.02]

| | | | |
|--------------------|--|-----|---------------------------|
| 02/24/18 14:36 CST | | 25K | Flood (due to Heavy Rain) |
| 02/24/18 21:00 CST | | 0 | Source: Public |

A creek flooded cropland and a basement of a home.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|-----------------------------------|
| <p>Widespread showers and thunderstorms to the north of a stalled frontal boundary produced locally heavy rainfall across much of east central and northeastern Oklahoma on the 23rd and 24th. Areas of McIntosh, Muskogee, Cherokee and Mayes Counties received between 2.5 and 6 inches of rain, which resulted in some flash flooding.</p> | | | | |
| <hr/> | | | | |
| LE FLORE COUNTY --- 1.3 SSE PANAMA [35.15, -94.66], 2.1 SE PANAMA [35.15, -94.64], 1.7 NNW TAHONA [35.19, -94.62], 1.6 NE COAL CREEK [35.19, -94.65] | | | | |
| | 02/23/18 19:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/26/18 19:45 CST | | 0 | Source: Official NWS Observations |

The Poteau River near Panama rose above its flood stage of 29 feet at 7:30 pm CST on February 23rd. The river crested at 35.50 feet at 11:30 am CST on the 25th, resulting in moderate flooding. Some agricultural land was flooded and portions of county roads were impassable. The river fell below flood stage at 7:45 pm CST on the 26th.

| | | | | |
|--|--------------------|--|---|-----------------------------------|
| <hr/> | | | | |
| ADAIR COUNTY --- 1.0 NE BALLARD [36.11, -94.56], 2.3 N WATTS [36.15, -94.56], 2.8 NW WATTS [36.15, -94.60], 1.7 W WATTS [36.12, -94.60] | | | | |
| | 02/24/18 04:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 14:00 CST | | 0 | Source: Official NWS Observations |

The Illinois River near Watts rose above its flood stage of 13 feet at 4:30 am CST on February 24th. The river crested at 21.70 feet at 5:00 pm CST on the 24th, resulting in moderate flooding. Severe flooding occurred from the Arkansas border to Fidler's Bend, with numerous cabins and permanent campgrounds flooded. The river fell below flood stage at 2:00 pm CST on the 25th.

| | | | | |
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| CHEROKEE COUNTY --- TAHLEQUAH [35.92, -94.97], 1.1 ESE PARK HILL [35.86, -94.93], 4.0 SSE ELLERVILLE [35.98, -94.87], 3.2 SSE MOODYS [35.98, -94.94] | | | | |
| | 02/24/18 08:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/26/18 10:45 CST | | 0 | Source: Official NWS Observations |

The Illinois River near Tahlequah rose above its flood stage of 11 feet at 8:00 am CST on February 24th. The river crested at 19.58 feet at 12:00 pm CST on the 25th, resulting in major flooding. Severe flooding occurred from near Hanging Rock to near Tahlequah where cabins and parks were severely flooded and portions of Highway 10 were impassable. The river fell below flood stage at 10:45 am CST on the 26th.

| | | | | |
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| ADAIR COUNTY --- 1.5 WNW CHEWEY [36.11, -94.79], 1.8 SW CHEWEY [36.08, -94.79], 3.2 E CHEWEY [36.09, -94.71], 1.8 ENE CHEWEY [36.11, -94.74] | | | | |
| | 02/24/18 09:15 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/25/18 19:30 CST | | 0 | Source: Official NWS Observations |

The Illinois River near Chewey rose above its flood stage of 12 feet at 9:15 am CST on February 24th. The river crested at 20.08 feet at 1:15 am CST on the 25th, resulting in major flooding. This crest was the fifth highest crest ever recorded at this site. Very severe flooding occurred from near Fidler's Bend to near Hanging Rock, with numerous cabins flooded in permanent campgrounds, and portions of Chewey Road inundated east of Chewey Bridge. The river fell below flood stage at 7:30 pm CST on the 25th.

A slow-moving, strong cold front moved through eastern Oklahoma on the 20th and 21st. Very moist air resided across the region ahead of the front. Widespread showers and thunderstorms developed over the area as the front moved into eastern Oklahoma, and the unseasonably moist air supported heavy rainfall with this activity. Additional heavy rainfall occurred on the 23rd. Much of eastern Oklahoma received between six and ten inches of rain over a 7-day period during this active weather pattern. This excessive rainfall resulted in moderate to major river flooding in the Lower Arkansas River Basin.

OKLAHOMA, Extreme Southeast

| | | | | |
|--|--------------------|--|---|---------------------------------|
| <hr/> | | | | |
| MCCURTAIN COUNTY --- 1.2 NNE BROKEN BOW [34.05, -94.72], 1.1 NNE BROKEN BOW [34.04, -94.72], 1.1 NNE BROKEN BOW [34.04, -94.72], 1.2 NNE BROKEN BOW [34.05, -94.72] | | | | |
| | 02/21/18 08:14 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/21/18 12:45 CST | | 0 | Source: Emergency Manager |

A Dodge truck drove around a barricade on Currence Road near Yunabee Creek and attempted to drive through floodwaters after the creek overflowed its banks. The truck was washed away into the creek, but the two male occupants were able to escape the truck through a window uninjured and call police.

| | | | | |
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| MCCURTAIN COUNTY --- 0.4 NNW SLIM [34.09, -95.10], 4.2 SW NORTH VALIANT [33.95, -95.14], 1.0 SE BOSS [33.82, -94.86], 7.2 SW HOCHATOWN [34.14, -94.77], 5.4 S ALIKCHI [34.20, -95.01] | | | | |
| | 02/22/18 12:42 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 16:30 CST | | 0 | Source: Fire Department/Rescue |

Storm Data and Unusual Weather Phenomena - February 2018

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

Snow Arena Road, Sharps Road near Highway 37, and Tree Farm Road were closed due to flooding. Many other low lying areas were covered in high water as well.

An upper level low pressure system progressed east southeast from the Pacific Northwest into the Central and Southern Rockies on the morning of February 20th, reinforcing a cold front slowly southeast into Southeast Oklahoma, Northeast Texas, and Southwest Arkansas during the late evening and early morning hours of February 20th-21st. A deep southwest flow aloft was present along and behind the front across the Southern Plains and Mississippi Valley, with weak embedded disturbances in the flow helping to enhance the development of scattered to numerous showers and thunderstorms along and behind the front. A warm, moist, and weakly unstable air mass spread north ahead of the front into Northeast Texas, Southeast Oklahoma, Southwest Arkansas, and North Louisiana, with the southwest flow aloft tapping into the subtropical jet, thus transporting Pacific moisture northeast along and behind the front. Periods of moderate to at times, heavy rainfall fell along and behind the front across Southeast Oklahoma, and persisted throughout the early afternoon hours on the 21st before diminishing. However, additional moderate to heavy rainfall developed and fell across much of Southeast Oklahoma throughout the 22nd. Widespread rainfall amounts of seven to in excess of nine inches fell across McCurtain County, which resulted in periods of flash flooding.

| | | | | |
|---|--------------------|---|---|------------------------------|
| MCCURTAIN COUNTY --- 3.5 SSW NORTH VALIANT [33.96, -95.13] | 02/24/18 12:24 CST | 0 | 0 | Thunderstorm Wind (EG 65 kt) |
| | 02/24/18 12:24 CST | | | Source: Law Enforcement |

Damaging winds resulted in significant damage to a home southwest of Valliant.

| | | | | |
|---|--------------------|---|---|------------------------------|
| MCCURTAIN COUNTY --- 4.2 SSW NORTH VALIANT [33.95, -95.14] | 02/24/18 12:24 CST | 0 | 0 | Thunderstorm Wind (EG 65 kt) |
| | 02/24/18 12:24 CST | | | Source: Emergency Manager |

A travel trailer was flipped over on its roof by thunderstorm winds.

| | | | | |
|--|--------------------|---|---|------------------------------|
| MCCURTAIN COUNTY --- 0.6 NE NORTH VALIANT [34.01, -95.09] | 02/24/18 12:26 CST | 0 | 0 | Thunderstorm Wind (EG 61 kt) |
| | 02/24/18 12:26 CST | | | Source: Law Enforcement |

Several trees were blown down across the city of Valliant.

| | | | | |
|---|--------------------|---|---|------------------------------|
| MCCURTAIN COUNTY --- 2.0 ESE NORTH VALIANT [33.99, -95.07] | 02/24/18 12:30 CST | 0 | 0 | Thunderstorm Wind (EG 56 kt) |
| | 02/24/18 12:30 CST | | | Source: Emergency Manager |

Thunderstorms winds damaged a home on Roy Roberts Road.

| | | | | |
|---|--------------------|---|---|------------------------------|
| MCCURTAIN COUNTY --- 0.9 N WRIGHT CITY [34.06, -95.00] | 02/24/18 12:40 CST | 0 | 0 | Thunderstorm Wind (EG 56 kt) |
| | 02/24/18 12:40 CST | | | Source: Broadcast Media |

Multiple tree limbs were downed across Wright City.

| | | | | |
|---|--------------------|---|---|---------------------------------|
| MCCURTAIN COUNTY --- 4.7 SSW NORTH VALIANT [33.94, -95.14], 2.8 NNW VALLIANT [34.05, -95.15], 1.8 WNW WRIGHT CITY [34.06, -95.03], 0.9 SW FARMERS HILL [33.91, -95.03] | 02/24/18 13:50 CST | 0 | 0 | Flash Flood (due to Heavy Rain) |
| | 02/24/18 15:30 CST | | | Source: Emergency Manager |

High water flowing across numerous roads in and around Valliant.

A warm front lifted north into Eastern Oklahoma and Central Arkansas during the morning hours of February 24th, resulting in a large warm and humid air mass across the Ark-La-Tex region. Meanwhile, showers and thunderstorms increased across North Texas during the morning as well, ahead of a strong upper trough that ejected east across the Southern Plains and Mississippi Valley. This trough also drove an attendant cold front into Southeast Oklahoma and East Texas during the afternoon, with numerous showers and thunderstorms noted along and ahead of the front. The air mass ahead of the front was moderately unstable, allowing the storms to intensify and become severe as they moved into McCurtain County Oklahoma and portions of Southwest Arkansas, resulting in damaging winds which downed numerous trees and resulted in structural damage of several homes, while flipping over a travel trailer. These storms also produced heavy rain while moving repeatedly over the same areas, resulting in flash flooding, given that the grounds were still saturated from excessive rainfall that had fallen over the prior several days.

| | | | | |
|--|--|--|--|--|
| MCCURTAIN COUNTY --- 1.7 N RUFE [34.15, -95.15], 2.6 S RUFE [34.08, -95.15], 0.2 SE SLIM [34.08, -95.10], 2.6 NE RUFE [34.15, -95.12] | | | | |
|--|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------------|
| | 02/28/18 22:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Law Enforcement |

High water at the intersection of Beaver Dam Road and Grouse Road.

MCCURTAIN COUNTY --- 1.7 NW VALLIANT [34.03, -95.14], 4.7 SW NORTH VALIANT [33.94, -95.15], 3.6 W FARMERS HILL [33.93, -95.08], 3.2 WSW WRIGHT CITY [34.04, -95.06]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/28/18 22:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Law Enforcement |

High water across Roy Roberts Road, Clear Creek Road, as well as numerous road in and near Valliant.

MCCURTAIN COUNTY --- 4.8 NNW GLOVER [34.13, -94.94], 1.9 NNW GARVIN [33.97, -94.94], 1.4 SSW REDLAND [33.90, -94.68], 6.7 N EAGLETOWN [34.13, -94.56]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/28/18 22:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Law Enforcement |

High water on Golden Glover Road, Old Broken Bow Road near the Little River, as well as numerous roads in the Broken Bow area.

MCCURTAIN COUNTY --- 0.5 NNW NORTH VALIANT [34.01, -95.10], 0.2 WNW NORTH VALIANT [34.00, -95.10], 2.1 ESE NORTH VALIANT [33.99, -95.06], 2.1 E NORTH VALIANT [34.00, -95.06]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 02/28/18 22:23 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |

A foot of water covered Highway 70 near Valliant.

A warm, moist, and unstable air mass remained in place across much of the Ark-La-Tex on February 28th, as a warm front quickly returned back north into Southern Kansas and Missouri. A positive tilt upper level trough of low pressure traversed the Southern Plains during the afternoon, thus increasing large scale ascent resulting in showers and thunderstorms becoming numerous during the evening hours along a convergent elevated boundary that extended north of the Interstate 30 corridor of Northeast Texas and Southwest Arkansas. An approaching cold front and dry line from the west also helped to enhance thunderstorm organization, resulting in areas of heavy rain developing atop already saturated ground conditions from heavy rainfall that fell since February 20th. Additional rainfall amounts of 3-5 inches fell across much of Southeast Oklahoma during the afternoon and evening of the 28th, which continued into the morning hours of March 1st. This resulted widespread flash flooding across McCurtain County, which lingered into the predawn hours on March 1st.

OKLAHOMA, Western, Central and Southeast

(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z017) BLAINE, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (OK-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-Z025) OKLAHOMA, (OK-Z026) LINCOLN, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC, (OK-Z043) COAL, (OK-Z044) COTTON, (OK-Z045) JEFFERSON, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA, (OK-Z050) LOVE, (OK-Z051) MARSHALL, (OK-Z052) BRYAN

| | | | | |
|--|--------------------|--|---|---------|
| | 02/01/18 00:00 CST | | 0 | Drought |
| | 02/28/18 23:59 CST | | 0 | |

Extreme and severe drought spread further through Oklahoma through the first half of the month. Toward the last week of February, rainfall brought some relief to the central third of Oklahoma, confining the severe and extreme drought areas to western Oklahoma.

(OK-Z030) POTTAWATOMIE

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/06/18 17:30 CST | | 0 | Winter Weather |
| | 02/06/18 17:30 CST | | 0 | |

Patchy freezing drizzle fell on roadways across parts of central Oklahoma on the 6th.

(OK-Z014) ROGER MILLS

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/15/18 12:00 CST | | 0 | Wildfire |
| | 02/15/18 21:00 CST | | 0 | |

Grass fires burned approximately 500 acres in Roger Mills county on the 15th.

(OK-Z005) WOODS

| | | |
|--------------------|---|----------|
| 02/18/18 12:00 CST | 0 | Wildfire |
| 02/18/18 21:00 CST | 0 | |

The Red Horse fire burned approximately 2549 acres in Woods county on the 18th.

(OK-Z008) KAY, (OK-Z012) GARFIELD, (OK-Z024) CANADIAN, (OK-Z025) OKLAHOMA, (OK-Z027) GRADY, (OK-Z051) MARSHALL

| | | |
|--------------------|---|----------------|
| 02/20/18 07:00 CST | 0 | Winter Weather |
| 02/22/18 14:00 CST | 0 | |

(OK-Z023) CADDO, (OK-Z028) MCCLAIN, (OK-Z030) POTTAWATOMIE, (OK-Z038) COMANCHE, (OK-Z040) GARVIN, (OK-Z047) JOHNSTON, (OK-Z052) BRYAN

| | | |
|--------------------|---|-----------|
| 02/20/18 09:00 CST | 0 | Ice Storm |
| 02/22/18 14:00 CST | 0 | |

A strong, shallow cold front pushed through pulling temperatures below freezing. With abundant moisture in the area, widespread showers developed post-frontal and slowly moved off eastward on the 20th. The tail end of these showers was behind the freezing line, resulting in freezing rain and sleet. A second round of showers developed post-frontal on the 21st under the influence of isentropic lift. With the cold air firmly in place, most of the precipitation that fell was either freezing rain or sleet (sleet was fairly widespread across the area). Yet, a third round of precipitation developed on the 22nd. Subfreezing temperatures persisted into early afternoon allowing more freezing rain and sleet to fall.

Despite efforts to gather reports, this event likely has data gaps. Beginning and ending times for events are estimates and include all three rounds of winter precipitation. It should also be noted that throughout this whole time period, even small accumulations from freezing drizzle caused fairly widespread travel impacts.

CLEVELAND COUNTY --- 8.5 W MOORE [35.35, -97.64]

| | | |
|--------------------|---|----------------|
| 02/20/18 07:33 CST | 0 | Hail (0.75 in) |
| 02/20/18 07:33 CST | 0 | Source: Public |

Storms formed along a cold front on the morning of the 20th, producing sub-severe hail.

JEFFERSON COUNTY --- 4.0 SE RYAN [33.98, -97.90]

| | | |
|--------------------|---|----------------------|
| 02/24/18 06:20 CST | 0 | Hail (1.00 in) |
| 02/24/18 06:20 CST | 0 | Source: Social Media |

Storms formed off a warm front in central Texas and propagated northward. One produced a severe hail report early on the 24th.

OREGON, Central and East

UMATILLA COUNTY --- GIBBON [45.70, -118.35], 1.8 E THORN HOLLOW [45.68, -118.43], 1.6 W MINTHORN [45.67, -118.61], 1.8 NW MINTHORN [45.69, -118.61], 1.3 NE THORN HOLLOW [45.70, -118.45], 1.3 NW GIBBON [45.71, -118.37]

| | | |
|--------------------|---|---------------------------|
| 02/04/18 10:00 PST | 0 | Flood (due to Heavy Rain) |
| 02/05/18 02:30 PST | 0 | Source: River/Stream Gage |

Umatilla near Gibbon - Flood stage 7.0 feet. River went above flood stage at 1000 PST on the 4th, cresting at 7.5 feet at 1845 PST on the 4th, then went below flood stage at 230 PST on the 5th.

Two to three inches of rain fell along the west slopes of the Blue Mountains from February 1st through 4th. The increased runoff caused high water levels and minor flooding along the Umatilla and Walla Walla Rivers.

(OR-Z502) NORTHERN BLUE MOUNTAINS

| | | |
|--------------------|---|------------|
| 02/14/18 04:37 PST | 0 | Heavy Snow |
| 02/14/18 23:30 PST | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

A cold front moved south from Washington through eastern Oregon February 13th and 14th. This front caused widespread snow across the area. Persist upslope flow into the Northern Blue Mountains of Oregon resulted in additional accumulations.

(OR-Z041) EASTERN COLUMBIA RIVER GORGE, (OR-Z044) LOWER COLUMBIA BASIN, (OR-Z502) NORTHERN BLUE MOUNTAINS, (OR-Z503) SOUTHERN BLUE MOUNTAINS, (OR-Z507) FOOTHILLS OF THE NORTHERN BLUE MOUNTAINS OF OREGON, (OR-Z508) FOOTHILLS OF THE SOUTHERN BLUE MOUNTAINS OF OREGON, (OR-Z509) EAST SLOPES OF THE OREGON CASCADES, (OR-Z510) NORTH CENTRAL OREGON

| | | |
|--------------------|---|-----------------------|
| 02/17/18 11:30 PST | 0 | High Wind (MAX 78 kt) |
| 02/17/18 19:00 PST | 0 | |

A Pacific storm system moved across the region causing strong winds over a good portion of the area from late morning into the evening.

(OR-Z502) NORTHERN BLUE MOUNTAINS

| | | |
|--------------------|---|------------|
| 02/23/18 16:00 PST | 0 | Heavy Snow |
| 02/24/18 17:00 PST | 0 | |

A pair of disturbances brought snow to the region late Friday February 23rd and on Saturday February 24th. The most significant snow fall occurred in the northern Blue mountains.

OREGON, Northwest

(OR-Z003) COAST RANGE OF NW OREGON, (OR-Z012) CASCADE FOOTHILLS IN LANE COUNTY

| | | |
|--------------------|---|------------|
| 02/18/18 06:00 PST | 0 | Heavy Snow |
| 02/18/18 18:00 PST | 0 | |

Cold low pressure system brought snow levels down near the Valley Floor. Though temperatures at the Valley Floor were a bit too warm for much accumulating snow, up in the Coast Range and Cascade Foothills, snow accumulated quickly with amounts generally around 5 to 10 inches.

(OR-Z005) LOWER COLUMBIA, (OR-Z006) GREATER PORTLAND METRO AREA, (OR-Z010) NORTH OREGON CASCADES FOOTHILLS, (OR-Z014) UPPER HOOD RIVER VALLEY, (OR-Z015) WESTERN COLUMBIA RIVER GORGE, (OR-Z016) CENTRAL COLUMBIA RIVER GORGE

| | | |
|--------------------|---|------------|
| 02/20/18 09:00 PST | 0 | Heavy Snow |
| 02/20/18 23:00 PST | 0 | |

A cold low pressure system slid down the coast and stayed offshore, pulling cold air from east of the Cascades into western Oregon. This brought snow levels down to sea level, and moisture from the low pressure system meant snow down to the valley floor in the north Willamette Valley, and snow down to the Coast Range and Cascade Foothills farther south.

(OR-Z001) NORTHERN OREGON COAST

| | | |
|--------------------|---|----------------|
| 02/21/18 18:40 PST | 0 | Winter Weather |
| 02/21/18 21:30 PST | 0 | |

Low pressure system drifting southward along the Oregon Coast pulled cold air all the way to the coast and brought snow levels down to sea level. This allowed for snow accumulations all the way down to coastal communities. We also saw around 1-3 inches of snow inland in the Willamette Valley, but there were no known impacts.

(OR-Z011) NORTH OREGON CASCADES, (OR-Z013) CASCADES IN LANE COUNTY

| | | |
|--------------------|---|------------|
| 02/25/18 07:00 PST | 0 | Heavy Snow |
| 02/26/18 00:00 PST | 0 | |

A moist low pressure system brought heavy snow to the Cascades. Snow levels started around 1500 ft but rose to settle around 2500 ft for the rest of the event, with most of the snow falling above 2500 ft.

OREGON, Southeast

(OR-Z062) BAKER

| | | |
|--------------------|---|------------|
| 02/25/18 07:00 MST | 0 | Heavy Snow |
| 02/26/18 07:00 MST | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

A snow storm which began on February 25th brought periods of heavy snow to southeastern Oregon including much of Baker County. Snow ended early in the morning on February 26th with totals in Baker City standing at 8 inches of new snow.

OREGON, Southwest

(OR-Z021) SOUTH CENTRAL OREGON COAST

| | | |
|--------------------|---|--------------|
| 02/12/18 22:00 PST | 0 | Frost/Freeze |
| 02/13/18 09:00 PST | 0 | |

Clearing skies and cold dry air combined to bring freezing temperatures to the southern Oregon coast.

(OR-Z021) SOUTH CENTRAL OREGON COAST, (OR-Z022) CURRY COUNTY COAST

| | | |
|--------------------|---|--------------|
| 02/19/18 01:00 PST | 0 | Frost/Freeze |
| 02/19/18 09:00 PST | 0 | |

Clearing skies and cold dry air combined to bring freezing temperatures to the southern Oregon coast.

(OR-Z021) SOUTH CENTRAL OREGON COAST, (OR-Z022) CURRY COUNTY COAST

| | | |
|--------------------|---|--------------|
| 02/20/18 00:00 PST | 0 | Frost/Freeze |
| 02/20/18 09:00 PST | 0 | |

Clearing skies and cold dry air combined to bring freezing temperatures to the southern Oregon coast.

(OR-Z023) CENTRAL DOUGLAS COUNTY, (OR-Z024) EASTERN CURRY COUNTY & JOSEPHINE COUNTY, (OR-Z025) EASTERN DOUGLAS COUNTY FOOTHILLS, (OR-Z026) JACKSON COUNTY

| | | |
|--------------------|---|------------|
| 02/22/18 00:00 PST | 0 | Heavy Snow |
| 02/22/18 11:00 PST | 0 | |

A short wave aloft brought a band of precipitation into a cold air mass that was already in place over southern Oregon in the morning hours on this date. This caused a brief but intense snow event over the area.

(OR-Z021) SOUTH CENTRAL OREGON COAST, (OR-Z022) CURRY COUNTY COAST

| | | |
|--------------------|---|--------------|
| 02/22/18 22:00 PST | 0 | Frost/Freeze |
| 02/23/18 10:00 PST | 0 | |

An unseasonably cold air mass combined with nighttime cooling brought sub-freezing temperatures to the Oregon coast.

(OR-Z026) JACKSON COUNTY, (OR-Z027) SOUTH CENTRAL OREGON CASCADES

| | | |
|--------------------|---|------------|
| 02/25/18 16:00 PST | 0 | Heavy Snow |
| 02/26/18 10:00 PST | 0 | |

A short wave aloft brought a band of precipitation into a cold air mass that was already in place over southern Oregon overnight. This caused a low level snow event over the area.

(OR-Z021) SOUTH CENTRAL OREGON COAST, (OR-Z022) CURRY COUNTY COAST

| | | |
|--------------------|---|--------------|
| 02/26/18 23:00 PST | 0 | Frost/Freeze |
| 02/27/18 09:00 PST | 0 | |

An unseasonably cold air mass combined with nighttime cooling brought sub-freezing temperatures to parts of the Oregon coast.

PENNSYLVANIA, Central

(PA-Z042) SULLIVAN

| | | |
|--------------------|---|--------------|
| 02/04/18 05:00 EST | 0 | Winter Storm |
| 02/04/18 21:00 EST | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

A winter storm produced widespread advisory-level snow across central Pennsylvania. The heaviest snow fell in Sullivan County, where 6 to 8 inches fell within a 12 hour period on February 4, 2018.

(PA-Z006) POTTER, (PA-Z033) SOMERSET, (PA-Z034) BEDFORD, (PA-Z035) FULTON, (PA-Z036) FRANKLIN, (PA-Z037) TIOGA, (PA-Z064) ADAMS

| | | |
|--------------------|---|--------------|
| 02/07/18 00:00 EST | 0 | Winter Storm |
| 02/07/18 18:00 EST | 0 | |

Low pressure traveled up the Ohio Valley and across Pennsylvania, bringing snow and a wintry mix to the area. Snowfall ranged from less than an inch across the southern tier of counties to as much as 8 inches in parts of the northern tier. Southern counties received 0.10 to 0.40 inches of freezing rain.

(PA-Z028) JUNIATA, (PA-Z033) SOMERSET, (PA-Z056) PERRY, (PA-Z057) DAUPHIN, (PA-Z058) SCHUYLKILL, (PA-Z059) LEBANON, (PA-Z063) CUMBERLAND

| | | |
|--------------------|---|--------------|
| 02/17/18 14:00 EST | 0 | Winter Storm |
| 02/18/18 04:00 EST | 0 | |

A quick-moving area of low pressure passed south of Pennsylvania during the evening of Saturday, February 17 and brought a quick period of moderate to heavy snow across south-central Pennsylvania. Snowfall rates of 1-2+" per hour were reported.

PENNSYLVANIA, East

MONTGOMERY COUNTY --- SKIPPACK [40.23, -75.40], 0.3 SSW SKIPPACK [40.23, -75.40], 0.5 NE CREAMERY [40.23, -75.41], 0.3 W SKIPPACK [40.23, -75.41]

| | | |
|--------------------|---|--------------------------------|
| 02/11/18 09:30 EST | 0 | Flood (due to Heavy Rain) |
| 02/11/18 11:30 EST | 0 | Source: Department of Highways |

Flooding on state highway 73 between Bridge and church roads was reported which closed all lanes.

MONTGOMERY COUNTY --- 1.1 ENE SCHWENKSVILLE ARPT [40.26, -75.48], 1.1 W SCHWENKSVILLE ARPT [40.25, -75.52], 1.1 SSW OBELISK [40.27, -75.52], 1.2 N SCHWENKSVILLE ARPT [40.27, -75.50]

| | | |
|--------------------|---|--------------------------------|
| 02/11/18 22:51 EST | 0 | Flood (due to Heavy Rain) |
| 02/12/18 00:51 EST | 0 | Source: Department of Highways |

Flooding on Neiffer road between Game Farm and Big roads which closed all lanes.

Several periods of heavy rain fell along a slow moving frontal boundary across the region. Rainfall amounts ranged one to just over two inches.

(PA-Z055) MONROE

| | | |
|--------------------|---|----------------|
| 02/14/18 05:20 EST | 0 | Winter Weather |
| 02/14/18 07:00 EST | 0 | |

A disturbance in the jet stream and an associated weak trough of low pressure within a relatively moist air mass produced showers across the region. On Tuesday Night March 13th, some breaks in the clouds across the Southern Poconos allowed temperatures to fall into the upper 20s, which lead to some of the precipitation to fall as freezing rain. Freezing rain was reported at the Mount Pocono ASOS.

(PA-Z054) CARBON, (PA-Z055) MONROE, (PA-Z070) DELAWARE, (PA-Z101) WESTERN CHESTER, (PA-Z102) EASTERN CHESTER, (PA-Z103) WESTERN MONTGOMERY, (PA-Z104) EASTERN MONTGOMERY, (PA-Z105) UPPER BUCKS, (PA-Z106) LOWER BUCKS

| | | |
|--------------------|---|----------------|
| 02/17/18 16:00 EST | 0 | Winter Weather |
| 02/18/18 00:00 EST | 0 | |

(PA-Z060) BERKS, (PA-Z061) LEHIGH, (PA-Z062) NORTHAMPTON

| | | |
|--------------------|---|--------------|
| 02/17/18 17:00 EST | 0 | Winter Storm |
| 02/18/18 00:00 EST | 0 | |

Snow moved suddenly into the southern Poconos, Berks County, and the Lehigh Valley during the late afternoon hours on Saturday, February 17, falling at a rate of over 1 inch per hour at times before ending very early Sunday morning, February 18. Snowfall reports of 6 to 8 inches were common across the area. Some of these higher reports spilled over into the northern portions of Bucks and Montgomery counties as well. This snow event shocked peoples' senses given that very warm above-normal temperatures preceded it the day before. Precipitation actually began as rain in and around Philadelphia which limited snowfall totals in those locations. The wet

Storm Data and Unusual Weather Phenomena - February 2018

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

and heavy nature of the snowpack from this storm made shoveling more difficult.

(PA-Z054) CARBON, (PA-Z055) MONROE

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/23/18 07:30 EST | | 0 | Winter Weather |
| | 02/23/18 16:45 EST | | 0 | |

Easterly flow off the Atlantic Ocean combined and a warm front west of the Appalachians lead to an overrunning regime across the region. Temperatures across Carbon and Monroe Counties were cold enough for light freezing rain during the daylight hours of February 23rd.

PENNSYLVANIA, West

(PA-Z007) MERCER, (PA-Z008) VENANGO, (PA-Z023) INDIANA, (PA-Z073) WESTMORELAND, (PA-Z074) WESTMORELAND RIDGES

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/07/18 02:00 EST | | 0 | Winter Weather |
| | 02/07/18 13:00 EST | | 0 | |

(PA-Z009) FOREST, (PA-Z013) LAWRENCE, (PA-Z015) CLARION, (PA-Z016) JEFFERSON, (PA-Z020) BEAVER

| | | | | |
|--|--------------------|--|---|------------|
| | 02/07/18 02:00 EST | | 0 | Heavy Snow |
| | 02/07/18 15:00 EST | | 0 | |

(PA-Z014) BUTLER, (PA-Z021) ALLEGHENY, (PA-Z022) ARMSTRONG, (PA-Z029) WASHINGTON

| | | | | |
|--|--------------------|--|---|--------------|
| | 02/07/18 02:00 EST | | 0 | Winter Storm |
| | 02/07/18 15:00 EST | | 0 | |

Low pressure moved up the western side of the Appalachians Tuesday night, February 6th into the morning hours of Wednesday, February 7th. Initially the precipitation started as snow across the upper Ohio Valley. As the warm air surged north, precipitation type changed to a wintry mix of sleet and freezing rain. Locations in northern West Virginia and southwestern Pennsylvania changed over to rain with temperatures climbing into the upper 30s to lower 40s. Eastern Ohio, the northern West Virginia Panhandle, and locations from central Beaver county, northeast into southern Jefferson county, Pennsylvania switched over to freezing rain. Ice accumulation was around a quarter of an inch for these places. Farther north along the I-80 corridor and parts of interior southeastern Ohio, cold air remained socked in, keeping the precipitation all snow. Several inches of snow fell with the highest amounts located across parts of northern Butler county northeast into Clarion, Jefferson, and Forest counties. For eastern Ohio, Columbiana, Carroll, southwest into Coshocton county around six inches of snow fell.

WESTMORELAND COUNTY --- PRICEDALE [40.13, -79.85], 0.3 W PRICEDALE [40.13, -79.86], 0.4 WSW PRICEDALE [40.13, -79.86], 0.2 SSW PRICEDALE [40.13, -79.85]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/15/18 17:29 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/15/18 22:30 EST | | 0 | Source: Trained Spotter |

Trained spotter reported that the 600 block of Fayette Street is flooding.

WASHINGTON COUNTY --- 0.4 WSW CALIFORNIA [40.07, -79.89], 0.5 S CALIFORNIA [40.06, -79.88], 0.8 SE JEWELL [40.06, -79.89], 0.2 SE JEWELL [40.07, -79.90]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/15/18 18:16 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 17:00 EST | | 0 | Source: Trained Spotter |

Trained spotter reported street flooding around the California University of Pennsylvania Campus.

FAYETTE COUNTY --- 0.6 NNE SOUTH UNIONTOWN [39.91, -79.73], 0.9 W COOLSPRING [39.90, -79.70]

| | | | | |
|--|--------------------|--|-----|---------------------------------------|
| | 02/15/18 18:43 EST | | 50K | Tornado (EF1, L: 1.74 mi , W: 440 yd) |
| | 02/15/18 18:44 EST | | 0 | Source: NWS Storm Survey |

The National Weather Service in Pittsburgh PA confirmed a tornado in Uniontown and North Union Township in Fayette County, western Pennsylvania on February 15th. The tornado started near the intersection of Phillipi Avenue and Pittsburgh Street then traveled eastward for two miles before lifting near Kennedy Street. The worst damage was located between Monroe avenue and North Gallatin avenue where several buildings lost either part or their entire roof. A four level senior living building lost nearly half its roof. There was also numerous power lines down and a destroyed car port on North Gallatin Avenue. Several homes in the Greenpoint / Laurel estates area suffered damage to their roofs as well. The track just missed Laurel Highlands high school and continued just to the south of the school and lifted in the Woodview Terrace area. In that region, tree damage occurred. Through the entire path of the storm, hardwood trees were snapped or uprooted. Several pine trees were uprooted as well.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|------------------------------|
| FAYETTE COUNTY --- 1.1 W COOLSPRING [39.90, -79.70] | | | | |
| | 02/15/18 18:48 EST | | 5K | Thunderstorm Wind (EG 50 kt) |
| | 02/15/18 18:48 EST | | 0 | Source: Public |
| The public reported multiple trees down. | | | | |
| WASHINGTON COUNTY --- 0.5 NW MC GOVERN [40.24, -80.23], 1.3 W CANONSBURG [40.25, -80.22], 0.7 NW CANONSBURG [40.26, -80.21], 1.4 SSE DONALDSONS XRDS [40.25, -80.12], 0.4 WSW LINDEN [40.23, -80.14] | | | | |
| | 02/15/18 19:01 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 17:00 EST | | 0 | Source: Amateur Radio |
| Amateur Radio operator reported that Chartiers Creek was coming out of it's banks on Pine Street near the American Legion. In addition, several roads were reported to be flooded around Houston and Strabane. | | | | |
| ALLEGHENY COUNTY --- 1.4 SW BLAINE HILL [40.25, -79.85], 1.1 SW BLAINE HILL [40.26, -79.84], 0.9 WSW BLAINE HILL [40.26, -79.84], 1.3 E ELIZABETH [40.27, -79.86], 1.2 ESE ELIZABETH [40.26, -79.86] | | | | |
| | 02/15/18 19:28 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 12:00 EST | | 0 | Source: Emergency Manager |
| Emergency manager reported that Scenery Drive at Happy Hollow was closed due to flooding. | | | | |
| WESTMORELAND COUNTY --- WATERFORD [40.25, -79.17], 0.5 NNE WATERFORD [40.26, -79.17], 0.8 NW WATERFORD [40.26, -79.18], 1.1 WNW WATERFORD [40.26, -79.19] | | | | |
| | 02/15/18 19:29 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 14:00 EST | | 0 | Source: Public |
| The public reported that Mill Creek is flooding roadways. | | | | |
| ALLEGHENY COUNTY --- 1.5 NNW BRENTWOOD [40.39, -79.98], 1.2 NNW BRENTWOOD [40.38, -79.98], 1.7 NW BRENTWOOD [40.39, -79.99], 1.8 NNW BRENTWOOD [40.39, -79.98] | | | | |
| | 02/15/18 19:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 10:00 EST | | 0 | Source: Emergency Manager |
| Emergency manager reported that Becks Run Road at Brownsville Road was closed due to flooding. | | | | |
| BEAVER COUNTY --- 0.3 SE INDUSTRY [40.65, -80.42], 0.6 SSE INDUSTRY [40.64, -80.42], 1.0 E INDUSTRY [40.65, -80.40], 0.8 ENE INDUSTRY [40.65, -80.41] | | | | |
| | 02/15/18 21:31 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 10:00 EST | | 0 | Source: Law Enforcement |
| Local law enforcement reported that PA Route 68 is closed in Industry due to flooding. | | | | |
| BUTLER COUNTY --- 0.7 S WHITESTOWN [40.87, -80.05], 1.0 SW WHITESTOWN [40.87, -80.06], 1.2 SW WHITESTOWN [40.87, -80.06], 0.9 SSW WHITESTOWN [40.87, -80.06] | | | | |
| | 02/15/18 22:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 14:00 EST | | 0 | Source: Trained Spotter |
| Trained spotter reported a resident trapped in mobile home on Harmony Road. | | | | |
| FAYETTE COUNTY --- 0.6 WSW COLDBROOK [40.03, -79.59], 1.2 W CONNELLSVILLE [40.02, -79.60], 0.7 WSW CONNELLSVILLE [40.02, -79.59], 0.2 NNE CONNELLSVILLE [40.02, -79.58] | | | | |
| | 02/15/18 22:21 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 20:00 EST | | 0 | Source: Emergency Manager |
| Emergency manager reported that the Dutch Bottom Area has been flooded. | | | | |
| LAWRENCE COUNTY --- 12.9 SSW LEESBURG [40.97, -80.34], 12.9 SSW LEESBURG [40.96, -80.34], 13.2 SSW LEESBURG [40.96, -80.34], 13.2 SSW LEESBURG [40.96, -80.33], 12.8 SSW LEESBURG [40.96, -80.32] | | | | |
| | 02/15/18 23:36 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 14:00 EST | | 0 | Source: Emergency Manager |
| Emergency manager reported that Pennsylvania Ave and Quarry Road are flooded. Savannah Gardner Road flooded and impassable. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|--------------------------------|
| WESTMORELAND COUNTY --- 1.1 W LIGONIER [40.25, -79.25], 1.6 W LIGONIER [40.25, -79.26], 0.9 SSW LIGONIER [40.24, -79.24], 0.5 SE LIGONIER [40.24, -79.22] | | | | |
| | 02/16/18 00:40 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 14:00 EST | | 0 | Source: Emergency Manager |
| Emergency manager reported that Loyalhanna Creek was flooding State Route 30E just south of Millbank. | | | | |
| WASHINGTON COUNTY --- 0.6 NNW GABBY HGTS [40.16, -80.27], 0.3 NNW GABBY HGTS [40.15, -80.27], 0.6 NNE GABBY HGTS [40.16, -80.27], 0.4 SW TYLERDALE JCT [40.17, -80.27] | | | | |
| | 02/16/18 02:02 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 17:00 EST | | 0 | Source: Law Enforcement |
| Local law enforcement reported that State Route 40 was closed at Franklin Farm Road due to flooding. | | | | |
| WESTMORELAND COUNTY --- 0.7 S LOYALHANNA [40.31, -79.38], 0.2 N LATROBE [40.30, -79.38], 0.3 NNW COOPERSTOWN [40.30, -79.37], 0.6 N COOPERSTOWN [40.31, -79.37] | | | | |
| | 02/16/18 02:55 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 08:00 EST | | 0 | Source: Law Enforcement |
| Law enforcement reported that 240 Avenue A was flooded. | | | | |
| ALLEGHENY COUNTY --- 1.1 SW BELLEVUE [40.46, -80.03], 1.5 S BEN AVON [40.48, -80.05], 1.4 NW BELLEVUE [40.48, -80.04], 0.5 SSW BELLEVUE [40.46, -80.03] | | | | |
| | 02/16/18 03:34 EST | | 0 | Debris Flow |
| | 02/16/18 03:34 EST | | 0 | Source: Law Enforcement |
| Local law enforcement reported that Route 65 between the McKees Rocks Bridge and Marshall Avenue is closed due to a landslide. | | | | |
| ARMSTRONG COUNTY --- 0.7 SE CRAIGSVILLE [40.84, -79.64], 0.3 WSW BUFFALO CREEK [40.82, -79.65], 0.8 WSW BUFFALO CREEK [40.81, -79.66], 1.1 WNW BUFFALO CREEK [40.83, -79.67], 0.5 SSW CRAIGSVILLE [40.84, -79.65] | | | | |
| | 02/16/18 07:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 14:00 EST | | 0 | Source: Department of Highways |
| Department of Highways reported that Yellow Dog Road was closed between Craigs ville Road and Airport Road due to flooding. | | | | |
| ARMSTRONG COUNTY --- 1.8 NW CRAIGSVILLE [40.87, -79.67], 2.3 NW CRAIGSVILLE [40.87, -79.68], 2.3 WNW CRAIGSVILLE [40.87, -79.69], 1.6 WNW CRAIGSVILLE [40.85, -79.68], 1.4 NW CRAIGSVILLE [40.86, -79.67] | | | | |
| | 02/16/18 07:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 14:00 EST | | 0 | Source: Department of Highways |
| Department of Highways reported that Nichola Road was flooded between Hindman Hill Road and Valley View Road from Buffalo Creek. | | | | |
| BUTLER COUNTY --- 1.4 N BUTLER GRAHAM ARPT [40.80, -79.95], 1.5 NNE BUTLER GRAHAM ARPT [40.80, -79.94], 1.8 NNE BUTLER GRAHAM ARPT [40.80, -79.93], 1.2 SE RENFREW [40.81, -79.95], 1.4 SSE RENFREW [40.80, -79.96] | | | | |
| | 02/16/18 07:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 07:00 EST | | 0 | Source: Department of Highways |
| Department of highways reported Renfrew road closed between Three Degree Road and Hicks Road owing to flooding along Connoquenessing creek. | | | | |
| BUTLER COUNTY --- 1.4 N WINDWARD HGTS [40.92, -79.88], 0.6 NW WINDWARD HGTS [40.91, -79.89], 0.2 NNW WINDWARD HGTS [40.90, -79.88], 1.5 NNE WINDWARD HGTS [40.92, -79.87], 1.8 N WINDWARD HGTS [40.93, -79.88] | | | | |
| | 02/16/18 07:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 14:00 EST | | 0 | Source: Department of Highways |
| Department of highways reported Oneida Valley road closed between Summit and Oakland Townships owing to flooding likely from Connoquenessing creek. | | | | |
| BUTLER COUNTY --- 1.5 NNE EIDENAU [40.82, -80.11], 2.0 NE EIDENAU [40.82, -80.09], 1.8 ENE MIDDLE LANCASTER [40.86, -80.09], 1.0 ENE MIDDLE LANCASTER [40.86, -80.10] | | | | |
| | 02/16/18 07:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 14:00 EST | | 0 | Source: Department of Highways |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|--------------------------------|
| Department of highways reported Yellow Creek Road closed due to flooding along Yellow Creek between Little Creek road and East Lancaster road. | | | | |
| <hr/> | | | | |
| BUTLER COUNTY --- 2.1 SE BUTLER [40.83, -79.85], 1.5 ESE BUTLER [40.84, -79.86], 1.8 ESE BUTLER [40.84, -79.85], 1.6 W HERMAN [40.83, -79.83], 1.7 W HERMAN [40.83, -79.83] | 02/16/18 07:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 14:00 EST | | 0 | Source: Department of Highways |

Department of highways reported Herman Road flooded between Stutz road and Simon drive.

| | | | | |
|--|--------------------|--|---|--------------------------------|
| <hr/> | | | | |
| INDIANA COUNTY --- 0.5 WSW CUMMINGS [40.70, -79.18], 0.9 N FULTON RUN [40.68, -79.20], 0.6 ENE FULTON RUN [40.67, -79.19], 0.5 SSW CUMMINGS [40.69, -79.17] | 02/16/18 07:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 14:00 EST | | 0 | Source: Department of Highways |

Department of highways reported that State Route 954 was closed between Route 110 and Chambersville Road owing to flooding from Crooked Creek.

| | | | | |
|--|--------------------|--|---|--------------------------------|
| <hr/> | | | | |
| INDIANA COUNTY --- 0.9 NW PURCHASE LINE [40.74, -78.93], 1.1 NW PURCHASE LINE [40.74, -78.94], 0.6 WNW PURCHASE LINE [40.73, -78.93], 0.6 N PURCHASE LINE [40.74, -78.92] | 02/16/18 07:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 14:00 EST | | 0 | Source: Department of Highways |

Department of highways reported Sebring Road closed around Rice Road and Purchase Line Road.

| | | | | |
|---|--------------------|--|---|--------------------------------|
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| INDIANA COUNTY --- 1.1 SSW TRADE CITY [40.86, -79.08], 1.2 NNE GEORGEVILLE [40.85, -79.09], 2.3 W SAVAN [40.81, -79.04], 1.6 WNW SAVAN [40.83, -79.03] | 02/16/18 07:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 07:00 EST | | 0 | Source: Department of Highways |

Department of highways reported West Creek Road was closed between Route 110 and Route 210 owing to flooding along Little Mahoning Creek.

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| INDIANA COUNTY --- 1.3 ENE DIAMONDVILLE [40.67, -78.95], 1.3 WNW PINE FLATS [40.68, -78.94], 0.7 NW PINE FLATS [40.68, -78.93], 0.5 WNW PINE FLATS [40.67, -78.93], 1.3 W PINE FLATS [40.67, -78.94] | 02/16/18 07:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 14:00 EST | | 0 | Source: Department of Highways |

Department of highways reported Wandin Road between Two Lick Road and Hill Road closed due to flooding.

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| INDIANA COUNTY --- 1.3 ESE CHERRY TREE [40.72, -78.81], 2.0 E CHERRY TREE [40.73, -78.79], 1.4 ENE CHERRY TREE [40.74, -78.81], 0.2 SE CHERRY TREE [40.73, -78.83] | 02/16/18 07:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 14:00 EST | | 0 | Source: Department of Highways |

Department of highways reported Route 580 closed between Mahoning Road and Route 219 due to flooding along Cushion Creek.

| | | | | |
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| INDIANA COUNTY --- 2.4 SW WEHRUM [40.46, -78.97], 2.3 SW WEHRUM [40.46, -78.96], 0.8 WSW WEHRUM [40.48, -78.94], 1.1 W WEHRUM [40.48, -78.95] | 02/16/18 07:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 14:00 EST | | 0 | Source: Department of Highways |

Department of highways reported Wehrum Road closed between Mack Road and Plowman Road owing to flooding along Blacklick Creek.

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| ALLEGHENY COUNTY --- 0.5 SE GLENDALE [40.40, -80.09], 0.8 WSW ROOK [40.39, -80.08], 0.9 ENE WOODVILLE [40.39, -80.09], 0.5 NNE WOODVILLE [40.39, -80.10] | 02/16/18 07:19 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 10:00 EST | | 0 | Source: Trained Spotter |

Trained spotter reported that Chartiers creek was out of its banks flooding nearby roads.

Waves of heavy rain produced flooding on February 15th through the 16th. A line of thunderstorms developed along a lifting warm front, providing not only for enhancement in the rainfall totals, which ranged from 1-3 inches, but also attributed to shear that supported the development of a short-lived tornado over Uniontown, in Fayette county Pennsylvania. This was the first tornado in February since 1950 for the Pittsburgh Weather Service area of responsibility.

Storm Data and Unusual Weather Phenomena - February 2018

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



One of the homes that was significantly damaged in Uniontown, Fayette County Pennsylvania on Feb 15th. From the Herald-Standard.

(PA-Z074) WESTMORELAND RIDGES, (PA-Z076) FAYETTE RIDGES

| | | |
|--------------------|---|------------|
| 02/17/18 14:00 EST | 0 | Heavy Snow |
| 02/18/18 04:00 EST | 0 | |

A quick moving low pressure brought snow to parts of southwestern Pennsylvania, northern West Virginia, and western Maryland starting the afternoon of the 17th and ending early in the morning on the 18th. The snow started fast with 1-2" per hour accumulations. With a recent warm up, accumulation was largely confined to grassy surfaces. The highest snowfall totals fell in the mountains of northern West Virginia, western Maryland, and the Laurels of southwestern Pennsylvania, where the snow ranged from 6-8 inches in the highest peaks.

ALLEGHENY COUNTY --- 0.8 ENE EAST CARNEGIE [40.43, -80.06], 0.4 N EAST CARNEGIE [40.43, -80.07], 0.2 SSW EAST CARNEGIE [40.42, -80.07], 0.4 ESE EAST CARNEGIE [40.42, -80.06]

| | | |
|--------------------|---|-------------------------|
| 02/22/18 07:02 EST | 0 | Debris Flow |
| 02/22/18 10:00 EST | 0 | Source: 911 Call Center |

County 911 reported a landslide along Noblestown Road with trees and wires down.

WASHINGTON COUNTY --- 1.3 SW EAST WASHINGTON [40.17, -80.23], 0.2 WNW MANIFOLD [40.20, -80.22], 0.4 E WOLFDAL [40.18, -80.26], 0.4 SE LINCOLN HILL [40.17, -80.28], 0.7 NW GABBY HGTS [40.16, -80.28]

| | | |
|--------------------|---|---------------------------|
| 02/22/18 07:02 EST | 0 | Flood (due to Heavy Rain) |
| 02/22/18 16:00 EST | 0 | Source: State Official |

State official reported several roads closed due to flooding around Washington. These include: State Route 40 at Franklin Farm Road, South Main Street at Park Avenue, Houston Street, Chartiers Street, and Washington Avenue.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|---------------------------|
| WASHINGTON COUNTY --- 1.3 WNW COURTNEY [40.23, -79.99], 0.2 E FINLEYVILLE [40.25, -80.02], 1.2 NNW ELRAMA [40.27, -79.94], 0.2 SSW ELRAMA [40.25, -79.93] | | | | |
| | 02/22/18 07:02 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 16:00 EST | | 0 | Source: State Official |
| State official reported flooding at the intersection of Courtney Hill Road and Patterson Road, on State Route 88 at Airport Road, and on Finley-Elrama Road . | | | | |
| WESTMORELAND COUNTY --- 1.3 ENE PLEASANT VLY [40.39, -79.65], 1.0 ENE PLEASANT VLY [40.39, -79.65], 1.0 ESE PLEASANT VLY [40.38, -79.65], 1.1 WNW MC CULLOUGH [40.38, -79.65] | | | | |
| | 02/22/18 07:08 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 12:00 EST | | 0 | Source: State Official |
| State official reported Boxcartown Road was flooded. | | | | |
| ALLEGHENY COUNTY --- 0.7 N RIVERTON [40.36, -79.85], 0.5 NNW RIVERTON [40.36, -79.85], 1.0 NE RIVERTON [40.36, -79.84], 1.0 NNE RIVERTON [40.36, -79.84] | | | | |
| | 02/22/18 08:31 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 16:00 EST | | 0 | Source: State Official |
| State official reported that PennDOT closed the raps at the Mckeesport-Duquesne Bridge along Route 837 as a result of flooding. | | | | |
| WESTMORELAND COUNTY --- 1.7 WNW LOYALHANNA [40.33, -79.41], 1.6 WNW LOYALHANNA [40.33, -79.41], 1.2 WNW LOYALHANNA [40.33, -79.40], 1.6 W LOYALHANNA [40.32, -79.41] | | | | |
| | 02/22/18 08:54 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 12:00 EST | | 0 | Source: State Official |
| State official reported that Crabtree Road was flooded where the bridge passes over the creek in Latrobe. | | | | |
| ALLEGHENY COUNTY --- 1.5 NNW BRENTWOOD [40.39, -79.98], 1.6 NNW BRENTWOOD [40.39, -79.99], 1.8 S OPTION [40.40, -79.98], 2.0 NW BALDWIN [40.40, -79.97] | | | | |
| | 02/22/18 09:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 16:00 EST | | 0 | Source: State Official |
| State official reported that Becks Run Road was closed between Agnew Street and Hopeland Street as a result of rising water. | | | | |
| WASHINGTON COUNTY --- 1.7 WSW BOWER HILL [40.26, -80.10], 1.2 SE THOMPSONVILLE [40.27, -80.10], 1.1 WSW BOWER HILL [40.27, -80.09], 1.4 WSW BOWER HILL [40.26, -80.09] | | | | |
| | 02/22/18 09:01 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 12:00 EST | | 0 | Source: State Official |
| State official reported flooding along Johnston Road. | | | | |
| WESTMORELAND COUNTY --- 1.3 ESE CARBON [40.27, -79.55], 1.2 SSE CARBON [40.26, -79.56], 1.1 SSE CARBON [40.26, -79.56], 1.0 SE CARBON [40.27, -79.55] | | | | |
| | 02/22/18 09:36 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 12:00 EST | | 0 | Source: State Official |
| State official reported that Broadway Avenue was flooded in Greensburg. | | | | |
| WASHINGTON COUNTY --- 0.5 E MC CONNELLS MILL [40.25, -80.24], 0.3 NNE MC CONNELLS MILL [40.25, -80.25], 0.9 ENE MC CONNELLS MILL [40.26, -80.24], 1.0 E MC CONNELLS MILL [40.25, -80.23] | | | | |
| | 02/22/18 09:41 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 12:00 EST | | 0 | Source: State Official |
| State official reported that the 600 block of Western avenue was flooded. | | | | |
| WASHINGTON COUNTY --- 1.3 ESE MONONGAHELA [40.19, -79.91], 0.9 SE MONONGAHELA [40.19, -79.92], 0.9 ESE MONONGAHELA [40.20, -79.91], 1.6 ESE MONONGAHELA [40.19, -79.90] | | | | |
| | 02/22/18 09:41 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 12:00 EST | | 0 | Source: State Official |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|---------------------------|
| State official reported that the 600 block of East Main Street was flooded in Monongahela. | | | | |
| <hr/> | | | | |
| WASHINGTON COUNTY --- 1.3 ESE TAYLORSTOWN STATION [40.14, -80.35], 1.0 SE TAYLORSTOWN STATION [40.14, -80.35], 1.4 SE TAYLORSTOWN STATION [40.14, -80.35], 1.9 ESE TAYLORSTOWN STATION [40.14, -80.34] | | | | |
| | 02/22/18 09:53 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 12:00 EST | | 0 | Source: Emergency Manager |
| Emergency manager reported that State Route 40 at Green Valley road was flooded. | | | | |
| <hr/> | | | | |
| WESTMORELAND COUNTY --- YUKON [40.22, -79.68], 0.1 W YUKON [40.22, -79.68], 0.4 SSW YUKON [40.21, -79.68], 0.4 S YUKON [40.21, -79.68] | | | | |
| | 02/22/18 09:57 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 12:00 EST | | 0 | Source: State Official |
| State official reported flooding on Yukon Road. | | | | |
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| WASHINGTON COUNTY --- 0.9 NE SUDAN [40.18, -79.96], 0.8 ENE SUDAN [40.17, -79.96], 0.7 WSW FRYE [40.18, -79.94], 0.9 WNW FRYE [40.19, -79.94] | | | | |
| | 02/22/18 10:03 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 12:00 EST | | 0 | Source: State Official |
| State official reported that Route 2023 along Pigeon Creek was flooded. | | | | |
| <hr/> | | | | |
| ALLEGHENY COUNTY --- 1.6 NNW BLAINE HILL [40.29, -79.84], 1.3 ESE VERSAILLES [40.31, -79.83], 1.3 SSE MC KEESPORT [40.31, -79.82], 1.1 WNW COULTER [40.31, -79.82], 1.3 N BLAINE HILL [40.29, -79.83] | | | | |
| | 02/22/18 10:21 EST | | 0 | Debris Flow |
| | 02/22/18 12:00 EST | | 0 | Source: 911 Call Center |
| County 911 reported that Boston Hollow Road was closed between Smithfield Street and Mansfield Road as a result of a landslide that brought down a tree, utility pole, and wires. | | | | |
| <hr/> | | | | |
| WESTMORELAND COUNTY --- 1.3 ENE MARK ACRES [40.36, -79.70], 1.4 ENE MARK ACRES [40.36, -79.69], 1.1 ENE MARK ACRES [40.35, -79.70], 1.1 ENE MARK ACRES [40.36, -79.70] | | | | |
| | 02/22/18 10:22 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 12:00 EST | | 0 | Source: State Official |
| State official reported flooding at Paden Road and Penwoods Drive. | | | | |
| <hr/> | | | | |
| WESTMORELAND COUNTY --- DERRY [40.33, -79.30], 1.6 WNW SEGER [40.38, -79.31], 1.1 ENE HILLSIDE [40.38, -79.25], 1.1 SSE MILLWOOD [40.34, -79.27] | | | | |
| | 02/22/18 10:37 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 12:00 EST | | 0 | Source: Emergency Manager |
| Emergency manager reported flooding along Hunter Road as well as Route 217. | | | | |
| <hr/> | | | | |
| WASHINGTON COUNTY --- 1.2 NW LINDEN [40.24, -80.14], 1.1 NNW LINDEN [40.24, -80.14], 0.8 NNW LINDEN [40.24, -80.14], 0.9 NW LINDEN [40.24, -80.14] | | | | |
| | 02/22/18 10:40 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 12:00 EST | | 0 | Source: State Official |
| State official reported roadway flooding at Linden Creek and Walker roads. | | | | |
| <hr/> | | | | |
| WESTMORELAND COUNTY --- 1.4 SW WEST NEWTON [40.21, -79.79], 1.1 WSW WEST NEWTON [40.21, -79.79], 1.2 WSW WEST NEWTON [40.21, -79.79], 1.6 SW WEST NEWTON [40.20, -79.79], 1.6 SW WEST NEWTON [40.20, -79.79] | | | | |
| | 02/22/18 10:41 EST | | 0 | Debris Flow |
| | 02/22/18 12:00 EST | | 0 | Source: 911 Call Center |
| Local 911 call center reported a mudslide with a tree down blocking Rostraver Road between Route 136 and Pollack Run Road. Road is caving in. | | | | |
| <hr/> | | | | |
| WESTMORELAND COUNTY --- BOQUET [40.38, -79.60], 0.2 N BOQUET [40.38, -79.60], 0.3 WNW BOQUET [40.38, -79.60], 0.4 W BOQUET [40.38, -79.61] | | | | |
| | 02/22/18 10:49 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 13:00 EST | | 0 | Source: State Official |
| State official reported that Boquet Road was flooded. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------|
| WESTMORELAND COUNTY --- 0.9 SE MARK ACRES [40.34, -79.71], 0.8 ESE MARK ACRES [40.34, -79.71], 1.0 ESE MARK ACRES [40.34, -79.70], 0.5 NW NORTH IRWIN [40.34, -79.71] | | | | |
| | 02/22/18 10:59 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 13:00 EST | | 0 | Source: State Official |

State official reported that Paintertown Road was flooded.

WASHINGTON COUNTY --- 0.2 E JEWELL [40.07, -79.90], 0.2 ESE JEWELL [40.07, -79.90], 0.3 ESE JEWELL [40.07, -79.89], 0.4 ESE JEWELL [40.07, -79.89]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/22/18 14:48 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 16:00 EST | | 0 | Source: Public |

The public reported that Pine Run was overflowing its banks onto Mechanic Street playground and onto Second Street.

Over-saturated ground lead to another round of flooding on Feb 22nd, despite rainfall amounts generally under an inch. Several landslides were reported as well as basement flooding in addition to road closures.

PUERTO RICO

(PR-Z001) SAN JUAN AND VICINITY, (PR-Z003) SOUTHEAST, (PR-Z008) NORTHWEST, (PR-Z011) SOUTHWEST

| | | | | |
|--|--------------------|--|----|-------------------------|
| | 02/11/18 00:00 AST | | 4K | Strong Wind (MAX 44 kt) |
| | 02/13/18 00:00 AST | | 0 | |

An unusual strong surface high pressure, combined with a strong low pressure system, to produce a very tight pressure gradient across the area. As a result, strong low level winds dominated the region from February 11 through February 13, 2018. A wind advisory was issued for all Puerto Rico and the U.S. Virgin Islands.

PENUELAS COUNTY --- PENUELAS [18.05, -66.72], 0.6 E PENUELAS [18.05, -66.71]

| | | | | |
|--|--------------------|--|----|----------------|
| | 02/25/18 14:00 AST | | 1K | Hail (0.25 in) |
| | 02/25/18 14:00 AST | | 0 | Source: Public |

Pea size hail was reported around 2 PM AST along road PR-132. Public and social media posts confirmed additional small hail reports.

Showers with thunderstorms developed in the afternoon hours due to the combination of a strong upper level trough and low level moisture. The activity developed across the Cordillera Central of Puerto Rico and moved southwestward along the southern slopes of Puerto Rico.

RHODE ISLAND

(RI-Z001) NORTHWEST PROVIDENCE, (RI-Z003) WESTERN KENT, (RI-Z006) WASHINGTON

| | | | | |
|--|--------------------|--|-----|----------------|
| | 02/14/18 06:30 EST | | 95K | Winter Weather |
| | 02/14/18 09:00 EST | | 0 | |

An area of light freezing rain moved across Rhode Island during the morning rush hour, causing numerous traffic accidents and a few road closures due to icing.

(RI-Z001) NORTHWEST PROVIDENCE

| | | | | |
|--|--------------------|--|---|--------------|
| | 02/17/18 19:30 EST | | 0 | Winter Storm |
| | 02/18/18 07:00 EST | | 0 | |

Low pressure from the Lower Mississippi Valley moved northeast and passed offshore of Nantucket, bringing snow to much of Southern New England from the evening of the 17th through the morning of the 18th.

SOUTH CAROLINA, Northwest

(SC-Z002) PICKENS MOUNTAINS, (SC-Z003) GREENVILLE MOUNTAINS, (SC-Z006) GREATER GREENVILLE, (SC-Z007) SPARTANBURG, (SC-Z008)

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|-----------------|--------------------|-------------------|---------------------|------------------------|
| CHEROKEE | | | | |
| | 02/04/18 04:00 EST | | 0 | Winter Weather |
| | 02/04/18 12:00 EST | | 0 | |

As a wave of low pressure developed and moved along a stationary front over the Deep South, moisture spread into the Upstate South Carolina during the early morning hours of the 4th. The precipitation began as a mixture of rain sleet and snow in many areas. While some light accumulation of sleet and snow was reported across the mountains, all areas transitioned to freezing rain by mid-morning. Ice accretion of .1 to .2 inch was common, but primarily confined to elevated surfaces and vegetation due to temperatures hovering right around freezing.

SOUTH CAROLINA, South Coastal

HAMPTON COUNTY --- MILEY [32.95, -81.03]

| | | | |
|--------------------|--|----|--------------------------------|
| 02/04/18 13:15 EST | | 1K | Thunderstorm Wind (EG 39 kt) |
| 02/04/18 13:16 EST | | 0 | Source: Department of Highways |

A tree was reported down near the intersection of Salkehatchie Highway and Bamberg Highway.

JASPER COUNTY --- 2.1 SSW SWITZERLAND [32.40, -81.01]

| | | | |
|--------------------|--|----|--------------------------------|
| 02/04/18 13:40 EST | | 1K | Thunderstorm Wind (EG 39 kt) |
| 02/04/18 13:41 EST | | 0 | Source: Department of Highways |

A tree was reported down along Interstate 95 near mile marker 15.

(SC-Z050) CHARLESTON

| | | | |
|--------------------|---|----|-------------------------|
| 02/04/18 15:30 EST | | 1K | Strong Wind (MAX 39 kt) |
| 02/04/18 15:31 EST | 1 | 0 | |

A low-topped squall line moved across much of Southeast South Carolina late morning through mid-afternoon hours. The line, associated with little to no lightning, developed within a strongly forced environment and warm sector of a developing surface low across the Midlands of South Carolina. Despite the absence of surface-based instability, the squall line produced sporadic damaging wind gusts as it pushed toward to the South Carolina coast.

(SC-Z044) DORCHESTER

| | | | |
|--------------------|--|-------|-------------------------|
| 02/07/18 01:50 EST | | 2.50K | Strong Wind (MAX 39 kt) |
| 02/07/18 01:51 EST | | 0 | |

Gusty wind conditions developed over the Southeast United States within a warm sector ahead of a cold front approaching from the west late in the day.

SOUTH DAKOTA, Central and North

(SD-Z003) CORSON, (SD-Z015) DEWEY

| | | | |
|--------------------|--|---|---------|
| 02/01/18 00:00 CST | | 0 | Drought |
| 02/28/18 23:59 CST | | 0 | |

The long term severe drought which began in early June continued across western Corson and into extreme northwest Dewey county throughout February.

(SD-Z033) STANLEY, (SD-Z035) HUGHES, (SD-Z045) JONES, (SD-Z048) LYMAN, (SD-Z051) BUFFALO

| | | | |
|--------------------|--|---|------------|
| 02/08/18 06:00 CST | | 0 | Heavy Snow |
| 02/08/18 23:00 CST | | 0 | |

An upper level low pressure area brought heavy snow of 6 to 8 inches to parts of central South Dakota from the morning to the evening hours.

(SD-Z010) EDMUNDS, (SD-Z015) DEWEY, (SD-Z016) POTTER, (SD-Z017) FAULK, (SD-Z018) SPINK, (SD-Z033) STANLEY, (SD-Z034) SULLY, (SD-Z035) HUGHES, (SD-Z036) HYDE, (SD-Z037) HAND, (SD-Z045) JONES, (SD-Z048) LYMAN, (SD-Z051) BUFFALO

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/18/18 15:00 CST | | 0 | Heavy Snow |
| | 02/20/18 08:00 CST | | 0 | |

A couple upper level low pressure troughs brought a couple rounds of heavy snow to parts of central and north central South Dakota. Snowfall amounts of 6 to 11 inches occurred. The first round brought 2 to 4 inches while the second round brought 4 to 7 inches. Some of the heaviest snowfall amounts include, 8 inches at Onida, Fort Pierre, and Highmore, 9 inches at Miller, and 11 inches south of Harrold in Hughes county.

SOUTH DAKOTA, Southeast

| | | | | |
|--|--------------------|--|---|-----------------|
| (SD-Z038) BEADLE, (SD-Z039) KINGSBURY, (SD-Z040) BROOKINGS, (SD-Z054) MINER, (SD-Z055) LAKE, (SD-Z056) MOODY | 02/03/18 23:00 CST | | 0 | Cold/Wind Chill |
| | 02/04/18 12:00 CST | | 0 | |

Arctic air surged southward early on February 4th on gusty northerly winds of 20 to 35 mph. Dangerous wind chills reached -25 to -30.

| | | | | |
|--|--------------------|--|---|----------------|
| (SD-Z050) GREGORY, (SD-Z057) BRULE, (SD-Z058) AURORA, (SD-Z059) DAVISON, (SD-Z060) HANSON, (SD-Z061) MCCOOK, (SD-Z062) MINNEHAHA, (SD-Z063) CHARLES MIX, (SD-Z064) DOUGLAS, (SD-Z065) HUTCHINSON, (SD-Z066) TURNER, (SD-Z067) LINCOLN, (SD-Z068) BON HOMME, (SD-Z069) YANKTON, (SD-Z070) CLAY, (SD-Z071) UNION | 02/05/18 04:00 CST | | 0 | Winter Weather |
| | 02/05/18 13:00 CST | | 0 | |

A disturbance rotating around a large Canadian upper vortex brought a period of enhanced frontogenetic forcing through the Missouri River valley and eastward across northwest Iowa and far southern Minnesota. Snowfall averaged from 2 to 5 inches.

| | | | | |
|---|--------------------|--|---|----------------|
| (SD-Z038) BEADLE, (SD-Z050) GREGORY, (SD-Z052) JEREAULD, (SD-Z053) SANBORN, (SD-Z054) MINER, (SD-Z055) LAKE, (SD-Z056) MOODY, (SD-Z057) BRULE, (SD-Z058) AURORA, (SD-Z059) DAVISON, (SD-Z060) HANSON, (SD-Z061) MCCOOK, (SD-Z062) MINNEHAHA, (SD-Z063) CHARLES MIX, (SD-Z064) DOUGLAS, (SD-Z065) HUTCHINSON, (SD-Z066) TURNER, (SD-Z067) LINCOLN, (SD-Z068) BON HOMME, (SD-Z069) YANKTON, (SD-Z070) CLAY, (SD-Z071) UNION | 02/08/18 08:00 CST | | 0 | Winter Weather |
| | 02/09/18 00:00 CST | | 0 | |

Another in a series of Alberta clipper systems moving across the plains left behind a swath of light to moderate snow accumulations across southeast South Dakota. Much of the area received from 3 to 6 inches snowfall, while wind chills dropped below zero by the end of the time of snowfall.

| | | | | |
|---|--------------------|--|---|-----------------|
| (SD-Z038) BEADLE, (SD-Z039) KINGSBURY, (SD-Z040) BROOKINGS, (SD-Z050) GREGORY, (SD-Z052) JEREAULD, (SD-Z053) SANBORN, (SD-Z054) MINER, (SD-Z055) LAKE, (SD-Z057) BRULE, (SD-Z058) AURORA, (SD-Z059) DAVISON, (SD-Z060) HANSON, (SD-Z063) CHARLES MIX, (SD-Z064) DOUGLAS, (SD-Z065) HUTCHINSON | 02/10/18 03:00 CST | | 0 | Cold/Wind Chill |
| | 02/10/18 10:00 CST | | 0 | |

Following snowfall on the 9th, another center of arctic high pressure built into the northern Plains. Wind chills from -20 to -30 occurred during the early- to mid-morning hours.

| | | | | |
|---|--------------------|--|---|----------------|
| (SD-Z062) MINNEHAHA, (SD-Z066) TURNER, (SD-Z067) LINCOLN, (SD-Z070) CLAY, (SD-Z071) UNION | 02/19/18 05:00 CST | | 0 | Winter Weather |
| | 02/20/18 08:00 CST | | 0 | |

With shallow cold air in place, warm advection associated with a weak wave of low pressure moving northeast from Kansas to Wisconsin produced a shield of light precipitation across southeast South Dakota. While precipitation was a mix of light snow and light freezing drizzle on February 19 which resulted in a light glaze of ice accumulation, a second round of precipitation late on February 19 and early on February 20 brought a dusting of one to three inches of snow.

| | | | | |
|--|--------------------|--|---|----------------|
| (SD-Z038) BEADLE, (SD-Z039) KINGSBURY, (SD-Z040) BROOKINGS, (SD-Z050) GREGORY, (SD-Z052) JEREAULD, (SD-Z053) SANBORN, (SD-Z054) MINER, (SD-Z055) LAKE, (SD-Z056) MOODY, (SD-Z057) BRULE, (SD-Z058) AURORA, (SD-Z059) DAVISON, (SD-Z060) HANSON, (SD-Z061) MCCOOK, (SD-Z063) CHARLES MIX, (SD-Z064) DOUGLAS, (SD-Z065) HUTCHINSON, (SD-Z068) BON HOMME, (SD-Z069) YANKTON | 02/19/18 10:00 CST | | 0 | Winter Weather |
| | 02/20/18 09:00 CST | | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

With shallow cold air in place, warm advection associated with a weak wave of low pressure moving northeast from Kansas to Wisconsin produced a shield of light precipitation across southeast South Dakota. A couple periods of snowfall occurred over the two days, with briefly heavier snowfall later on February 19th and into the early morning of February 20 contributing to 2 to 5 inches accumulation.

(SD-Z038) BEADLE, (SD-Z039) KINGSBURY, (SD-Z050) GREGORY, (SD-Z052) JERAULD, (SD-Z053) SANBORN, (SD-Z054) MINER, (SD-Z056) MOODY, (SD-Z057) BRULE, (SD-Z058) AURORA, (SD-Z059) DAVISON, (SD-Z060) HANSON, (SD-Z062) MINNEHAHA, (SD-Z066) TURNER, (SD-Z067) LINCOLN, (SD-Z068) BON HOMME, (SD-Z069) YANKTON, (SD-Z070) CLAY, (SD-Z071) UNION

| | | |
|--------------------|---|----------------|
| 02/22/18 11:00 CST | 0 | Winter Weather |
| 02/23/18 01:00 CST | 0 | |

A second disturbance in three days traversed the deep western trough, and the associated jet streak produced another area of widespread light to moderate snowfall across southeast South Dakota. Outside a narrow band of heavier snowfall from near Wagner to Salem to Brookings, amounts generally varied from 3 to 6 inches.

(SD-Z040) BROOKINGS, (SD-Z055) LAKE, (SD-Z061) MCCOOK, (SD-Z063) CHARLES MIX, (SD-Z064) DOUGLAS, (SD-Z065) HUTCHINSON

| | | |
|--------------------|---|--------------|
| 02/22/18 12:00 CST | 0 | Winter Storm |
| 02/23/18 01:00 CST | 0 | |

A second disturbance in three days traversed the deep western trough, and the associated jet streak produced another area of snowfall across southeast South Dakota. A narrow band of heavier snowfall produced accumulations from 5 to 8 inches.

(SD-Z038) BEADLE, (SD-Z039) KINGSBURY, (SD-Z040) BROOKINGS, (SD-Z050) GREGORY, (SD-Z052) JERAULD, (SD-Z053) SANBORN, (SD-Z054) MINER, (SD-Z055) LAKE, (SD-Z056) MOODY, (SD-Z057) BRULE, (SD-Z058) AURORA, (SD-Z059) DAVISON, (SD-Z060) HANSON, (SD-Z061) MCCOOK, (SD-Z062) MINNEHAHA, (SD-Z063) CHARLES MIX, (SD-Z064) DOUGLAS, (SD-Z065) HUTCHINSON, (SD-Z066) TURNER, (SD-Z067) LINCOLN, (SD-Z068) BON HOMME, (SD-Z069) YANKTON, (SD-Z070) CLAY, (SD-Z071) UNION

| | | |
|--------------------|---|----------------|
| 02/24/18 07:00 CST | 0 | Winter Weather |
| 02/24/18 15:00 CST | 0 | |

Ejection of the main upper level wave (which had already steered a pair of snow producing systems across the area during the prior week) brought yet another light to moderate snowfall over northwest Iowa, southeast South Dakota, northeast Nebraska and southwest Minnesota. While it generally snowed for five to eight hours at most across southeast South Dakota, a majority of that time found visibility of a mile or less. Snowfall amounts were mainly 1 to 2 inches across far east and southeast South Dakota, and 3 to 5 inches from south central South Dakota into east central South Dakota. As a result of the snowfall rate, roads rapidly became snow-covered and hazardous.

SOUTH DAKOTA, West

(SD-Z024) NORTHERN BLACK HILLS

| | | |
|--------------------|---|------------|
| 02/03/18 12:00 MST | 0 | Heavy Snow |
| 02/04/18 03:00 MST | 0 | |

A storm system brought locally heavy upslope snowfall to the northern Black Hills. Snowfall amounts of four to eight inches fell across the area. Breezy northwest winds produced some patchy blowing snow and reduced visibility.

(SD-Z001) HARDING, (SD-Z012) BUTTE, (SD-Z013) NORTHERN MEADE CO PLAINS, (SD-Z014) ZIEBACH, (SD-Z025) NORTHERN FOOT HILLS, (SD-Z072) STURGIS / PIEDMONT FOOTHILLS, (SD-Z073) SOUTHERN MEADE CO PLAINS

| | | |
|--------------------|---|--------------|
| 02/08/18 00:00 MST | 0 | Winter Storm |
| 02/09/18 02:00 MST | 0 | |

A storm system brought a band of heavy snow to portions of northwestern South Dakota. Snow amounts of six to 12 inches fell from western and southern Harding County to northern Butte, northern Meade, and Ziebach Counties. A narrow band of heavy snow also developed over the northeastern foothills of the Black Hills from Whitewood to Piedmont.

(SD-Z027) SOUTHERN FOOT HILLS, (SD-Z029) SOUTHERN BLACK HILLS, (SD-Z041) FALL RIVER, (SD-Z042) OGLALA LAKOTA

| | | |
|--------------------|---|--------------|
| 02/08/18 18:00 MST | 0 | Winter Storm |
| 02/09/18 12:00 MST | 0 | |

A winter storm brought a band of heavy snow to portions of southwestern South Dakota. Total snowfall of six to 12 inches was reported over much of Fall River County, the southern Black Hills, and southern Oglala Lakota County. Hot Springs received as much as 15 inches.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|---------------------------|
| (SD-Z002) PERKINS, (SD-Z012) BUTTE, (SD-Z013) NORTHERN MEADE CO PLAINS, (SD-Z014) ZIEBACH, (SD-Z024) NORTHERN BLACK HILLS, (SD-Z025) NORTHERN FOOT HILLS, (SD-Z026) RAPID CITY, (SD-Z027) SOUTHERN FOOT HILLS, (SD-Z028) CENTRAL BLACK HILLS, (SD-Z029) SOUTHERN BLACK HILLS, (SD-Z030) CUSTER CO PLAINS, (SD-Z031) PENNINGTON CO PLAINS, (SD-Z032) HAAKON, (SD-Z041) FALL RIVER, (SD-Z042) OGLALA LAKOTA, (SD-Z043) JACKSON, (SD-Z044) BENNETT, (SD-Z046) MELLETTE, (SD-Z047) TODD, (SD-Z049) TRIPP, (SD-Z072) STURGIS / PIEDMONT FOOTHILLS, (SD-Z073) SOUTHERN MEADE CO PLAINS, (SD-Z074) HERMOSA FOOTHILLS | | | | |
| | 02/18/18 03:00 MST | | 0 | Winter Storm |
| | 02/20/18 04:00 MST | | 0 | |
| (SD-Z001) HARDING | | | | |
| | 02/18/18 20:00 MST | | 0 | Winter Weather |
| | 02/19/18 18:00 MST | | 0 | |
| (SD-Z002) PERKINS, (SD-Z012) BUTTE, (SD-Z013) NORTHERN MEADE CO PLAINS, (SD-Z014) ZIEBACH, (SD-Z024) NORTHERN BLACK HILLS, (SD-Z025) NORTHERN FOOT HILLS, (SD-Z026) RAPID CITY, (SD-Z027) SOUTHERN FOOT HILLS, (SD-Z028) CENTRAL BLACK HILLS, (SD-Z029) SOUTHERN BLACK HILLS, (SD-Z030) CUSTER CO PLAINS, (SD-Z031) PENNINGTON CO PLAINS, (SD-Z032) HAAKON, (SD-Z041) FALL RIVER, (SD-Z042) OGLALA LAKOTA, (SD-Z043) JACKSON, (SD-Z044) BENNETT, (SD-Z046) MELLETTE, (SD-Z047) TODD, (SD-Z049) TRIPP, (SD-Z072) STURGIS / PIEDMONT FOOTHILLS, (SD-Z073) SOUTHERN MEADE CO PLAINS, (SD-Z074) HERMOSA FOOTHILLS | | | | |
| | 02/19/18 05:00 CST | | 0 | Winter Storm |
| | 02/20/18 06:00 CST | | 0 | |
| <p>A strong winter storm brought heavy snow to most of western and south central South Dakota. Widespread snowfall amounts of six to 12 inches were reported across much of the area, with locally higher amounts over the northern Black Hills. Far northwestern South Dakota received three to six inches of snow. Breezy conditions on the plains produced patchy blowing snow.</p> | | | | |
| TENNESSEE, Central | | | | |
| (TN-Z032) PUTNAM, (TN-Z033) OVERTON, (TN-Z034) FENTRESS, (TN-Z066) CUMBERLAND, (TN-Z078) WARREN | | | | |
| | 02/01/18 16:00 CST | | 0 | Winter Weather |
| | 02/02/18 01:00 CST | | 0 | |
| <p>An Alberta clipper-type system brought light snow to much of the Upper Cumberland and adjacent counties of eastern Middle Tennessee from the late evening hours on February 1 into the early morning hours on February 2. Up to an inch of snow was reported.</p> | | | | |
| WILSON COUNTY --- 0.6 NNW TAYLORSVILLE [36.28, -86.21], 1.1 ENE TAYLORSVILLE [36.28, -86.18], 2.3 W TUCKERS XRDS [36.20, -86.22], 2.8 SE LEBANON [36.20, -86.26] | | | | |
| | 02/07/18 06:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/07/18 08:00 CST | | 0 | Source: Law Enforcement |
| <p>Wilson County Sheriff Office reported Bluebird Road as well as Big Springs Road near Goshen Road were flooded and impassable east of Lebanon. These areas commonly flood in moderate to heavy rain events.</p> <p>Heavy rain fell across Middle Tennessee from February 6 into February 7 with rainfall totals ranging from 1 to 3 inches. One report of flooding was received in Wilson County.</p> | | | | |
| WILSON COUNTY --- 1.0 NNE EGAN [36.24, -86.34], 2.4 SSW CENTERVILLE [36.25, -86.24], 1.0 N GREENWOOD [36.16, -86.23], 1.5 NW HOLLOWAY [36.16, -86.34] | | | | |
| | 02/10/18 02:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/10/18 04:00 CST | | 0 | Source: Trained Spotter |
| <p>A trained spotter reported some minor street flooding in and around Lebanon.</p> | | | | |
| SUMNER COUNTY --- 0.6 SSE ROCKLAND [36.29, -86.63], 1.4 NNW CAIRO [36.39, -86.38], 0.6 SE ROCK BRIDGE [36.51, -86.37], 0.6 E WHITE HOUSE [36.47, -86.64], 1.4 E MILLERSVILLE [36.37, -86.67] | | | | |
| | 02/10/18 10:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/10/18 12:30 CST | | 0 | Source: Emergency Manager |
| <p>Sumner County Emergency Management reported minor street flooding and a few road closures in western and southern Sumner County.</p> | | | | |
| WILSON COUNTY --- 2.3 ESE LEBANON [36.21, -86.26], 3.4 ESE LEBANON [36.21, -86.24], 0.8 NW SHOP SPGS [36.14, -86.23], 1.6 WSW GREENWOOD [36.14, -86.25] | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/10/18 11:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/10/18 16:00 CST | | 0 | Source: Emergency Manager |

Wilson County Emergency Management reported Bluebird Road at Peyton Road as well as Greenwood Road at Sparta Pike were flooded.

MAURY COUNTY --- 0.3 WSW SPRING HILL [35.75, -86.93], 1.0 ESE SPRING HILL [35.74, -86.91], 0.7 S CULLEOKA [35.47, -86.98], 1.2 WSW CULLEOKA [35.47, -87.00]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/10/18 12:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/10/18 19:00 CST | | 0 | Source: Emergency Manager |

Maury County Emergency Management reported Old Kedron Road between Kedron Road and Duplex Road in Spring Hill was closed due to flooding, an area which commonly floods. Minor flooding was also reported on Graham Road and Valley Creek Road near Culleoka.

HICKMAN COUNTY --- 2.7 WNW BON AQUA [35.97, -87.37], 0.5 NNE BON AQUA [35.96, -87.33], 0.2 WNW BON AQUA [35.95, -87.33], 2.6 WNW BON AQUA [35.96, -87.37]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/10/18 13:00 CST | | 2K | Flood (due to Heavy Rain) |
| | 02/10/18 15:00 CST | | 0 | Source: Trained Spotter |

A trained spotter reported part of Missionary Ridge Road near Bon Aqua was washed out due to flooding.

CUMBERLAND COUNTY --- 1.2 W BURKE [35.77, -85.04], 0.6 NE WESTEL [35.86, -84.74], 5.2 SE ROGERS [35.95, -84.71], 0.5 WSW RINNIE [36.15, -85.04], 2.3 WNW BROWNTOWN [35.96, -85.26]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/10/18 16:00 CST | | 2K | Flood (due to Heavy Rain) |
| | 02/10/18 19:00 CST | | 0 | Source: Emergency Manager |

Cumberland County Emergency Management reported several roads had minor flooded across the county, including Highway 127 N at Potato Farm Road, the southbound lanes of Highway 70 E at Ozone Road, Legion Road at Highway 127 N, the 3600 block of Genesis Road, and Highway 70 at Daysville Road. A tree and power line were also knocked down due to heavy rain along Highway 127 S at the Bledsoe County line.

FENTRESS COUNTY --- 1.0 NW PALL MALL [36.56, -84.98], 2.3 E PALL MALL [36.55, -84.93], 0.8 SE WOLF RIVER [36.52, -84.96], 1.6 WSW PALL MALL [36.54, -85.00]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/10/18 16:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/10/18 18:00 CST | | 0 | Source: Trained Spotter |

A trained spotter reported minor road flooding along the Wolf River and Duck Creek near Pall Mall.

JACKSON COUNTY --- 1.7 SSW GAINESBORO ARPT [36.38, -85.64], 2.4 NNW DODSON BRANCH [36.35, -85.55], 2.0 NW DODSON BRANCH [36.34, -85.55], 2.3 NE MC COINSVILLE [36.35, -85.61], 1.4 NNE GAINESBORO [36.37, -85.64]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/10/18 16:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/10/18 18:00 CST | | 0 | Source: Emergency Manager |

Jackson County Emergency Management reported several portions of the Dodson Branch Highway (TN 135) along the Roaring River east of Gainesboro were flooded and closed.

Another heavy rain event brought 1 to 3 inches of rain to all of Middle Tennessee from February 9 into February 10. Several reports of flooding were received.

ROBERTSON COUNTY --- 5.2 NE ADAMS [36.64, -87.01], 5.6 WNW BARREN PLAIN [36.64, -87.00]

| | | | | |
|--|--------------------|--|-----|---------------------------------------|
| | 02/24/18 15:53 CST | | 25K | Tornado (EF1, L: 0.54 mi , W: 150 yd) |
| | 02/24/18 15:54 CST | | 0 | Source: NWS Storm Survey |

An EF-1 tornado began a half mile south of the Kentucky/Tennessee state line between Hugh Gill Road and Keysburg Road with numerous trees snapped and uprooted. The tornado moved northeast destroying the roof of a barn on Hugh Gill Road before hitting a home on McGhee Road causing significant roof and chimney damage. Maximum winds in Tennessee were estimated to be 95 mph. The tornado then moved into Kentucky where it intensified and traveled for another 11.3 miles, causing EF-2 damage. Please refer to NWS Louisville and Kentucky Storm Data for more information on the Kentucky portion of the path.

HUMPHREYS COUNTY --- 7.9 W CONCORD [36.23, -87.91]

| | | | | |
|--|--------------------|--|----|------------------------------|
| | 02/24/18 20:22 CST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 20:22 CST | | 0 | Source: Trained Spotter |

A tree was blown down at 7600 Greenbrier Creek Road in far northwest Humphreys County.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------------|
| HOUSTON COUNTY --- 0.5 SE TENNESSEE RIDGE [36.31, -87.76] | | | | |
| | 02/24/18 20:29 CST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 20:29 CST | | 0 | Source: Department of Highways |
| A tree was blown down on Highway 147 in Tennessee Ridge. | | | | |
| HOUSTON COUNTY --- TENNESSEE RIDGE [36.32, -87.77] | | | | |
| | 02/24/18 20:30 CST | | 5K | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 20:30 CST | | 0 | Source: Social Media |
| A Facebook report indicated the porch was blown off a home in Tennessee Ridge. | | | | |
| STEWART COUNTY --- 2.7 E CARLISLE [36.44, -87.72] | | | | |
| | 02/24/18 20:36 CST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 20:36 CST | | 0 | Source: Department of Highways |
| A tree was blown down on Highway 233. | | | | |
| HUMPHREYS COUNTY --- 3.3 NNW WAVERLY ARPT [36.16, -87.76] | | | | |
| | 02/24/18 20:47 CST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 02/24/18 20:47 CST | | 0 | Source: Trained Spotter |
| A tree was blown down on Highway 13 around 5 miles NNE of Waverly. | | | | |
| MONTGOMERY COUNTY --- 0.8 NE DOTSONVILLE [36.49, -87.47], 1.2 S NEW PROVIDENCE [36.53, -87.40] | | | | |
| | 02/24/18 20:50 CST | | 1M | Tornado (EF1, L: 5.04 mi , W: 150 yd) |
| | 02/24/18 20:57 CST | | 0 | Source: NWS Storm Survey |
| An EF-1 tornado touched down near the Dotsonville community along Dotsonville Road at Bradley A. Martin Road and moved northeast. Trees were blown down and a few homes suffered minor roof damage on Gip Manning Road and Hunting Creek Road. Hundreds of trees were snapped or uprooted and 12 to 15 homes were damaged on Martin Road, Deepwood Drive, and Deepwood Trail with two homes severely damaged. More trees were blown down east of Rustys Lane and along the Cumberland River before the tornado lifted. Montgomery County Emergency Management estimated damage at 1 million dollars. | | | | |
| MONTGOMERY COUNTY --- 0.6 NW CLARKSVILLE [36.54, -87.36] | | | | |
| | 02/24/18 21:00 CST | | 25K | Thunderstorm Wind (EG 61 kt) |
| | 02/24/18 21:00 CST | | 0 | Source: Trained Spotter |
| A small section of the Dunn Center arena at Austin Peay State University was blown off, leaving a small hole in the roof. An ongoing Austin Peay/Murray State basketball game was delayed by debris from the roof damage and rain water leaking onto the arena floor. One girl was struck by debris falling from the roof and taken to the hospital as a precaution but was uninjured. Near the campus, a grocery store had windows blown out. | | | | |
| MONTGOMERY COUNTY --- 2.6 SE ST BETHLEHEM [36.55, -87.27], 2.1 SSE BELDON [36.57, -87.20] | | | | |
| | 02/24/18 21:03 CST | | 7M | Tornado (EF2, L: 4.07 mi , W: 200 yd) |
| | 02/24/18 21:08 CST | 2 | 0 | Source: NWS Storm Survey |
| An EF-2 tornado touched down in eastern Clarksville on Dunbar Cave Road and moved east-northeast across Interstate 24 north of Rossvie Road before ending on Kirkwood Road. Several trees were blown down at the beginning of the path north of Dunbar Cave Road. Continuing northeast, several outbuildings were damaged at the Rossvie High School football stadium. The tornado crossed I-24 and struck an industrial complex where three buildings were damaged and 75 cars in a parking lot sustained minor damage. The tornado intensified as it crossed Rollow Lane, blowing the roof off one home and downing numerous trees. Four duplexes lost their roofs on Holland Drive and many others were severely damaged. Dozens of homes sustained roof and exterior damage in the Farmington subdivision along Covey Rise Circle, Bainbridge Drive, Green Grove Way, and Edgewater Lane, and one home on Green Grove Way at Covey Rise Circle was shifted off its foundation and completely destroyed, causing two injuries. Another home was heavily damaged west of Gardenia Lane in an area of new homes before the tornado moved across open fields. The last damage was some uprooted trees on Kirkwood Road. Maximum winds were estimated to be 125 mph. Montgomery County Emergency Management estimated the damage from this tornado at 7 million dollars. | | | | |
| ROBERTSON COUNTY --- 1.9 ENE ADAMS [36.59, -87.04], 3.7 W BARREN PLAIN [36.61, -86.99] | | | | |
| | 02/24/18 21:19 CST | | 50K | Tornado (EF1, L: 3.13 mi , W: 150 yd) |
| | 02/24/18 21:24 CST | | 0 | Source: NWS Storm Survey |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|-----------|-------------------|---------------------|------------------------|
| An EF-1 tornado touched down east of Adams near Johnson Springs Road and moved northeast before ending along Buzzard Creek Road. Corn from a farm on the east side of Johnson Springs Road was blown over a quarter of a mile to the northeast. One home suffered minor roof damage on Sturgeon Creek Road and dozens of trees were snapped or uprooted along both Sturgeon Creek Road and Barnes Road. Several barns and outbuildings were damaged or destroyed along a bend of Buzzard Creek Road before the tornado lifted. | | | | |

DICKSON COUNTY --- DICKSON [36.08, -87.38]

| | | |
|--------------------|-----|------------------------------|
| 02/24/18 21:54 CST | 10K | Thunderstorm Wind (EG 52 kt) |
| 02/24/18 21:54 CST | 0 | Source: Trained Spotter |

Several trees were blown down throughout Dickson County.

HICKMAN COUNTY --- 1.3 SSW AETNA [35.63, -87.53]

| | | |
|--------------------|----|------------------------------|
| 02/24/18 22:08 CST | 4K | Thunderstorm Wind (EG 48 kt) |
| 02/24/18 22:08 CST | 0 | Source: Social Media |

A tSpotter Twitter report indicated 3 to 4 trees were blown down onto power lines along Highway 48 around 1 mile north of the Lewis County line.

WILLIAMSON COUNTY --- 2.8 ENE FAIRVIEW [36.00, -87.08]

| | | |
|--------------------|---|------------------------------|
| 02/24/18 22:15 CST | 0 | Thunderstorm Wind (MG 56 kt) |
| 02/24/18 22:15 CST | 0 | Source: Amateur Radio |

A home weather station near the intersection of Highway 100 and Brush Creek Road measured a wind gust of 65 mph.

DAVIDSON COUNTY --- 1.0 SSW RICHLAND [36.14, -86.89]

| | | |
|--------------------|----|------------------------------|
| 02/24/18 22:20 CST | 1K | Thunderstorm Wind (EG 52 kt) |
| 02/24/18 22:20 CST | 0 | Source: Broadcast Media |

A WSMV-TV news crew reported a tree was blown down in West Nashville.

SUMNER COUNTY --- 1.3 NE HENDERSONVILLE [36.29, -86.60]

| | | |
|--------------------|----|------------------------------|
| 02/24/18 22:29 CST | 2K | Thunderstorm Wind (EG 48 kt) |
| 02/24/18 22:29 CST | 0 | Source: Trained Spotter |

A large tree was blown down across power lines near Ridge Drive.

WAYNE COUNTY --- WAYNESBORO [35.32, -87.77]

| | | |
|--------------------|----|------------------------------|
| 02/24/18 22:33 CST | 5K | Thunderstorm Wind (EG 52 kt) |
| 02/24/18 22:33 CST | 0 | Source: Emergency Manager |

Numerous trees were blown down across Wayne County.

An intense storm system brought severe thunderstorms to northwest Middle Tennessee during the late afternoon and evening hours on February 24. One supercell thunderstorm developed along a warm front that moved northward across the area during the afternoon, spawning one tornado along the Kentucky/Tennessee border in Robertson County that then moved northeast into Kentucky. Later in the evening, a Quasi-Linear Convective System (QLCS) moved into the area from the west, spawning three more tornadoes across Montgomery and Robertson Counties which damaged dozens of homes and businesses and caused millions of dollars in damage. The QLCS also caused wind damage in several other counties.

Storm Data and Unusual Weather Phenomena - February 2018

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

Numerous duplexes on Holland Drive in eastern Clarksville, Tennessee were severely damaged by an EF-2 tornado during the evening of February 24, 2018.

Photo by NWS Nashville damage survey team.

TENNESSEE, East

ANDERSON COUNTY --- 0.5 N OAK RIDGE ARPT [36.04, -84.30], 0.5 S OAK RIDGE ARPT [36.02, -84.30], 1.0 WSW OAK RIDGE ARPT [36.02, -84.32], 1.0 WNW OAK RIDGE ARPT [36.04, -84.32]

| | | |
|--------------------|---|---------------------------|
| 02/10/18 19:30 EST | 0 | Flood (due to Heavy Rain) |
| 02/10/18 23:30 EST | 0 | Source: 911 Call Center |

Part of Airport Road closed by flooding.

HANCOCK COUNTY --- 3.0 NE SNEEDVILLE [36.56, -83.18], 3.0 ENE SNEEDVILLE [36.55, -83.17], 1.0 S SNEEDVILLE [36.52, -83.22], 1.0 NW SNEEDVILLE [36.54, -83.23]

| | | |
|--------------------|---|---------------------------|
| 02/10/18 21:00 EST | 0 | Flood (due to Heavy Rain) |
| 02/11/18 01:00 EST | 0 | Source: 911 Call Center |

Portion of Hwy 33 closed.

SCOTT COUNTY --- 8.0 NW ONEIDA [36.58, -84.62], 8.0 NE ONEIDA [36.58, -84.42], 12.0 SSE ONEIDA [36.34, -84.44], 12.0 SSW ONEIDA [36.34, -84.60]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/10/18 23:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 03:00 EST | | 0 | Source: 911 Call Center |

Several road closures across the county.

CLAIBORNE COUNTY --- 1.0 N SPEEDWELL [36.46, -83.87], HARROGATE [36.58, -83.65], 8.0 NE TAZEWELL [36.53, -83.47], 4.0 SE TAZEWELL [36.41, -83.52]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/10/18 23:22 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 10:00 EST | | 0 | Source: 911 Call Center |

Several road closures across the county.

CAMPBELL COUNTY --- 2.0 S JELLICO [36.55, -84.15], 2.0 SW JELLICO [36.56, -84.18], 0.5 N JELLICO [36.59, -84.15], 2.0 ENE JELLICO [36.59, -84.12]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/10/18 23:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 03:30 EST | | 0 | Source: 911 Call Center |

Portion of Hwy 297 near Jellico closed.

BLEDSOE COUNTY --- 2.0 W PIKEVILLE [35.60, -85.24], 5.0 WNW PIKEVILLE [35.63, -85.28], 8.0 NNW PIKEVILLE [35.71, -85.25], 7.0 N PIKEVILLE [35.70, -85.20]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/11/18 04:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 07:30 CST | | 0 | Source: 911 Call Center |

Several roads closed near Mount Crest.

UNION COUNTY --- 5.0 NE MAYNARDVILLE [36.30, -83.74], 5.0 SE MAYNARDVILLE [36.20, -83.74], 5.0 SW MAYNARDVILLE [36.20, -83.86], 5.0 NW MAYNARDVILLE [36.30, -83.86]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/11/18 09:35 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 11:00 EST | | 0 | Source: 911 Call Center |

Several road closures across the county. Some roads covered by debris flows.

At 500 MB, a strong western Atlantic high pressure ridge and a deep low pressure trough over the High Plains were denoted at the surface by a slow-moving cold front over the Mississippi and Ohio River valleys. This resulted in unseasonably warm and humid conditions across east Tennessee and southwest Virginia, and widespread heavy rains.

MARION COUNTY --- 2.0 NW JASPER [35.10, -85.66], 3.0 ENE JASPER [35.10, -85.58], 4.0 SE JASPER [35.04, -85.58], 2.0 SW JASPER [35.06, -85.66]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/28/18 18:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 21:00 CST | | 0 | Source: 911 Call Center |

Two roads closed by flooding near Jasper.

HAMILTON COUNTY --- 6.0 SW CHATTANOOGA [34.99, -85.36], 8.0 NNE CHATTANOOGA [35.16, -85.23], 12.0 ENE CHATTANOOGA [35.12, -85.08], 11.0 ESE CHATTANOOGA [34.99, -85.10]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/28/18 19:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 22:00 EST | | 0 | Source: 911 Call Center |

A few road closures across the county.

Unseasonable warm and moist conditions prevailed east of a frontal boundary located over the Mississippi and Ohio River valleys. Convection produced localized flooding mainly south of I-40.

TENNESSEE, West

CARROLL COUNTY --- 1.8 S MACEDONIA [36.10, -88.42], 1.8 WNW HOLLOW ROCK [36.04, -88.31], 0.8 SSE HUNTINGDON [35.99, -88.42], 1.5 SW HICO [36.05, -88.52]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/21/18 07:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 06:00 CST | | 0 | Source: Emergency Manager |

Heavy rain resulted in the flooding of several roads in Carroll County mainly in the McKenzie and Huntingdon areas.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------|
| DYER COUNTY --- 0.7 W TRIMBLE [36.20, -89.19], 0.4 SSW LAPATA [36.08, -89.18], 1.9 SSW RICHWOOD [35.97, -89.51], 0.5 NE LENOX [36.11, -89.49] | | | | |
| | 02/21/18 07:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 15:00 CST | | 0 | Source: Emergency Manager |
| Heavy rain resulted in the flooding of several roads in Dyer County. | | | | |
| FAYETTE COUNTY --- 3.0 SSW HAYS CROSSING [35.03, -89.49], 1.9 NW GRIFFEN [35.30, -89.52], 2.3 SE LAMBERT [35.30, -89.45], 1.1 ESE MOSCOW [35.06, -89.40], 3.3 SSW MOSCOW [35.03, -89.45] | | | | |
| | 02/21/18 07:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 15:00 CST | | 0 | Source: Emergency Manager |
| Heavy rain resulted in the flooding of several roads in Fayette County. | | | | |
| GIBSON COUNTY --- 0.4 N HUMBOLDT [35.83, -88.92], 1.8 N CADES [36.00, -88.78], 2.2 SSE RUTHERFORD [36.10, -88.96], 4.7 SSE OLD GIBSON WELLS [35.82, -89.00] | | | | |
| | 02/21/18 07:00 CST | | 10K | Flood (due to Heavy Rain) |
| | 02/23/18 15:00 CST | | 0 | Source: Emergency Manager |
| Heavy rain resulted in the flooding of several roads in Gibson County. A culvert washed out on Herman Cavet Road. | | | | |
| HAYWOOD COUNTY --- 1.9 W CUTHBERT SWITCH [35.53, -89.35], 1.3 NNW CUTHBERT SWITCH [35.55, -89.33], 1.0 N CUTHBERT SWITCH [35.54, -89.32], 1.3 W CUTHBERT SWITCH [35.53, -89.34] | | | | |
| | 02/21/18 17:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 12:00 CST | | 0 | Source: Emergency Manager |
| Highway 79 was closed in Haywood County from Bond Ferry Road to Henry Cannon Road. Highway 79 was partially flooded near Mud Creek as well. | | | | |
| CROCKETT COUNTY --- 1.8 SW FRIENDSHIP [35.90, -89.25], 2.9 W CROCKETT MILLS [35.87, -89.22], 1.4 W COXVILLE [35.83, -89.04], 2.0 SW COXVILLE [35.81, -89.04], 2.5 SW MAURY CITY [35.79, -89.26] | | | | |
| | 02/22/18 07:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 15:00 CST | | 0 | Source: Emergency Manager |
| Heavy rain resulted in the flooding of several roads in Crockett County. | | | | |
| BENTON COUNTY --- EVA [36.07, -88.02], CAMDEN [36.05, -88.10], BIG SANDY [36.23, -88.08], 0.8 S FAXON [36.26, -88.00] | | | | |
| | 02/22/18 12:00 CST | | 10K | Flood (due to Heavy Rain) |
| | 02/23/18 06:00 CST | | 0 | Source: Emergency Manager |
| Heavy rain resulted in the flooding of some secondary roads. A few culverts were damaged. | | | | |
| CHESTER COUNTY --- 2.8 N HENDERSON [35.47, -88.67], 2.5 N HENDERSON [35.47, -88.67], 2.9 SW JACKS CREEK [35.44, -88.57], 1.4 SW JACKS CREEK [35.46, -88.55] | | | | |
| | 02/22/18 12:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 15:00 CST | | 0 | Source: Emergency Manager |
| Heavy rain resulted in the flooding of several roads in Chester County including Jacks Creek Road and Old Jackson Road north of Henderson. | | | | |
| HARDEMAN COUNTY --- BOLIVAR [35.27, -89.00], GRAND JCT [35.05, -89.18], MIDDLETON [35.07, -88.90], POCAHONTAS [35.05, -88.82], 2.3 ENE SERLES [35.18, -88.81] | | | | |
| | 02/22/18 12:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 15:00 CST | | 0 | Source: Emergency Manager |
| Heavy rain resulted in the flooding of several county roads in Hardeman County. | | | | |
| HENDERSON COUNTY --- 1.4 NNW CHAPEL HILL [35.62, -88.51], 1.1 S BROADWAY [35.65, -88.47], 0.5 S LEXINGTON [35.64, -88.40], 2.4 ENE PALESTINE [35.59, -88.41] | | | | |
| | 02/22/18 12:00 CST | | 15K | Flood (due to Heavy Rain) |
| | 02/23/18 15:00 CST | | 0 | Source: Emergency Manager |
| Heavy rain resulted in the flooding of several roads in Henderson County. A culvert was washed out on Piney Creek Road. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|--------------------------------------|
| HENRY COUNTY --- SPRINGVILLE [36.25, -88.15], VAN DYKE [36.23, -88.32], HENRY [36.20, -88.42], 2.8 SW NEW HOPE [36.17, -88.29] | | | | |
| | 02/22/18 12:00 CST | | 15K | Flood (due to Heavy Rain) |
| | 02/23/18 15:00 CST | | 0 | Source: Emergency Manager |
| Heavy rain resulted in the flooding of several secondary roads in Henry County. | | | | |
| LAUDERDALE COUNTY --- 1.4 W GLIMP [35.70, -89.67], 0.1 WSW PLEASANT HILL [35.67, -89.67], 0.6 W HENNING [35.67, -89.59], 1.9 NW OPOSSUM [35.74, -89.60] | | | | |
| | 02/22/18 12:00 CST | | 10K | Flood (due to Heavy Rain) |
| | 02/23/18 06:00 CST | | 0 | Source: Emergency Manager |
| Heavy rain resulted in the flooding of Highway 371 and Highway 87. Around a half dozen secondary roads were also flooded. | | | | |
| MADISON COUNTY --- 0.7 NW FAIRVIEW [35.78, -88.86], 0.6 S PERRY [35.57, -88.77], 1.2 N HUNTERSVILLE [35.64, -88.98], 3.7 SSW ADAIR [35.67, -89.00], 1.8 W FAIRVIEW [35.77, -88.88] | | | | |
| | 02/22/18 12:00 CST | | 15K | Flood (due to Heavy Rain) |
| | 02/23/18 15:00 CST | | 0 | Source: Emergency Manager |
| Heavy rain resulted in the flooding of several secondary roads in Madison County. | | | | |
| OBION COUNTY --- 2.1 NNE SAMBURG [36.41, -89.33], 0.7 NNW SPOUT SPGS [36.44, -89.30], 0.8 ENE RIVES [36.38, -89.04], 3.3 N MASON HALL [36.25, -89.09] | | | | |
| | 02/22/18 12:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/23/18 15:00 CST | | 0 | Source: Emergency Manager |
| Heavy rain resulted in the flooding of several roads in Obion County. | | | | |
| TIPTON COUNTY --- 1.0 E TIPTON [35.42, -89.81], 1.3 SSW ATOKA [35.41, -89.79], 1.8 SSW ATOKA [35.41, -89.80], 1.2 ESE TIPTON [35.41, -89.81] | | | | |
| | 02/22/18 12:00 CST | | 10K | Flood (due to Heavy Rain) |
| | 02/23/18 06:00 CST | | 0 | Source: Emergency Manager |
| Heavy rain resulted in the flooding of Meade Lake Road. The bridge was closed due to washing out around the abutment. | | | | |
| WEAKLEY COUNTY --- JEWELL [36.33, -88.62], PALMERSVILLE [36.42, -88.58], LATHAM [36.43, -88.72], 2.1 E RALSTON [36.33, -88.76] | | | | |
| | 02/22/18 12:00 CST | | 15K | Flood (due to Heavy Rain) |
| | 02/23/18 15:00 CST | | 0 | Source: Emergency Manager |
| Heavy rain resulted in the flooding of several secondary roads in Weakley County. | | | | |
| A prolonged period of rainfall was generated along the backside of a slow moving cold front across portions of West Tennessee during the late evening hours of February 21st continuing into February 22nd. Another round of rain moved through parts of West Tennessee during the late evening of February 22 into the morning hours of February 23rd. Areal flooding was common across West Tennessee during this period with many closed roads. | | | | |
| MADISON COUNTY --- 3.1 NE LAWRENCE [35.68, -88.76], 3.6 SE OAKFIELD [35.69, -88.75] | | | | |
| | 02/24/18 12:55 CST | | 0.50K | Thunderstorm Wind (EG 35 kt) |
| | 02/24/18 13:00 CST | | 0 | Source: Fire Department/Rescue |
| Tree down across Watson road just outside of Jackson. | | | | |
| LAUDERDALE COUNTY --- 2.0 NE POPLAR GROVE [35.95, -89.40], 3.7 ENE POPLAR GROVE [35.95, -89.37], 3.2 NNE HALLS [35.91, -89.37], 2.0 SE POPLAR GROVE [35.91, -89.40] | | | | |
| | 02/24/18 17:42 CST | | 0.50K | Flash Flood (due to Heavy Rain) |
| | 02/24/18 21:00 CST | | 0 | Source: Department of Highways |
| State Route 210 northbound and southbound between Jacob drive and the Lauderdale-Dyer County line flooded due to heavy rainfall. | | | | |
| OBION COUNTY --- 2.3 NE ANTIOCH [36.38, -89.29], 0.1 SE DIXIE [36.43, -89.22] | | | | |
| | 02/24/18 18:51 CST | | 50K | Tornado (EF0, L: 5.59 mi , W: 75 yd) |
| | 02/24/18 18:58 CST | | 0 | Source: NWS Storm Survey |
| A weak tornado tracked through rural sections of Obion County knocking down a few trees and damaging a few farm outbuildings. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------------|
| <hr/> | | | | |
| DYER COUNTY --- 1.4 NE NEWBERN [36.14, -89.25], 1.5 NE TEMPLETON [36.19, -89.20] | 02/24/18 19:05 CST | | 20K | Thunderstorm Wind (EG 50 kt) |
| | 02/24/18 19:15 CST | | 0 | Source: Public |
| Multiple trees down on highway between New Bern and Trimble. | | | | |
| <hr/> | | | | |
| OBION COUNTY --- 2.1 WSW UNION CITY [36.41, -89.08], 0.7 SSW GIBBS [36.41, -89.01] | 02/24/18 19:05 CST | | 0 | Thunderstorm Wind (EG 78 kt) |
| | 02/24/18 19:10 CST | | 0 | Source: NWS Storm Survey |
| Straight line winds damaged an auto dealership on the southwest side of Union City. Glass windows were broken and doors were damaged. Power poles were snapped on the southeast side of town. | | | | |
| <hr/> | | | | |
| OBION COUNTY --- 0.2 SSW GIBBS [36.42, -89.00], 1.6 WNW HARRIS [36.46, -88.98] | 02/24/18 19:07 CST | | 2M | Tornado (EF1, L: 3.18 mi , W: 450 yd) |
| | 02/24/18 19:10 CST | 3 | 0 | Source: NWS Storm Survey |
| The tornado occurred just east of Union City, Tennessee. The tornado's damage pattern suggested a broad, occasionally disorganized circulation with several small swaths of more intense damage. A number of homes along the path had roof damage. Several mobile homes were destroyed. The most significant damage was noted on Orchard and Jenkins Roads and also along Knox Daniel Road. Peak winds were estimated at 105-110 mph. | | | | |
| <hr/> | | | | |
| GIBSON COUNTY --- 1.6 SW GEORGETOWN [36.00, -88.99], 1.8 S BARRONS CORNER [36.04, -88.93] | 02/24/18 19:17 CST | | 25K | Tornado (EF0, L: 4.25 mi , W: 75 yd) |
| | 02/24/18 19:22 CST | | 0 | Source: NWS Storm Survey |
| A weak tornado tracked through rural areas knocking down trees. | | | | |
| <hr/> | | | | |
| WEAKLEY COUNTY --- 1.5 SSE RUTHVILLE [36.41, -88.79], 1.1 NNE LATHAM [36.44, -88.71] | 02/24/18 19:21 CST | | 50K | Tornado (EF0, L: 5.15 mi , W: 75 yd) |
| | 02/24/18 19:26 CST | | 0 | Source: NWS Storm Survey |
| A weak tornado tracked across rural parts of northern Weakley County. Trees were knocked down and a couple of farm buildings were damaged. | | | | |
| <hr/> | | | | |
| WEAKLEY COUNTY --- 1.6 ENE LIBERTY [36.23, -88.69], 3.4 SE JEWELL [36.29, -88.59] | 02/24/18 19:36 CST | | 25K | Tornado (EF0, L: 7.38 mi , W: 75 yd) |
| | 02/24/18 19:43 CST | | 0 | Source: NWS Storm Survey |
| A weak tornado tracked across rural areas knocking down trees. | | | | |
| <hr/> | | | | |
| WEAKLEY COUNTY --- 1.5 E DRESDEN [36.30, -88.69], 5.2 SE PALMERSVILLE [36.36, -88.53] | 02/24/18 19:40 CST | | 30K | Thunderstorm Wind (EG 50 kt) |
| | 02/24/18 19:50 CST | | 0 | Source: Department of Highways |
| Some trees and power lines down across the county. | | | | |
| <hr/> | | | | |
| WEAKLEY COUNTY --- 3.9 NE GLEASON [36.26, -88.57], 4.6 SE JEWELL [36.29, -88.56] | 02/24/18 19:42 CST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 02/24/18 19:50 CST | | 0 | Source: Trained Spotter |
| Four foot diameter tree down across Highway 190, blocking both lanes. | | | | |
| <hr/> | | | | |
| DYER COUNTY --- 1.8 NNE TEMPLETON [36.20, -89.21], 0.4 S TRIMBLE [36.19, -89.18], 2.0 NNE EDGEWOOD [36.11, -89.22], 0.6 SW NEWBERN [36.12, -89.28] | 02/24/18 19:50 CST | | 30K | Flash Flood (due to Heavy Rain) |
| | 02/24/18 23:00 CST | | 0 | Source: Public |
| Flooded roads between Trimble and New Bern. Possible roads washed out. | | | | |
| <hr/> | | | | |
| FAYETTE COUNTY --- 0.9 W MACON [35.15, -89.52], 6.3 E WILLISTON [35.16, -89.27] | 02/24/18 20:00 CST | | 15K | Thunderstorm Wind (EG 50 kt) |
| | 02/24/18 20:20 CST | | 0 | Source: Department of Highways |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------------|
| Some trees down across the county. | | | | |
| HENRY COUNTY --- 0.2 NNW INDIA [36.33, -88.27], 1.6 SE NOBLES [36.35, -88.21] | | | | |
| | 02/24/18 20:02 CST | | 50K | Tornado (EF1, L: 3.85 mi , W: 75 yd) |
| | 02/24/18 20:07 CST | | 0 | Source: NWS Storm Survey |
| A weak tornado tracked northeast of Paris knocking down trees and a few power poles. | | | | |
| HENRY COUNTY --- 0.5 WSW INDIA [36.33, -88.28], 0.2 NW INDIA [36.33, -88.27] | | | | |
| | 02/24/18 20:05 CST | | 40K | Thunderstorm Wind (EG 60 kt) |
| | 02/24/18 20:10 CST | | 0 | Source: COOP Observer |
| Power poles and trees down along India and McIntosh Roads. | | | | |
| CARROLL COUNTY --- 0.9 WSW MACEDONIA [36.12, -88.43], 1.4 ENE MARLBOROUGH [36.11, -88.25] | | | | |
| | 02/24/18 20:10 CST | | 80K | Thunderstorm Wind (EG 50 kt) |
| | 02/24/18 20:30 CST | | 0 | Source: Department of Highways |
| Trees and power lines down across the county. A tree down on house. | | | | |
| BENTON COUNTY --- 2.3 WNW WYLY [36.18, -88.19], 3.0 NNW WAY [36.16, -88.03] | | | | |
| | 02/24/18 20:15 CST | | 40K | Thunderstorm Wind (EG 50 kt) |
| | 02/24/18 20:30 CST | | 0 | Source: Department of Highways |
| Several trees and a few power poles down causing power outages across the county. | | | | |
| CROCKETT COUNTY --- 3.4 N MAURY CITY [35.87, -89.23], 2.8 W CROCKETT MILLS [35.87, -89.22], 2.5 NNE MAURY CITY [35.85, -89.22], 2.6 N MAURY CITY [35.86, -89.23] | | | | |
| | 02/24/18 20:16 CST | | 10K | Flash Flood (due to Heavy Rain) |
| | 02/25/18 00:45 CST | | 0 | Source: Department of Highways |
| State route 189 was flooded at Old Mounds Road. | | | | |
| A strong cold front interacted with a very unstable airmass across the Midsouth during the afternoon and evening hours of February 24h. All facets of severe weather occurred. | | | | |
| CROCKETT COUNTY --- 3.2 N MAURY CITY [35.87, -89.23], 2.1 N MAURY CITY [35.85, -89.23], 2.3 NNE MAURY CITY [35.85, -89.22], 2.6 W CROCKETT MILLS [35.86, -89.22] | | | | |
| | 02/28/18 10:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| State Highway 189 was flooded between Johnny Powell Road and Old Mounds Road. | | | | |
| HAYWOOD COUNTY --- 2.1 SW ALLENS [35.63, -89.23], 2.6 SSW ALLENS [35.62, -89.22], 1.9 S ALLENS [35.62, -89.20], 1.1 SW ALLENS [35.64, -89.21] | | | | |
| | 02/28/18 10:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| State Highway 76 was flooded between the Brownsville Bypass and Sturdivant Road. | | | | |
| MADISON COUNTY --- 1.9 S DENMARK [35.50, -89.00], 1.9 SSE DENMARK [35.50, -88.99], 1.6 E MERCER [35.48, -89.00], 0.9 ENE MERCER [35.49, -89.02] | | | | |
| | 02/28/18 10:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 22:00 CST | | 0 | Source: Emergency Manager |
| State Highway 223 was flooded between Vester Taylor Road and Fuller Road. | | | | |
| A prolonged period of heavy rainfall was generated along a warm front along the border of Tennessee and Mississippi. This produced some areal flooding across parts of Tennessee. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|------------------------------|
| (TX-Z065) COKE, (TX-Z066) RUNNELS, (TX-Z128) CALLAHAN, (TX-Z139) COLEMAN, (TX-Z140) BROWN | | | | |
| | 02/11/18 04:00 CST | | 0 | Winter Weather |
| | 02/11/18 08:00 CST | | 0 | |
| Patchy areas of light freezing rain and sleet moved across the region and resulted in ice on area roadways. | | | | |
| BROWN COUNTY --- 0.9 SW BROWNWOOD [31.71, -98.99] | | | | |
| | 02/20/18 07:30 CST | | 0 | Thunderstorm Wind (EG 74 kt) |
| | 02/20/18 07:30 CST | | 0 | Source: Law Enforcement |
| The Brownwood Police Department reported businesses with broken out windows and roof damage to a few sheds. | | | | |
| MCCULLOCH COUNTY --- 0.6 W BRADY CURTIS ARPT [31.18, -99.33] | | | | |
| | 02/20/18 13:15 CST | | 0 | Hail (0.75 in) |
| | 02/20/18 13:15 CST | | 0 | Source: Trained Spotter |
| A single strong thunderstorm brought small hail to Brady, while a line of thunderstorms brought damaging winds to Brownwood. | | | | |
| (TX-Z054) NOLAN, (TX-Z064) STERLING, (TX-Z065) COKE, (TX-Z066) RUNNELS, (TX-Z071) IRION, (TX-Z072) TOM GREEN, (TX-Z073) CONCHO, (TX-Z076) CROCKETT, (TX-Z077) SCHLEICHER, (TX-Z078) SUTTON, (TX-Z098) HASKELL, (TX-Z099) THROCKMORTON, (TX-Z113) JONES, (TX-Z114) SHACKELFORD, (TX-Z127) TAYLOR, (TX-Z128) CALLAHAN, (TX-Z139) COLEMAN, (TX-Z140) BROWN, (TX-Z154) MCCULLOCH | | | | |
| | 02/21/18 03:15 CST | | 0 | Winter Weather |
| | 02/22/18 15:00 CST | 4 | 0 | |
| (TX-Z054) NOLAN, (TX-Z066) RUNNELS, (TX-Z098) HASKELL, (TX-Z099) THROCKMORTON, (TX-Z113) JONES, (TX-Z114) SHACKELFORD, (TX-Z127) TAYLOR, (TX-Z128) CALLAHAN, (TX-Z139) COLEMAN | | | | |
| | 02/21/18 05:41 CST | | 0 | Winter Storm |
| | 02/21/18 14:00 CST | 4 | 0 | |
| A Winter Storm impacted the Big Country during the morning and early afternoon of February 21. With surface temperatures in the middle to upper 20s, heavy sleet mixed with freezing rain fell across the Big Country. This freezing precipitation resulted in numerous school closures and traffic accidents. As the heavy precipitation ended by early afternoon on February 21, light freezing drizzle continued through the night across the Big Country into the early afternoon on February 22. The weight of the ice resulted in some downed tree branches across the area. | | | | |
| The heavy sleet and freezing rain abated by the early afternoon on February 21 and became freezing drizzle as it continued across the remainder of West Central Texas, south of Interstate 20 during the night of February 21 and into the morning on February 22. This continued to cause ice to accumulate on some roads, bridges, elevated objects and trees. | | | | |
| These conditions lead to a multiple vehicle pileup on Interstate 10 near Sonora. Many school districts across West Central Texas began school about two hours late on February 22. | | | | |
| (TX-Z114) SHACKELFORD | | | | |
| | 02/26/18 05:50 CST | | 0 | Wildfire |
| | 02/27/18 16:24 CST | | 0 | |
| Windy and dry conditions led to critical wildfire conditions. The Newell Wildfire burned a a large area about 8 miles east southeast of Leuders. | | | | |
| SAN SABA COUNTY --- 3.0 E SAN SABA [31.20, -98.68] | | | | |
| | 02/28/18 23:11 CST | | 0 | Thunderstorm Wind (EG 61 kt) |
| | 02/28/18 23:11 CST | | 0 | Source: Public |
| The public reported and sent pictures of roof damage to a residential home and uprooted large trees about 2.5 miles east of San Saba. | | | | |
| A line of thunderstorms resulted in an isolated area of damaging winds near San Saba. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|------------------------------|
| WHARTON COUNTY --- 0.2 S LANE CITY [29.22, -96.03] | | | | |
| | 02/25/18 01:45 CST | | 0 | Thunderstorm Wind (EG 50 kt) |
| | 02/25/18 01:48 CST | | 0 | Source: Public |

Thunderstorm wind gusts blew down some fencing around the town of Lane City.

A thunderstorm passed across the southwestern forecast area and produced damaging winds.

TEXAS, Mid - South

| | | | | |
|--|--------------------|--|---|---------|
| (TX-Z234) VICTORIA, (TX-Z246) REFUGIO | | | | |
| | 02/01/18 00:00 CST | | 0 | Drought |
| | 02/20/18 00:00 CST | | 0 | |

Severe drought conditions developed from Victoria to Refugio during the early part of the month. Rainfall across the area on the 20th alleviated the drought conditions to moderate levels.

TEXAS, North

| | | | | |
|--|--------------------|--|---|---------|
| (TX-Z091) MONTAGUE, (TX-Z092) COOKE, (TX-Z100) YOUNG, (TX-Z101) JACK, (TX-Z102) WISE, (TX-Z103) DENTON, (TX-Z115) STEPHENS, (TX-Z116) PALO PINTO, (TX-Z117) PARKER, (TX-Z129) EASTLAND, (TX-Z130) ERATH, (TX-Z131) HOOD, (TX-Z141) COMANCHE, (TX-Z142) MILLS, (TX-Z145) HILL, (TX-Z156) LAMPASAS, (TX-Z160) FALLS | | | | |
| | 02/01/18 00:00 CST | | 0 | Drought |
| | 02/21/18 00:00 CST | | 0 | |

Severe drought conditions developed across several locations generally along and west of the Interstate 35 corridor by early February. Significant rainfall during the Feb 20-28 time frame led to much improved conditions for the majority of the region by the end of the month.

| | | | | |
|--|--------------------|--|---|---------|
| (TX-Z157) CORYELL, (TX-Z158) BELL, (TX-Z159) MCLENNAN | | | | |
| | 02/01/18 00:00 CST | | 0 | Drought |
| | 02/28/18 23:59 CST | | 0 | |

Severe drought conditions developed over parts of Central Texas by the first of February. Some of these locations missed out on beneficial rains which occurred across much of the region, allowing severe drought conditions to linger through the end of the month.

| | | | | |
|--|--------------------|--|---|----------------|
| (TX-Z103) DENTON, (TX-Z104) COLLIN, (TX-Z105) HUNT, (TX-Z117) PARKER, (TX-Z118) TARRANT, (TX-Z119) DALLAS, (TX-Z121) KAUFMAN, (TX-Z123) RAINS, (TX-Z130) ERATH, (TX-Z131) HOOD, (TX-Z132) SOMERVELL, (TX-Z133) JOHNSON, (TX-Z135) HENDERSON, (TX-Z144) BOSQUE, (TX-Z145) HILL, (TX-Z148) ANDERSON, (TX-Z158) BELL, (TX-Z159) MCLENNAN, (TX-Z161) LIMESTONE, (TX-Z174) MILAM | | | | |
| | 02/11/18 07:00 CST | | 0 | Winter Weather |
| | 02/12/18 13:30 CST | | 0 | |

A strong cold front led to falling temperatures Saturday night, followed by a round of wintry precipitation Sunday morning. Some of the precipitation lingered into early Monday.

| | | | | |
|---|--------------------|--|-----|------------------------------|
| JOHNSON COUNTY --- 2.6 WNW JOSHUA ARPT [32.46, -97.44] | | | | |
| | 02/20/18 03:45 CST | | 10K | Thunderstorm Wind (EG 50 kt) |
| | 02/20/18 03:45 CST | | 0 | Source: Law Enforcement |

Johnson County Sheriff's Department reported damage to 3 to 5 mobile homes near the intersection of Wild Berry Trail and FM 917.

| | | | | |
|---|--------------------|--|---|---------------------------------|
| DALLAS COUNTY --- 0.9 NW UNION BOWER [32.84, -96.91], 0.3 NNW UNION BOWER [32.83, -96.90], 1.0 N IRVING [32.83, -96.92], 1.4 WNW UNION BOWER [32.84, -96.92] | | | | |
| | 02/20/18 18:10 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/20/18 21:00 CST | | 0 | Source: Department of Highways |

Texas Department of Highways reported high water covering three lanes of loop 12 near the intersection of Highway 183.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|---------------------------------|
| DALLAS COUNTY --- 3.1 NE SACHSE [33.02, -96.54], 1.8 ESE SACHSE [32.97, -96.54], 2.7 WSW SACHSE [32.97, -96.62], 3.0 NNW SACHSE [33.02, -96.59] | | | | |
| | 02/20/18 19:24 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/20/18 21:00 CST | | 0 | Source: Trained Spotter |
| A trained spotter reported high water in east Sachse and south Wylie. | | | | |
| A line of thunderstorms accompanied an upper level disturbance on February 20, 2018, producing sporadic wind damage during the pre-dawn hours and some flooding later that day. | | | | |
| (TX-Z091) MONTAGUE, (TX-Z117) PARKER, (TX-Z130) ERATH | | | | |
| | 02/21/18 10:00 CST | | 5K | Ice Storm |
| | 02/21/18 16:00 CST | | 0 | |
| (TX-Z101) JACK | | | | |
| | 02/21/18 10:00 CST | | 0 | Sleet |
| | 02/21/18 12:00 CST | | 0 | |
| (TX-Z091) MONTAGUE, (TX-Z101) JACK, (TX-Z117) PARKER, (TX-Z129) EASTLAND, (TX-Z130) ERATH | | | | |
| | 02/21/18 18:00 CST | | 5K | Winter Weather |
| | 02/22/18 09:00 CST | | 0 | |
| An Arctic front dropped temperatures into the upper 20s and lower 30s, followed by overrunning precipitation, leading to significant amounts of freezing rain across the northwestern third of the forecast area. | | | | |
| FANNIN COUNTY --- 1.1 NNE SASH [33.76, -95.91], 1.1 NE SASH [33.76, -95.90], 0.2 NNW SASH [33.75, -95.92], 0.8 N SASH [33.76, -95.92] | | | | |
| | 02/24/18 10:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 12:55 CST | | 0 | Source: Law Enforcement |
| Fannin County Sheriff's Department reported that FM 100 at Bois D'Arc Creek was closed due to flooding from the past few days of rain. | | | | |
| LAMAR COUNTY --- (PRX)COX FLD PARIS [33.63, -95.45] | | | | |
| | 02/24/18 12:12 CST | | 0 | Thunderstorm Wind (MG 60 kt) |
| | 02/24/18 12:12 CST | | 0 | Source: AWOS |
| The AWOS at Paris Cox Field reported a peak wind gust to 60 knots or 69 MPH. | | | | |
| LAMAR COUNTY --- 2.8 WSW LAKE CROOK [33.70, -95.63] | | | | |
| | 02/24/18 12:15 CST | | 1K | Thunderstorm Wind (EG 43 kt) |
| | 02/24/18 12:15 CST | | 0 | Source: Law Enforcement |
| Lamar County Sheriff's Department received several reports of wind damage in the community of Hopewell, TX, including trees down, along with carport and barn damage. | | | | |
| A Pacific cold front brought a round of showers and thunderstorms across North Texas, mainly north of Interstate 20 and east of Interstate 35. | | | | |
| DALLAS COUNTY --- 0.8 WNW TRINITY MILLS [32.98, -96.91], 0.4 NNW TRINITY MILLS [32.98, -96.90], 0.2 SW TRINITY MILLS [32.97, -96.90], 0.7 W TRINITY MILLS [32.97, -96.91] | | | | |
| | 02/28/18 21:46 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| Emergency management reported multiple water rescues near the intersection of Jeanette Way and North Denton Dr in the city of Carrollton, TX. | | | | |
| DALLAS COUNTY --- 2.3 W CARROLLTON [32.95, -96.94], 0.7 WSW CARROLLTON [32.95, -96.91], 1.1 ESE GRIBBLE [32.88, -96.90], 1.9 W GRIBBLE [32.88, -96.95] | | | | |
| | 02/28/18 22:24 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Law Enforcement |
| Carrollton Police Department reported that Luna Rd south of Belt Line Rd was closed due to flooding. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

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

Scattered to numerous showers and thunderstorms developed across North and Central Texas Wednesday Feb 28 as a deep upper trough moved through the Southern Plains. Training thunderstorms across the Dallas-Fort Worth Metroplex led to widespread urban flooding and localized Flash Flooding in the DFW area.

TEXAS, Northeast

SMITH COUNTY --- 1.8 WSW COPLEN [32.24, -95.31]

| | | | | |
|--------------------|--|--|---|----------------|
| 02/06/18 13:35 CST | | | 0 | Hail (0.75 in) |
| 02/06/18 13:35 CST | | | 0 | Source: Public |

Dime size hail fell in South Tyler.

GREGG COUNTY --- 1.0 WSW GLADEWATER [32.52, -94.95]

| | | | | |
|--------------------|--|--|---|----------------------|
| 02/06/18 14:06 CST | | | 0 | Hail (0.75 in) |
| 02/06/18 14:06 CST | | | 0 | Source: Social Media |

Dime size hail fell on the south side of Gladewater.

FRANKLIN COUNTY --- 0.8 NE MT VERNON [33.19, -95.22]

| | | | | |
|--------------------|--|--|---|-----------------------|
| 02/06/18 15:05 CST | | | 0 | Hail (1.00 in) |
| 02/06/18 15:05 CST | | | 0 | Source: COOP Observer |

The Mount Vernon Herald Newspaper reported pea to quarter size hail covering the ground in Downtown Mount Vernon.

CASS COUNTY --- 0.5 NNW ALAMO [33.26, -94.07]

| | | | | |
|--------------------|--|--|---|----------------|
| 02/06/18 15:24 CST | | | 0 | Hail (1.25 in) |
| 02/06/18 15:24 CST | | | 0 | Source: Public |

Half dollar size hail fell at the International Paper Plant.

SMITH COUNTY --- 2.5 NNW MT SYLVAN [32.49, -95.46]

| | | | | |
|--------------------|--|--|---|----------------|
| 02/06/18 16:22 CST | | | 0 | Hail (0.88 in) |
| 02/06/18 16:22 CST | | | 0 | Source: Public |

Nickel size hail fell in the Hideaway Lake Subdivision.

SMITH COUNTY --- 1.3 SW LINDALE [32.51, -95.42]

| | | | | |
|--------------------|--|--|---|-----------------------|
| 02/06/18 16:25 CST | | | 0 | Hail (1.00 in) |
| 02/06/18 16:25 CST | | | 0 | Source: Amateur Radio |

Quarter size hail fell on the southwest wide of Lindale.

A cold front moved southeast across Northeast Texas, Southwest Arkansas, and Northern Louisiana during early morning hours of February 6th. Meanwhile, overrunning increased during the daytime hours which led to the development of scattered showers behind the front, which developed into embedded thunderstorms as upper level disturbances shifted northeast across the area enhancing large scale lift, ahead of an upper level shortwave trough which moved into the Southern Plains during the afternoon from the Four Corners region. Steep lapse rates ahead of this shortwave trough contributed to elevated instability aloft, with deep layer shear also adequate enough for some organized post-frontal thunderstorms within a cool air mass with surface temperatures in the lower 50s. As a result, a few of these storms became severe, producing numerous reports of small and large hail across portions of Northeast Texas during the afternoon hours. The strong to severe thunderstorms diminished by early evening as the post-frontal rains became more widespread across the area, thus diminishing the elevated instability.

(TX-Z096) RED RIVER, (TX-Z097) BOWIE, (TX-Z108) FRANKLIN, (TX-Z109) TITUS, (TX-Z110) CAMP, (TX-Z111) MORRIS, (TX-Z112) CASS, (TX-Z124) WOOD, (TX-Z125) UPSHUR, (TX-Z126) MARION, (TX-Z136) SMITH, (TX-Z137) GREGG, (TX-Z138) HARRISON, (TX-Z149) CHEROKEE, (TX-Z150) RUSK, (TX-Z151) PANOLA

| | | | | |
|--------------------|--|--|---|----------------|
| 02/11/18 00:00 CST | | | 0 | Winter Weather |
| 02/11/18 18:00 CST | | | 0 | |

A strong but shallow cold front moved through East Texas during the afternoon hours of February 10th, with temperatures falling to or below freezing during the late evening hours. Weak overrunning atop this shallow arctic air mass resulted in patchy freezing drizzle

Storm Data and Unusual Weather Phenomena - February 2018

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

developing around midnight throughout the early morning hours on February 11th across portions of Northeast Texas, resulting in icing of bridges across Lake Cypress Springs in Franklin County, as well as vehicles and elevated objects in Red River and Smith Counties.

Temperatures remained at or below freezing across much of Northeast Texas during the daytime hours on February 11th, as a weak upper level disturbance traversed Northern and Eastern Texas. Scattered areas of light freezing rain mixed with sleet fell across portions of Northeast Texas, with light accumulations of sleet on grassy and road surfaces, as well as bridges and overpasses throughout Smith, Wood, and Upshur Counties. Elsewhere across Northeast Texas, only trace amounts of freezing rain and sleet were recorded, with very little if any impacts observed.

In Smith County, 0.2 inches of sleet was recorded at Tyler, as well as areas from Lake Palestine near the Teaselville community to Flint, Whitehouse, and Bullard. In Wood County, 0.1 inches of sleet was recorded in Mineola and Quitman. In Upshur County, 0.1 inches of sleet was recorded near Big Sandy.

RED RIVER COUNTY --- 0.4 SSW KANAWHA [33.86, -95.25], 0.9 WNW HALESBORO [33.45, -95.31], 1.0 S LYDIA [33.44, -94.77], 2.7 SSE RIVER VIEW [33.68, -94.75], 3.2 W DAVENPORT [33.93, -95.19]

| | | |
|--------------------|---|---------------------------------|
| 02/21/18 06:30 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/21/18 12:45 CST | 0 | Source: Law Enforcement |

Water covered numerous roadways across much of Red River County.

FRANKLIN COUNTY --- 1.5 NE EUREKA [33.36, -95.30], 4.5 ENE HAGANSPORT [33.36, -95.15], 1.2 S MACON [33.08, -95.15], 2.1 WSW CYPRESS [33.03, -95.31]

| | | |
|--------------------|---|---------------------------------|
| 02/21/18 07:00 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/21/18 12:45 CST | 0 | Source: Law Enforcement |

Many low lying, poor drainage areas were flooded across Franklin County.

BOWIE COUNTY --- 2.5 ENE COLLEGE HILL [33.43, -94.58], 2.4 ENE COLLEGE HILL [33.43, -94.58], 3.2 E COLLEGE HILL [33.43, -94.57], 3.3 ENE COLLEGE HILL [33.43, -94.56]

| | | |
|--------------------|---|---------------------------------|
| 02/21/18 13:07 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/21/18 14:30 CST | 0 | Source: Fire Department/Rescue |

A vehicle was washed off of County Road 4115 off of FM 990 southeast of Dekalb.

SABINE COUNTY --- 2.3 N EAST MAYFIELD [31.36, -93.88], 2.5 W MAGASCO [31.28, -94.02], 0.4 E BROOKELAND [31.15, -93.99], 2.9 ESE FAIRMOUNT [31.18, -93.69]

| | | |
|--------------------|---|---------------------------------|
| 02/21/18 13:51 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/22/18 03:00 CST | 0 | Source: Law Enforcement |

High water over multiple roads between Hemphill and Jasper.

ANGELINA COUNTY --- 2.8 SSE SHAWNEE [31.18, -94.50], 3.0 SSE SHAWNEE [31.18, -94.50], 3.3 SSE SHAWNEE [31.18, -94.49], 3.1 SE SHAWNEE [31.18, -94.49]

| | | |
|--------------------|---|---------------------------------|
| 02/21/18 15:06 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/22/18 03:00 CST | 0 | Source: Department of Highways |

FM 1818 was closed due to a washout on the southbound side between FM 844 and US Highway 69 South. Report from TXDOT Twitter page.

SABINE COUNTY --- 0.1 WNW PINELAND [31.25, -93.98], 0.2 ENE PINELAND [31.25, -93.98], 0.2 ENE PINELAND [31.25, -93.98], 0.1 WSW PINELAND [31.25, -93.98]

| | | |
|--------------------|---|---------------------------------|
| 02/21/18 16:08 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/22/18 03:00 CST | 0 | Source: Department of Highways |

FM 83 was closed between Highway 96 and FM 1 in Pineland.

FRANKLIN COUNTY --- 1.4 NNW HAGANSPORT [33.37, -95.24], 1.3 NNW HAGANSPORT [33.37, -95.24], 1.3 NNW HAGANSPORT [33.37, -95.24], 1.4 NNW HAGANSPORT [33.37, -95.24]

| | | |
|--------------------|---|---------------------------|
| 02/22/18 08:00 CST | 0 | Flood (due to Heavy Rain) |
| 02/24/18 18:15 CST | 0 | Source: Public |

Highway 37 was closed at the Sulphur River bridge along the Franklin/Red River County line due to a prolonged period of moderate to heavy rainfall across the basin which led to rapid rises on the Sulphur River and extensive backwater flooding.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------|
| FRANKLIN COUNTY --- 1.4 N MT VERNON [33.20, -95.23] | | | | |
| | 02/22/18 09:56 CST | | 0 | Hail (1.00 in) |
| | 02/22/18 09:56 CST | | 0 | Source: Public |
| Quarter size hail fell just north of Mount Vernon. | | | | |
| RED RIVER COUNTY --- 5.5 SW JOHNTOWN [33.37, -95.24], 3.5 W JOHNTOWN [33.42, -95.23], 2.9 W JOHNTOWN [33.41, -95.22], 5.0 SW JOHNTOWN [33.37, -95.23] | | | | |
| | 02/22/18 11:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 13:45 CST | | 0 | Source: Department of Highways |
| Highway 37 closed between Bogota and Hagansport due to flooding. | | | | |
| RED RIVER COUNTY --- 3.2 E CUTHAND [33.46, -95.00], 3.4 ESE CUTHAND [33.46, -94.99], 4.1 E CUTHAND [33.46, -94.98], 4.0 E CUTHAND [33.47, -94.98] | | | | |
| | 02/22/18 12:00 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/22/18 13:45 CST | | 0 | Source: Department of Highways |
| FM 1487 closed from the Maple community to County Road 412 due to flooding. | | | | |
| SMITH COUNTY --- 5.6 N LINDALE [32.60, -95.39], 3.9 N LINDALE [32.58, -95.40], 3.9 N LINDALE [32.58, -95.39], 5.5 N LINDALE [32.60, -95.39] | | | | |
| | 02/22/18 18:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Department of Highways |
| High water flowing over FM 1804 along the Wood/Smith County line due to backwater flooding on the Sabine River from periods of moderate to heavy rainfall across the Sabine River Basin. Road is closed. | | | | |
| WOOD COUNTY --- 1.5 SSE HOARD [32.61, -95.39], 2.0 SSE HOARD [32.60, -95.39], 2.0 SSE HOARD [32.60, -95.39], 1.6 SSW NEW HOPE [32.61, -95.39] | | | | |
| | 02/22/18 18:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: Department of Highways |
| High water flowing over FM 1804 along the Wood/Smith County line due to backwater flooding on the Sabine River from periods of moderate to heavy rainfall across the Sabine River Basin. Road is closed. | | | | |
| WOOD COUNTY --- 3.3 NE MINEOLA [32.71, -95.45], 3.2 NE MINEOLA [32.71, -95.45], 3.2 NE MINEOLA [32.71, -95.45], 3.4 NE MINEOLA [32.71, -95.45] | | | | |
| | 02/23/18 02:47 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 02/23/18 08:15 CST | | 0 | Source: Law Enforcement |
| High water on FM 1254 northeast of Mineola. | | | | |
| <p>An upper level low pressure system progressed east southeast from the Pacific Northwest into the Central and Southern Rockies on the morning of February 20th, reinforcing a cold front slowly southeast into Southeast Oklahoma, Northeast Texas, and Southwest Arkansas during the early morning hours of February 21st. A deep southwest flow aloft was present along and behind the front across the Southern Plains and Mississippi Valley, with weak embedded disturbances in the flow helping to enhance the development of scattered to numerous showers and thunderstorms along and behind the front. A warm, moist, and weakly unstable air mass spread north ahead of the front into Northeast Texas, Southeast Oklahoma, Southwest Arkansas, and North Louisiana, with the southwest flow aloft tapping into the subtropical jet, thus transporting Pacific moisture northeast along and behind the front. Periods of moderate to at times, heavy rainfall fell along and behind the front across Northeast Texas during the evening hours on the 20th through much of the 21st before gradually diminishing during the late evening hours. However, additional periods of moderate to heavy rain spread across much of East Texas on February 22nd north of the cold front, and continued through the morning hours on the 23rd. Widespread rainfall amounts of four to in excess of nine inches fell across much of East Texas during this 3 day period, resulting in widespread flash flooding.</p> | | | | |
| FRANKLIN COUNTY --- 1.5 NNE EUREKA [33.37, -95.31], 0.9 WNW HAGANSPORT [33.35, -95.25], 5.3 ENE HAGANSPORT [33.37, -95.14], 5.3 ENE HAGANSPORT [33.38, -95.14], 1.7 NNW HAGANSPORT [33.37, -95.24], 2.4 NE EUREKA [33.37, -95.29] | | | | |
| | 02/22/18 08:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 18:15 CST | | 0 | Source: River/Stream Gage |
| Widespread heavy rainfall of ten to in excess of twelve inches across the Sulphur River basin of Northeast Texas during the final week of February resulted in rapid rises on the Sulphur River north of Talco, with the river cresting at 26.81 feet during the early evening hours on February 22nd. This resulted in major backwater flooding along the river, with numerous secondary roads (and State Highway 37) flooded across Southern Red River and Northern Franklin Counties. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------|
| RED RIVER COUNTY --- 2.1 SSW HALESBORO [33.42, -95.31], 4.8 S HALESBORO [33.38, -95.31], 5.1 SW JOHNTOWN [33.37, -95.24], 3.6 SW JOHNTOWN [33.38, -95.21], 3.6 E MOBBERLY [33.40, -95.09], 4.8 W HARTS BLUFF [33.39, -95.05], 4.5 S CUTHAND [33.41, -95.06] | | | | |
| | 02/22/18 08:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 18:15 CST | | 0 | Source: River/Stream Gage |

Widespread heavy rainfall of ten to in excess of twelve inches across the Sulphur River basin of Northeast Texas during the final week of February resulted in rapid rises on the Sulphur River north of Talco, with the river cresting at 26.81 feet during the early evening hours on February 22nd. This resulted in major backwater flooding along the river, with numerous secondary roads (including State Highway 37) flooded across Southern Red River and Northern Franklin Counties.

Widespread heavy rainfall resulted in major flooding along the Sulphur River in Northeast Texas during the final week of February.

| | | | | |
|--|--------------------|--|---|---------------------------|
| SMITH COUNTY --- 6.7 NNE GARDEN VLY [32.61, -95.48], 5.5 N LINDALE [32.60, -95.39], 5.9 NW RED SPGS [32.60, -95.33], 3.5 NNW RED SPGS [32.58, -95.29], 2.3 N RED SPGS [32.56, -95.27], 4.4 NNE LINDALE [32.58, -95.37], 4.8 NNW LINDALE [32.58, -95.43] | | | | |
| | 02/22/18 18:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Widespread heavy rainfall of eight to ten inches across the Sabine River basin of Northeast Texas during the final week of February resulted in rapid rises on the Sabine River south of Mineola, with the river cresting at 18.69 feet during the evening hours on February 27th. This resulted in moderate backwater flooding along the river, inundating some barns and secondary roads including FM 1804 in Southern Wood and Northern Smith Counties.

| | | | | |
|---|--------------------|--|---|---------------------------|
| WOOD COUNTY --- 2.9 WSW HOARD [32.61, -95.45], 3.8 S MINEOLA [32.61, -95.48], 1.8 S NEW HOPE [32.60, -95.39], 1.6 SSE DEBBIE [32.61, -95.36] | | | | |
| | 02/22/18 18:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 02/28/18 23:59 CST | | 0 | Source: River/Stream Gage |

Widespread heavy rainfall of eight to ten inches across the Sabine River basin of Northeast Texas during the final week of February resulted in rapid rises on the Sabine River south of Mineola, with the river cresting at 18.69 feet during the evening hours on February 27th. This resulted in moderate backwater flooding along the river, inundating some barns and secondary roads including FM 1804 in Southern Wood and Northern Smith Counties.

Widespread heavy rainfall during the final week of February resulted in moderate flooding across the Sabine River of Northeast Texas near Mineola across Southern Wood and Northern Smith Counties.

| | | | | |
|---|--------------------|--|---|------------------------------|
| HARRISON COUNTY --- 5.4 ENE HALLSVILLE [32.52, -94.48] | | | | |
| | 02/24/18 16:20 CST | | 0 | Thunderstorm Wind (EG 56 kt) |
| | 02/24/18 16:20 CST | | 0 | Source: Law Enforcement |

Power lines were blown down between Hallsville and Marshall.

A warm front lifted north into Eastern Oklahoma and Central Arkansas during the morning hours of February 24th, resulting in a large warm and humid air mass across the Ark-La-Tex region. Meanwhile, showers and thunderstorms increased across North Texas during the morning as well, ahead of a strong upper trough that ejected east across the Southern Plains and Mississippi Valley. This trough also drove an attendant cold front into East Texas during the afternoon, with numerous showers and thunderstorms noted along and ahead of the front. The air mass ahead of the front was moderately unstable, allowing an isolated severe thunderstorm to develop over Western Harrison County Texas, which downed power lines between Hallsville and Marshall.

TEXAS, South Central

| | | | | |
|--|--------------------|--|---|---------|
| (TX-Z171) LLANO, (TX-Z172) BURNET | | | | |
| | 02/01/18 00:00 CST | | 0 | Drought |
| | 02/27/18 07:00 CST | | 0 | |

A heavy rain event on the 20-21 dropped one to four inches of rain over Llano and Burnet Counties and this was enough to move them out of severe drought category.

| | | | | |
|--|--------------------|--|---|----------------|
| ATASCOSA COUNTY --- 0.7 S CHARLOTTE [28.86, -98.70] | | | | |
| | 02/25/18 05:33 CST | | 0 | Hail (1.00 in) |
| | 02/25/18 05:33 CST | | 0 | Source: Public |

A thunderstorm produced quarter size hail near Charlotte.

| | | | | |
|--|--|--|--|--|
| MEDINA COUNTY --- 13.6 NNW HONDO ARPT [29.56, -99.24] | | | | |
|--|--|--|--|--|

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/25/18 05:45 CST | | 0 | Hail (1.75 in) |
| | 02/25/18 05:45 CST | | 0 | Source: CoCoRaHS |

A thunderstorm produced golf ball size hail north of Hondo.

ATASCOSA COUNTY --- 0.9 SW JOURDANTON [28.91, -98.54]

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/25/18 05:46 CST | | 0 | Hail (1.00 in) |
| | 02/25/18 05:46 CST | | 0 | Source: Public |

A thunderstorm produced one inch hail near Jourdanton.

ATASCOSA COUNTY --- 0.9 SW JOURDANTON [28.91, -98.54]

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/25/18 05:50 CST | | 0 | Hail (1.00 in) |
| | 02/25/18 05:50 CST | | 0 | Source: Public |

A thunderstorm produced one inch hail near Jourdanton.

ATASCOSA COUNTY --- 0.9 SW JOURDANTON [28.91, -98.54]

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/25/18 05:52 CST | | 0 | Hail (1.75 in) |
| | 02/25/18 05:52 CST | | 0 | Source: Public |

A thunderstorm produced golf ball size hail near Jourdanton.

ATASCOSA COUNTY --- 3.3 ENE NORTH PLEASANTON [28.99, -98.43]

| | | | | |
|--|--------------------|--|---|-------------------------|
| | 02/25/18 06:04 CST | | 0 | Hail (0.75 in) |
| | 02/25/18 06:04 CST | | 0 | Source: Trained Spotter |

KARNES COUNTY --- FALLS CITY [28.98, -98.02]

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/25/18 06:10 CST | | 0 | Hail (1.00 in) |
| | 02/25/18 06:10 CST | | 0 | Source: Public |

A thunderstorm produced one inch hail in Falls City.

WILSON COUNTY --- 1.8 E THREE OAKS [28.97, -98.14]

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/25/18 06:20 CST | | 0 | Hail (1.50 in) |
| | 02/25/18 06:20 CST | | 0 | Source: Public |

A thunderstorm produced ping pong ball size hail near Three Oaks.

KERR COUNTY --- CENTER PT [29.93, -99.03]

| | | | | |
|--|--------------------|--|---|-------------------------|
| | 02/25/18 06:29 CST | | 0 | Hail (0.75 in) |
| | 02/25/18 06:29 CST | | 0 | Source: Trained Spotter |

KARNES COUNTY --- 2.2 SSE FALLS CITY [28.95, -98.01]

| | | | | |
|--|--------------------|--|---|------------------------------|
| | 02/25/18 06:32 CST | | 0 | Thunderstorm Wind (EG 52 kt) |
| | 02/25/18 06:32 CST | | 0 | Source: Emergency Manager |

A thunderstorm produced wind gusts estimated at 60 mph that blew over a grain bin and some yard fixtures near Falls City.

KARNES COUNTY --- 2.8 ESE CESTOWA [29.00, -97.91]

| | | | | |
|--|--------------------|--|---|-------------------------|
| | 02/25/18 06:35 CST | | 0 | Hail (0.75 in) |
| | 02/25/18 06:35 CST | | 0 | Source: Law Enforcement |

KARNES COUNTY --- 3.2 NW PANNA MARIA [28.98, -97.92]

| | | | | |
|--|--------------------|--|---|------------------------------|
| | 02/25/18 06:35 CST | | 0 | Thunderstorm Wind (EG 52 kt) |
| | 02/25/18 06:35 CST | | 0 | Source: Utility Company |

A thunderstorm produced wind gusts estimated at 60 mph that blew down some power lines near Panna Maria.

KARNES COUNTY --- 4.2 E CESTOWA [29.02, -97.88]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/25/18 06:45 CST | | 0 | Hail (1.00 in) |
| | 02/25/18 06:45 CST | | 0 | Source: Public |

A thunderstorm produced one inch hail near Cestohowa.

A cold front stalled across South Central Texas and thunderstorms developed in the vicinity of this boundary. Some of these storms produced large hail and damaging winds.

TEXAS, Southeast

(TX-Z215) JEFFERSON

| | | | |
|--------------------|--|---|-----------------------|
| 02/02/18 08:00 CST | | 0 | Astronomical Low Tide |
| 02/02/18 12:00 CST | | 0 | |

Strong north winds behind a cold front pushed water levels below -1 foot MLLW for multiple hours at Sabine Pass.

HARDIN COUNTY --- 1.0 WSW HONEY IS [30.40, -94.45]

| | | | |
|--------------------|---|---|-------------------------|
| 02/06/18 14:00 CST | 1 | 0 | Lightning |
| 02/06/18 14:00 CST | 1 | 0 | Source: Broadcast Media |

A 22 year old male was struck by lightning while working on cattle fencing along Starlight Road near Honey Island. A 57 year old male was also hit sustaining 2nd degree burns. A nearby cow was knocked to the ground.

Direct Fatalities: M22OU

A lightning death occurred after to men were struck while working on a fence.

HARDIN COUNTY --- 3.9 NE FRESENIUS [30.42, -94.18], 3.8 NNE FRESENIUS [30.43, -94.21], 8.5 NNE SILSBEE [30.46, -94.12], 5.7 NNE SILSBEE [30.42, -94.13]

| | | | |
|--------------------|--|---|---------------------------------|
| 02/10/18 09:54 CST | | 0 | Flash Flood (due to Heavy Rain) |
| 02/10/18 10:54 CST | | 0 | Source: Public |

Five inches of rain during the morning of the 10th flooded some roadways north of Silsbee including Craven Camp Road and Turtle Drive.

A quick 2 to 5 inches of rain fell over Harding County during the morning of the 10th. This flooded some roadways.

HARDIN COUNTY --- 0.9 SSW LELAVALLE STATION [30.39, -94.48], 0.3 S DIES [30.38, -94.42], 1.9 SE VILLAGE MILLS [30.46, -94.38], 2.3 WNW VILLAGE MILLS [30.49, -94.44]

| | | | |
|--------------------|--|---|---------------------------------|
| 02/21/18 15:19 CST | | 0 | Flash Flood (due to Heavy Rain) |
| 02/21/18 16:19 CST | | 0 | Source: Department of Highways |

Heavy rain caused water to flow across FM 1003 in several locations closing the roadway for a period.

JASPER COUNTY --- 2.4 E ERIN [30.72, -93.96], 2.2 ENE ERIN [30.73, -93.96], 0.5 NE ERIN [30.72, -93.99], 0.4 SE ERIN [30.72, -94.00]

| | | | |
|--------------------|--|---|---------------------------------|
| 02/25/18 18:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| 02/25/18 19:30 CST | | 0 | Source: Public |

A report was received of near 12 inches of flowing water across Highway 509 northwest of Kirbyville after heavy rain.

Multiple days of rain produced flooding in Southeast Texas on 2 separate occasions as upper level disturbances kept affecting the region.

TEXAS, West

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

| | | | |
|--------------------|--|---|-----------------------|
| 02/15/18 04:38 MST | | 0 | High Wind (MAX 59 kt) |
| 02/15/18 18:51 MST | | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

An upper level trough will approach the region Thursday, resulting high winds mixing down to the surface in the Guadalupe Mountains.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 02/19/18 07:38 MST | | 0 | High Wind (MAX 56 kt) |
| | 02/20/18 08:38 MST | | 0 | |

An upper level storm system will approach West Texas and Southeast New Mexico Monday, resulting in increasing winds through the Guadalupe Mountains.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 02/24/18 04:51 MST | | 0 | High Wind (MAX 57 kt) |
| | 02/24/18 12:38 MST | | 0 | |

A strong upper level storm system will move across the central Rockies and central Plains later today and Saturday. Strong winds will develop in the Guadalupe Mountains as this system passes by to the north.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 02/28/18 17:38 MST | | 0 | High Wind (MAX 62 kt) |
| | 02/28/18 22:24 MST | | 0 | |

As a strong jet stream and an associated Pacific front passes through the area, west winds will become strong in the Guadalupe Mountains.

TEXAS, Western North

(TX-Z083) HARDEMAN, (TX-Z084) FOARD, (TX-Z085) WILBARGER, (TX-Z086) WICHITA, (TX-Z087) KNOX, (TX-Z088) BAYLOR, (TX-Z089) ARCHER, (TX-Z090) CLAY

| | | | | |
|--|--------------------|--|---|---------|
| | 02/01/18 00:00 CST | | 0 | Drought |
| | 02/01/18 23:59 CST | | 0 | |

Extreme and severe drought persisted in western north Texas through the first half of the month. Toward the last week of February, rainfall brought some relief to the eastern parts of this area, pushing the severe and extreme drought westward a bit.

UTAH, East

(UT-Z028) LA SAL & ABAJO MOUNTAINS

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/14/18 20:00 MST | | 0 | Winter Weather |
| | 02/15/18 10:00 MST | | 0 | |

The progression and eventual merging of two weather disturbances across eastern Utah produced significant snowfall across the La Sal and Abajo Mountains.

(UT-Z023) EASTERN UINTA MOUNTAINS, (UT-Z024) EASTERN UINTA BASIN

| | | | | |
|--|--------------------|--|---|--------------|
| | 02/18/18 23:00 MST | | 0 | Winter Storm |
| | 02/19/18 19:00 MST | | 0 | |

(UT-Z025) TAVAPUTS PLATEAU

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/19/18 03:00 MST | | 0 | Winter Weather |
| | 02/19/18 19:00 MST | | 0 | |

A strong cold front brought widespread snowfall and localized blizzard conditions to portions of eastern Utah.

(UT-Z027) GRAND FLAT AND ARCHES

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 02/19/18 11:00 MST | | 0 | High Wind (MAX 54 kt) |
| | 02/19/18 12:30 MST | | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

The passage of a cold front resulted in strong surface winds across Grand County.

(UT-Z022) SOUTHEAST UTAH, (UT-Z028) LA SAL & ABAJO MOUNTAINS

| | | |
|--------------------|---|---------|
| 02/20/18 00:00 MST | 0 | Drought |
| 02/28/18 23:59 MST | 0 | |

Even though February was rather active with snowfall events, precipitation remained well below normal for the month over portions of eastern Utah, and this contributed to the already drier than normal conditions prior to February.

(UT-Z023) EASTERN UINTA MOUNTAINS, (UT-Z025) TAVAPUTS PLATEAU, (UT-Z028) LA SAL & ABAJO MOUNTAINS

| | | |
|--------------------|---|----------------|
| 02/23/18 03:00 MST | 0 | Winter Weather |
| 02/23/18 21:00 MST | 0 | |

A Pacific trough brought widespread snowfall to the mountains of eastern Utah.

UTAH, West and Central

(UT-Z008) WASATCH MOUNTAINS SOUTH OF I-80, (UT-Z019) UTAHS DIXIE AND ZION NATIONAL PARK

| | | |
|--------------------|---|-----------------------|
| 02/10/18 10:00 MST | 0 | High Wind (MAX 71 kt) |
| 02/10/18 19:00 MST | 0 | |

Gusty winds developed over Utah in association with a cold front on the morning of February 10, with the strongest wind gusts observed over the mountains of northern Utah. Behind the front, gusty canyon winds developed in far southwest Utah during the late afternoon and early evening hours of February 10.

(UT-Z001) CACHE VALLEY/UTAH, (UT-Z002) NORTHERN WASATCH FRONT, (UT-Z003) SALT LAKE AND TOOELE VALLEYS, (UT-Z004) SOUTHERN WASATCH FRONT, (UT-Z007) WASATCH MOUNTAINS I-80 NORTH, (UT-Z008) WASATCH MOUNTAINS SOUTH OF I-80, (UT-Z015) WEST CENTRAL UTAH, (UT-Z517) CENTRAL MOUNTAINS

| | | |
|--------------------|---|------------|
| 02/18/18 05:00 MST | 0 | Heavy Snow |
| 02/20/18 16:00 MST | 0 | |

A significant winter storm entered the state on February 18, bringing heavy snowfall to both valley and mountain locations.

(UT-Z003) SALT LAKE AND TOOELE VALLEYS, (UT-Z007) WASATCH MOUNTAINS I-80 NORTH

| | | |
|--------------------|---|------------|
| 02/22/18 12:00 MST | 0 | Heavy Snow |
| 02/23/18 17:00 MST | 0 | |

Another potent winter storm entered the state on February 22, bringing snow to both mountain and valley locations. The most significant snow totals were recorded over northern Utah.

VERMONT, North and Central

(VT-Z003) ORLEANS, (VT-Z011) WESTERN RUTLAND, (VT-Z012) WINDSOR, (VT-Z019) EASTERN RUTLAND

| | | |
|--------------------|---|--------------|
| 02/04/18 06:00 EST | 0 | Winter Storm |
| 02/05/18 04:00 EST | 0 | |

(VT-Z004) ESSEX, (VT-Z006) LAMOILLE, (VT-Z007) CALEDONIA, (VT-Z008) WASHINGTON, (VT-Z010) ORANGE, (VT-Z016) EASTERN FRANKLIN, (VT-Z018) EASTERN ADDISON

| | | |
|--------------------|---|----------------|
| 02/04/18 07:00 EST | 0 | Winter Weather |
| 02/05/18 04:00 EST | 0 | |

A series of low pressure systems moved across central, southern Vermont with a redeveloping coastal low off the New England shoreline. A prolonged period of light to moderate snow fell across the region with scattered heavier snowfalls as well. A widespread 2 to 5 inches of snow fell across the region with 6 to 12 inches across portions of southern VT and the Northeast Kingdom.

(VT-Z001) GRAND ISLE, (VT-Z002) WESTERN FRANKLIN, (VT-Z003) ORLEANS, (VT-Z004) ESSEX, (VT-Z005) WESTERN CHITTENDEN, (VT-Z006)

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|------------------------|
| LAMOILLE, (VT-Z007) CALEDONIA, (VT-Z008) WASHINGTON, (VT-Z009) WESTERN ADDISON, (VT-Z010) ORANGE, (VT-Z011) WESTERN RUTLAND, (VT-Z012) WINDSOR, (VT-Z016) EASTERN FRANKLIN, (VT-Z018) EASTERN ADDISON, (VT-Z019) EASTERN RUTLAND | | | | |
| | 02/07/18 10:00 EST | | 0.15M | Winter Storm |
| | 02/07/18 21:00 EST | | 0 | |
| (VT-Z017) EASTERN CHITTENDEN | | | | |
| | 02/07/18 11:00 EST | | 0 | Winter Weather |
| | 02/07/18 20:00 EST | | 0 | |

Low pressure moved from the Tennessee valley across southern New England on February 7th. It was a quick but potent system with duration of 6 to 8 hours and snowfall rates of an inch or more for several hours, which made for a hazardous evening commute. Snowfall accumulations of 5 to 10 inches were observed across much of Vermont.

VERMONT, South

| | | | | |
|--|--------------------|--|---|------------|
| (VT-Z013) BENNINGTON, (VT-Z014) WESTERN WINDHAM | | | | |
| | 02/04/18 07:00 EST | | 0 | Heavy Snow |
| | 02/05/18 01:00 EST | | 0 | |

A complex storm system brought widespread moderate to heavy snowfall to southern Vermont. Snow overspread the region during the morning, fell heavy at times during the afternoon and early evening and started to taper off from west to east in the late evening hours. Snowfall totals ranged from 5.0 to 14.0 inches.

| | | | | |
|---|--------------------|--|---|--------------|
| (VT-Z013) BENNINGTON, (VT-Z014) WESTERN WINDHAM, (VT-Z015) EASTERN WINDHAM | | | | |
| | 02/07/18 09:00 EST | | 0 | Winter Storm |
| | 02/07/18 22:00 EST | | 0 | |

A winter storm brought mixed wintry precipitation to the region. Precipitation began as snow during the morning hours but changed to a mix of sleet, freezing rain and snow during the afternoon hours. Precipitation transitioned back to snow during the evening hours before exiting the region to the east. Snowfall and sleet totals ranged from 5 inches to 10 inches.

| | | | | |
|--|--------------------|--|---|----------------|
| (VT-Z013) BENNINGTON, (VT-Z014) WESTERN WINDHAM | | | | |
| | 02/17/18 21:00 EST | | 0 | Winter Weather |
| | 02/18/18 07:00 EST | | 0 | |

A low pressure system tracked southeast of New York, spreading light to moderate snowfall across southern Vermont. The snowfall primarily fell Saturday night into early Sunday morning, with reports of up to 6.5 inches in the southern Green Mountains.

VIRGINIA, East

| | | | | |
|---|--------------------|--|---|--------------|
| CAROLINE COUNTY --- 2.0 N RAPPAHANNOCK ACADEMY [38.21, -77.28] | | | | |
| | 02/10/18 21:00 EST | | 0 | Heavy Rain |
| | 02/11/18 16:00 EST | | 0 | Source: RAWS |

Rainfall totals generally ranged between 1.5 inches and 4.0 inches across the county. Rappahannock Academy (2 N) reported 3.46 inches of rain. Fort A.P. Hill (1 SSW) reported 3.25 inches of rain. Port Royal (2 S) reported 2.86 inches of rain. Dawn (1 S) reported 1.85 inches of rain. This heavy rain caused some minor street flooding.

| | | | | |
|--|--------------------|--|---|-----------------------|
| CUMBERLAND COUNTY --- 2.0 N FARMVILLE [37.33, -78.57] | | | | |
| | 02/10/18 21:00 EST | | 0 | Heavy Rain |
| | 02/11/18 16:00 EST | | 0 | Source: COOP Observer |

Rainfall totals generally ranged between 1.0 inch and 3.0 inches across the county. This heavy rain caused some minor street flooding.

| | | | | |
|--|--------------------|--|---|-----------------------|
| FLUVANNA COUNTY --- PALMYRA [37.87, -78.28] | | | | |
| | 02/10/18 21:00 EST | | 0 | Heavy Rain |
| | 02/11/18 16:00 EST | | 0 | Source: COOP Observer |

Storm Data and Unusual Weather Phenomena - February 2018

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

Rainfall totals generally ranged between 1.5 inches and 4.0 inches across the county. Palmyra River Gage reported 3.67 inches of rain. Antioch (2 SE) reported 3.10 inches of rain. Union Mills (1 S) reported 2.60 inches of rain. This heavy rain caused some minor street flooding.

GOOCHLAND COUNTY --- CROZIER [37.63, -77.80]

| | | | | |
|--|--------------------|---|---|-----------------------|
| | 02/10/18 21:00 EST | 0 | 0 | Heavy Rain |
| | 02/11/18 16:00 EST | 0 | 0 | Source: COOP Observer |

Rainfall totals generally ranged between 1.5 inches and 4.0 inches across the county. Tabscott reported 4.01 inches of rain. Crozier reported 2.29 inches of rain. Oilville (1 W) reported 2.09 inches of rain. This heavy rain caused some minor street flooding.

HANOVER COUNTY --- 1.0 NNW GOODALL [37.79, -77.64]

| | | | | |
|--|--------------------|---|---|-----------------------|
| | 02/10/18 21:00 EST | 0 | 0 | Heavy Rain |
| | 02/11/18 16:00 EST | 0 | 0 | Source: COOP Observer |

Rainfall totals generally ranged between 1.5 inches and 4.0 inches across the county. Goodall (1 NNW) reported 4.07 inches of rain. Gilman (2 NNW) reported 2.62 inches of rain. Beaverdam (1 E) reported 2.27 inches of rain. Hanover County Municipal Airport reported 1.54 inches of rain. This heavy rain caused some minor street flooding.

HENRICO COUNTY --- 2.0 E ROSLYN HILLS [37.58, -77.53]

| | | | | |
|--|--------------------|---|---|--------------|
| | 02/10/18 21:00 EST | 0 | 0 | Heavy Rain |
| | 02/11/18 16:00 EST | 0 | 0 | Source: AWSS |

Rainfall totals generally ranged between 1.0 inch and 3.5 inches across the county. Roslyn Hills (2 E) reported 3.28 inches of rain. Tuckahoe (2 NW) reported 3.08 inches of rain. Short Pump (2 E) reported 1.78 inches of rain. This heavy rain caused some minor street flooding.

LOUISA COUNTY --- LOUISA [38.02, -78.00]

| | | | | |
|--|--------------------|---|---|--------------|
| | 02/10/18 21:00 EST | 0 | 0 | Heavy Rain |
| | 02/11/18 16:00 EST | 0 | 0 | Source: AWOS |

Rainfall totals generally ranged between 2.0 inches and 4.2 inches across the county. Louisa reported 4.18 inches of rain. Zion Crossroads (1 NNE) reported 4.03 inches of rain. Mineral reported 3.76 inches of rain. This heavy rain caused some minor street flooding.

PRINCE EDWARD COUNTY --- FARMVILLE [37.30, -78.57]

| | | | | |
|--|--------------------|---|---|--------------|
| | 02/10/18 21:00 EST | 0 | 0 | Heavy Rain |
| | 02/11/18 16:00 EST | 0 | 0 | Source: AWSS |

Rainfall totals generally ranged between 1.0 inch and 2.5 inches across the county. Farmville reported 1.96 inches of rain. Elam (1 SW) reported 1.52 inches of rain. This heavy rain caused some minor street flooding.

Low pressure areas tracking northeast along a slow moving frontal boundary produced heavy rain and minor flooding across portions of central Virginia.

VIRGINIA, Extreme Southwest

WISE COUNTY --- 2.0 S POUND [37.10, -82.62], COEBURN [36.93, -82.48], 4.0 SE BIG STONE GAP [36.83, -82.73], 4.0 SW BIG STONE GAP [36.83, -82.83]

| | | | | |
|--|--------------------|----|---|---------------------------|
| | 02/10/18 20:28 EST | 2K | 0 | Flood (due to Heavy Rain) |
| | 02/10/18 23:30 EST | 0 | 0 | Source: 911 Call Center |

Multiple road closures across the county. Several mudslides. Some evacuations taking place in Big Stone Gap.

LEE COUNTY --- 5.0 N JONESVILLE [36.75, -83.10], 8.0 WSW JONESVILLE [36.64, -83.23], 5.0 S JONESVILLE [36.61, -83.10], 8.0 ENE JONESVILLE [36.72, -82.97]

| | | | | |
|--|--------------------|---|---|---------------------------|
| | 02/10/18 20:34 EST | 0 | 0 | Flood (due to Heavy Rain) |
| | 02/10/18 23:30 EST | 0 | 0 | Source: 911 Call Center |

Multiple road closures across the county.

SCOTT COUNTY --- 12.0 W GATE CITY [36.63, -82.80], 12.0 N GATE CITY [36.80, -82.58], 15.0 NE GATE CITY [36.78, -82.39], 10.0 E GATE CITY [36.63, -82.40], 2.0 S GATE CITY [36.60, -82.58]

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/10/18 20:38 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/10/18 23:30 EST | | 0 | Source: 911 Call Center |

Several road closures around the county.

NORTON (C) COUNTY --- 1.0 NE NORTON [36.94, -82.62], 1.0 SE NORTON [36.92, -82.62], 1.0 SW NORTON [36.92, -82.64], 1.0 NW NORTON [36.94, -82.64], 1.0 N NORTON [36.94, -82.63]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/10/18 20:53 EST | | 5K | Flood (due to Heavy Rain) |
| | 02/10/18 23:45 EST | | 0 | Source: Emergency Manager |

Water entered a few buildings in the city, including a public works building. Some road closures.

WISE COUNTY --- 1.0 W EAST STONE GAP [36.87, -82.75], 1.0 SE EAST STONE GAP [36.86, -82.72], 5.0 ENE EAST STONE GAP [36.90, -82.65], 5.0 NE EAST STONE GAP [36.92, -82.67]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/10/18 22:00 EST | | 5K | Flood (due to Heavy Rain) |
| | 02/10/18 23:00 EST | | 0 | Source: 911 Call Center |

Water rescue in Powell Valley. Subject attempted to drive through high water and was pushed into the river. No injuries.

At 500 MB, a strong western Atlantic high pressure ridge and a deep low pressure trough over the High Plains were denoted at the surface by a slow-moving cold front over the Mississippi and Ohio River valleys. This resulted in unseasonably warm and humid conditions across east Tennessee and southwest Virginia, and widespread heavy rains.

VIRGINIA, North

(VA-Z503) WESTERN HIGHLAND

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/01/18 19:00 EST | | 0 | Winter Weather |
| | 02/02/18 04:00 EST | | 0 | |

Cold and moist air flowed over the mountains, resulting in snow for locations along and west of the Allegheny Front.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/04/18 08:00 EST | | 0 | Winter Weather |
| | 02/04/18 19:00 EST | | 0 | |

(VA-Z503) WESTERN HIGHLAND

| | | | | |
|--|--------------------|--|---|--------------|
| | 02/04/18 08:00 EST | | 0 | Winter Storm |
| | 02/04/18 17:00 EST | | 0 | |

Weak low pressure tracked up the Mid-Atlantic Coast. A cold air mass in place caused precipitation with this low to fall in the form of snow and ice.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/07/18 01:00 EST | | 0 | Winter Weather |
| | 02/07/18 14:00 EST | | 0 | |

Low pressure tracked up the Appalachians. Warm and moist air overran the colder air in place, resulting in precipitation. There was a cold layer near the surface that caused freezing rain.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|--------------------------------|
| ALBEMARLE COUNTY --- 0.4 NW CAMPBELL [38.03, -78.31], 0.4 NW CAMPBELL [38.03, -78.30], 0.3 NW CAMPBELL [38.03, -78.30], 0.3 WNW CAMPBELL [38.03, -78.31] | | | | |
| | 02/11/18 05:37 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 09:47 EST | | 0 | Source: Department of Highways |

Heavy rain caused Route 600 to flood and be closed near Mechunk Creek.

| | | | | |
|---|--------------------|--|---|--------------------------------|
| PRINCE WILLIAM COUNTY --- 0.4 WNW WOODBRIDGE [38.65, -77.26], 0.4 WNW WOODBRIDGE [38.65, -77.26], 0.4 WNW WOODBRIDGE [38.65, -77.26], 0.3 WNW WOODBRIDGE [38.65, -77.26] | | | | |
| | 02/11/18 06:21 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 11:01 EST | | 0 | Source: Department of Highways |

A portion of US Route 1 and Marys Way near Woodbridge was flooded and closed.

| | | | | |
|--|--------------------|--|---|---------------------------|
| NELSON COUNTY --- 0.4 WNW GLADSTONE [37.55, -78.88], 0.4 W GLADSTONE [37.55, -78.88], 0.3 WSW GLADSTONE [37.55, -78.87], 0.3 S GLADSTONE [37.55, -78.87], 0.2 SSE GLADSTONE [37.55, -78.87] | | | | |
| | 02/11/18 06:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 12:50 EST | | 0 | Source: 911 Call Center |

Portions of Union School Road and Gladstone Road were reported flooded and impassible.

| | | | | |
|--|--------------------|--|---|---------------------------|
| ALBEMARLE COUNTY --- 1.3 WSW SCOTTSVILLE [37.79, -78.52], 1.2 WSW SCOTTSVILLE [37.79, -78.52], 1.2 WSW SCOTTSVILLE [37.79, -78.52], 1.2 WSW SCOTTSVILLE [37.79, -78.52] | | | | |
| | 02/11/18 08:05 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 10:00 EST | | 0 | Source: 911 Call Center |

James River Road bridge flooded and closed.

| | | | | |
|--|--------------------|--|---|---------------------------|
| STAFFORD COUNTY --- 1.3 ENE FALMOUTH [38.33, -77.45], 1.2 NW FERRY FARMS [38.33, -77.45], 1.2 WNW FERRY FARMS [38.33, -77.45], 1.2 ENE FALMOUTH [38.33, -77.45] | | | | |
| | 02/11/18 09:56 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 12:00 EST | | 0 | Source: 911 Call Center |

Heavy rain caused flooding of Harrell Road near Falmouth. The road was closed.

Heavy precipitation developed along a stalled front during the overnight hours of February 10th into February 11th, causing flooding mainly in Central Virginia and the Virginia Piedmont region.

| | | | | |
|---|--------------------|--|---|----------------|
| (VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z040) RAPPAHANNOCK, (VA-Z053) FAIRFAX, (VA-Z501) NORTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE | | | | |
| | 02/17/18 11:00 EST | | 0 | Winter Weather |
| | 02/17/18 21:00 EST | | 0 | |

Low pressure to our west transferred its energy to a weak coastal low off the Mid-Atlantic Coast. High pressure to the north supplied the cold air and moisture from the low caused snow to develop.

| | | | | |
|---|--------------------|--|---|-----------|
| (VA-Z040) RAPPAHANNOCK, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN | | | | |
| | 02/24/18 00:52 EST | | 0 | Dense Fog |
| | 02/24/18 10:03 EST | | 0 | |

An unusually moist air mass and light winds led to areas of dense fog.

| | | | | |
|---|--------------------|--|---|-----------|
| (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z055) STAFFORD, (VA-Z057) KING GEORGE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN | | | | |
| | 02/25/18 23:15 EST | | 0 | Dense Fog |
| | 02/26/18 05:15 EST | | 0 | |

An unusually moist air mass and light winds led to areas of dense fog.

Storm Data and Unusual Weather Phenomena - February 2018

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

VIRGINIA, Northwest

(VA-Z003) DICKENSON, (VA-Z004) BUCHANAN

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/01/18 20:00 EST | | 0 | Winter Weather |
| | 02/02/18 10:00 EST | | 0 | |

A strong Arctic cold front moved across the region on the 1st. Temperatures were warm ahead of the front, and a lot of the precipitation fell as rain. However, cold air rushed in during the evening, changing the rain to snow. Around 3 inches of snow fell from late on the 1st into the morning of the 2nd. For example, the cooperative observer at Nora in Dickenson County, measured 3.8 inches, while reports on social media indicated only 2-3 inches in lower elevation parts of the county.

BUCHANAN COUNTY --- 1.5 NE BREAKS [37.31, -82.26], 0.3 WNW DAVENPORT [37.10, -82.13], 2.4 SE JEWELL VLY [37.22, -81.79], 2.9 NW PAYNESVILLE [37.35, -81.94], 3.7 ENE KELSA [37.48, -82.01]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/10/18 17:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/11/18 12:00 EST | | 0 | Source: 911 Call Center |

Multiple creeks and streams across the county flooded, including War Fork near Prater which closed State Route 83. Lesters Fork near Hurley also flooded, closing Route 650. the flood gates were closed in Grundy to keep water from the Levisa Fork from entering the city. Low lying areas around Davenport were flooded by high water on Hurricane Creek and Russell Fork. The Russell Fork also caused flooding of low lying areas in the community of Council.

DICKENSON COUNTY --- 0.5 SSE OSBORNS GAP [37.19, -82.55], 3.1 NE BARTLICK [37.28, -82.29], 1.8 SSW DUTY [37.06, -82.16], 1.6 W TRAMMEL GAP [36.98, -82.35], 0.9 SE IBEX [37.04, -82.47]

| | | | | |
|--|--------------------|--|-------|---------------------------|
| | 02/10/18 17:00 EST | | 0.20M | Flood (due to Heavy Rain) |
| | 02/11/18 11:00 EST | | 0 | Source: Emergency Manager |

Water from flooding along Crooked Branch got into Dyers Chapel near Clinchco, and covered some equipment at a nearby well services business. Several drivers had to be rescued after driving into high water near Haysi. At least 8 people had to be rescued throughout the night, but fortunately there were no injuries. Social media pictures showed a number of vehicles parked in private driveways were flooded.

An earthen dam failed at Camp Jacob in the far southwest corner of the county, draining the nearly 10 acre lake and causing significant damage to the camp.

Many roads were flooded across the county. This included US Route 460, due to high water along Levisa Fork and Slate Creek. County Route 611 was closed due to flooding from Barts Lick Creek, and County Route 608 due to water from Doe Branch. Route 637 was closed due to flooding along the Cranes Nest River and Lick Branch, and Route 612 was under water due to Laurel Creek and Georges Fork. Bearpen Creek also flooded near Isom. Several private roads and bridges across the county were also washed out.

The Russell Fork River at Haysi rose above its flood stage of 19 feet on the evening of the 10th. The river crested at about 20.5 feet just after midnight on the 11th, and returned to its banks by sunrise. This caused flooding along parts of Route 63 and 80/83. Minor water also effected the park and some businesses in Haysi.

The Cranes Nest River in Clintwood also surged out of its banks on the evening of the 10th. It rose to just over 14.5 feet by midnight, about a foot and a half over bankfull level, and returned to its banks during the pre-dawn hours of the 11th. This flooded a section of Route 649 as well as several camps along the river.

A frontal system was draped across the central Appalachians on the 10th and 11th. As waves moved along the front, periods of heavy rainfall moved across Southwestern Virginia. Rainfall started during the morning of the 10th, with the heaviest rain from late afternoon overnight into the 11th. Three to four inches of rain fell over the 24 hour period, which lead to widespread flooding from the afternoon of the 10th, into the 11th. The cooperative observer at Nora in Dickenson County measured 4.04 inches of rainfall from the storm and a trained spotter in Clintwood measured 3.25 inches. In Buchanan County, the cooperative observer at Grundy measured 3.52 inches of rain and a mesonet gauge on Keen Mountain measured 3.04 inches. Dickenson County was placed under a state of emergency, and voluntary evacuation were started for the most flood prone spots in the county. A state of emergency was also declared by Buchanan County officials.

As the water drained through creeks and streams and into the rivers, river flooding occurred on the Russell Fork River and Cranes Nest River. John W. Flannagan Lake jumped 20 feet in just 24 hours, as the US Army Corps of Engineers shut down the dam's outflow to lessen river flooding in the region.

DICKENSON COUNTY --- 1.4 WNW VICEY [37.23, -82.27], 0.9 W DARWIN [37.10, -82.52], 1.7 SE IBEX [37.03, -82.46], 2.0 NW BEE [37.14, -82.20]

| | | | | |
|--|--------------------|--|----|---------------------------|
| | 02/17/18 17:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/17/18 20:00 EST | | 0 | Source: 911 Call Center |

Several roads were closed due to high water. Coeburn Road was flooded near the Wise County Line due to high water on the Cranes Nest River. Russell Fork also flooded, causing high water along Sandlick Road near Haysi.

Storm Data and Unusual Weather Phenomena - February 2018

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

A wave of low pressure and surface front crossed from Kentucky and Tennessee into Virginia and West Virginia, producing heavy rainfall on the 16th and 17th. Generally 1 to 2 inches of rain fell, resulting in some minor creek and road flooding.

VIRGINIA, Southwest

APPOMATTOX COUNTY --- 1.5 S APPOMATTOX [37.33, -78.83]

| | | |
|--------------------|---|-----------------------|
| 02/10/18 07:00 EST | 0 | Heavy Rain |
| 02/11/18 07:00 EST | 0 | Source: COOP Observer |

The COOP observer at Appomattox had a 24-hour total of 2.73 inches for the 24-hour period ending at 7 AM on the 11th. This was the highest daily rainfall total during the month of February at this location since records began in 1938. An IFLOWS gage at Bent Creek (BECV2) recorded 5.13 inches for a storm total. Minor flooding was reported in parts of the county.

BEDFORD COUNTY --- 1.3 ENE BEDFORD CITY [37.33, -79.51]

| | | |
|--------------------|---|-----------------------|
| 02/10/18 07:00 EST | 0 | Heavy Rain |
| 02/11/18 07:00 EST | 0 | Source: COOP Observer |

The COOP observer at Bedford had a 24-hour total of 3.10 inches for the 24-hour period ending at 7 AM on the 11th. This was the highest daily rainfall total during the month of February at this location since records began in 1931. Minor flooding was reported in parts of the county.

BUCKINGHAM COUNTY --- 2.1 E BUCKINGHAM [37.55, -78.51]

| | | |
|--------------------|---|-----------------------|
| 02/10/18 07:00 EST | 0 | Heavy Rain |
| 02/11/18 07:00 EST | 0 | Source: COOP Observer |

The COOP observer at Buckingham had a 24-hour total of 2.71 inches for the 24-hour period ending at 7 AM on the 11th. This was the highest daily rainfall total during the month of February at this location since records began in 1950. Minor flooding was reported in parts of the county.

CAMPBELL COUNTY --- 4.0 SSW CONCORD [37.30, -79.01]

| | | |
|--------------------|---|-----------------------|
| 02/10/18 07:00 EST | 0 | Heavy Rain |
| 02/11/18 07:00 EST | 0 | Source: COOP Observer |

The COOP observer at Concord 4 SSW had a 24-hour total of 2.60 inches for the 24-hour period ending at 7 AM on the 11th. This was the highest daily rainfall total during the month of February at this location since records began in 1950. Minor flooding was reported in parts of the county.

PATRICK COUNTY --- 1.5 ENE STUART [36.64, -80.25]

| | | |
|--------------------|---|-----------------------|
| 02/10/18 07:00 EST | 0 | Heavy Rain |
| 02/11/18 07:00 EST | 0 | Source: COOP Observer |

The COOP observer at Stuart had a 24-hour total of 2.77 inches for the 24-hour period ending at 7 AM on the 11th. This was the 3rd highest daily rainfall total during the month of February at this location since records began in 1923. Minor flooding was reported in parts of the county.

PATRICK COUNTY --- 2.6 N KIBLER [36.67, -80.45]

| | | |
|--------------------|---|-----------------------|
| 02/10/18 07:00 EST | 0 | Heavy Rain |
| 02/11/18 07:00 EST | 0 | Source: COOP Observer |

The COOP observer at Meadows of Dan had a 24-hour total of 3.02 inches for the 24-hour period ending at 7 AM on the 11th. This was the 3rd highest daily rainfall total during the month of February at this location since records began in 1950. Minor flooding was reported in parts of the county.

CAMPBELL COUNTY --- 0.4 S LYNCHBURG ARPT [37.33, -79.20]

| | | |
|--------------------|---|--------------|
| 02/11/18 00:00 EST | 0 | Heavy Rain |
| 02/12/18 00:00 EST | 0 | Source: ASOS |

The ASOS rain gauge at Lynchburg had a 24-hour total of 2.04 inches for the 24-hour period ending at 12 AM on the 12th. This was the 4th highest daily rainfall total during the month of February at this location since records began in 1893 and was a record for February 11th. The old record was 1.99 inches set in 1994. Minor flooding was reported around the county with some roads closed.

TAZEWELL COUNTY --- 1.5 SE RICHLANDS [37.09, -81.80], 1.3 ESE RICHLANDS [37.09, -81.80], 0.9 W POUNDING MILL [37.08, -81.74], 1.3 WSW POUNDING MILL [37.07, -81.74]

| | | |
|--------------------|---|---------------------------|
| 02/11/18 03:00 EST | 0 | Flood (due to Heavy Rain) |
| 02/12/18 03:00 EST | 0 | Source: River/Stream Gage |

Storm Data and Unusual Weather Phenomena - February 2018

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

The Clinch River at Richlands (RLRV2) crested at 10.97 feet (Minor Flood stage - 10 ft.). In addition, a portion of Route 608, Cove Road, was reported closed by high water.

FRANKLIN COUNTY --- 0.6 W LANAHAN [36.93, -79.98], 1.1 SW HENRY FORK [36.96, -79.88], 1.4 ENE BARFOOT [36.98, -79.91], 2.4 WNW WAIDSBORO [36.96, -79.99]

| | | | | |
|--|--------------------|---|---|--------------------------------|
| | 02/11/18 06:00 EST | 0 | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 06:00 EST | 0 | 0 | Source: Department of Highways |

Two roads were reported closed due to flooding in the county, Route 759 and Route 756.

AMHERST COUNTY --- 1.0 E SWEET BRIAR [37.55, -79.05], 1.7 WNW RIVERVILLE [37.53, -78.95], 3.1 N RIVERVILLE [37.56, -78.91], 0.9 WSW UNION HILL [37.56, -79.04]

| | | | | |
|--|--------------------|---|---|--------------------------------|
| | 02/11/18 08:00 EST | 0 | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 08:00 EST | 0 | 0 | Source: Department of Highways |

Several roads were reported to be closed due to flooding in the county including Routes 648, 600, 624 and 604.

APPOMATTOX COUNTY --- APPOMATTOX [37.35, -78.83], 3.1 W EVERGREEN [37.30, -78.84], 2.2 E EVERGREEN [37.31, -78.74], 4.1 NNE EVERGREEN [37.35, -78.75]

| | | | | |
|--|--------------------|---|---|--------------------------------|
| | 02/11/18 08:00 EST | 0 | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 08:00 EST | 0 | 0 | Source: Department of Highways |

Several roads were reported closed due to flooding including Route 705, Route 666, Route 605.

BUCKINGHAM COUNTY --- 3.5 WSW WINGINA [37.61, -78.78], 1.9 SSE ENONVILLE [37.48, -78.50], 0.7 ESE NEW CANTON [37.70, -78.29], 0.9 E HATTON [37.75, -78.50]

| | | | | |
|--|--------------------|---|---|---------------------------|
| | 02/11/18 08:00 EST | 0 | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 08:00 EST | 0 | 0 | Source: River/Stream Gage |

Numerous roads were reported closed in Buckingham County due to high water and washouts including Routes 602, 655, 793, 657, 659, 664 and 737. The USGS gauge on the Slate River near Arvonnia (ARVV2) crested at 13.34 feet (Minor Flood stage - 12 ft.). This was highest stage since May 2014 on this site and was just below the 5-year recurrence interval (0.2 annual exceedance probability).

ALLEGHANY COUNTY --- 83.2 SE LONGDALE FURNACE [36.91, -78.74], 85.6 SE LONGDALE FURNACE [36.89, -78.70], 88.5 SE LONGDALE FURNACE [36.86, -78.67], 88.2 SE LONGDALE FURNACE [36.85, -78.68], 83.5 SE LONGDALE FURNACE [36.91, -78.74]

| | | | | |
|--|--------------------|---|---|---------------------------|
| | 02/12/18 06:00 EST | 0 | 0 | Flood (due to Heavy Rain) |
| | 02/12/18 15:00 EST | 0 | 0 | Source: River/Stream Gage |

The Roanoke (Staunton) River crested at 21.55 feet just slightly over Minor Flood stage of 21 feet toward midday on the 12th.

HALIFAX COUNTY --- 2.7 E NEWS FERRY [36.68, -78.98], 0.5 SE SOUTH BOSTON [36.70, -78.89], 0.9 SE SOUTH BOSTON [36.69, -78.89], 2.9 E NEWS FERRY [36.67, -78.98]

| | | | | |
|--|--------------------|---|---|---------------------------|
| | 02/12/18 06:00 EST | 0 | 0 | Flood (due to Heavy Rain) |
| | 02/13/18 18:00 EST | 0 | 0 | Source: River/Stream Gage |

The Dan River at South Boston crested at 19.96 feet just over Minor Flood Stage (19 ft.) during the evening of the 12th. The Roanoke (Staunton) River also exceeded minor flood stage in far eastern Halifax County along the Charlotte County line.

A broad upper level trough with a slow-moving frontal boundary brought an extended period of mainly light to moderate rainfall that began on the afternoon of the 10th and persisted well into the evening of the 11th. Several rivers reached flood stage and a number of roads were reported closed. Rainfall amounts ranged from 2 to 3 inches in a 24-hour period ending at 7 AM EST on the 11th and for many locations it was one of the wettest February days on record. 48-hour storm total rainfall (ending 7 AM EST) on the 12th reached 4 to 5 inches in several locations.

WASHINGTON, Northeast

(WA-Z041) WENATCHEE AREA

| | | | | |
|--|--------------------|-----|---|-------------------------|
| | 02/08/18 00:00 PST | 10K | 0 | Strong Wind (MAX 45 kt) |
| | 02/08/18 10:00 PST | 0 | 0 | |

During the night of February 7th and into the early morning hours of February 8th strong winds down sloping off the Cascades in the

Storm Data and Unusual Weather Phenomena - February 2018

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

wake of a frontal passage caused scattered power outages due to trees interacting with power lines in the Wenatchee and Entiat area. The highest recorded wind gust was 52 mph at the Wenatchee airport.

(WA-Z033) WASHINGTON PALOUSE, (WA-Z035) UPPER COLUMBIA BASIN, (WA-Z036) SPOKANE AREA, (WA-Z037) NORTHEAST MOUNTAINS

| | | | | |
|--|--------------------|--|---|------------|
| | 02/13/18 18:00 PST | | 0 | Heavy Snow |
| | 02/14/18 18:00 PST | | 0 | |

During the night of February 13th a surface low pressure formed over eastern Washington and tracked southeastward into central Idaho on February 14th before weakening. The western Columbia Basin received minor accumulations of snow which quickly melted during the day, however the rising terrain of the eastern basin including the Palouse region and the Spokane area as well as the northeastern mountains of Washington were north of the track and under the most intense precipitation from this storm. Widespread heavy snow accumulations resulted.

(WA-Z037) NORTHEAST MOUNTAINS, (WA-Z038) OKANOGAN HIGHLANDS, (WA-Z042) EAST SLOPES NORTHERN CASCADES

| | | | | |
|--|--------------------|--|---|------------|
| | 02/17/18 01:00 PST | | 0 | Heavy Snow |
| | 02/18/18 16:00 PST | | 0 | |

A stationary front laying west to east over eastern Washington and north Idaho on February 17th developed into surface low pressure and finally an Arctic cold front which sagged southward through the region during the day of February 18th. A fetch of Pacific moisture fed into the surface low and enhanced into a period of moderate intensity snow during the day of February 17th and into the morning of the 18th. Heavy snow accumulations resulted over the Cascades and northeast Washington mountains. This storm also brought lesser but still significant accumulations of snow to the Spokane area and the Palouse region before very dry Arctic air descending out of Canada behind the front effectively ended precipitation over the region.

(WA-Z033) WASHINGTON PALOUSE

| | | | | |
|--|--------------------|--|---|------------|
| | 02/24/18 07:00 PST | | 0 | Heavy Snow |
| | 02/24/18 13:00 PST | | 0 | |

(WA-Z033) WASHINGTON PALOUSE

| | | | | |
|--|--------------------|--|----|-------------------------|
| | 02/25/18 11:00 PST | | 1K | Strong Wind (MAX 39 kt) |
| | 02/25/18 12:00 PST | | 0 | |

A weather disturbance passing through the region on February 24th brought locally heavy snow accumulations to the Washington Palouse region. A second subsequent storm right on it's heels on February 25th brought little additional snow but did generate breezy conditions which caused locally severe drifting and blowing of the previous day's snow on the exposed terrain of the Palouse.

(WA-Z042) EAST SLOPES NORTHERN CASCADES

| | | | | |
|--|--------------------|--|---|------------|
| | 02/28/18 20:00 PST | | 0 | Heavy Snow |
| | 02/28/18 23:59 PST | | 0 | |

Beginning during the evening of the 28th of February and continuing through the 2nd of March a slow moving frontal band brought an extended period of wet snow to the Cascades, The Okanogan Highlands and the Northeast Mountains and the higher terrain of the western Columbia and Okanogan River valleys. The accumulating snow was very elevation dependent with only a few hundred feet elevation making the difference between little or no accumulation and accumulations of upwards of a foot of very wet heavy snow. The East Slopes of the Cascades began to accumulate snow during the evening of the last day of February, with the area of precipitation spreading eastward during the first two days of March.

WASHINGTON, Northwest

(WA-Z001) SAN JUAN

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 02/11/18 20:17 PST | | 0 | High Wind (MAX 41 kt) |
| | 02/12/18 00:37 PST | | 0 | |

High wind was recorded on Lopez Island during the night of February 11-12.

(WA-Z510) ADMIRALTY INLET AREA

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 02/17/18 12:09 PST | | 0 | High Wind (MAX 53 kt) |
| | 02/17/18 14:09 PST | | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

Strong onshore flow brought high wind to Whidbey Island.

(WA-Z001) SAN JUAN, (WA-Z503) WESTERN WHATCOM COUNTY

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 02/18/18 12:51 PST | | 0 | High Wind (MAX 54 kt) |
| | 02/18/18 15:22 PST | | 0 | |

Strong Fraser River outflow brought high north winds to Western Whatcom County and the San Juans.

(WA-Z001) SAN JUAN

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 02/28/18 17:36 PST | | 0 | High Wind (MAX 37 kt) |
| | 02/28/18 19:36 PST | | 0 | |

There was brief high wind on Lopez Island.

WASHINGTON, Southeast

WALLA WALLA COUNTY --- 0.7 SSE TOUCHET [46.02, -118.66], 3.8 WSW TOUCHET [46.02, -118.75], 1.3 SW REESE [46.06, -118.80], 1.9 S WALLULA [46.05, -118.90], 0.6 SSE WALLULA [46.07, -118.89], 1.7 E ZANGER JCT [46.08, -118.81], 0.4 N REESE [46.08, -118.78], 1.3 NW TOUCHET [46.04, -118.69]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 02/05/18 15:00 PST | | 0 | Flood (due to Heavy Rain) |
| | 02/05/18 16:00 PST | | 0 | Source: River/Stream Gage |

Walla Walla river near Touchet - Flood Stage 13 feet. River rose to flood stage at 1500 PST, cresting at 13.0 feet at 1530 PST, then went below flood stage after 1600 PST. Only brief minor flooding.

Two to three inches of rain fell along the west slopes of the Blue Mountains from February 1st through 4th. The increased runoff caused high water levels and minor flooding along the Umatilla and Walla Walla Rivers.

(WA-Z024) EASTERN COLUMBIA RIVER GORGE, (WA-Z028) LOWER COLUMBIA BASIN, (WA-Z521) SIMCOE HIGHLANDS

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 02/17/18 11:30 PST | | 0 | High Wind (MAX 59 kt) |
| | 02/17/18 19:00 PST | | 0 | |

A Pacific storm system moved across the region causing strong winds over a good portion of the area from late morning into the evening.

(WA-Z030) NORTHWEST BLUE MOUNTAINS

| | | | | |
|--|--------------------|--|---|------------|
| | 02/23/18 16:00 PST | | 0 | Heavy Snow |
| | 02/24/18 17:00 PST | | 0 | |

A pair of disturbances brought snow to the region late Friday February 23rd and on Saturday February 24th. The most significant snow fall occurred in the northern Blue mountains.

WASHINGTON, Southwest

(WA-Z021) SOUTH COAST

| | | | | |
|--|--------------------|---|---|-------------|
| | 02/02/18 20:50 PST | 2 | 0 | Rip Current |
| | 02/02/18 21:00 PST | | 0 | |

Direct Fatalities: F61OT, F70OT

Surf was relatively benign for the time of year, as seas were generally around 5 ft with dominant wave period around 8 to 9 seconds. No one is sure quite what happened, but two people clamming in different locations on Washington Coast beaches in Pacific County were swept away by the surf.

(WA-Z040) SOUTHERN WASHINGTON CASCADE FOOTHILLS

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/18/18 06:00 PST | | 0 | Heavy Snow |
| | 02/18/18 18:00 PST | | 0 | |

Cold low pressure system brought snow levels down near sea level. Though temperatures at sea level were a bit too warm for much accumulating snow, up in the Cascade Foothills, snow accumulated quickly with amounts generally around 5 to 10 inches.

(WA-Z022) LOWER COLUMBIA, (WA-Z039) GREATER VANCOUVER AREA, (WA-Z040) SOUTHERN WASHINGTON CASCADE FOOTHILLS, (WA-Z045) WESTERN COLUMBIA GORGE, (WA-Z046) CENTRAL COLUMBIA RIVER GORGE

| | | | | |
|--|--------------------|--|---|------------|
| | 02/20/18 09:00 PST | | 0 | Heavy Snow |
| | 02/20/18 23:00 PST | | 0 | |

A low pressure system slid down the coast and stayed offshore, pulling cold air from east of the Cascades into southwest Washington. This brought snow levels down to sea level, and moisture from the low pressure system meant snow down to sea level around Vancouver and along the lower Columbia River.

(WA-Z019) SOUTH WASHINGTON CASCADES

| | | | | |
|--|--------------------|--|---|------------|
| | 02/25/18 04:00 PST | | 0 | Heavy Snow |
| | 02/25/18 17:00 PST | | 0 | |

A moist low pressure system brought heavy snow to the Cascades. Snow levels started around 1500 feet but rose to settle around 2500 feet for the rest of the event, with most of the snow falling above 2500 feet.

WEST VIRGINIA, East

(WV-Z501) WESTERN GRANT, (WV-Z505) WESTERN PENDLETON

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/01/18 19:00 EST | | 0 | Winter Weather |
| | 02/02/18 04:00 EST | | 0 | |

Cold and moist air flowed over the mountains, resulting in snow for locations along and west of the Allegheny Front.

(WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/03/18 01:00 EST | | 0 | Winter Weather |
| | 02/03/18 14:00 EST | | 0 | |

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z503) WESTERN MINERAL

| | | | | |
|--|--------------------|--|---|--------------|
| | 02/07/18 03:00 EST | | 0 | Winter Storm |
| | 02/07/18 14:00 EST | | 0 | |

Low pressure tracked up the Appalachians. Warm and moist air overran the colder air in place, resulting in precipitation. There was a cold layer near the surface that caused freezing rain.

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z506) EASTERN PENDLETON

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/04/18 08:00 EST | | 0 | Winter Weather |
| | 02/04/18 19:00 EST | | 0 | |

(WV-Z505) WESTERN PENDLETON

| | | | | |
|--|--------------------|--|---|--------------|
| | 02/04/18 08:00 EST | | 0 | Winter Storm |
| | 02/04/18 17:00 EST | | 0 | |

Weak low pressure tracked up the Mid-Atlantic Coast. A cold air mass in place caused precipitation with this low to fall in the form of snow and ice.

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/17/18 13:00 EST | | 0 | Winter Weather |
| | 02/17/18 21:00 EST | | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

Low pressure to our west transferred its energy to a weak coastal low off the Mid-Atlantic Coast. High pressure to the north supplied the cold air and moisture from the low caused snow to develop.

WEST VIRGINIA, North

(WV-Z001) HANCOCK, (WV-Z002) BROOKE, (WV-Z003) OHIO, (WV-Z004) MARSHALL

| | | |
|--------------------|---|--------------|
| 02/07/18 02:00 EST | 0 | Winter Storm |
| 02/07/18 14:00 EST | 0 | |

(WV-Z512) EASTERN PRESTON

| | | |
|--------------------|---|----------------|
| 02/07/18 03:00 EST | 0 | Winter Weather |
| 02/07/18 09:00 EST | 0 | |

Low pressure moved up the western side of the Appalachians Tuesday night, February 6th into the morning hours of Wednesday, February 7th. Initially the precipitation started as snow across the upper Ohio Valley. As the warm air surged north, precipitation type changed to a wintry mix of sleet and freezing rain. Locations in northern West Virginia and southwestern Pennsylvania changed over to rain with temperatures climbing into the upper 30s to lower 40s. Eastern Ohio, the northern West Virginia Panhandle, and locations from central Beaver county, northeast into southern Jefferson county, Pennsylvania switched over to freezing rain. Ice accumulation was around a quarter of an inch for these places. Farther north along the I-80 corridor and parts of interior southeastern Ohio, cold air remained socked in, keeping the precipitation all snow. Several inches of snow fell with the highest amounts located across parts of northern Butler county northeast into Clarion, Jefferson, and Forest counties. For eastern Ohio, Columbiana, Carroll, southwest into Coshocton county around six inches of snow fell.

BROOKE COUNTY --- 1.2 SW BETHANY [40.19, -80.56], 0.6 SSW BETHANY [40.19, -80.55], 0.9 SSE BETHANY [40.19, -80.55], 1.2 SSW BETHANY [40.18, -80.56]

| | | |
|--------------------|---|---------------------------|
| 02/15/18 19:30 EST | 0 | Flood (due to Heavy Rain) |
| 02/16/18 17:30 EST | 0 | Source: Emergency Manager |

Emergency manager reported that County Road 32/1 was closed due to flooding.

BROOKE COUNTY --- 0.6 WSW BOWMAN [40.25, -80.64], 0.3 ENE POWER [40.22, -80.64], 0.8 WNW WINDSOR HGTS [40.20, -80.66], 0.4 WNW BEECHBOTTOM [40.23, -80.66], 0.8 W BOWMAN [40.25, -80.64]

| | | |
|--------------------|---|---------------------------|
| 02/15/18 20:30 EST | 0 | Flood (due to Heavy Rain) |
| 02/16/18 17:30 EST | 0 | Source: Emergency Manager |

Emergency manager reported that Route 2 was flooded near Beech Bottom.

MARION COUNTY --- 1.0 NNW MANNINGTON [39.54, -80.34], 1.5 WNW MANNINGTON [39.54, -80.36], 1.1 SW MANNINGTON [39.52, -80.35], 0.7 SSW MANNINGTON [39.52, -80.33], 0.2 NE MANNINGTON [39.53, -80.33]

| | | |
|--------------------|---|---------------------------|
| 02/16/18 02:24 EST | 0 | Flood (due to Heavy Rain) |
| 02/17/18 05:00 EST | 0 | Source: State Official |

State official reported that Water Street and Route 250 were closed in Mannington due to flooding.

PRESTON COUNTY --- FELLOWSVILLE [39.33, -79.82], 1.2 ENE EVANSVILLE [39.34, -79.85], 0.8 E EVANSVILLE [39.33, -79.86], 1.2 ESE EVANSVILLE [39.33, -79.85], 0.3 SSW FELLOWSVILLE [39.33, -79.82]

| | | |
|--------------------|---|---------------------------|
| 02/16/18 03:31 EST | 0 | Flood (due to Heavy Rain) |
| 02/17/18 08:00 EST | 0 | Source: State Official |

State official reported that the intersection of Route 92 and Route 50 was closed in Fellowsville due to flooding.

PRESTON COUNTY --- 0.3 NW AMBLERSBURG [39.38, -79.63], 0.4 NNE AMBLERSBURG [39.39, -79.63], 0.7 NNE AMBLERSBURG [39.39, -79.63], 0.7 NNW AMBLERSBURG [39.39, -79.63]

| | | |
|--------------------|---|--------------------------------|
| 02/16/18 04:35 EST | 0 | Flood (due to Heavy Rain) |
| 02/16/18 08:00 EST | 0 | Source: Department of Highways |

Department of highways reported high water at Saltlick and Arch Road.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|---------------------------|
| BROOKE COUNTY --- 0.9 NW WELLSBURG [40.28, -80.61], 0.5 NW BETHANY [40.21, -80.56], 1.4 WSW BETHANY [40.19, -80.57], 0.7 NNE BOWMAN [40.26, -80.62] | | | | |
| | 02/16/18 08:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 17:30 EST | | 0 | Source: Emergency Manager |

Emergency manager reported that Route 67 was closed from Wellsburg to Bethany due to flooding.

| | | | | |
|---|--------------------|--|---|--------------------------------|
| WETZEL COUNTY --- 0.7 S PINE GROVE [39.56, -80.68], 0.5 SW PINE GROVE [39.57, -80.69], 0.3 SE PINE GROVE [39.57, -80.68], 0.4 E HASTINGS [39.55, -80.66], 0.5 WSW HASTINGS [39.55, -80.68] | | | | |
| | 02/16/18 08:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 19:00 EST | | 0 | Source: Department of Highways |

State department of highways reported that County Road 20 was closed due to high water across a two-mile stretch of the road.

| | | | | |
|---|--------------------|--|---|--------------------------------|
| WETZEL COUNTY --- 0.5 E SMITHFIELD [39.50, -80.56], 0.4 ESE SMITHFIELD [39.50, -80.56], 0.3 E SMITHFIELD [39.50, -80.57], 0.8 ENE SMITHFIELD [39.50, -80.56], 0.9 E SMITHFIELD [39.50, -80.55] | | | | |
| | 02/16/18 08:15 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 19:00 EST | | 0 | Source: Department of Highways |

State department of highways reported high water on Mannington Road.

| | | | | |
|--|--------------------|--|---|--------------------------------|
| WETZEL COUNTY --- 0.5 ENE KINGSTOWN [39.58, -80.59], 0.1 SW KINGSTOWN [39.58, -80.60], 1.2 S BIG RUN [39.56, -80.58], 1.0 SSE BIG RUN [39.57, -80.57] | | | | |
| | 02/16/18 08:15 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/16/18 19:00 EST | | 0 | Source: Department of Highways |

Department of highways reported high water across North Fork Road.

Waves of heavy rain produced flooding on February 15th through the 16th. A line of thunderstorms developed along a lifting warm front, providing not only for enhancement in the rainfall totals, which ranged from 1-3 inches, but also attributed to shear that supported the development of a short-lived tornado over Uniontown, in Fayette county Pennsylvania. This was the first tornado in February since 1950 for the Pittsburgh Weather Service area of responsibility.

| | | | | |
|----------------------------------|--------------------|--|---|------------|
| (WV-Z512) EASTERN PRESTON | | | | |
| | 02/17/18 14:00 EST | | 0 | Heavy Snow |
| | 02/18/18 02:00 EST | | 0 | |

| | | | | |
|---------------------------------|--------------------|--|---|----------------|
| (WV-Z514) EASTERN TUCKER | | | | |
| | 02/17/18 14:00 EST | | 0 | Winter Weather |
| | 02/18/18 02:00 EST | | 0 | |

A quick moving low pressure brought snow to parts of southwestern Pennsylvania, northern West Virginia, and western Maryland starting the afternoon of the 17th and ending early in the morning on the 18th. The snow started fast with 1-2" per hour accumulations. With a recent warm up, accumulation was largely confined to grassy surfaces. The highest snowfall totals fell in the mountains of northern West Virginia, western Maryland, and the Laurels of southwestern Pennsylvania, where the snow ranged from 6-8 inches in the highest peaks.

| | | | | |
|---|--------------------|--|---|---------------------------|
| OHIO COUNTY --- 1.0 N BETHLEHEM [40.06, -80.68], 1.2 NW BETHLEHEM [40.06, -80.69], 1.3 S WARWOOD [40.10, -80.70], 0.9 SSW WILLOW SPGS [40.14, -80.70], 0.9 ESE WARWOOD [40.11, -80.69] | | | | |
| | 02/22/18 08:53 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 16:00 EST | | 0 | Source: Emergency Manager |

Emergency manager reported flooding on River Road as well as at National Road and Mt DeChantal Road along Wheeling Creek.

| | | | | |
|---|--------------------|--|---|---------------------------|
| MARSHALL COUNTY --- GLENDALE [39.95, -80.75], 0.8 NE GLENDALE [39.96, -80.74], 0.8 S GLENDALE HGTS [39.96, -80.73], 0.7 SSE GLENDALE [39.94, -80.74], 0.7 SSW GLENDALE [39.94, -80.76] | | | | |
| | 02/22/18 09:21 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/22/18 16:00 EST | | 0 | Source: Emergency Manager |

Emergency manager reported that Little Grave Creek was out of its banks near Glendale.

Over-saturated ground lead to another round of flooding on Feb 22nd, despite rainfall amounts generally under an inch. Several landslides were reported as well as basement flooding in addition to road closures.

Storm Data and Unusual Weather Phenomena - February 2018

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

WEST VIRGINIA, Southeast

(WV-Z508) WESTERN GREENBRIER

| | | | | |
|--------------------|--|---|--|--------------|
| 02/02/18 00:00 EST | | 0 | | Winter Storm |
| 02/02/18 12:00 EST | | 0 | | |

Bands of locally heavy snow occurred across western Greenbrier County in the wake of a strong cold front. A plume of moisture off of Lake Michigan interacted with a combination of strong lift associated with a passing upper level disturbance and orographic lift on the eastern side of the Appalachians, resulting in a brief period of enhanced snowfall rates.

GREENBRIER COUNTY --- 0.5 NW WHITE SULPHUR SPGS [37.79, -80.31]

| | | | | |
|--------------------|--|---|--|-----------------------|
| 02/10/18 07:00 EST | | 0 | | Heavy Rain |
| 02/11/18 07:00 EST | | 0 | | Source: COOP Observer |

The COOP site at White Sulphur Springs (WSUW2) measured 1.72 inches of rain for the 24-hour period ending 12z (7 AM) on February 11. This was the 3rd highest 1-day total for any February day since continuous records began there in 1922 (with sporadic data back to 1888).

SUMMERS COUNTY --- 0.5 WSW ALDERSON [37.73, -80.66]

| | | | | |
|--------------------|--|---|--|-----------------------|
| 02/10/18 07:00 EST | | 0 | | Heavy Rain |
| 02/11/18 07:00 EST | | 0 | | Source: COOP Observer |

The COOP site at Alderson (ALDW2) measured 1.90 inches of rain for the 24-hour period ending 12z (7 AM) on February 11. This was the 3rd highest 1-day total for any February day since records began there in 1946.

SUMMERS COUNTY --- 0.6 SSW BELLEPOINT [37.64, -80.88]

| | | | | |
|--------------------|--|---|--|-----------------------|
| 02/10/18 07:00 EST | | 0 | | Heavy Rain |
| 02/11/18 07:00 EST | | 0 | | Source: COOP Observer |

The COOP site at Bluestone Lake (BLUW2) measured 2.13 inches of rain for the 24-hour period ending 12z (7 AM) on February 11. This was the highest 1-day total for any February day since records began there in 1944.

GREENBRIER COUNTY --- 0.7 NNE CHARMCO [38.01, -80.72], 2.0 WSW RENICK [37.96, -80.40], 2.4 SSW SHRYOCK [37.92, -80.17], 2.5 S TUCKAHOE [37.71, -80.27], 4.1 WSW CRAIG [37.88, -80.82]

| | | | | |
|--------------------|--|---|--|---------------------------|
| 02/10/18 18:00 EST | | 0 | | Flood (due to Heavy Rain) |
| 02/11/18 18:00 EST | | 0 | | Source: Emergency Manager |

Two water rescues were made after people drove into high water in the county. Several streams were reported to be out of banks including Muddy Creek, Little Sewell Creek and Anthony Creek. There were a number of other reports of flooding from around Greenbrier County. Tunnels at Monroe Draft, Harts Run and Tuckahoe Road were flooded. Route 60 in Hines, Snake Run Road in the Blue Sulphur Springs area and Blue Bend Road near Alvon all had reports of high water. Four people were evacuated due to concerns of water around their house.

MONROE COUNTY --- 3.2 N RED SULPHUR SPGS [37.55, -80.78], 3.1 N RED SULPHUR SPGS [37.54, -80.77], 1.2 NNE RED SULPHUR SPGS [37.52, -80.77], 1.6 N RED SULPHUR SPGS [37.52, -80.77]

| | | | | |
|--------------------|--|---|--|---------------------------|
| 02/10/18 22:00 EST | | 0 | | Flood (due to Heavy Rain) |
| 02/11/18 14:00 EST | | 0 | | Source: River/Stream Gage |

Indian Creek near Red Sulphur Springs crested at 10.11 feet (Minor Flood stage - 8 ft.) early on the 11th. At least one road was closed due the flooding.

MERCER COUNTY --- 1.1 ESE COALDALE [37.34, -81.33], 0.8 SE (BLF)MERCER CO ARPT [37.29, -81.21], 1.6 ESE LILLY GROVE [37.37, -81.05], 3.7 NNE LERONA [37.55, -80.96], 3.8 SSE BARN [37.52, -81.15], 0.4 WSW LAMAR [37.45, -81.31]

| | | | | |
|--------------------|--|---|--|---------------------------|
| 02/11/18 00:18 EST | | 0 | | Flood (due to Heavy Rain) |
| 02/11/18 18:00 EST | | 0 | | Source: 911 Call Center |

Flooding was reported from several locations across Mercer County. Portions of Route 10 in near Lake Bottom in the town of Lashmeet were closed due to high water. In the town of Princeton Ingleside Road and Stafford Drive were reported closed due to high water. The Bluestone River flooded along much of its course through the county. The IFLAWS gauge on the Bluestone River at Spanishburg crested at 13.7 feet (Minor flood stage - 12 ft.) during the evening of February 11th. Portions of Route 19 were flooded by the river to a depth of several feet. This was the highest crest since March 2015 at the Spanishburg gauge. Further downstream on the Bluestone River at Pipestem (PIPW2) the the crest of 11.88 feet (Minor flood stage - 10 ft.) was also the highest since 2015.

Storm Data and Unusual Weather Phenomena - February 2018

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

A broad upper level trough with a slow-moving frontal boundary extending from Texas to upstate New York brought an extended period of mainly light to moderate rainfall that began on the afternoon of the 10th and persisted well into the evening of the 11th. Storm total rainfall amounts ranged from 1.5 to 3 inches across southeast West Virginia with the highest totals in western Mercer County. Egeria IFLOWS (EGRW2) had the highest 48-hour gauge total with 3.26 inches ending at 7 AM EST on the 12th of which 2.74 inches fell in the 24-hours ending at 7 AM on the 11th. The flooding that resulted was not really of the flash type but was more gradual.

WEST VIRGINIA, West

(WV-Z033) MCDOWELL, (WV-Z034) WYOMING, (WV-Z515) NORTHWEST RALEIGH, (WV-Z517) NORTHWEST FAYETTE, (WV-Z521) NORTHWEST WEBSTER, (WV-Z522) SOUTHEAST WEBSTER, (WV-Z523) NORTHWEST POCAHONTAS

| | | |
|--------------------|---|----------------|
| 02/01/18 20:00 EST | 0 | Winter Weather |
| 02/02/18 10:00 EST | 0 | |

(WV-Z515) NORTHWEST RALEIGH, (WV-Z518) SOUTHEAST FAYETTE, (WV-Z519) NORTHWEST NICHOLAS

| | | |
|--------------------|---|------------|
| 02/01/18 20:00 EST | 0 | Heavy Snow |
| 02/02/18 10:00 EST | 0 | |

A strong Arctic cold front moved across the region on the 1st. Temperatures were warm ahead of the front, and a lot of the precipitation fell as rain. However, cold air rushed in during the evening, changing the rain to snow. Moisture was already pulling out of the lowlands by this time, but enough remained across the southern and central mountainous counties to give a quick dose of accumulating snow. The highest amounts were measured in southeastern Raleigh and Fayette counties, where 5 to 7 inches of snow accumulated from the 1st into the morning of the 2nd. The snow observer near the Beckley Airport measured 6.8 inches, and the cooperative observer at the VA Hospital in Beckley got 5.5 inches. Around 5 inches was reported in the southeastern portions of Fayette and Nicholas Counties by broadcast media and CoCoRAHS observers. There very highest elevations of Pocahontas, Randolph and Webster got 4 to 6 inches.

Outside of these higher amounts, generally 1 to 3 inches of snow accumulated across the southern Coal Fields and mountainous counties.

(WV-Z523) NORTHWEST POCAHONTAS, (WV-Z526) SOUTHEAST RANDOLPH

| | | |
|--------------------|---|----------------|
| 02/04/18 04:00 EST | 0 | Winter Weather |
| 02/05/18 07:00 EST | 0 | |

A period of northwest flow following a cold front lead to up slope type snow showers on the 4th and into the 5th. Low level temperatures across lower elevations were generally above freezing, with little to no snow accumulation. However, much colder air was in place aloft, so elevations above 3000 feet received 5-8 inches of snow. The highest amount was reported by the cooperative observer at Snowshoe where 8 inches of snow accumulated. A nearby CoCoRaHS volunteer measured 6.3 inches, and the Department of Highways reported amounts varying from 3 to 8 inches along US-219 across the ridges of Pocahontas and Randolph Counties.

(WV-Z006) CABELL, (WV-Z008) JACKSON, (WV-Z013) LINCOLN, (WV-Z014) PUTNAM, (WV-Z015) KANAWHA, (WV-Z016) ROANE, (WV-Z018) CALHOUN, (WV-Z020) DODDRIDGE, (WV-Z029) GILMER, (WV-Z030) LEWIS, (WV-Z031) HARRISON, (WV-Z032) TAYLOR

| | | |
|--------------------|---|----------------|
| 02/06/18 06:00 EST | 0 | Winter Weather |
| 02/06/18 11:00 EST | 0 | |

A warm front lifted through the middle Ohio River Valley on the 6th. Surface temperatures across portions of West Virginia remained at or below freezing through mid morning while temperatures above the surface had already warmed above freezing. This resulted in a period of light freezing drizzle, with a light coating of ice across a narrow swath of central and western West Virginia.

MINGO COUNTY --- 1.7 WSW BAISDEN [37.57, -81.93], 1.3 W VERNER [37.67, -81.87], 2.8 ESE VERNER [37.65, -81.81], 1.7 ENE ERAW [37.54, -81.89]

| | | |
|--------------------|----|---------------------------|
| 02/10/18 17:55 EST | 2K | Flood (due to Heavy Rain) |
| 02/10/18 17:55 EST | 0 | Source: Emergency Manager |

Several creeks in the far eastern part of the county flooded, including Bum Fork and Elk Creek near Verner. Gilbert Creek and Ben Creek also came out of their banks.

WYOMING COUNTY --- 1.1 SSW HANOVER [37.56, -81.81], 1.0 WSW MICAJAH [37.46, -81.35], 1.3 SSW BASIN [37.51, -81.31], 2.2 WSW CLEAR FORK GAP [37.76, -81.49], 1.6 N CYCLONE [37.75, -81.68], 0.8 WSW LYNCO [37.70, -81.69]

| | | |
|--------------------|----|---------------------------|
| 02/10/18 18:00 EST | 5K | Flood (due to Heavy Rain) |
| 02/11/18 12:00 EST | 0 | Source: Emergency Manager |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------|
| <p>Multiple creeks across the county came out of their banks, causing some roads to be closed. For example, Indian Creek flooded near Fanny, closing a portion of Indian Creek Road. The Lower Muzzle came out of its banks near Ikes Fork, and Pad's Fork Creek flooded near Hanover, closing part of County Route 52. Brier Creek also flooded near Stoneville, closing County Route 14.</p> <p>The Guyandotte River at Baileysville briefly spilled from its banks, flooding some of the low areas along the river. The river rose above its bankfull level of 17 feet just before sunrise on the 11, crested at 17.3 feet around 8:30 AM, and returned to its banks just after 10 o'clock in the morning.</p> <p>Following the rain, the R.D. Baily Lake elevation went from its normal winter pool level of 1012 feet to 1073 feet, or a rise of about 61 feet in under 36 hours.</p> | | | | |
| <hr/> | | | | |
| MCDOWELL COUNTY --- 2.3 SSW MOHAWK [37.47, -81.95], 0.5 W BEECH FORK [37.22, -81.64], 1.1 WSW CHEROKEE [37.39, -81.35], 1.1 E LONGPOLE [37.50, -81.85] | 02/10/18 18:30 EST | | 10K | Flood (due to Heavy Rain) |
| | 02/11/18 14:00 EST | | 0 | Source: Department of Highways |
| <p>Many roads were flooded due to high water on creeks and streams. Some locations that experienced flooding include: Greenbrier Hollow due to flooding on Greenbrier Fork and Honneybee Hollow due to high water on Bradshaw Creek. Mile Branch came out of its banks, flooding portions of Mile Branch Road. Roads were closed in the Coalwood area due to flooding along Snakeroot Branch and Clear Fork. Garland Road near Raysal was closed as Betsy Branch overflowed.</p> <p>The Dry Branch of the Tug Fork near Bradshaw also flooded. The river came out of its banks during the evening of the 10th, crested about 2.3 feet above its bankfull level of 10 feet just before sunrise on the 11th, and returned to its bank just before 11 AM.</p> | | | | |
| <hr/> | | | | |
| RALEIGH COUNTY --- 1.0 SE PRICE HILL [37.86, -81.17], 1.4 SSE BRAGG [37.75, -80.97], 1.7 SE COOL RIDGE [37.63, -81.08], 2.0 SE GHENT [37.60, -81.09], 1.1 NE ODD [37.59, -81.18], 2.5 SE MADELINE [37.54, -81.27], 2.0 NNW HOTCHKISS [37.70, -81.38] | 02/10/18 19:00 EST | | 10K | Flood (due to Heavy Rain) |
| | 02/11/18 12:00 EST | | 0 | Source: Department of Highways |
| <p>Several roads were closed due to high water. This included Route 19 in both Cool Ridge and Shady Spring. Odd Road in Ghent was closed due to flooding along Laurel Creek. Coal City Road was also closed near Coal City. Beaver Creek flooded, closing C and O Dam Road near Daniels. Winding Gulf and Tommy Creeks both flooded near Amigo, and a rock slide closed Tams Highway near Helen. Stonecoal Creek and Riffe Branch also flooded near Eastgulf.</p> | | | | |
| <hr/> | | | | |
| WAYNE COUNTY --- 1.1 ENE DUNLOW [38.03, -82.41], 0.4 SE QUAKER [38.05, -82.42], 1.5 WSW QUAKER [38.04, -82.45], 0.7 SW DUNLOW [38.01, -82.44] | 02/11/18 06:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/11/18 12:00 EST | | 0 | Source: 911 Call Center |
| <p>Big Branch flooded, causing high water to close Route 152 near Dunlow.</p> | | | | |
| <hr/> | | | | |
| MINGO COUNTY --- 1.0 NE RAWL [37.66, -82.21], 1.3 E BORDERLAND [37.72, -82.30], 0.7 ESE BORDERLAND [37.72, -82.31], 0.3 ENE CHATTAROY [37.70, -82.30], 0.9 WNW WILLIAMSON [37.69, -82.29], 0.9 SW WILLIAMSON [37.67, -82.29], 0.3 SSW WILLIAMSON [37.68, -82.28], 0.7 SE EAST WILLIAMSON [37.66, -82.26] | 02/11/18 07:15 EST | | 10K | Flood (due to Heavy Rain) |
| | 02/12/18 06:00 EST | | 0 | Source: River/Stream Gage |
| <p>The Tug Fork at Williamson surged into moderate flood stage on the 11th. The river first rose above its flood stage of 27 feet just after 7 AM on the 11th. It surpassed moderate flood stage of 32 feet at 11:30 AM, and crested near 36 feet around 5:30 that evening. The river dropped back below flood stage at 6 AM on the 12th. The moderate flooding on the Tug closed multiple roads in and around Williamson. This included Route 612, and Harvey Street. The rail yard was also flooded by water from the Tug.</p> | | | | |
| <hr/> | | | | |
| LOGAN COUNTY --- 1.3 SSE WHIRLWIND [37.91, -82.12], 1.0 SE SARAH ANN [37.69, -81.97], 2.8 SE MINERAL CITY [37.71, -81.78], 2.2 E PHICO [37.95, -81.98] | 02/11/18 08:00 EST | | 3K | Flood (due to Heavy Rain) |
| | 02/11/18 14:00 EST | | 0 | Source: Department of Highways |
| <p>Several roads were closed due to flooding. For example, Mud Fork came out of its bank in places, closing Mud Fork Road. Browns Run also flooded, and washed out a section of Browns Run Road. The river gage on Island Creek near Omar showed that Island Creek rose to just over 12 feet, or about 2 feet over its bankfull level of 10 feet. This flooded the ball field and some storage buildings near the school, as well as the access road that runs behind the school.</p> | | | | |
| <hr/> | | | | |
| KANAWHA COUNTY --- 0.7 ENE BLUE CREEK [38.45, -81.44], 1.7 N CINCO [38.35, -81.45], 0.4 NNE KENDALIA [38.37, -81.28], 1.4 SE TURNER [38.47, -81.30] | 02/11/18 11:00 EST | | 2K | Flood (due to Heavy Rain) |
| | 02/11/18 13:00 EST | | 0 | Source: State Official |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|-----------|-------------------|---------------------|------------------------|
| A culvert was washed out at the intersection of Blue Creek Road and 3 Mile Road, where Upper Threemile Fork flows under the road. The adjacent hillside was also slipping. | | | | |

CLAY COUNTY --- 1.6 NNE ELKHURST [38.45, -81.14], 0.7 S ELKHURST [38.42, -81.15], 0.9 S BIRCH [38.42, -81.20], 1.0 NNE BOMONT [38.46, -81.22], 0.7 NNE MOLLIE [38.48, -81.18]

| | | |
|--------------------|----|--------------------------------|
| 02/11/18 12:00 EST | 1K | Flood (due to Heavy Rain) |
| 02/11/18 15:00 EST | 0 | Source: Department of Highways |

Elkhurst Road, between Elkhurst and Prociou, was closed due to flooding on some of the smaller tributaries of the Elk River, including Blue Knob Creek and Little Beechy Creek.

RANDOLPH COUNTY --- 3.3 SSW BLUE SPG [38.48, -80.14], 2.0 SSE BLUE SPG [38.50, -80.10], 2.4 WSW MINGO [38.49, -80.09], 3.7 S BLUE SPG [38.48, -80.13]

| | | |
|--------------------|----|--------------------------------|
| 02/11/18 12:00 EST | 1K | Flood (due to Heavy Rain) |
| 02/11/18 13:00 EST | 0 | Source: Department of Highways |

Dry Branch Road was closed due to flooding along Falling Spring Run.

RANDOLPH COUNTY --- 1.5 NE AGGREGATES [38.94, -79.90], 1.7 WNW WHYTE [38.99, -79.86], 1.3 ENE WHYTE [38.99, -79.81], 0.5 N HOMEWOOD [38.93, -79.87]

| | | |
|--------------------|-------|--------------------------------|
| 02/11/18 13:00 EST | 0.50K | Flood (due to Heavy Rain) |
| 02/11/18 15:00 EST | 0 | Source: Department of Highways |

Claylick Run came out of its banks, flooding portions of Laurel Mountain Road and Gum Road.

RANDOLPH COUNTY --- 0.1 N WHYTE [38.98, -79.83], 0.4 WSW HOMEWOOD [38.92, -79.88], 1.3 NNE AGGREGATES [38.95, -79.91], 2.4 NW WHYTE [39.00, -79.86]

| | | |
|--------------------|----|--------------------------------|
| 02/11/18 13:15 EST | 1K | Flood (due to Heavy Rain) |
| 02/11/18 16:00 EST | 0 | Source: Department of Highways |

Portions of Gum Road and Laurel Mountain Road were closed due to high water from Claylick Run.

MINGO COUNTY --- 146.5 SW MURPHY [37.81, -82.35], 146.3 SW MURPHY [37.85, -82.37], 147.4 SW MURPHY [37.84, -82.39], 147.8 SW MURPHY [37.85, -82.41], 148.0 SW MURPHY [37.84, -82.41], 148.1 SW MURPHY [37.83, -82.40], 148.1 SW MURPHY [37.82, -82.39]

| | | |
|--------------------|----|---------------------------|
| 02/11/18 20:00 EST | 2K | Flood (due to Heavy Rain) |
| 02/12/18 11:00 EST | 0 | Source: River/Stream Gage |

Flooding occurred along the Tug Fork near Kermit as the river rose just over 2 feet over flood stage of 38 feet. Flooding first started around 6 PM on the 11th, and the river crested at 40.2 feet just before 3 AM on the 12th. The flooding subsided around 11 AM that morning.

A frontal system was draped across the central Appalachians on the 10th and 11th. As waves moved along the front, periods of heavy rainfall moved across southern West Virginia. Rainfall started during the morning of the 10th, with the heaviest rain from late afternoon overnight into the 11th. The most rain fell across portions of Mingo, McDowell, Wyoming, Logan and Raleigh Counties, where 2-3 inches of rain fell with many roads closed due to flooding. The cooperative observer at Oceana in Wyoming County measured 2.56 inches of rain, and at R.D. Bailey Lake on the Wyoming/Mingo border, 2.37 inches was measured. The cooperative observer at Man in Logan County measured 2.2, while the VA Hospital in Beckley got 2.09 inches of rain. Farther north generally 1-2 inches of rain fell, which still caused some minor problems due to saturated ground.

As the water drained through the creeks and streams, several rivers also flooded.

HARRISON COUNTY --- 2.3 NNE MC ALPIN [39.38, -80.21], 0.8 SE ORAL LAKE [39.26, -80.21], 1.8 SSE REYNOLDSVILLE [39.25, -80.42], 0.5 SE WYATT [39.43, -80.34]

| | | |
|--------------------|----|--------------------------------|
| 02/16/18 01:40 EST | 2K | Flood (due to Heavy Rain) |
| 02/17/18 07:00 EST | 0 | Source: Department of Highways |

Several roads were closed across northwestern Harrison County due to flooding. This included Saint Francis Way near Maple Lake in Bridgeport and Bonasso Drive near the Harrison/Marion County line.

The West Fork River in Clarksburg also flooded, closing West Pike Street. The river gage at Clarksburg rose above flood stage on the evening of the 16th. It crested at 15 feet, or 1 foot above flood stage just after midnight on the 17th and returned to its banks later that morning.

The river gage at Enterprise on the West Fork also rose above its bank full level of 17 feet around noon on the 16th, crested at 20.5 feet just before midnight that night, and returned below bank full by noon on the 17th.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------|
| TAYLOR COUNTY --- 0.3 WSW FETTERMAN [39.35, -80.03], 0.6 WNW PARK VIEW [39.32, -80.04], 1.5 WSW LESMILINSTON [39.32, -80.00], 0.6 NE BLUEVILLE [39.36, -79.99] | | | | |
| | 02/16/18 02:15 EST | | 5K | Flood (due to Heavy Rain) |
| | 02/16/18 05:15 EST | | 0 | Source: Fire Department/Rescue |
| A building along Maple Avenue in Grafton was flooded due to flooding on Tygart Valley River. Also in Grafton, a portion of Barrett Street was closed due to flooding along Three Fork Creek. | | | | |
| DODDRIDGE COUNTY --- 0.9 WNW WEST UNION [39.30, -80.80], 2.2 WSW SMITHBURG [39.26, -80.77], 0.9 WNW SMITHBURG [39.28, -80.75], 0.9 NNE WEST UNION [39.31, -80.77] | | | | |
| | 02/16/18 08:00 EST | | 2K | Flood (due to Heavy Rain) |
| | 02/17/18 10:00 EST | | 0 | Source: Broadcast Media |
| Flooding along Middle Island Creek closed a section of Route 18 near the football field in West Union. | | | | |
| WOOD COUNTY --- 0.9 SE PARKERSBURG [39.26, -81.54], 1.8 ENE PARKERSBURG [39.28, -81.52], 0.3 ESE BOREMAN [39.28, -81.48], 1.7 N STEWART [39.25, -81.52] | | | | |
| | 02/16/18 08:30 EST | | 0.50K | Flood (due to Heavy Rain) |
| | 02/16/18 15:30 EST | | 0 | Source: Broadcast Media |
| Flooding along Worthington Creek closed the intersection of 36th Street and Cord Road. | | | | |
| UPSHUR COUNTY --- 1.3 ESE ROCKY FORD [38.94, -80.26], 0.8 NNE HAMPTON [38.94, -80.23], 1.3 SW POST MILL [39.01, -80.20], 1.1 WNW BUCKHANNON [39.01, -80.25] | | | | |
| | 02/16/18 08:45 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/17/18 09:50 EST | | 0 | Source: Broadcast Media |
| Flooding along Lick Run and Cutright Run closed a portion of Route 20. | | | | |
| The Buckhannon River at Buckhannon also flooded. According to the river gage, the river rose above its flood stage of 23 feet around midnight on the 17th, crested at about 23.8 feet at 3 AM, and then returned below flood stage by 10 AM. | | | | |
| RITCHIE COUNTY --- 1.5 SSW CAIRO [39.18, -81.18], 1.6 SSE CAIRO [39.18, -81.16], 1.3 ENE CAIRO [39.21, -81.15], 0.7 N CAIRO [39.21, -81.17] | | | | |
| | 02/16/18 10:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/16/18 15:00 EST | | 0 | Source: Department of Highways |
| Cisco Road was closed due to flooding along the North Fork of Hughes River. | | | | |
| TYLER COUNTY --- 1.4 NNW EVERETT [39.50, -81.04], 2.3 SSW PADEN CITY [39.57, -80.94], 1.1 N BRADEN [39.45, -80.75], 1.5 SW WILBUR [39.37, -80.84] | | | | |
| | 02/16/18 10:00 EST | | 2K | Flood (due to Heavy Rain) |
| | 02/16/18 21:00 EST | | 0 | Source: Department of Highways |
| Several roads were closed across the county due to flooding. This included County Route 32 along Left Buffalo Run, Elk Fork Road along Elk Fork and Muddy Creek Road along Muddy Creek. | | | | |
| RANDOLPH COUNTY --- 1.2 NE PARTING SPGS [38.63, -80.13], 1.7 E WEAVER [38.97, -79.89], 2.6 WNW KERENS [39.04, -79.86], 4.7 W KUNTZVILLE [38.97, -79.67], 1.4 WSW CHEAT BRIDGE [38.61, -79.89] | | | | |
| | 02/16/18 10:20 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/16/18 23:30 EST | | 0 | Source: Department of Highways |
| Several roads were closed due to high water. This included Files Creek Road along Files Creek, Laurel Mountain Road along Claylick Run, and Salt Lick Road along Salt Lick Run. | | | | |
| PLEASANTS COUNTY --- 0.7 NNE ST MARYS [39.39, -81.20], 1.9 W FEDERAL [39.38, -81.13], 1.2 E ARVILLA [39.43, -81.05], 0.6 ENE POINT LOOKOUT SCHOOL [39.45, -81.07] | | | | |
| | 02/16/18 10:45 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/17/18 17:00 EST | | 0 | Source: Department of Highways |
| County Route 3 was closed due to flooding along Middle Island Creek and its tributaries. | | | | |
| ROANE COUNTY --- 0.9 SSW ANTIOCH [38.77, -81.51], 2.0 WNW OTTO [38.76, -81.26], 0.7 SE GRACE [38.89, -81.34], 1.6 N DUKES [38.92, -81.45] | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 02/16/18 11:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/16/18 16:00 EST | | 0 | Source: Public |

The Middle Fork of Reedy Creek flooded, closing several roads and encroaching on a home in Reedy. Flooding near the confluence of Tanner Run and Spring Creek and closed a portion of Front Street in Spencer.

KANAWHA COUNTY --- 2.5 W SISSONVILLE [38.53, -81.68], 1.7 NNE TURNER [38.50, -81.31], 0.2 NNE GLENHUDDY [38.12, -81.38], 3.7 SW HERNSHAW [38.18, -81.64], 1.6 SSE RUTLEDGE [38.35, -81.54]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/16/18 12:00 EST | | 2K | Flood (due to Heavy Rain) |
| | 02/16/18 18:00 EST | | 0 | Source: Department of Highways |

Flooding along Pocatalico Creek and Pocatalico River closed sections of Sissonville Drive and Pocatalico River Road. Big Sandy Creek and Little Thorofare Run both came out of their banks north of Clendenin. Also, Slaughters Creek flooded, closing a section of Slaughters Creek Drive near Cabin Creek.

CABELL COUNTY --- 1.3 WSW DUDLEY GAP [38.49, -82.17], 1.7 N PRAIRIETOWN [38.37, -82.17], 2.2 SW CULLODEN [38.40, -82.07], 3.7 ESE DUDLEY GAP [38.48, -82.09]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/16/18 13:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/16/18 20:00 EST | | 0 | Source: Department of Highways |

West Mud River Road was closed due to flooding along Mud River and some of its tributaries south of Milton. Lower Creek also flooded north of Milton, closing portions of Lower Creek Road.

JACKSON COUNTY --- 2.5 NNE NEW ERA [38.93, -81.66], 1.8 NNW JONES CROSSING [38.92, -81.63], 1.0 SE NEW ERA [38.89, -81.66], 0.9 W CROW SUMMIT [38.90, -81.70]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/16/18 14:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/16/18 18:00 EST | | 0 | Source: Department of Highways |

The Right and Left Forks of Sandy Creek flooded, closing portions of CR 13/1 and Parkersburg Road.

LOGAN COUNTY --- 2.0 E CHAPMANVILLE [37.98, -81.98], 1.3 NE BANCO [38.01, -82.00], 3.7 NW WHIRLWIND [37.97, -82.17], 3.0 NNW ARGONNE [37.89, -82.11], 2.6 S HOLDEN [37.79, -82.07], 0.6 W SPRUCE VLY [37.88, -81.84]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/16/18 14:00 EST | | 2K | Flood (due to Heavy Rain) |
| | 02/16/18 18:00 EST | | 0 | Source: Department of Highways |

Several roads were closed due to flooding across northern Logan County. Crooked Creek came out of its banks, closing a portion of Crooked Creek Road. Garrett Fork Road was closed due to high water from Garrett Fork. Striker Fork Road was closed below Workman Fork due to flooding along Striker Fork. Also, flooding along Buck Fork and Trace Fork closed portions of Buck Fork Road and Trace Fork Road.

PUTNAM COUNTY --- 3.3 S HURRICANE [38.38, -82.04], 1.9 SW LANHAM [38.46, -81.75], 2.0 SW SIGMAN [38.56, -81.77], 4.1 NNW HURRICANE [38.49, -82.05]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/16/18 14:20 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/16/18 23:30 EST | | 0 | Source: Department of Highways |

Multiple roads were closed due to flooding of creeks and streams. This included Heizer Creek Road along Heizer Creek and Manilla Creek Road along Manilla Creek. Hurrican Creek also came out of its banks near the intersection of Route 34 and Route 60, flooding lowlands in the area.

GILMER COUNTY --- 3.1 S STUMPTOWN [38.81, -81.00], 1.4 NNW ROSEDALE [38.75, -80.96], 0.6 WSW BLACKBURN [38.92, -80.68], 1.8 NNW ALICE [39.02, -80.81]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/16/18 15:00 EST | | 2K | Flood (due to Heavy Rain) |
| | 02/17/18 06:00 EST | | 0 | Source: Department of Highways |

Rosedale Road was closed near Shock due to flooding along the Right Fork of Steer Creek. Also, County Route 1 and Alice Road were closed due to flooding along Flat Run and Leading Creek.

The Little Kanawha River at Glenville flooded as water drained through the system. The river gage showed the river rose above flood stage on the evening of the 16th. It crested at 24.5 feet, or 1.5 feet above flood stage right around midnight on the 17th, and dropped below flood stage just before sunrise that morning.

LEWIS COUNTY --- 0.2 NW WESTON BENNETT ARPT [39.08, -80.47], 1.0 S WESTON BENNETT ARPT [39.07, -80.47], 1.5 NE PRICETOWN [39.06, -80.50], 1.3 W WESTON BENNETT ARPT [39.08, -80.49]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 02/16/18 15:00 EST | | 1K | Flood (due to Heavy Rain) |
| | 02/16/18 20:00 EST | | 0 | Source: Department of Highways |

Geelick Run flooded, closing a portion of Dutch Hollow Road.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------|
| WAYNE COUNTY --- 3.3 ENE STONECOAL [37.90, -82.37], 2.9 E LAVALETTE [38.33, -82.40], 0.3 ENE BUFFALO CREEK [38.35, -82.52], 1.4 E WEBB [37.97, -82.45], 0.4 E BULL [37.92, -82.46] | | | | |
| | 02/16/18 15:00 EST | | 20K | Flood (due to Heavy Rain) |
| | 02/16/18 21:00 EST | | 0 | Source: Department of Highways |
| Jennies Creek flooded, washing out a section of the westbound lane of US Route 53. Twelvepole Creek also flooded, closing a portion of State Route 152 near mile marker 5. | | | | |
| LINCOLN COUNTY --- 0.8 NE GARRETTS BEND [38.31, -81.91], 2.2 NNW GRIFFITHSVILLE [38.26, -81.99], 3.8 SW BRANCLAND [38.18, -82.25], 0.4 NW FOURTEEN [38.07, -82.19], 1.6 NE SOD [38.24, -81.83] | | | | |
| | 02/16/18 16:30 EST | | 2K | Flood (due to Heavy Rain) |
| | 02/16/18 22:00 EST | | 0 | Source: Emergency Manager |
| Tenmile Creek Flooded, causing the closure of Tenmile Creek Road. Upper Mud River Road was closed by flooding along Big Laurel Creek. Flooding along Straight Fork and Valley Fork closed a section of Route 3 in Griffithsville. Also, Garretts Bend Road was closed near Elizabeth Church due to flooding along Trace Fork and Hayzlett Fork. | | | | |
| BARBOUR COUNTY --- 0.4 SE WEST JUNIOR [38.98, -79.94], 0.9 ENE BELINGTON [39.04, -79.92], 1.6 E ARDEN [39.20, -79.97], 1.6 NE HOPELAND [39.21, -80.03], 0.3 SSW TYGART JCT [39.10, -80.08] | | | | |
| | 02/16/18 22:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/17/18 07:25 EST | | 0 | Source: River/Stream Gage |
| The Tygart Valley River experienced very minor flooding, closing several roads along the river. | | | | |
| At Philippi, the river rose above its flood stage of 19 feet late on the 16th, crested around 19.3 feet just after midnight on the 17th, and returned to its banks just after 3 AM. | | | | |
| At Belington, the river rose above its flood stage of 14 feet at about 3 AM, crested a tenth of a foot above flood stage during the pre-dawn and then dropped back below flood stage just after sunrise. | | | | |
| WOOD COUNTY --- 1.1 N STEWART [39.25, -81.52], 0.6 ENE VIENNA [39.33, -81.52], 1.5 WNW VIENNA [39.33, -81.56], 1.0 WSW PARKERSBURG [39.27, -81.57], 0.5 NE WASHINGTON [39.27, -81.66], 1.1 NNE MELDAHLS [39.24, -81.66] | | | | |
| | 02/16/18 23:25 EST | | 0.10M | Flood (due to Heavy Rain) |
| | 02/19/18 13:36 EST | | 0 | Source: River/Stream Gage |
| The Ohio River near Parkersburg, rose above flood stage late on the 16th. Crest occurred mid morning on the 18th at 39.7 feet, almost 2 feet above moderate flood stage of 38 feet. The river fell back below flood stage just after noon on the 19th. | | | | |
| Several homes were flooded in the Happy Valley and Point Drive areas of Parkersburg, as well as along Annas Drive in Vienna. According to a caretaker at Blennerhassett Island Historical State Park, the gift shop and concession stand on the island both had several feet of water in them. | | | | |
| MASON COUNTY --- 1.0 SSE GLENWOOD [38.57, -82.17], 2.9 NNW FLATROCK [38.89, -82.03], 0.4 NNE LETART [38.89, -81.93], 1.5 ENE NEW HAVEN [38.99, -81.95], 0.4 E MASON [39.02, -82.02], 1.5 WSW POINT PLEASANT ARPT [38.91, -82.12], 0.9 WNW HENDERSON [38.84, -82.14], 0.7 WNW GALLIPOLIS [38.78, -82.21] | | | | |
| | 02/17/18 03:36 EST | | 20K | Flood (due to Heavy Rain) |
| | 02/21/18 09:45 EST | | 0 | Source: River/Stream Gage |
| The Ohio River gage at Racine Lock rose above its flood stage of 41 feet early on the 17th. The river surpassed moderate flooding, and almost reached its major flood stage of 48 feet, during its crest of 47.7 feet just after midnight on the 19th. The river dropped back below flood stage around noon on the 20th. This flooded a section of Route 62 near West Creek. | | | | |
| At the Pomeroy, Ohio staff gage, the Ohio River rose above its flood stage of 46 feet late around noon on the 17th. Major flooding occurred along this stretch of the river, where the staff gage read almost 50.5 feet during crest late on the 18th, topping major flood stage by half a foot. Water levels dropped back below flood stage around sunrise on the 20th. This caused flooding of some homes near the Pomeroy-Mason bridge. | | | | |
| Near Point Pleasant, the Ohio River almost reached major flooding, topping out at 47.5 feet just after midnight on the 19th. Major flood stage is 48 feet. Flooding began around 3 AM on the 17th, and the river dropped below flood stage mid morning on the 21st. Sections of many roads around Point Pleasant were flooding, including Routes 2, 17, 21, 33, and 35. | | | | |
| Near the Robert C. Byrd lock, the Ohio River rose above flood stage of 50 feet a couple hours before sunrise on the 18th. Crest occurred just above moderate flood stage of 52 feet during the pre-dawn hours of the 19th. The river dropped back below flood stage at about 6 o'clock that evening. This flooded a section of Route 2 near Apple Grove, and also several agricultural fields along the river. | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------|
| JACKSON COUNTY --- 1.3 ESE MT ALTO [38.86, -81.86], 0.9 NE MT ALTO [38.88, -81.87], 1.8 N MILLWOOD [38.91, -81.84], 2.8 NW PLEASANT [38.94, -81.82], 0.6 ESE PLEASANT [38.92, -81.77], 0.7 SSW RAVENSWOOD [38.94, -81.76], 0.8 SSW NORTH RAVENSWOOD [38.96, -81.77], 2.1 NNE SILVERTON [38.95, -81.71] | | | | |
| | 02/17/18 04:48 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/20/18 12:03 EST | | 0 | Source: River/Stream Gage |

The Ohio River gage at Racine Lock rose above its flood stage of 41 feet early on the 17th. The river surpassed moderate flooding, and almost reached its major flood stage of 48 feet, during its crest of 47.7 feet just after midnight on the 19th. The river dropped back below flood stage around noon on the 20th. This caused flooding of low lying areas around Ravenswood.

| | | | | |
|--|--------------------|--|---|---------------------------|
| CABELL COUNTY --- 1.6 S WEST HUNTINGTON [38.40, -82.47], 1.5 NNE GUYAN ESTATES [38.44, -82.29], 0.9 NE GWINN [38.58, -82.21], 0.5 ENE CROWN CITY [38.58, -82.27], 0.2 S HUNTINGTON NEWLON AR [38.45, -82.32], 0.2 SSW WEST HUNTINGTON [38.42, -82.47] | | | | |
| | 02/18/18 03:11 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/20/18 18:33 EST | | 0 | Source: River/Stream Gage |

The Ohio River around Huntington rose above its flood stage of 50 feet just after midnight on the 18th, cresting just over 53 feet late morning on the 19th. The river dropped back below flood stage during the evening of the 20th. This caused flooding of Route 60 in several spots and of Route 2 between Lesage and Glenwood.

A wave of low pressure and surface front crossed West Virginia, producing heavy rainfall on the 16th. Generally 1 to 2 inches of rain fell on already saturated soil. This resulted in creek and stream flooding on the 16th and into the 17th. As the rain drained through the river system, smaller main stem rivers flooded. This eventually led to flooding along the the Ohio River.

| | | | | |
|--|--------------------|--|---|----------------|
| (WV-Z009) WOOD, (WV-Z010) PLEASANTS, (WV-Z011) TYLER, (WV-Z019) RITCHIE, (WV-Z523) NORTHWEST POCAHONTAS | | | | |
| | 02/17/18 12:00 EST | | 0 | Winter Weather |
| | 02/18/18 03:30 EST | | 0 | |

A low pressure system moved through the central Appalachians on the 17th, driving a lot of low level moisture into West Virginia. While this system also pulled warmer air northward resulting in heavy rain across the southern part of the state, it remained cold enough across northern West Virginia for a period of snow before transitioning to brief sleet or freezing rain, and then all rain. There was a narrow band that experienced a brief period of very heavy snow, with reports of 1 to 2 inches accumulating in an hour. This band was across portions of Wood, Pleasants, Ritchie and Tyler Counties. Even across individual counties, snowfall accumulations varied drastically based on the location of the heaviest band. For example, in Wood County, a member social media postings indicated 3 to 4 inches of snow across the southern part of the county, while near Parkersburg the US Army Corps of Engineers measured 1.5 inches. In Ritchie County, the emergency manager measured 3 inches before the snow changed to rain. Pleasants and Tyler Counties saw 2 to 3 inches of snow measured by CoCoRaHS volunteers and social media users.

Colder air lingered a bit longer across the higher mountains, namely in Pocahontas County where 3 to 6 inches of snow fell. For example, the cooperative observer at Snowshoe measured 6 inches, 5 inches of snow fell in near Bartow, and the observer in Frost received 4 inches.

| | | | | |
|---|--------------------|--|---|---------------------------|
| CABELL COUNTY --- 1.1 ENE HUNTINGTON [38.43, -82.43], 0.2 WNW HUNTINGTON [38.42, -82.45], 0.9 S HUNTINGTON [38.41, -82.45], 1.7 ESE HUNTINGTON [38.41, -82.42] | | | | |
| | 02/24/18 13:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/24/18 16:00 EST | | 0 | Source: Social Media |

Minor street flooding occurred on several roads in Huntington.

| | | | | |
|---|--------------------|--|---|---------------------------|
| MASON COUNTY --- 2.6 NNW POINT PLEASANT [38.88, -82.14], 1.5 NNW POINT PLEASANT [38.87, -82.14], 1.0 W HENDERSON [38.83, -82.15], 0.4 SSE HENDERSON [38.83, -82.13], 0.7 ENE POINT PLEASANT [38.85, -82.11], 2.1 SSW POINT PLEASANT ARPT [38.89, -82.11] | | | | |
| | 02/25/18 10:05 EST | | 0 | Flood (due to Heavy Rain) |
| | 02/27/18 13:42 EST | | 0 | Source: River/Stream Gage |

Minor flooding occurred in low lying areas around Point Pleasant, and amphitheater at the lower pier had water halfway up its steps due to flooding along the Ohio River.

The river gage at Point Pleasant rose above its 40 foot flood stage around 10 AM on the 25th. The river crested at 40.3 feet around 3 PM on the 26th, and fell below flood stage early afternoon on the 27th.

An oscillating surface boundary with multiple waves of low pressure brought periods of moderate to heavy rainfall from the 22nd into the 25th. This caused another round of flooding on small creeks and streams across the middle Ohio River Valley, and eventually lead to minor flooding on the Ohio River.

Storm Data and Unusual Weather Phenomena - February 2018

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

WISCONSIN, Northeast

(WI-Z005) VILAS

| | | | | |
|--|--------------------|---|--|------------|
| | 02/24/18 19:30 CST | 0 | | Heavy Snow |
| | 02/25/18 03:00 CST | 0 | | |

A low pressure system that intensified over the southern Plains and tracked through Wisconsin, combined with a potent, quick-moving upper level disturbance to produce a swath of snow and some minor sleet and freezing rain over much of central, north central and northeast Wisconsin. The heaviest snow occurred over far north central Wisconsin, where up to 6 inches was reported.

WISCONSIN, Northwest

(WI-Z001) DOUGLAS, (WI-Z002) BAYFIELD, (WI-Z003) ASHLAND

| | | | | |
|--|--------------------|---|--|------------|
| | 02/19/18 08:00 CST | 0 | | Heavy Snow |
| | 02/20/18 09:00 CST | 0 | | |

A narrow area of heavy snow occurred across portions of northwest Wisconsin with snowfall rates of one inch an hour at times. The heavy area was across northern Douglas County, northern Bayfield County and far northern Ashland County. Snowfall rates of an inch an hour occurred. Snowfall in these areas ranged from 8 to 12 inches.

(WI-Z001) DOUGLAS, (WI-Z002) BAYFIELD, (WI-Z003) ASHLAND

| | | | | |
|--|--------------------|---|--|------------|
| | 02/19/18 08:00 CST | 0 | | Heavy Snow |
| | 02/20/18 09:00 CST | 0 | | |

Heavy snow extended east across northern Douglas, Bayfield, and Ashland Counties. There were periods of freezing rain at times. Snowfall ranged from 8 to 11 inches.

(WI-Z001) DOUGLAS, (WI-Z002) BAYFIELD, (WI-Z003) ASHLAND, (WI-Z004) IRON, (WI-Z006) BURNETT, (WI-Z007) WASHBURN, (WI-Z008) SAWYER, (WI-Z009) PRICE

| | | | | |
|--|--------------------|---|--|------------|
| | 02/22/18 20:00 CST | 0 | | Heavy Snow |
| | 02/23/18 07:30 CST | 0 | | |

Six to 8.5 inches of snow fell from late afternoon to sunrise.

(WI-Z001) DOUGLAS, (WI-Z002) BAYFIELD, (WI-Z003) ASHLAND, (WI-Z004) IRON, (WI-Z006) BURNETT, (WI-Z007) WASHBURN, (WI-Z008) SAWYER, (WI-Z009) PRICE

| | | | | |
|--|--------------------|---|--|------------|
| | 02/24/18 18:00 CST | 0 | | Heavy Snow |
| | 02/25/18 09:00 CST | 0 | | |

Heavy snow began across the northwest during the late afternoon and early evening. By midnight some areas had already received close to 6 inches of snow, and more fell overnight. Snowfall amounts were in the 4 to 8 inch range. Some areas received less than 6 inches of snow but the snowfall intensity and strong winds made travel conditions difficult.

WISCONSIN, Southeast

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

| | | | | |
|--|--------------------|---|--|----------------|
| | 02/03/18 08:00 CST | 0 | | Winter Weather |
| | 02/04/18 21:00 CST | 0 | | |

A long duration period of relatively mild and moist air moving into the region, followed by a low pressure area and cold front resulted in several inches of snow accumulation.

The long duration snow resulted in 4 to 8 inches of accumulation over much of southern WI. Numerous vehicle slide-offs and accidents occurred with five deaths reported.

(WI-Z071) RACINE

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/05/18 00:00 CST | 1 | 0 | Cold/Wind Chill |
| | 02/05/18 10:00 CST | | 0 | |

Direct Fatalities: M59IW

A man died from hypothermia after falling from a bluff into Lake Michigan.

(WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

| | | |
|--------------------|---|----------------|
| 02/05/18 11:30 CST | 0 | Winter Weather |
| 02/05/18 21:00 CST | 0 | |

A low pressure area passing east across Iowa and IL spread snow across southern WI during the afternoon and evening. 1 to 4 inches of powdery snow accumulation occurred with the highest amounts near the IL border. Some schools closed early west and south of Madison. Some vehicle slide-offs and accidents occurred.

(WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z065) WAUKESHA, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK

| | | |
|--------------------|---|----------------|
| 02/08/18 18:00 CST | 0 | Winter Weather |
| 02/09/18 13:00 CST | 0 | |

(WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z066) MILWAUKEE, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

| | | |
|--------------------|---|--------------|
| 02/08/18 19:30 CST | 0 | Winter Storm |
| 02/09/18 14:00 CST | 0 | |

A wave of low pressure moving across northern IL spread multiple bands of moderate to heavy snow across southern WI from the evening into the morning hours. Three to eight inches of snow fell with many schools closed from Madison to Milwaukee and south to the IL border. Some vehicle slide-offs and accidents occurred.

(WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

| | | |
|--------------------|---|----------------|
| 02/11/18 00:15 CST | 0 | Winter Weather |
| 02/11/18 12:00 CST | 0 | |

Several inches of powdery snow fell over southeast Wisconsin during the morning hours. Snow covered roads caused some vehicle slide-offs and accidents. An upper trough and mid level front brought the snow to the region.

(WI-Z063) DANE

| | | |
|--------------------|---|-----------|
| 02/12/18 07:45 CST | 0 | Dense Fog |
| 02/12/18 08:15 CST | 0 | |

A crash involving 29 vehicles occurred in and near a patch of dense fog in the northbound lane of Highway 18/151 just south of Verona, WI. One death occurred.

MILWAUKEE COUNTY --- 1.1 NW GRANVILLE [43.19, -88.06], 1.6 NNW FOX PT [43.19, -87.89], 0.1 N MILWAUKEE BRADFORD BEACH [43.06, -87.87], 0.8 S MILWAUKEE HOAN BRIDGE [43.02, -87.90], 0.6 NW CUDAHY [42.96, -87.86], 2.7 E RAWSON [42.84, -87.83], 1.9 SSE FRANKLIN [42.84, -88.07]

| | | |
|--------------------|----|---------------------------------------|
| 02/19/18 20:00 CST | 1K | Flood (due to Heavy Rain / Snow Melt) |
| 02/21/18 06:45 CST | 0 | Source: Emergency Manager |

Flooding of lowland and some highways and roads. Some travel lanes closed on I-894/41 near Cleveland Ave. due to standing water.

GREEN COUNTY --- 5.8 NW POSTVILLE [42.86, -89.83], 4.3 NW UNION [42.86, -89.37], 3.9 SSW AVON [42.50, -89.37], 1.9 WNW MARTINTOWN [42.51, -89.84]

| | | |
|--------------------|-----|---------------------------------------|
| 02/19/18 22:00 CST | 50K | Flood (due to Heavy Rain / Snow Melt) |
| 02/21/18 06:45 CST | 0 | Source: Emergency Manager |

Widespread flooding of lowland and agricultural land countywide, including numerous road closures. Some damage to roads with repairs necessary. Some basement flooding. Water several inches deep in portions of Monticello. The entire Sugar River State bike trail was closed due to flooding and erosion. The greatest flooding in the county was near the Sugar and Pecatonica Rivers. A State of Emergency was declared for the county.

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------------|
| ROCK COUNTY --- 3.9 SSW AVON [42.50, -89.37], 3.9 WNW UNION [42.84, -89.37], 2.9 ENE LIMA CENTER [42.84, -88.78], 7.0 SE CLINTON [42.49, -88.78] | | | | |
| | 02/19/18 22:00 CST | | 20K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/21/18 06:45 CST | | 0 | Source: Emergency Manager |
| Widespread flooding of lowland and agricultural land countywide, including numerous road closures. Street flooding in Janesville and Beloit. Multiple vehicles stranded in high water. A gas station in Beloit was closed due to high water. | | | | |
| DANE COUNTY --- 3.5 NW MAZOMANIE [43.20, -89.83], 3.2 W ROXBURY [43.25, -89.73], 3.0 NNW ROXBURY [43.29, -89.70], 4.7 NE YORK CENTER [43.28, -89.01], 3.7 SE ALBION [42.85, -89.01], 4.1 SSW DALEYVILLE [42.86, -89.84] | | | | |
| | 02/19/18 23:00 CST | | 10K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/21/18 06:45 CST | | 0 | Source: Emergency Manager |
| Widespread flooding of lowland and agricultural land including some roads. The flooding was most concentrated over the southern portion of the county. | | | | |
| JEFFERSON COUNTY --- 1.5 NW WATERLOO [43.20, -89.00], 3.1 N IXONIA ARPT [43.20, -88.54], 3.9 SE PALMYRA [42.84, -88.54], 4.0 SSW BUSSEYVILLE [42.85, -89.01] | | | | |
| | 02/19/18 23:00 CST | | 5K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/21/18 06:45 CST | | 0 | Source: Emergency Manager |
| Widespread flooding of lowland and agricultural land including some roads. | | | | |
| WAUKESHA COUNTY --- 1.5 WNW MONTEREY [43.18, -88.53], 0.8 NNW MENOMONEE FALLS [43.19, -88.11], 1.7 S DURHAM [42.85, -88.07], 4.3 SW EAGLE [42.84, -88.54] | | | | |
| | 02/19/18 23:00 CST | | 10K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/21/18 06:45 CST | | 0 | Source: Emergency Manager |
| Widespread flooding of lowland and agricultural land including some roads. Highway 83 was closed for a time between County Highway CW and the Waukesha and Washington County border. Two homes were threatened by high waters within the Wambold Channel in the Town of Eagle. One home sustained minor flood damage. The high water within the channel was due to high water downstream in Jericho Creek backing up into the channel. A couple roads near Jericho Creek and the Mukwonago River were closed due to flooding. | | | | |
| GREEN COUNTY --- 3.1 SW BRODHEAD [42.58, -89.41], 2.8 SW BRODHEAD [42.60, -89.41], 1.8 NW BRODHEAD [42.64, -89.40], 1.7 NNW BRODHEAD [42.64, -89.39], 4.6 S BRODHEAD [42.55, -89.37], 5.0 S BRODHEAD [42.55, -89.37] | | | | |
| | 02/20/18 02:20 CST | | 5K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/28/18 17:00 CST | | 0 | Source: Emergency Manager |
| The Sugar River reached moderate flood stage, cresting at 9.59 feet in Brodhead. There is widespread flooding of lowland and agricultural land in the Brodhead area. Floodwaters cover roads about 6 miles downstream into the Avon Township of Rock County. Floodwaters are over Highway T which is on the border of Green and Rock Counties. | | | | |
| ROCK COUNTY --- 1.8 W AVON [42.55, -89.37], 1.8 W AVON [42.55, -89.37], 2.5 SSE AVON [42.52, -89.31], 4.0 SW NEWARK [42.51, -89.28], 3.5 SW NEWARK [42.51, -89.28] | | | | |
| | 02/20/18 02:20 CST | | 1K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/28/18 17:00 CST | | 0 | Source: Emergency Manager |
| The Sugar River flooded from Green County into Rock County. The Avon Bottoms State Natural Area and Sugar River Park is flooded, including County Road T, which is the border of Green and Rock County. | | | | |
| GREEN COUNTY --- 0.8 ENE BROWNTOWN [42.58, -89.81], 0.3 NNE BROWNTOWN [42.58, -89.82], 2.0 SSW BROWNTOWN [42.55, -89.84], 0.8 WNW MARTINTOWN [42.51, -89.81], 0.5 NE MARTINTOWN [42.51, -89.79] | | | | |
| | 02/20/18 02:45 CST | | 0.12M | Flood (due to Heavy Rain / Snow Melt) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |
| The Pecatonica River in Martintown crested at 20.07 ft., which is moderate flood stage. Some homes in the Martintown area have floodwaters in their basements and first floors; Martintown Road and West River Road in Martintown are flooded as is Highway 73 about 1 mile downstream in Winslow, Illinois. Highways MM and West Indies Road upstream in the Browntown area are flooded. Road damage did occur to some of the flooded roads and will require repair. | | | | |
| LAFAYETTE COUNTY --- 6.3 ENE YELLOWSTONE LAKE STATE PARK [42.81, -89.86], 6.2 ENE YELLOWSTONE LAKE STATE PARK [42.81, -89.86], 6.2 ENE YELLOWSTONE LAKE STATE PARK [42.81, -89.86], 6.2 ENE YELLOWSTONE LAKE STATE PARK [42.81, -89.86], 6.4 ENE YELLOWSTONE LAKE STATE PARK [42.81, -89.85], 6.5 ENE YELLOWSTONE LAKE STATE PARK [42.81, -89.85] | | | | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------------------|
| | 02/20/18 03:31 CST | | 0 | Flood (due to Heavy Rain / Snow Melt) |
| | 02/22/18 12:58 CST | | 0 | Source: Emergency Manager |

The east branch of the Pecatonica River in Blanchardville reached major flood stage, cresting at 16.02 feet. McKellar Park was completely flooded including the swimming pool, tennis courts, and football field. Highway H in Blanchardville was flooded and closed.

ROCK COUNTY --- 0.1 WSW BELOIT JCT [42.50, -89.02], 0.3 SSW BELOIT JCT [42.50, -89.02], 0.8 E BELOIT JCT [42.50, -89.01], 0.5 SE TIFFANY [42.58, -88.92], 0.5 NW TIFFANY [42.59, -88.94], 1.7 NE PRAIRIE AIRPORT [42.57, -88.99]

| | | | | |
|--|--------------------|--|-----|---------------------------------------|
| | 02/20/18 09:02 CST | | 10K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/21/18 23:24 CST | | 0 | Source: Emergency Manager |

The Turtle Creek at Beloit reached moderate flood stage and crested at 11.70 feet. Floodwaters are in the back yards of some homes on Shopiere Road about 3 miles northeast of downtown Beloit, and on Arrowhead Drive and Luety Parkway. Colley Road is closed between Sager Lane and Sherwood Drive. Floodwaters surround a power substation on Colley Road in Beloit. Floodwaters are in the backyards of some homes on East Ridge Road, Moccasin Trail, and in the Turtle Creek subdivision. Parts of Bootmaker Drive and Moccasin Trail are flooded and closed. Parts of Athletic Avenue and Hancock Streets are closed. About 7 miles northeast of Beloit in the Town of Turtle, Sweet-Allyn Park on Highway J is flooded and closed. In the Town of Tiffany about 8 miles northeast of Beloit, floodwaters are in the back yards of some homes on East Creek Road.

COLUMBIA COUNTY --- 0.5 W LODI [43.32, -89.53], 0.4 SW LODI [43.32, -89.53], 0.5 SW LODI [43.32, -89.53], 0.6 W LODI [43.32, -89.53]

| | | | | |
|--|--------------------|--|----|---------------------------------------|
| | 02/20/18 09:09 CST | | 1K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/21/18 06:47 CST | | 0 | Source: Trained Spotter |

Spring Creek in Lodi reached major flood stage, cresting at 7.90 ft. There was widespread flooding in Goeres Park and Habermann Park, including the baseball diamond.

IOWA COUNTY --- 2.9 SSW REWEY [42.81, -90.43], 5.0 ENE AVOCA [43.20, -90.43], 6.2 NNW CLYDE [43.20, -90.28], 4.7 NE CLYDE [43.16, -90.15], 2.7 SW HELENA [43.14, -90.06], 4.4 ENE ARENA [43.19, -89.84], 1.5 ESE BLANCHARDVILLE [42.82, -89.84]

| | | | | |
|--|--------------------|--|---|---------------------------------------|
| | 02/20/18 10:15 CST | | 0 | Flood (due to Heavy Rain / Snow Melt) |
| | 02/21/18 06:45 CST | | 0 | Source: Emergency Manager |

Widespread flooding of lowland and agricultural land including some roads. County officials sandbagged and pumped water out of areas in the Village of Arena, which saved 14 homes from flooding.

LAFAYETTE COUNTY --- 4.9 SSW BENTON [42.51, -90.43], 3.1 NNW PLATTE MOUNDS [42.81, -90.43], 7.2 ENE YELLOWSTONE LAKE STATE PARK [42.81, -89.84], 5.0 SSE SOUTH WAYNE [42.51, -89.83]

| | | | | |
|--|--------------------|--|----|---------------------------------------|
| | 02/20/18 10:15 CST | | 5K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/21/18 06:45 CST | | 0 | Source: Emergency Manager |

Widespread flooding of lowland and agricultural land including some roads.

ROCK COUNTY --- 2.0 S (JVL)ROCK CO ARPT JA [42.59, -89.02], 1.9 ESE AFTON [42.59, -89.04], 1.3 NNW AFTON [42.62, -89.08], 3.2 NNW DOWNTOWN JANESVILLE [42.72, -89.05], 2.9 NNW DOWNTOWN JANESVILLE [42.72, -89.04], 0.7 ENE DOWNTOWN JANESVILLE [42.68, -89.01]

| | | | | |
|--|--------------------|--|----|---------------------------------------|
| | 02/20/18 10:25 CST | | 5K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/21/18 15:50 CST | | 0 | Source: Emergency Manager |

The Rock River near Afton rose from 4 ft. to moderate flood stage at 11.12 ft. in a 24 hour period. The sudden surge in the river level was due to abundant runoff from heavy rain falling on a frozen ground. There may have been an ice jam that formed upstream and then released.

Floodwaters affected Riverside Park and South River Road in Janesville, in addition to widespread lowland and agricultural flooding in the Afton and Janesville areas. Floodwaters affected a home on South Christian Road on the east side of the river in the Afton area.

WALWORTH COUNTY --- 2.4 WNW WHITEWATER [42.84, -88.77], 1.6 NNE LAKE BEULAH [42.84, -88.31], 1.3 ESE GENOA CITY [42.49, -88.31], 3.3 W SHARON [42.49, -88.79]

| | | | | |
|--|--------------------|--|----|---------------------------------------|
| | 02/20/18 13:00 CST | | 5K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/21/18 06:45 CST | | 0 | Source: Emergency Manager |

Widespread flooding of lowland and agricultural land including some roads.

WASHINGTON COUNTY --- 1.6 WSW ST KILIAN [43.54, -88.40], 5.1 SW HOLY HILL [43.20, -88.41], 3.2 SE GERMANTOWN [43.19, -88.06], 4.2 S NEWBURG [43.37, -88.06], 0.4 ESE NEWBURG [43.43, -88.04], 2.1 ENE BOLTONVILLE [43.54, -88.06]

| | | | | |
|--|--------------------|--|---|---------------------------------------|
| | 02/20/18 13:30 CST | | 0 | Flood (due to Heavy Rain / Snow Melt) |
| | 02/21/18 06:15 CST | | 0 | Source: Emergency Manager |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|-----------|-------------------|---------------------|------------------------|
| Widespread flooding of lowland and agricultural land including some roads. Portions of highways 144, 175, and 167 near Friess Lake Dr. were closed due to high water. The southbound off ramp from I-41 to highway 60 was closed for a time. | | | | |

KENOSHA COUNTY --- 0.3 NW CAMP LAKE ARPT [42.53, -88.17], 0.2 NNE CAMP LAKE ARPT [42.53, -88.17], 0.5 NNW SILVER LAKE [42.56, -88.17], 0.4 W WHEATLAND [42.60, -88.21], 1.1 W WHEATLAND [42.60, -88.22], 0.7 WSW FOX RIVER [42.58, -88.21]

| | | | | |
|--|--------------------|--|-----|---------------------------------------|
| | 02/20/18 13:55 CST | | 10K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/28/18 23:59 CST | | 0 | Source: Emergency Manager |

The Fox River near New Munster reached moderate flood stage, cresting at 13.37 feet. Floodwaters are into the lower levels of some homes along Riverside Dr. and Shorewood Dr. in the Village of Salem Lakes. A portion of 77th St. in the Town of Wheatland in flooded.

LAFAYETTE COUNTY --- 1.5 E DARLINGTON [42.68, -90.09], 0.3 SSE DARLINGTON [42.68, -90.12], 0.2 WNW DARLINGTON [42.68, -90.12], 1.1 ENE DARLINGTON [42.69, -90.10]

| | | | | |
|--|--------------------|--|-----|---------------------------------------|
| | 02/20/18 14:05 CST | | 10K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/21/18 23:40 CST | | 0 | Source: Emergency Manager |

The Pecatonica River near Darlington crested at 15.30 ft., which is moderate flood stage. Highways 23 and 81 are flooded and closed in Darlington, as is a good part of Main Street. This includes the highway 23 bridge. The Lafayette County Fairgrounds are flooded. In addition, there is flooding in Calamine, Wisconsin, about 5 miles upstream of Darlington. Also, northwest of South Wayne, portions of Sargent Rd. and Larson Rd. are closed due to high water.

KENOSHA COUNTY --- 3.5 SW TWIN LAKES [42.49, -88.30], 2.4 NNW SLADES CORNERS [42.61, -88.30], 0.9 NE WHEATLAND [42.61, -88.19], 4.8 N WHEATLAND [42.67, -88.19], 4.9 ENE SOMERS [42.67, -87.81], 2.0 SSE CAROL BEACH [42.49, -87.81]

| | | | | |
|--|--------------------|--|----|---------------------------------------|
| | 02/20/18 14:30 CST | | 5K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/21/18 06:45 CST | | 0 | Source: Emergency Manager |

Widespread flooding of lowland and agricultural land including some roads.

RACINE COUNTY --- 2.0 WNW CALDWELL [42.84, -88.31], 2.2 SW BOHNERS LAKE [42.61, -88.30], 4.3 ESE BOHNERS LAKE [42.61, -88.19], 2.1 E BROWNS LAKE [42.67, -88.19], 2.5 SSE ELMWOOD PARK [42.67, -87.81], 0.4 N WIND PT [42.79, -87.77], 1.5 N MIDWAY PARK [42.84, -87.83]

| | | | | |
|--|--------------------|--|----|---------------------------------------|
| | 02/20/18 14:30 CST | | 5K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/21/18 06:45 CST | | 0 | Source: Emergency Manager |

Widespread flooding of lowland and agricultural land including some roads.

GREEN COUNTY --- 2.3 S ATTICA [42.74, -89.49], 2.9 S ATTICA [42.73, -89.49], 0.8 NW ALBANY [42.71, -89.44], 0.6 NW ALBANY [42.70, -89.44], 0.6 NW ALBANY [42.71, -89.44], 2.4 N ALBANY [42.73, -89.44]

| | | | | |
|--|--------------------|--|-----|---------------------------------------|
| | 02/21/18 01:34 CST | | 10K | Flood (due to Heavy Rain / Snow Melt) |
| | 02/22/18 10:39 CST | | 0 | Source: Emergency Manager |

The Sugar River reached moderate flood stage, cresting at 13.88 feet in Albany. Floodwaters cover a low spot on Highway EE near Albany Wildlife Area about 2 miles north of Albany. Floodwaters get into the basements of some homes along South Water Street and in the basements of a few businesses on North Water Street in downtown Albany. Floodwaters affect the back yards of a few homes along South Mill Street. Floodwaters are into Village Park.

Periods of moderate rainfall on February 19-20th resulted in 1.25-2.50 inches of rain. The rain fell on top of a snow cover of 0 to 3 inches and a frozen ground. Significant runoff resulted in widespread areal flooding and river flooding over southeast WI and portions of south central WI. Several rivers reached moderate and major flood stage.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z056) SAUK, (WI-Z057) COLUMBIA

| | | | | |
|--|--------------------|--|---|----------------|
| | 02/22/18 20:00 CST | | 0 | Winter Weather |
| | 02/23/18 08:00 CST | | 0 | |

A broad area of low pressure moved northeast across WI. A surge of relatively mild and moist air aloft moved over cold air temperatures at the ground causing light freezing rain. Widespread icing resulted mainly north of Madison. Vehicle slide-offs and accidents occurred.

WISCONSIN, Southwest

(WI-Z053) VERNON

| | | | | |
|--|--------------------|--|-----|----------------|
| | 02/03/18 14:00 CST | | 20K | Winter Weather |
| | 02/03/18 22:20 CST | | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

One person was killed in a two vehicle accident near Westby (Vernon County) on February 3rd. Roads at the time were snow covered from light snow that had been falling for most of the afternoon. The driver of one of the vehicles lost control in the slippery conditions, crossed the center line and collided head on with the second vehicle.

(WI-Z054) CRAWFORD, (WI-Z061) GRANT

| | | |
|--------------------|---|--------------|
| 02/08/18 15:10 CST | 0 | Winter Storm |
| 02/09/18 08:30 CST | 0 | |

Heavy snow fell on parts of southwest Wisconsin from February 8th into the 9th as a storm system moved across the Midwest. The snow created hazardous driving conditions that prompted several schools to either close or have late starts on the 9th. Snowfall totals were generally in the 4 to 6 inch range with the highest reported total being 6 inches at several locations in both Crawford and Grant Counties.

(WI-Z017) TAYLOR, (WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPPEALEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT

| | | |
|--------------------|---|----------------|
| 02/19/18 08:00 CST | 0 | Winter Weather |
| 02/20/18 13:10 CST | 0 | |

GRANT COUNTY --- 0.4 ENE BURTON [42.72, -90.81], 0.2 NE BURTON [42.72, -90.82], 0.1 NNE BURTON [42.72, -90.82], 0.1 ENE BURTON [42.72, -90.82], 0.3 ENE BURTON [42.72, -90.81], 0.3 ESE BURTON [42.72, -90.81], 0.4 E BURTON [42.72, -90.81], 0.3 ENE BURTON [42.72, -90.81]

| | | |
|--------------------|---|---------------------------|
| 02/20/18 06:50 CST | 0 | Flood (due to Heavy Rain) |
| 02/21/18 00:40 CST | 0 | Source: River/Stream Gage |

Runoff from heavy rains pushed the Grant River out of its banks near Burton. The river crested over two and a half feet above the flood stage at 20.65 feet.

GRANT COUNTY --- 2.2 NE ROCKVILLE [42.74, -90.64], 2.5 E ROCKVILLE [42.73, -90.63], 2.5 E ROCKVILLE [42.71, -90.63], 2.4 E ROCKVILLE [42.71, -90.63], 2.3 E ROCKVILLE [42.72, -90.63], 2.1 NE ROCKVILLE [42.74, -90.65]

| | | |
|--------------------|---|---------------------------|
| 02/20/18 08:10 CST | 0 | Flood (due to Heavy Rain) |
| 02/20/18 20:40 CST | 0 | Source: River/Stream Gage |

Runoff from heavy rains pushed the Platte River out of its banks near Rockville. The river crested almost two feet above the flood stage at 10.79 feet.

A prolonged period of freezing drizzle and freezing rain on February 19th and 20th produced a coating of ice on untreated surfaces across western Wisconsin. The precipitation fell with temperatures below freezing as a slow moving area of low pressure moved from the Missouri River Valley toward the Great Lakes. Ice accumulations up to a quarter of an inch were reported by a COOP observer in Osseo (Trempealeau County) and most schools were either closed or delayed on the 20th. In addition, with the rain falling on frozen ground, the runoff caused some flooding along the Grant and Platte Rivers in Grant County.

WISCONSIN, West

(WI-Z014) POLK, (WI-Z015) BARRON, (WI-Z016) RUSK

| | | |
|--------------------|---|--------------|
| 02/24/18 16:00 CST | 0 | Winter Storm |
| 02/25/18 01:00 CST | 0 | |

The morning of Saturday, February 24th, a storm system moved out of the Plains, and into the Upper Midwest. Several waves of snow moved across Minnesota, and into western Wisconsin Saturday afternoon. The snow tapered off in west central Wisconsin shortly after midnight, Sunday, February 25th.

Some of the higher snowfall totals in west central Wisconsin included:

- 7.0 Inches north of Bruce in Rusk County.
- 6.5 Inches near Osceola in Polk County.
- 6.0 Inches near Haugen in Barron County.

WYOMING, Central and West

(WY-Z019) GREEN MOUNTAINS & RATTLESNAKE RANGE, (WY-Z020) NATRONA COUNTY LOWER ELEVATIONS

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 02/02/18 04:50 MST | | 0 | High Wind (MAX 77 kt) |
| | 02/03/18 03:50 MST | | 0 | |

High winds occurred across portions of Fremont and Natrona Counties. The highest winds were at the RAWS site at Camp Creek where a maximum wind gust of 89 mph was recorded. Along Outer Drive south of Casper a maximum wind gust of 64 mph was measured.

(WY-Z002) ABSAROKA MOUNTAINS, (WY-Z004) NORTH BIG HORN BASIN, (WY-Z006) SOUTHEAST BIG HORN BASIN, (WY-Z008) BIGHORN MOUNTAINS WEST, (WY-Z012) TETON & GROS VENTRE MOUNTAINS, (WY-Z024) SALT RIVER & WYOMING RANGES

| | | |
|--------------------|---|--------------|
| 02/03/18 20:00 MST | 0 | Winter Storm |
| 02/05/18 20:00 MST | 0 | |

(WY-Z016) UPPER WIND RIVER BASIN, (WY-Z018) LANDER FOOTHILLS

| | | |
|--------------------|-----|-----------------------|
| 02/04/18 23:50 MST | 15K | High Wind (MAX 67 kt) |
| 02/05/18 01:46 MST | 0 | |

A pair of cold fronts moved across Wyoming and brought areas of heavy snow across northern and western portions of the state. The Big Horn Mountains saw heavy snow with some notable amounts including 20 inches at the Powder River SNOTEL and 16 inches at Shell Creek. Some of the other high amounts in the mountains included 19 inches at Evening Star in the Absarokas, 16 inches at Blind Bull Summit in the Salt and Wyoming Range and 13 inches at Togwotee Pass in the Tetons. In the Big Horn Basin, 10 inches of snow fell at Ten Sleep and anywhere from 6 to 9 inches in the Greybull area. In addition, an intense snow squall developed in western Fremont County and moved at speeds of up to 70 mph across the Wind River Basin. Wind gusts of up to 77 mph were reported, and the intense winds destroyed a trailer on the Wind River Indian Reservation.

(WY-Z002) ABSAROKA MOUNTAINS, (WY-Z003) CODY FOOTHILLS

| | | |
|--------------------|---|-----------------------|
| 02/08/18 03:40 MST | 0 | High Wind (MAX 70 kt) |
| 02/08/18 14:00 MST | 0 | |

An approaching cold front mixed down strong wind level winds and brought high winds to areas in the Lee of the Absarokas. The highest wind gust reported was 81 mph along the Chief Joseph Highway. In the wind prone areas near Clark, a gust to 77 mph was recorded.

(WY-Z003) CODY FOOTHILLS, (WY-Z019) GREEN MOUNTAINS & RATTLESNAKE RANGE, (WY-Z020) NATRONA COUNTY LOWER ELEVATIONS

| | | |
|--------------------|---|-----------------------|
| 02/13/18 18:15 MST | 0 | High Wind (MAX 81 kt) |
| 02/14/18 15:10 MST | 0 | |

A combination of a strong pressure gradient and strong low level winds mixing to the surface brought high winds to wind prone areas of northern and central Wyoming. The strongest winds occurred in the vicinity of Clark where gusts as high as 93 mph were recorded. In central Wyoming, some of the highest wind gusts included 83 mph at the Fales Rock RAWS site in the Green Mountains and 68 mph along Wyoming Boulevard south of Casper.

(WY-Z001) YELLOWSTONE NATIONAL PARK, (WY-Z002) ABSAROKA MOUNTAINS, (WY-Z004) NORTH BIG HORN BASIN, (WY-Z012) TETON & GROS VENTRE MOUNTAINS, (WY-Z013) JACKSON HOLE, (WY-Z019) GREEN MOUNTAINS & RATTLESNAKE RANGE, (WY-Z020) NATRONA COUNTY LOWER ELEVATIONS, (WY-Z022) CASPER MOUNTAIN, (WY-Z023) STAR VALLEY, (WY-Z024) SALT RIVER & WYOMING RANGES, (WY-Z025) UPPER GREEN RIVER BASIN FOOTHILLS, (WY-Z027) SOUTH LINCOLN COUNTY, (WY-Z028) ROCK SPRINGS & GREEN RIVER, (WY-Z029) FLAMING GORGE, (WY-Z030) EAST SWEETWATER COUNTY

| | | |
|--------------------|---|--------------|
| 02/17/18 06:00 MST | 0 | Winter Storm |
| 02/19/18 21:00 MST | 0 | |

(WY-Z018) LANDER FOOTHILLS, (WY-Z019) GREEN MOUNTAINS & RATTLESNAKE RANGE, (WY-Z020) NATRONA COUNTY LOWER ELEVATIONS

| | | |
|--------------------|---|-----------------------|
| 02/17/18 11:00 MST | 0 | High Wind (MAX 68 kt) |
| 02/18/18 02:00 MST | 0 | |

A complex and potent winter storm crossed western and central Wyoming and brought heavy snow and high wind to many locations. Strong winds occurred ahead of the storm in portions of central Wyoming, with some of the strongest gusts were 78 mph at Fales Rock and 75 mph along Wyoming Boulevard on the south side of Casper. Following that, heavy snow fell. Over a foot of new snow fell in portions of the Tetons, Absarokas and Casper Mountain as well as in Yellowstone Park. In the lower elevations, the heaviest snow fell around Casper where up to 15 inches was measured. Other areas with over 6 inches included around Rock Springs, northern Big Horn County and around Bondurant.

(WY-Z012) TETON & GROS VENTRE MOUNTAINS

| | | | |
|--------------------|---|---|-----------|
| 02/17/18 11:00 MST | 1 | 0 | Avalanche |
| 02/17/18 11:00 MST | | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

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

Direct Fatalities: M30OU

A 30 year old Utah man was skiing at Rock Springs Canton, a back country ski area south of Jackson Hole Ski Resort. He was skiing in an area called Ralph's Slide when a triggered an avalanche. The man was partially buried and was pronounced dead at the scene from head trauma.

(WY-Z003) CODY FOOTHILLS, (WY-Z019) GREEN MOUNTAINS & RATTLESNAKE RANGE, (WY-Z020) NATRONA COUNTY LOWER ELEVATIONS

| | | | |
|--|--------------------|---|-----------------------|
| | 02/25/18 08:15 MST | 0 | High Wind (MAX 83 kt) |
| | 02/26/18 10:30 MST | 0 | |

Strong mid level winds mixed to the surface ahead of an advancing cold front and brought high winds to the wind prone areas across central Wyoming. The strongest winds were near Clark where winds gusted as high as 96 mph. Elsewhere, winds gusted to 81 mph along Wyoming Boulevard south of Casper and a gust of 79 mph was recorded at Fales Rock in the Green Mountains.

WYOMING, Extreme Southwest

(WY-Z021) UINTA

| | | | |
|--|--------------------|---|------------|
| | 02/18/18 10:00 MST | 0 | Heavy Snow |
| | 02/20/18 15:00 MST | 0 | |

The same winter storm that impacted much of Utah, starting February 18, also brought heavy snowfall to far southwest Wyoming.

WYOMING, North Central

(WY-Z098) NORTHEAST BIGHORN MOUNTAINS, (WY-Z099) SHERIDAN FOOTHILLS

| | | | |
|--|--------------------|---|--------------|
| | 02/03/18 10:00 MST | 0 | Winter Storm |
| | 02/05/18 06:00 MST | 0 | |

Arctic air at the surface, combined with a moist flow off the Pacific, resulted in an "over-running event" which brought heavy snow across the entire Billings Forecast area.

(WY-Z099) SHERIDAN FOOTHILLS

| | | | |
|--|--------------------|---|--------------|
| | 02/18/18 08:14 MST | 0 | Winter Storm |
| | 02/19/18 03:00 MST | 0 | |

Arctic air at the surface, combined with a moist flow off the Pacific, resulted in heavy snow across the Sheridan Foothills.

WYOMING, Northeast

(WY-Z057) WYOMING BLACK HILLS

| | | | |
|--|--------------------|---|------------|
| | 02/03/18 12:00 MST | 0 | Heavy Snow |
| | 02/04/18 03:00 MST | 0 | |

A storm system brought areas of heavy snow to the Bear Lodge Mountains. Snowfall amounts of four to eight inches were reported. Breezy northwest winds produced patchy blowing snow.

(WY-Z058) WESTON

| | | | |
|--|--------------------|---|--------------|
| | 02/08/18 18:00 MST | 0 | Winter Storm |
| | 02/09/18 11:00 MST | 0 | |

A winter storm brought snowfall to much of northeastern Wyoming. A band of heavy snow developed over northern and eastern Weston County, producing five to ten inches of snow from Upton to the Newcastle area.

(WY-Z054) NORTHERN CAMPBELL, (WY-Z055) SOUTH CAMPBELL, (WY-Z056) WESTERN CROOK, (WY-Z057) WYOMING BLACK HILLS, (WY-Z058)

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|------------------------|
| WESTON, (WY-Z071) NORTHEASTERN CROOK | | | | |
| | 02/18/18 08:00 MST | | 0 | Winter Storm |
| | 02/19/18 19:00 MST | | 0 | |

A strong winter storm brought heavy snow to much of northeastern Wyoming. Snowfall amounts of six to 12 inches were common across the area. Breezy conditions also brought patchy blowing snow and greatly reduced visibility at times.

WYOMING, Southeast

| | | | | |
|--|--------------------|--|---|-----------------------|
| (WY-Z104) FERRIS/SEMINOE/SHIRLEY MOUNTAINS, (WY-Z105) SHIRLEY BASIN, (WY-Z106) CENTRAL LARAMIE RANGE AND SOUTHWEST PLATTE COUNTY, (WY-Z107) EAST PLATTE COUNTY, (WY-Z110) NORTH SNOWY RANGE FOOTHILLS, (WY-Z115) LARAMIE VALLEY, (WY-Z116) SOUTH LARAMIE RANGE, (WY-Z117) SOUTH LARAMIE RANGE FOOTHILLS, (WY-Z118) CENTRAL LARAMIE COUNTY | | | | |
| | 02/02/18 10:45 MST | | 0 | High Wind (MAX 69 kt) |
| | 02/05/18 04:25 MST | | 0 | |

Periodic strong winds affected much of southeast and south central Wyoming. Peak gusts of 60 to 80 mph were observed.

| | | | | |
|--|--------------------|--|---|--------------|
| (WY-Z112) SIERRA MADRE RANGE, (WY-Z114) SNOWY RANGE | | | | |
| | 02/02/18 17:00 MST | | 0 | Winter Storm |
| | 02/05/18 17:00 MST | | 0 | |

A prolonged period of moderate to heavy snow fell over the Snowy and Sierra Madre mountains. One to three feet of snow was observed.

| | | | | |
|---|--------------------|--|---|-----------------------|
| (WY-Z106) CENTRAL LARAMIE RANGE AND SOUTHWEST PLATTE COUNTY, (WY-Z107) EAST PLATTE COUNTY, (WY-Z110) NORTH SNOWY RANGE FOOTHILLS, (WY-Z115) LARAMIE VALLEY, (WY-Z116) SOUTH LARAMIE RANGE, (WY-Z117) SOUTH LARAMIE RANGE FOOTHILLS | | | | |
| | 02/07/18 07:00 MST | | 0 | High Wind (MAX 59 kt) |
| | 02/08/18 19:15 MST | | 0 | |

A tight pressure gradient and strong winds aloft produced high winds for the wind-prone areas of southeast Wyoming. Gusts of 60 to 70 mph were observed.

| | | | | |
|-------------------------------------|--------------------|--|---|----------------|
| (WY-Z112) SIERRA MADRE RANGE | | | | |
| | 02/12/18 12:00 MST | | 0 | Winter Weather |
| | 02/12/18 23:00 MST | | 0 | |

Moist upslope flow and a weak upper level disturbance produced moderate snowfall over the Sierra Madre Range. Snowfall ranged from 4 to 8 inches.

| | | | | |
|---|--------------------|--|---|-----------------------|
| (WY-Z101) CONVERSE COUNTY LOWER ELEVATIONS, (WY-Z104) FERRIS/SEMINOE/SHIRLEY MOUNTAINS, (WY-Z105) SHIRLEY BASIN, (WY-Z106) CENTRAL LARAMIE RANGE AND SOUTHWEST PLATTE COUNTY, (WY-Z107) EAST PLATTE COUNTY, (WY-Z109) CENTRAL CARBON COUNTY, (WY-Z110) NORTH SNOWY RANGE FOOTHILLS, (WY-Z115) LARAMIE VALLEY, (WY-Z116) SOUTH LARAMIE RANGE, (WY-Z117) SOUTH LARAMIE RANGE FOOTHILLS, (WY-Z118) CENTRAL LARAMIE COUNTY | | | | |
| | 02/14/18 01:25 MST | | 0 | High Wind (MAX 72 kt) |
| | 02/14/18 16:30 MST | | 0 | |

High winds developed across portions of south central and southeast Wyoming. Frequent gusts of 60 to 80 mph were observed.

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|--|--------------------|--|---|--------------|
| (WY-Z112) SIERRA MADRE RANGE, (WY-Z114) SNOWY RANGE | | | | |
| | 02/14/18 12:00 MST | | 0 | Winter Storm |
| | 02/15/18 14:00 MST | | 0 | |

An energetic, moist upslope flow produced periods of heavy snowfall over the Snowy and Sierra Madre mountains. Storm totals ranged from 10 to 14 inches.

| | | | | |
|--|--------------------|--|---|----------|
| (WY-Z110) NORTH SNOWY RANGE FOOTHILLS | | | | |
| | 02/16/18 18:00 MST | | 0 | Blizzard |
| | 02/17/18 03:00 MST | | 0 | |

Storm Data and Unusual Weather Phenomena - February 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|------------------------|
| (WY-Z101) CONVERSE COUNTY LOWER ELEVATIONS, (WY-Z103) NORTH LARAMIE RANGE, (WY-Z104) FERRIS/SEMINOE/SHIRLEY MOUNTAINS, (WY-Z105) SHIRLEY BASIN, (WY-Z106) CENTRAL LARAMIE RANGE AND SOUTHWEST PLATTE COUNTY, (WY-Z107) EAST PLATTE COUNTY, (WY-Z109) CENTRAL CARBON COUNTY, (WY-Z110) NORTH SNOWY RANGE FOOTHILLS, (WY-Z113) UPPER NORTH PLATTE RIVER BASIN, (WY-Z115) LARAMIE VALLEY, (WY-Z116) SOUTH LARAMIE RANGE, (WY-Z117) SOUTH LARAMIE RANGE FOOTHILLS, (WY-Z118) CENTRAL LARAMIE COUNTY | | | | |
| | 02/16/18 18:55 MST | | 0 | High Wind (MAX 68 kt) |
| | 02/18/18 09:00 MST | | 0 | |

Prolonged and widespread high winds developed over much of southeast Wyoming. Frequent gusts of 60 to 70 mph were observed. The combination of high winds and blowing snow created ground blizzard conditions along Interstate 80 between mile markers 249 and 284 including Arlington and Elk Mountain.

| | | | | |
|--|--------------------|--|---|--------------|
| (WY-Z101) CONVERSE COUNTY LOWER ELEVATIONS, (WY-Z102) NIOBRARA COUNTY, (WY-Z103) NORTH LARAMIE RANGE, (WY-Z104) FERRIS/SEMINOE/SHIRLEY MOUNTAINS, (WY-Z105) SHIRLEY BASIN, (WY-Z106) CENTRAL LARAMIE RANGE AND SOUTHWEST PLATTE COUNTY, (WY-Z107) EAST PLATTE COUNTY, (WY-Z108) GOSHEN COUNTY, (WY-Z109) CENTRAL CARBON COUNTY, (WY-Z110) NORTH SNOWY RANGE FOOTHILLS, (WY-Z111) SOUTHWEST CARBON COUNTY, (WY-Z112) SIERRA MADRE RANGE, (WY-Z113) UPPER NORTH PLATTE RIVER BASIN, (WY-Z114) SNOWY RANGE, (WY-Z115) LARAMIE VALLEY, (WY-Z116) SOUTH LARAMIE RANGE, (WY-Z117) SOUTH LARAMIE RANGE FOOTHILLS | | | | |
| | 02/17/18 18:00 MST | | 0 | Winter Storm |
| | 02/20/18 02:00 MST | | 0 | |

A strong, slow-moving low pressure system moved across southeast Wyoming and produced widespread moderate to heavy snowfall. Wind gusts to 30 mph created areas of drifting snow and poor visibility. Storm total snowfall ranged from 6 to 18 inches, heaviest over the Snowy Range.

| | | | | |
|--|--------------------|--|---|-----------------------|
| (WY-Z103) NORTH LARAMIE RANGE, (WY-Z106) CENTRAL LARAMIE RANGE AND SOUTHWEST PLATTE COUNTY, (WY-Z110) NORTH SNOWY RANGE FOOTHILLS, (WY-Z116) SOUTH LARAMIE RANGE, (WY-Z117) SOUTH LARAMIE RANGE FOOTHILLS, (WY-Z118) CENTRAL LARAMIE COUNTY | | | | |
| | 02/24/18 06:45 MST | | 0 | High Wind (MAX 66 kt) |
| | 02/25/18 18:00 MST | | 0 | |

Periods of high winds developed across the wind prone areas of southeast Wyoming. Wind gusts of 60 to 75 mph were observed.