This special USA situation report provides detailed state summaries for storms, tornadoes, straight line winds and flooding for the past 90 days across the United States.

According to the National Weather Service, there were nearly 4,400 individual reports of severe weather reported in May alone. These included tornadoes, hail and straight-line winds, and was the highest recorded since May since 2011. Record-breaking rainfall in Oklahoma and Kansas resulted in historic flooding throughout the Arkansas River Basin, along with remnant flooding in the Missouri and Mississippi River. Record rainfall swamped the south-central U.S. over the past few weeks, leading to catastrophic flooding along the Arkansas River in both Oklahoma and Arkansas. In several locations, the river was at its highest level ever recorded, including Fort Smith, Ark. basins. [source](https://twitter.com/)

**Twitter handles**
- @Humanityroad
- @DisasterAnimals
- @jAIDdog
- @DAFNReady

**Facebook pages**
- Humanity Road
- Animals in Disaster

---

**About Humanity Road**: Founded in 2010 as a 501(c)3 non-profit corporation, Humanity Road is a leader in the field of online disaster response. Through skilled and self-directed work teams, Humanity Road and its network of global volunteers aim to provide the public and disaster responders worldwide with timely and accurate aid information. Providing such information helps individuals survive, sustain, and reunite with loved ones. For more information, please visit [www.humanityroad.org](https://www.humanityroad.org).
Table of Contents

Situation Overview 3

Significant Updates (most recent first) 4

National Links 4

USA States Impacted 5
  Alabama 12 of 67 counties 5
  Arkansas - 16 of 75 Counties 7
  California - 28 of 58 Counties and 3 Indian Reservations 9
  Colorado 0 counties of 64 counties 10
  Florida - 4 of 67 Counties 11
  Georgia - 6 Counties of 159 Counties 11
  Illinois- 34 Counties of 102 12
  Indiana - 8 Counties of 92 14
  Iowa - 75 of 99 Counties and 1 Tribe 14
  Kansas - 63 of 105 Counties 17
  Kentucky- 57 of 120 Counties 19
  Louisiana- 10 Counties of 64 Counties 21
  Mississippi - 22 counties of 82 counties 22
  Missouri - 12 Counties of 114 counties 23
  Montana- 8 Counties of 56 counties 26
  Nebraska - 80 of 93 Counties and 4 Native American 26
  New Mexico - 2 Counties of 33 counties 28
  North Carolina 5 of 100 counties 29
  North Dakota - 2 Counties of 53 counties 29
  Ohio - 21 counties of 88 counties 30
  Oklahoma - 77 Counties of 77 counties 32
  Oregon - 5 Counties of 36 counties 33
  Pennsylvania - 6 Counties of 67 counties 34
  South Carolina - 0 Counties of 46 counties 35
  Tennessee - 57 Counties of 95 counties 36
  Texas - 26 Counties of 254 counties 36
  Washington - 9 Counties of 39 counties 38

Response and Recovery efforts 39

Special Needs and vulnerable populations 40

Maps and Reports 40

Volunteers Reporting 40
Appendix

Situation Overview
The Southern and Central United States have been battered by Tornado outbreaks and drenched by rainstorm after rainstorm in the spring of 2019, leading to widespread flooding. Across the continental United States, river gauges at 404 locations were above flood stage on May 29, with the vast majority along the Missouri, Mississippi, and Arkansas rivers and their tributaries.

The problem was most acute in late May along the Arkansas River. As of May 29, the National Weather Service reported flooding at 22 gauges along the river in Kansas, Oklahoma, and Arkansas, not including nearby tributaries and lakes. Major flooding was observed at 13 of those gauges. News media and forecasters predicted flooding in every major community along the river in the coming days. Every county in Oklahoma was in a state of emergency, and evacuations were ordered or recommended in several communities in Arkansas. source The image pair below shows flooding on the northeast side of Tulsa, along the Caney and Verdigris rivers, which flow into the Arkansas.
Significant Updates (most recent first)

- In the past 90 days 27 states and 650 counties and parishes have been impacted by significant weather events including tornadoes, straight line winds, hail and flooding.

- Receding flood waters are revealing damage to roads and bridges source

- California, the La Jolla band of Luiseno, Cahuilla band of Indians, and Soboba Indian reservation have all experienced flooding, landslides and mudslides FEMA DR 4425.

- Oklahoma: The Muskogee and Cherokee Nations closed riverfront casinos. source

- Oklahoma: Cherokee Nation Tribal responding to flood damage from the Arkansas River at the local public schools and the tribal head start building. source

- In the following report, tornado items appearing in red are EF 2 or higher.

National Links

FEMA
- Website https://www.fema.gov/
- Twitter https://twitter.com/fema
- Facebook https://www.facebook.com/FEMA/

National Weather Service (NWS)
- Website https://www.weather.gov/
- Twitter https://twitter.com/nws
- Facebook https://www.facebook.com/nws

American Red Cross
- Website http://www.redcross.org/
- Twitter http://www.twitter.com/redcross
- Facebook https://www.facebook.com/redcross

Distress Line
- Website https://www.samhsa.gov/find-help/disaster-distress-helpline
- Twitter https://twitter.com/distressline
- Facebook https://www.facebook.com/samhsa

Humanity Road
- Website https://humanityroad.org
- Twitter: https://twitter.com/humanityroad
- Facebook https://www.facebook.com/humanityroad

ITDRC
- Website https://itdrc.org

support@humanityroad.org  www.humanityroad.org  Support our work
USA States Impacted

Alabama 12 of 67 counties

Social Media Accounts
Twitter: https://twitter.com/AlabamaEMA
Facebook: http://www.facebook.com/AlabamaEMA
Website: http://ema.alabama.gov/

General Summary
As of June 6, a total of 13 counties in Alabama were declared a disaster from recent severe storms, straight line winds, tornadoes and flooding (Blount, Cherokee, Colbert, DeKalb, Franklin, Greene, Jackson, Lee, Lamar, Madison, Marion, Morgan, Winston). For year to date 2019 NOAA reports 1 a total of 351 Severe Weather reports for Alabama including 75 Tornadoes, 35 Hail reports and 241 Wind Reports. In the past 90 days, there have been 47 tornadoes impacting communities across 32 counties.

Tornado Summary
Alabama on average has 47 tornadoes each year. As of April 22, 2019 a total of 54 tornadoes had already been reported source. An EF4 tornado struck Beauregard, Alabama on March 3 killing 23 people and leaving thousands without power. The tornado was nearly a mile wide in Lee County source. On March 5, a presidential major disaster declaration was made following severe storms, straight-line winds, and tornadoes that impacted Lee County on March 3rd. source. Below is a summary of tornado and storm related disaster declarations in past 90 days for Alabama.

Mar 3

<table>
<thead>
<tr>
<th>Tornado Outbreak</th>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Macon-Lee</td>
<td>EF4</td>
<td>Beauregard - NW of Society Hill &amp; NE of Smiths Station</td>
</tr>
<tr>
<td></td>
<td>Barbour</td>
<td>EF2</td>
<td>Weedon Field NE of Old Town Creek Recreation Area</td>
</tr>
</tbody>
</table>

1 https://www.spc.noaa.gov/climo/online/monthly/states.php?month=00&year=2019&state=AL
- Barbour  EF2  County Rd 79 SSW of Batesville & SW Lugo
- Macon-Lee  EF2  Davisville ESE of Liverpool & S of Griffen Mill
- Geneva  EF1  NNE of Fadetter & S of Slocomb
- Washington  EF1  SW of McIntosh
- Washington  EF1  S of Chatom
- Crenshaw-Pike  EF1  NW of Honoraville
- Henry  EF0  SE of Shorterville
- Bullock  EF0  County Rd 8 SSW of Inverness SW Lugo
- Autauga  EF0  County Rd 33 ENE of Mulberry

Mar 4

- Severe Storms, Straight-line Winds, And Tornadoes
  - FEMA DR-4419 Declared on Monday, March 4, 2019 - 19:00
  - Map: https://gis.fema.gov/maps/dec_4419.pdf
  - Counties: Lee County

Mar 14

- Tornado Outbreak

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elmore</td>
<td>EF2</td>
<td>WNW of Holtville &amp; NE of Ten Cedars Estates</td>
</tr>
<tr>
<td>Autauga</td>
<td>EF1</td>
<td>S of Dawson Mill &amp; SSW of Vida Junction</td>
</tr>
<tr>
<td>Cullman</td>
<td>EF1</td>
<td>NNW of Hanceville &amp; NNW of Holly Pond</td>
</tr>
<tr>
<td>Perry-Chilton</td>
<td>EF1</td>
<td>ESE Ellards &amp; NE of Oakmulgee</td>
</tr>
<tr>
<td>St. Clair</td>
<td>EF1</td>
<td>SE St Clair Springs &amp; N of Wattsville</td>
</tr>
<tr>
<td>Blount-Etowah-StClair</td>
<td>EF1</td>
<td>SW Allgood to N of Camp Sumatanga</td>
</tr>
<tr>
<td>Chilton-Coosa</td>
<td>EF0</td>
<td>NNW of Gap of the Mtn &amp; SSE of Marble Valley</td>
</tr>
<tr>
<td>Perry-Douglass</td>
<td>EF0</td>
<td>NNW &amp; NNE of Central Mills</td>
</tr>
<tr>
<td>Marengo</td>
<td>EF0</td>
<td>ENE of Dayton &amp; SW of Unicientown</td>
</tr>
<tr>
<td>Calhoun</td>
<td>EF0</td>
<td>N of Ohatchee</td>
</tr>
<tr>
<td>Perry</td>
<td>EF0</td>
<td>ENE of Morgan Springs &amp; Heiberger</td>
</tr>
<tr>
<td>Tuscaloosa</td>
<td>EF0</td>
<td>S of Bankhead Lock &amp; Dam &amp; WSW Bull City</td>
</tr>
<tr>
<td>Blount</td>
<td>EF0</td>
<td>NW of Allgood &amp; W of Oneonta</td>
</tr>
<tr>
<td>Randolph</td>
<td>EF0</td>
<td>SSW of Wedowee &amp; SSW Woodland</td>
</tr>
<tr>
<td>Coosa</td>
<td>EF0</td>
<td>ESE of Parkdale &amp; N of Goodwater</td>
</tr>
</tbody>
</table>

Apr 8

- Tornado Outbreak

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blount</td>
<td>EF1</td>
<td>ESE of Blountsville &amp; SSW of Brookville</td>
</tr>
<tr>
<td>Blount</td>
<td>EF0</td>
<td>SW Hayden &amp; NE Hayden</td>
</tr>
</tbody>
</table>

Apr 13

- Tornado Outbreak

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Franklin</td>
<td>EF1</td>
<td>ENE of Red Bay &amp; NNE of Red Bay</td>
</tr>
<tr>
<td>Marion</td>
<td>EF1</td>
<td>SSW of Shotsville &amp; WSW Shotsville</td>
</tr>
<tr>
<td>Marshall</td>
<td>EF1</td>
<td>NNW of Douglas and S of Guntersville</td>
</tr>
</tbody>
</table>

Apr 14

- Tornado Outbreak

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colbert</td>
<td>EF1</td>
<td>WSW of Leighton</td>
</tr>
<tr>
<td>Etowah</td>
<td>EF1</td>
<td>NNE of Glencoe - NNE Hokes Bluff</td>
</tr>
</tbody>
</table>

support@humanityroad.org  www.humanityroad.org  Support our work  Page 6 of 42
- Tuscaloosa  EF1  NE of Low Gap and N of Hagler
- Pike  EF1  WSW of Troy
- Crenshaw-Pike  EF0  W of Goshen
- Pike  EF0  W of Henderson
- Russell  EF0  SE of Phenix City
- Shelby  EF0  WNW of Calera - SSE of Shelby Cty Airport
- Shelby  EF0  SE of Oak Mountain Lake & W of Shoal Creek Golf Club
- Perry  EF0  ENE of Sprott & SW Oakmulgee
- Hale  EF0  NE of Gallion & E of Cedarville

Apr 16
- Severe Storms, Straight-line Winds, Tornadoes, And Flooding
  - FEMA DR-4426 Declared on Tuesday, April 16, 2019 - 20:00
  - Map:  https://gis.fema.gov/maps/dec_4426.pdf
  - Counties: Blount, Cherokee, Colbert, DeKalb, Franklin, Greene, Jackson, Lamar, Madison, Marion, Morgan, Winston

May 8
- Tornado Outbreak
  - DeKalb  EF1  SSE of Fyffe
  - Marshall  EF1  NE of Albertville
  - Madison  EF0  N of Hazel Green

May 12
- Tornado Outbreak
  - Houston  EF0  Dothan

Arkansas - 16 of 75 Counties

Social Media Accounts
Twitter:  https://twitter.com/AR_Emergencies
Facebook:  http://www.facebook.com/Aremergencies
Website:  https://www.adem.arkansas.gov/

General Summary
As of June 7, severe storms and flooding have impacted 16 counties: Arkansas, Conway, Crawford, Desha, Faulkner, Franklin, Jefferson, Johnson, Lincoln, Logan, Perry, Pope, Pulaski, Sebastian, Washington, and Yell

On May 28, the Arkansas River in western Arkansas was at its highest water level ever recorded. Near the Oklahoma border at Fort Smith, Arkansas (pop 300,000), the river rose to two feet above its previous all-time high on Tuesday morning, and was predicted to rise at least another two feet before cresting on Wednesday. As of May 31, Along the Arkansas River in Arkansas,
communities prepared for more record-breaking crests. Officials ordered mandatory evacuations for
about 500 homes that sit within the levee system in Jefferson County, just southwest of Little Rock.
source  Arkansas Department of Health is waiving the $17 fee for flood victims to have private wells
tested for bacterial contamination. A water sampling kit is available for free at each of the state’s 75
local county health units

By June 6 flooding was finally receding in most parts of Central Arkansas along the Arkansas River,
but at Lake Conway, flooding is still a major problem for many residents. Arkansas Game and Fish
Commission explains that floodwater from the Arkansas River is flowing backward through Palarm
Creek, filling Lake Conway. source

Tornado Summary
For 2019 NOAA reports  a total of 197 severe weather events including 24 Tornadoes, 34 Hail and
139 Wind reports.

Mar 9
- Tornado Outbreak
  County
  - Pulaski / Lonoke  EF1  E of Wrightsville NNW of Keo
  - Lonoke / Prairie  EF1  S of Culler S of Screeton
  - Lonoke / Prairie  EF1  S of Parkers Corner WNW of Slovak

Apr 30
- Tornado Outbreak
  County
  - Boone  EF1  SSE of Berman WSW South Lead Hill

May 2
- Tornado Outbreak
  County
  - Pulaski  EF0  NNW of Sylvan Hills, SSW of Olmstead
  - Faulkner  EF0  SW of Otto NNE of Cato
  - Prairie  EF0  WSW of Des Arc to NNW of Des Arc
  - Jacson  EF0  se of SWIFTON
  - Greene  EF0  NE of Lafe

May 8
- Tornado Outbreak
  County
  - Jefferson  EF0  ENE of Pine Bluff

May 18
- Tornado Outbreak
  County
  - Le Flore / Sebastian  EF1  SSW of Arkoma to NE of Ft Smith
  - Sebastian  EF1  NW of Greenwood to NE of Greenwood
  - Sebastian / Crawford  EF1  NW of Barling to SW of Kibler
  - Sebastian / Franklin  EF1  SE of Lavaca to NNE of Charleston

2 https://www.spc.noaa.gov/climo/online/monthly/states.php?month=00&year=2019&state=AR

support@humanityroad.org  www.humanityroad.org  Support our work
May 21
- Arkansas Severe Storms And Flooding (EM-3414)
  - **FEMA EM-3414** Declared on Wednesday, May 29, 2019 - 20:00
  - Counties: Arkansas, Chicot, Conway, Crawford, Desha, Faulkner, Franklin, Jefferson, Johnson, Lincoln, Logan, Perry, Pope, Pulaski, Sebastian, Yell

---

California - 28 of 58 Counties and 3 Indian Reservations

Social Media Accounts
Twitter:  [https://twitter.com/Cal_OES](https://twitter.com/Cal_OES)
Facebook:  [https://www.facebook.com/CaliforniaOES](https://www.facebook.com/CaliforniaOES)
Website  [https://www.caloes.ca.gov/](https://www.caloes.ca.gov/)

General Summary:
A presidential disaster declaration was made for the La Jolla Indian Reservation on March 26, for the Cahuilla Indian Reservation on March 27, and for the Soboba Band Luiseno Indians on April 9, 2019 due to the impact of severe storms, flooding and landslides in February. Public Assistance was approved. (Assistance to State, Local, Tribal and Territorial governments and certain private-non-profit organizations for emergency work and the repair or replacement of disaster-damaged facilities). In addition, All areas within the La Jolla Band of Luiseño Indians, the Cahuilla Indian Reservation, and the Soboba Band Luiseno Indians are eligible for assistance under the Hazard Mitigation Grant Program.

In May, an additional 28 counties were declared a disaster due to winter storms, flooding, mudslides and landslides. In 2019 NOAA reports 35 severe weather reports including 14 tornados, 8 hail and 13 wind reports.

Feb 2

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colusa</td>
<td>EF0</td>
<td>2 m E of Stegeman</td>
</tr>
<tr>
<td>Mariposa</td>
<td>EF0</td>
<td>2 m NNW of Ben Hur</td>
</tr>
<tr>
<td>Sutter</td>
<td>EF0</td>
<td>5 m SSW Yuba City S</td>
</tr>
</tbody>
</table>

Feb 15
- Tornado Outbreak:

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Madera</td>
<td>EF0</td>
<td>5 m SE of Knowles</td>
</tr>
</tbody>
</table>

Mar 26
- La Jolla Band of Luiseño Indians Severe Storms, Flooding, Landslides, And Mudslides

---

Mar 28
- Cahuilla Band of Indians Severe Storms And Flooding (DR-4423)
  - FEMA DR-4423 Declared on Wednesday, March 27, 2019 - 20:00
  - Map: Mar 27 Cahuilla Indian Reservation Disaster Declaration
  - Counties: Cahuilla Indian Reservation

Apr 8
- Soboba Band Luiseno Indians Severe Storms And Flooding (DR-4425)
  - FEMA DR 4425 Major Disaster Declaration declared on April 08, 2019
  - Map: Map Soboba Band Luiseno Indians Severe Storms And Flooding (DR-4425)
  - Counties: Soboba Indian Reservation

May 1
- California Severe Winter Storms, Flooding, Landslides, And Mudslides
  - FEMA DR-4431 Declared on Tuesday, April 30, 2019 - 20:00
  - Map: Map California Severe Winter Storms, Flooding, Landslides, And Mudslides
  - Counties: Calaveras, Colusa, Marin, Mariposa, Mendocino, Modoc, Napa, Riverside, Santa Barbara, Shasta, Trinity

May 17
- California Severe Winter Storms, Flooding, Landslides, And Mudslides
  - Counties: Amador, Butte, Colusa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Marin, Mariposa, Mendocino, Monterey, Napa, Sonoma, Tehama, Trinity, Tuolumne

Colorado: 0 counties of 64 counties

Social Media
Twitter: https://twitter.com/COEmergency
Facebook: https://www.facebook.com/COEmergency
Website: http://www.coemergency.com/

General Summary
As of June 7, 2019 there have been no disaster declarations for the state of Colorado. For year to date 2019 NOAA reports 113 severe weather reports including 26 tornadoes, 64 hail reports and 23 wind reports. Currently Avalanche debris causing blockages leading to potential flood threats. Updates can be accessed at http://www.coemergency.com/

https://www.spc.noaa.gov/climo/online/monthly/states.php?month=00&year=2019&state=CO
**Tornado Summary:** In May, tornadoes were reported in several Colorado counties including Weld, Adams, Lincoln, Kiowa, Prowers and Bent. Most of the twisters were on the ground for five minutes or less and none of them caused any damage.

---

### Florida - 4 of 67 Counties

**Social Media**
- Twitter: [https://twitter.com/FLSERT](https://twitter.com/FLSERT)
- Facebook: [http://www.facebook.com/FloridaSERT](http://www.facebook.com/FloridaSERT)
- Website: [http://www.floridadisaster.org/](http://www.floridadisaster.org/)

**General Summary**
In 2019 year to date, NOAA reports that Florida experienced a total of 265 severe weather events, 14 Tornado reports, 38 Hail reports and 225 wind reports. No significant flooding however, current and recent thunderstorms this week brought heavy rainfall and led to flooded roadways across South Florida, leaving thousands of people without power. Currently no streams are in flood stage.

**USGS Flood Map**

**Tornado Summary**
May 3 Tornado outbreak Florida [Map](https://twitter.com/FLSERT) The strongest tornado was rated EF-3 in Leon/Jefferson County, Florida. This was only the second F3 or EF-3 to affect Leon County since 1945. In Jackson County 16 homes were damaged by an EF1.

**Mar 3**
- **Tornado Outbreak:**
  - County: Leon & Jefferson County
  - EF: EF3
  - Location: Leon County
  - County: Jackson County
  - EF: EF1
  - Location: Jackson County
  - County: Walton County
  - EF: EF0
  - Location: Walton County
  - County: Gadsden County
  - EF: EF1
  - Location: Gadsden County

---

### Georgia - 6 Counties of 159 Counties

**Social Media**
- Twitter: [https://twitter.com/GeorgiaEMA](https://twitter.com/GeorgiaEMA)
- Facebook: [http://www.facebook.com/GEMA](http://www.facebook.com/GEMA)
- Website: [http://georgia.gov/agencies/georgia-emergency-management-agency](http://georgia.gov/agencies/georgia-emergency-management-agency)

**General Summary:**
For year to date 2019 NOAA reports 352 severe weather events including 53 tornadoes, 38 hail reports and 261 wind reports. More than 460 people are still staying in 26 Red Cross and community shelters and that number could rise as new storms threaten and flood waters continue to overflow the river banks. source

**Flooding Summary:** On April 19th, 2019 a very heavy rainfall lead to flash flooding in several areas some received 6 inches of rain. source In May the downtown area of Helen, Georgia flooded due to the Chattahoochee river with business damage and road damage. source. Flooding Map

**Tornado Summary**

Mar 3
- Tornado Outbreak:

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crawford</td>
<td>EF2</td>
<td>Greer Rd, Wesley Chapel Rd</td>
</tr>
<tr>
<td>Stewart</td>
<td>EF2</td>
<td>Wesley Chapel Rd &amp; Philadelphia Rd</td>
</tr>
<tr>
<td>Webster</td>
<td>EF2</td>
<td>Wester</td>
</tr>
<tr>
<td>Columbia</td>
<td>EF2</td>
<td>Evans</td>
</tr>
<tr>
<td>Harris</td>
<td>EF2</td>
<td>along Gray Rock Rd &amp; Ellerslie</td>
</tr>
<tr>
<td>Talbot</td>
<td>EF2</td>
<td>Talbotton</td>
</tr>
<tr>
<td>Harris</td>
<td>EF1</td>
<td>Pine Mountain &amp; Hwy GA-18</td>
</tr>
<tr>
<td>Peach</td>
<td>EF1</td>
<td>Taylors Mill Rd, Vinson Rd</td>
</tr>
<tr>
<td>Muskogee</td>
<td>EF1</td>
<td>near Winding Ridge Rd</td>
</tr>
<tr>
<td>Quitman</td>
<td>EF1</td>
<td>Lakepoint Resort State Park</td>
</tr>
<tr>
<td>Twiggs</td>
<td>EF1</td>
<td>Huber near KaMin factory</td>
</tr>
<tr>
<td>Wilkinson</td>
<td>EF1</td>
<td>S of Toomsboro</td>
</tr>
<tr>
<td>Washington</td>
<td>EF1</td>
<td>S of Heards Bridge Rd</td>
</tr>
<tr>
<td>Washington</td>
<td>EF1</td>
<td>Oconee, Kaolin Rd &amp; Hwy 272</td>
</tr>
<tr>
<td>Bibb</td>
<td>EF0</td>
<td>Macon</td>
</tr>
<tr>
<td>Telfair</td>
<td>EF0</td>
<td>E of Workmore, Big Horse Creek Rd</td>
</tr>
<tr>
<td>Telfair</td>
<td>EF0</td>
<td>Workmore S of McRae</td>
</tr>
<tr>
<td>Macon / Peach</td>
<td>EF0</td>
<td>E of Marshallville</td>
</tr>
<tr>
<td>Taylor</td>
<td>EF0</td>
<td>S of Ruper</td>
</tr>
</tbody>
</table>

**Illinois- 34 Counties of 102**

**Social Media**
Twitter: https://twitter.com/ReadyIllinois
Facebook: http://www.facebook.com/ReadyIllinois
Website: http://iema.illinois.gov/iema/index.asp

**General Summary:**
On May 3, 2019, after major flooding, the governor issued a state disaster declaration for 34 of the 102 counties in Illinois. Illinois has seen record river crests, residential evacuations and flood-related washouts and road buckling. As of May 31, About 200 Illinois National Guard members had been
deployed along the Illinois and Mississippi rivers to assist with flood and levee monitoring. Flooding in the state has been ongoing for about 80 days and is expected to reach “historic highs.” It comes amid spring flooding across the Midwest. John Sullivan of the Illinois Department of Agriculture says just 35% of corn crops and 14% of soybeans had been planted this season because of heavy rainfall.

**Tornado Summary:**
For year to date 2019 NOAA reports 6 a total of 294 severe weather events including 21 tornadoes, 61 hail reports and 212 wind reports. While there were 21 tornadoes in the past 90 days in Illinois, none were rated higher than EF1. There are no disaster declarations related to tornadoes in Illinois.

**May 3**
- Severe Flooding and Storms
  - Governor declares 34 counties battling floods disaster areas [source](https://www.spc.noaa.gov/climo/online/monthly/states.php?month=00&year=2019&state=IN)
  - **Map:** [USGS Illinois Flood Map](https://www.humanityroad.org)
  - **Counties:** Adams, Alexander, Brown, Bureau, Calhoun, Carroll, Cass, Fulton, Greene, Grundy, Hancock, Henderson, Jackson, Jersey, Jo Daviess, LaSalle, Madison, Marshall, Mason, Mercer, Monroe, Morgan, Peoria, Pike, Putnam, Randolph, Rock Island, Schuyler, Scott, St. Clair, Tazewell, Union, Whiteside, Woodford

**May 23**
- Tornado Outbreak
  - Sangamon, Menard, Logan
    - **EF** 1  SW of Cantrall to W of Broadwell
  - Logan
    - **EF** 1  N of Lincoln
  - Piatt
    - **EF** 1  N of Cisco
  - Vermilion
    - **EF** 1  Muncie
  - Clay
    - **EF** 0  WSW of Xenia

**May 24**
- Tornado Outbreak
  - McDonough
    - **EF** 1  N of Industry
  - McDonough
    - **EF** 1  NE of Industry
  - Champaign
    - **EF** 1  Champaign
  - Champaign
    - **EF** 1  Urbana
  - Champaign
    - **EF** 1  SW of St Joseph
  - Fulton
    - **EF** 0  W of Lewistown

**May 27**
- Tornado Outbreak
  - Kendall
    - **EF** 0  NNE of Plattsburg
  - Will
    - **EF** 0  SW of Romeoville
  - Knox
    - **EF** 0  S of Dahinda
  - Vermillion
    - **EF** 0  S of Henning
Lee EF0 SW of Paw Paw
Cook EF0 SSE of Sauk Village
Woodford EF0 NW of Benson

May 29

- Tornado Outbreak

  County EF Location
  Christian EF0 NNW of Stonington
  Christian EF0 N of Edinburg
  Christian EF0 NE of Stonington
  Macon EF0 E of Blue Mound

Indiana - 8 Counties of 92

Twitter: https://twitter.com/IDHS
Website: http://www.in.gov/sema/

General Summary
For year to date 2019 NOAA reports 7 294 severe weather events including 21 tornadoes, 61 hail reports and 212 wind reports. As of June 10, 2019 there have been no disaster declarations for the state of Indiana.

Tornado Summary
There were at least 500 structures damaged in the Pendleton area when an EF-2 tornado swept across Madison County on Memorial Day. According to preliminary damage estimates roughly 1,500 structures in the storm's path were surveyed and about 33 percent of those structures suffered some level of damage. At least 30 to 40 of those structures were either destroyed or heavily damaged

May 27

- Tornado Outbreak

  County EF Location
  Miami, Fulton EF3 N of Macy to SSE of Silver Lake
  Blackford, Wells EF3 N of Roll to S of Nottingham
  Madison EF2 Pendleton
  Grant EF2 SSW of Somerset
  Wabash EF1 NW of Manchester
  Henry EF1 S of Middletown
  Henry EF1 ESE of Middletown

Iowa - 75 of 99 Counties and 1 Tribe

Iowa - 75 of 99 Counties and 1 Tribe
General Summary:

Since March 2019 Iowa has been in flood stage due to rain, melting snow, and ice jams. Iowa was declared a state of emergency by March 16th, 2019 for the following counties; Fremont, Harrison, Louisa, Mills, Monona, Pottawattamie, Scott, Shelby, Woodbury. Missouri Valley evacuated 2,000 residents. Primghar, Iowa had record rainfall levels at 50.8 mm in 24 hours. Currently there are 20 stream gauges flooding. [source](https://www.humanityroad.org).

Tornado Summary:
For year to date 2019 NOAA reports 112 severe weather reports including 27 tornadoes, 37 hail reports and 48 wind reports. 56 counties Multiple tornadoes ripped through eastern Iowa in May damaging several homes, barns and trees. [source](https://www.humanityroad.org).

Mar 12
- Severe Storms And Flooding
  - [FEMA DR-4421](https://www.spc.noaa.gov/climo/online/monthly/states.php?month=00&year=2019&state=IA) Declared on Friday, March 22, 2019 - 20:00
  - [FEMA DR-4430](https://www.spc.noaa.gov/climo/online/monthly/states.php?month=00&year=2019&state=IA) Declared on Sunday, April 28, 2019 - 20:00
  - Map: [May 2019 Severe Storms and Flooding PDF](https://www.spc.noaa.gov/climo/online/monthly/states.php?month=00&year=2019&state=IA)

---

Mar 13
● Sac and Fox Tribe of the Mississippi in Iowa Severe Storms And Flooding
  ○ FEMA DR-4430
  ○ Map: Mar 13 Sac and Fox Tribe Severe Storms and Flooding
  ○ Counties: Sac and Fox Tribe of the Mississippi in Iowa

May 22
● Tornado Outbreak
  County EF Location
  ○ Adair, Guthrie EF2 Adair
  ○ Cass EF1 SE of Anita

May 24
● Tornado Outbreak
  County EF Location
  ○ Johnson EF1 Iowa City
  ○ Cedar EF0 NE of West Branch

May 27
● Tornado Outbreak
  County EF Location
  ○ Van Buren EF3 ENE of Cantril
  ○ Floyd EF1 Charles City
  ○ Howard EF1 S of Saratoga to Lime Springs
  ○ Lee EF1 Houghton
  ○ Howard EF0 SW of Elma
  ○ Des Moines EF0 SW of Burlington

May 27
● Tornado Outbreak
  County EF Location
  ○ Poweshiek EF1 NNE of Barnes City
  ○ Humboldt EF0 SE of Bradgate
  ○ Iowa EF0 SE of Victor
  ○ Poweshiek EF0 NE of Deep River
  ○ Hardin EF0 ESE of Garden City
  ○ Poweshiek EF0 SE of Guernsey
  ○ Iowa EF0 E of Guernsey
  ○ Johnson EF0 NW of Kalnone
  ○ Hardin EF0 E of New Providence
  ○ Hardin EF0 SW of Eldora
  ○ Hardin EF0 WNW of Owasa
  ○ Hardin EF0 E of Steamboat Rock

June 4
● Gov. Kim Reynolds issued a disaster proclamation May 29 for 10 counties in
response to heavy rains, hail, straight-line winds, tornadoes, widespread flooding,
and flash flooding beginning May 17 and continuing. She also issued proclamations
on May 30 for Van Buren County, May 31 for Appanoose, Cedar, Davis, Johnson,
Lucas, Monroe, and Pottawattamie counties, and on June 4 for Union County for severe weather beginning May 17.

- Counties: Appanoose, Cedar, Clinton, Davis, Des Moines, Henry, Iowa, Johnson, Lee, Louisa, Lucas, Marion, Monroe, Pottawattamie, Scott, Van Buren, Union, Wapello, Wayne

---

### Kansas - 63 of 105 Counties

**Social Media**
- Twitter: [https://twitter.com/KansasEmergency](https://twitter.com/KansasEmergency)
- Facebook: [https://www.facebook.com/KansasEmergency/](https://www.facebook.com/KansasEmergency/)
- Website: [http://www.kansastag.gov/kdem_default.asp](http://www.kansastag.gov/kdem_default.asp)

**General Summary:**

On June 4, 2019 Atchison, Bourbon and Ford Counties were added to the state disaster proclamation signed by Governor Laura Kelly May 9 which brings the total to 63 of the 105 counties in Kansas. Counties currently named in the declaration are: Allen, Anderson, Barber, Barton, Butler, Chase, Chautauqua, Cherokee, Clark, Clay, Cloud, Coffey, Comanche, Cowley, Crawford, Dickinson, Doniphan, Douglas, Edwards, Elk, Ellsworth, Franklin, Geary, Gray, Greenwood, Harper, Harvey, Hodgeman, Jefferson, Kingman, Leavenworth, Lincoln, Linn, Lyon, Marion, Marshall, McPherson, Meade, Montgomery, Morris, Nemaha, Neosho, Norton, Osage, Ottawa, Pawnee, Phillips, Pottawatomie, Pratt, Reno, Rice, Riley, Rush, Russell, Saline, Sumner, Wabaunsee, Washington, Wilson, and Woodson. [source](#)

Lakeside Village in Jefferson County is without water supply as a result of flooding. The Kansas National Guard, in partnership with Fort Riley’s 1st Infantry Division and the Nebraska National Guard, will be transporting six HIPPOs (Load Handling System Compatible Water Tank Racks) to the community to fill their pump house to supply their water system. A liaison officer has also been sent to the area to coordinate with local officials.

All American Red Cross shelters are currently closed. Ten shelters are on standby. All pet shelters have been closed with four on standby. The Kansas State Animal Response Team is supporting pet shelter needs, as needed.

On May 28, a presidential emergency declaration was made for 33 counties for public assistance. Flood [Map](#)

### Tornado Summary:

For year to date 2019, NOAA reports a total of 645 severe weather reports including 97 tornadoes, 287 hail and 261 wind reports.

---

On May 17, 2019 an EF3 long-tracked tornado passed near the towns of Minneola and Bloom, significantly damaging multiple farmsteads. A semi-truck was blown off the road near the beginning of the path. Homes sustained major structural damage, including roof and exterior wall loss. Barns and outbuildings were completely destroyed, including a metal-framed structure that was severely mangled. Farm machinery was thrown and damaged, trees were snapped and denuded, and a wooden projectile was speared into a dirt road. [source](source)

On May 28, 2019 an EF4 tornado touched down south of Lawrence about 6:15 pm and continued northeast for more than 31 miles before lifting in Leavenworth County. Douglas County officials said the storm injured 17 people, three of them seriously, and damaged more than 60 homes. [source](source) The tornado developed in southwestern Douglas county Kansas and tracked to the east-northeast while strengthening. EF-3 damage occurred in northeastern Douglas county, then the storm gained strength and produced EF-4 damage in southern Leavenworth county Kansas.

### May 17
- **Tornado Outbreak**
  - **County**
  - **EF**
  - **Location**
    - Meade, Clark, Ford
    - EF3
    - SE of Fowler to W of Ford
    - Ford, Edwards
    - EF2
    - Ford, Edwards
    - Edwards
    - EF2
    - Lewis to N of Belpre

### May 20
- **Tornado Outbreak**
  - **County**
  - **EF**
  - **Location**
    - Cherokee
    - EF1
    - S of Chicopee
    - Crawford
    - EF1
    - S of Pittsburg

### May 21
- **Tornado Outbreak**
  - **County**
  - **EF**
  - **Location**
    - Nemaha
    - EF3
    - Bern
    - Jackson
    - EF2
    - SW of Mayettato S of Whiting
    - Dickinson
    - EF1
    - SSE of Enterprise to S of Chapman
    - Nemaha
    - EF1
    - SW of Oneida
    - Atchison
    - EF1
    - NW of Effingham
    - Dickinson, Geary
    - EF0
    - E of Chapmanto ENE of Milford
    - Shawnee, Jackson
    - EF0
    - E of Rossvilleto SW of Mayetta

### May 22
- **Tornado Outbreak**
  - **County**
  - **EF**
  - **Location**
    - Cherokee
    - EF1
    - Treece

### May 24
- **Tornado Outbreak**
  - **County**
  - **EF**
  - **Location**
    - Marshall
    - EF1
    - Marysville
    - Nemaha
    - EF1
    - N of Seneca
    - Butler
    - EF0
    - Douglass
May 24

- Tornado Outbreak

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kansas</td>
<td>EF1</td>
<td>NE of Cimarron</td>
</tr>
<tr>
<td>Ford</td>
<td>EF1</td>
<td>N of Ford</td>
</tr>
<tr>
<td>Hodgeman</td>
<td>EF1</td>
<td>NE of Hanston</td>
</tr>
<tr>
<td>Thomas</td>
<td>EF1</td>
<td>W of Mingo</td>
</tr>
</tbody>
</table>

May 27 (May 9 and Continuing)

- Tornadoes And Flooding

- FEMA EM-3412 Declared on Monday, May 28, 2019 - 20:00

May 28

- Tornado Outbreak

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Douglas, Leavenworth</td>
<td>EF4</td>
<td>ENE of Overbrook to Linwood, Bonner Springs</td>
</tr>
<tr>
<td>Russell, Osborne, Jewell, Mitchell</td>
<td>EF2</td>
<td>W of Waldoto S of Tipton</td>
</tr>
</tbody>
</table>

Kentucky- 57 of 120 Counties

Social Media
Twitter: [https://twitter.com/KentuckyEM](https://twitter.com/KentuckyEM)
Facebook: [https://www.facebook.com/KentuckyEM/](https://www.facebook.com/KentuckyEM/)
Website: [https://kyem.ky.gov/Pages/default.aspx](https://kyem.ky.gov/Pages/default.aspx)

General Summary:
As of June 7, 2019 there are 57 of the 120 counties in Kentucky that have received a Presidential disaster declaration.

In early April, Gov. Matt Bevin sent a letter requesting a Presidential Disaster Declaration for 58 Kentucky counties that were impacted during a severe weather event in February and March. The system produced extended episodes of strong winds and torrential rain which caused flooding, flash flooding, landslides, and mudslides. The weather system caused over $41 million in damages statewide, the majority of that related to highways, bridges, and utility infrastructure. Three Kentuckians lost their lives during this event, along with many minor injuries.
Severe storms in February increased water levels at dams in central and western Kentucky, resulting in record water releases at Wolf Creek Dam in Jamestown that have caused flooding. The Kentucky Division of Emergency Management has received state of emergency declarations from 36 counties and 11 cities. Flood [Map](#)

Tornado Summary
For year to date 2019 NOAA Reports 10 164 severe weather events including 13 tornadoes, 25 hail reports and 126 wind reports.

On March 14, 2019, Scattered supercell thunderstorms developed ahead of a cold front on the 14th as it swept east across our region during the day. The supercell activity was preceded by widespread rain and thunderstorms the previous night. The overnight rain was locally heavy, causing some flooding in western Kentucky. Throughout the event, strong gradient winds associated with a strong low pressure system gusted up to 50 mph at times and 6 tornadoes were reported.

An EF2 tornado impacted the counties of McCracken, Ballard, and Carlisle. The tornado developed near Cunningham and quickly intensified and widened, reaching 300 yards wide just west of Lovelaceville. The tornado reached its maximum intensity of EF-2 intermittently from just north of Lovelaceville to just southeast of Barkley Regional Airport (west of Paducah). At least a dozen homes sustained major structural damage, including walls blown outward and partial roof loss. Four cows were killed near Lovelaceville. Dozens of barns, outbuildings, garages, and grain bins were destroyed. Dozens of homes sustained minor damage, such as loss of shingles. A mall on the west side of Paducah sustained some roof damage, as well as an adjacent strip mall. Extensive tree and power line damage caused power outages for thousands. The only reported injury occurred when a grain bin was blown onto a pickup truck on U.S. Highway 62. [source](#)

<table>
<thead>
<tr>
<th>March 14</th>
<th>Tornado Outbreak</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>EF</td>
</tr>
<tr>
<td>McCracken, Ballard, Carlisle</td>
<td>EF2</td>
</tr>
<tr>
<td>Union</td>
<td>EF1</td>
</tr>
<tr>
<td>Henderson</td>
<td>EF0</td>
</tr>
<tr>
<td>Henderson, Webster</td>
<td>EF0</td>
</tr>
<tr>
<td>Webster</td>
<td>EF0</td>
</tr>
<tr>
<td>Graves</td>
<td>EF0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>April 17</th>
<th>Severe Storms, Straight-line Winds, Flooding, Landslides, And Mudslides</th>
</tr>
</thead>
<tbody>
<tr>
<td>○ <a href="https://gis.fema.gov/maps/dec_4428.pdf">FEMA DR-4428</a> Declared on Tuesday, April 16, 2019 - 20:00</td>
<td></td>
</tr>
<tr>
<td>○ Map: <a href="https://gis.fema.gov/maps/dec_4428.pdf">https://gis.fema.gov/maps/dec_4428.pdf</a></td>
<td></td>
</tr>
<tr>
<td>○ Counties: Adair, Ballard, Bell, Boyd, Breathitt, Butler, Campbell, Carlisle, Carroll, Carter, Casey, Clay, Crittenden, Cumberland, Edmonson, Elliott, Estill, Floyd, Grant, Greenup, Hancock, Harlan, Henderson, Henry, Jackson, Johnson, Knott, Knox, Laurel, Lawrence, Lee, Leslie, Letcher, Livingston, Madison, Magoffin, Marion, Marshall, Martin, McCracken, McCreary, Metcalfe, Morgan,</td>
<td></td>
</tr>
</tbody>
</table>
General Summary:
For year to date 2019, NOAA reports 11 297 severe weather events for Louisiana including 52 tornadoes, 53 hail events and 192 wind reports. State of emergency declared for flooding that began on May 10, 2019 due to tornadoes with 373 homes damaged and public property and infrastructure. As of June 10, eight stream gauges are in flood in Louisiana Current Flood Map

Tornado Summary
On June 3, 2019, a federal disaster declaration was made for the parishes of Lincoln, Morehouse, and Union. The request was made after tornadoes in April hit the area, doing more than $12 million of damages. Two people were killed. Louisiana Tech University was also affected. source

The Governor of Louisiana declared a state of emergency following the tornado outbreak of April 25-26, 2019 after multiple road closures, power outages, downed trees, debris and structures damages were reported in Lincoln, Union, Bienville, Caddo, DeSoto, LaSalle, and Morehouse parishes. During the early morning hours of April 25, a large tornado of EF3 intensity caused major damage in Ruston, Louisiana, including portions of the Louisiana Tech University campus. Numerous homes and businesses were damaged or destroyed, vehicles were lofted, and two people were killed when a large tree crushed a house. Another early-morning wedge tornado tracked from Morehouse Parish, Louisiana into Ashley County, Arkansas, mowing down hundreds of trees at EF2 intensity. Near Jena, Louisiana, an EF2 tornado ripped half of the roof off of a house and downed many trees. source

On May 8 an outbreak of 10 - 12 tornadoes ripped through TX AR and LA. All were EF1 or lower and damage was limited to one or two homes and uprooted and snapped trees. source

Mar 9
- Tornado Outbreak
<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caddo Parish</td>
<td>EF1</td>
<td>2 m NE Vivian to 3 E of Mira</td>
</tr>
<tr>
<td>Bossier Parish</td>
<td>EF1</td>
<td>2 m SW of Carterville to 1 m E of Carterville</td>
</tr>
<tr>
<td>Webster Parish</td>
<td>EF1</td>
<td>.5 W of Springhill to .2 E of Springhill</td>
</tr>
</tbody>
</table>

Apr 24- 25


support@humanityroad.org  www.humanityroad.org  Support our work

Page 21 of 42
● Tornado Outbreak

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lincoln</td>
<td>EF3</td>
<td>Ruston</td>
</tr>
<tr>
<td>Morehouse Parish / Ashley</td>
<td>EF2</td>
<td>WNW of Beekman SSW of Hamburg</td>
</tr>
<tr>
<td>Lasalle</td>
<td>EF2</td>
<td>7 m W of Jena</td>
</tr>
<tr>
<td>Caddo</td>
<td>EF1</td>
<td>1 m ENE of Mooringsport</td>
</tr>
<tr>
<td>Sabine</td>
<td>TDS</td>
<td>NE of Converse</td>
</tr>
<tr>
<td>Bienville</td>
<td>TDS</td>
<td>1 m NNE of Lucky</td>
</tr>
<tr>
<td>Bienville</td>
<td>TDS</td>
<td>3 m E of Bienville</td>
</tr>
<tr>
<td>Union</td>
<td>TDS</td>
<td>5 m NNE of Downsville</td>
</tr>
<tr>
<td>LaSalle</td>
<td>TDS</td>
<td>5 m N of Midway - Summerville</td>
</tr>
<tr>
<td>Vernon</td>
<td>TDS</td>
<td>5 m NW of Sugartown</td>
</tr>
</tbody>
</table>

● Louisiana Severe Storms And Tornadoes (DR-4439)
  ○ FEMA DR-4439 Declared on Sunday, June 2, 2019 - 20:00
  ○ Counties: Lincoln (Parish), Morehouse (Parish), Union (Parish)

May 8
● Tornado Outbreak Radar Animation Map

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>De Soto Parish</td>
<td>EF1</td>
<td>Near Keatchi, LA</td>
</tr>
<tr>
<td>De Soto Parish</td>
<td>EF1</td>
<td>Near Stonewall</td>
</tr>
<tr>
<td>De Soto Parish</td>
<td>EF1</td>
<td>East of Stonewall</td>
</tr>
<tr>
<td>Natchitoches Parish</td>
<td>EF1</td>
<td>Near Readhimer</td>
</tr>
<tr>
<td>Jackson Parish</td>
<td>EF1</td>
<td>South/East of Jonesboro</td>
</tr>
<tr>
<td>Jackson Parish</td>
<td>EF1</td>
<td>South of Jonesboro</td>
</tr>
<tr>
<td>Jackson/Lincoln Parish</td>
<td>EF1</td>
<td>Clay/S. Ruston</td>
</tr>
</tbody>
</table>

May 10 (and continuing)
● Louisiana Flooding (EM-3413)
  ○ FEMA EM-3413 Declared on Tuesday, May 28, 2019 - 20:00 source
  ○ Counties: To be determined

Mississippi - 22 counties of 82 counties

Social Media
Twitter: https://twitter.com/MSEMA
Facebook: https://www.facebook.com/msemaorg
Website: http://www.msema.org/

General Summary:
On April 23, 2019, a federal disaster declaration was approved for 23 counties in Mississippi following severe storms, straight-line winds, tornadoes, and flooding from Feb. 22 – March 29, 2019.

On March 25, 2019, a Mississippi congressional congregation requested full consideration of Mississippi Governor Phil Bryant’s request for a federal disaster declaration in the event of the
devastating weather events and record flooding across the state. The delegation’s letter referenced preliminary damage reports that show 43 of Mississippi’s 82 counties have been affected. The letter also referenced Governor Bryant’s request, which documented at least 1,323 lost or damaged homes, 126 affected businesses, 839 destroyed or damaged roads, 35 impacted bridges, and one fatality. Fifteen Mississippi counties are currently experiencing flooding, which will cause these initial assessments to increase. source

Flood Map

Tornado Summary
As of April 30, 2019, there were 76 tornadoes in Mississippi. The National Weather Service confirmed 44 tornadoes in Mississippi from the April 18 outbreak, tying the record for a single event. The one-day total exceeds Mississippi’s annual average of 43 tornadoes during the years 1991-2010. source

2019 Tornadoes in Mississippi ESRI map

May 22 (Feb 22 - Mar 29)
- Mississippi Severe Storms, Straight-line Winds, Tornadoes, And Flooding
  - FEMA DR-4429 Declared on Monday, April 22, 2019 - 20:00
  - Map: Map Apr 23 Severe Storms, Straight-line Winds, Tornadoes, And Flooding (DR-4429)
  - Counties: Alcorn, Calhoun, Carroll, Chickasaw, Clay, Coahoma, Grenada, Itawamba, Lafayette, Lee, Leflore, Lowndes, Montgomery, Panola, Pontotoc, Prentiss, Quitman, Sunflower, Tallahatchie, Tishomingo, Union, Washington, Webster, Yalobusha

Missouri - 12 Counties of 114 counties

Social Media
Twitter: https://twitter.com/MoSEMA
Facebook: https://www.facebook.com/MissouriSEMA/
Website: https://sema.dps.mo.gov/

General Summary
On May 20, 2019, a presidential disaster declaration was made for 12 counties impacted by severe storms, straight line winds, and flooding from March 11 to April 16, 2019. Public Assistance was approved, but individual assistance was not approved. source

More than a month after the flooding began, Governor Parson declared a state of emergency on March 23, 2019, after 13 counties were inundated by severe flooding. “Many of the affected communities have engaged in flood-fighting activities due to severe flooding along the Missouri and Mississippi Rivers,” the letter stated. “The severity and magnitude of the flooding has caused several communities to be evacuated and has resulted in the destruction of homes, farms, and businesses.
Parson also asked that five of the 13 counties—Andrew, Atchison, Buchanan, Holt, and Platte—receive individual assistance, which will allow residents to apply for aid to pay for temporary housing, home repair and replacement of damaged belongings. source

Flood Map

Tornado Summary
Year to date in 2019, NOAA reports 12 512 severe weather events for Missouri including 88 tornadoes, 145 hail reports and 279 wind reports.

On May 22, 2019, About two dozen people were reportedly injured when a “wedge” tornado ripped through Jefferson City, Missouri at 11:43 p.m. The twister left a 3-square-mile trail of destruction. Authorities had received reports of collapsed apartment complexes and shredded mobile homes. People called to say they were trapped in their homes. Yet, there were no reported fatalities. Earlier in the night, tornadoes flew around southwest Missouri, near the Oklahoma border, setting off alarms in Joplin, where on the same date eight years earlier a tornado killed 161 people. Tornadoes caused damage in the nearby town of Carl Junction and in Golden City, where three people were killed. Despite the widespread damage, authorities announced with relief that injuries in Jefferson City had been minimal, that there were no fatalities and no reports of missing people. source

April 30
- Tornado Outbreak

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christian/Greene</td>
<td>EF2</td>
<td>Ozark / SE Greene County</td>
</tr>
<tr>
<td>McDonald/Barry</td>
<td>EF1</td>
<td>Wheaton</td>
</tr>
<tr>
<td>Lawrence</td>
<td>EF1</td>
<td>Miller #1</td>
</tr>
<tr>
<td>Lawrence/Dade</td>
<td>EF1</td>
<td>Miller #2</td>
</tr>
<tr>
<td>Polk</td>
<td>EF1</td>
<td>Eudora</td>
</tr>
<tr>
<td>Greene</td>
<td>EF1</td>
<td>Willard #1</td>
</tr>
<tr>
<td>Greene</td>
<td>EF1</td>
<td>Willard #2</td>
</tr>
<tr>
<td>Stone/Christian</td>
<td>EF1</td>
<td>Galena / South Christian</td>
</tr>
<tr>
<td>Taney/Ozark</td>
<td>EF1</td>
<td>Theodosia</td>
</tr>
<tr>
<td>Dallas</td>
<td>EF1</td>
<td>Long Lane</td>
</tr>
<tr>
<td>Douglas</td>
<td>EF1</td>
<td>Squires</td>
</tr>
<tr>
<td>Douglas</td>
<td>EF1</td>
<td>Hunter Creek</td>
</tr>
<tr>
<td>Texas</td>
<td>EF1</td>
<td>Bucyrus</td>
</tr>
<tr>
<td>Wright</td>
<td>EF1</td>
<td>Dawson</td>
</tr>
<tr>
<td>Wright</td>
<td>EF1</td>
<td>Macomb</td>
</tr>
<tr>
<td>Wright</td>
<td>EF1</td>
<td>Norwood</td>
</tr>
<tr>
<td>Phelps</td>
<td>EF1</td>
<td>NE Jerome</td>
</tr>
<tr>
<td>Phelps</td>
<td>EF0</td>
<td>Edgar Springs</td>
</tr>
<tr>
<td>Howell</td>
<td>EF0</td>
<td>Willow Springs</td>
</tr>
<tr>
<td>Barry</td>
<td>EF0</td>
<td>Pleasant Ridge</td>
</tr>
<tr>
<td>Texas</td>
<td>EF0</td>
<td>Northern Texas</td>
</tr>
<tr>
<td>Wright</td>
<td>EF0</td>
<td>Mountain Grove</td>
</tr>
<tr>
<td>Wright</td>
<td>EF0</td>
<td>Hartville</td>
</tr>
</tbody>
</table>

• Dallas EF0 North Buffalo
• Douglas EF0 Brushy Knob
• Douglas EF0 Goodhope
• Taney EF0 Branson
• Barry EF0 Cassville
• Barry EF0 Shell Knob

May 20
• Tornado Outbreak
  County   EF   Location
  • Barton   EF1   S. of Pittsburg KS to SE of Mindenmines MO

May 20 (Mar 11 - Apr 16)
• Missouri Severe Storms, Straight-line Winds, And Flooding (DR-4435):
  o FEMA DR-4435 Declared on Sunday, May 19, 2019 - 20:00
  o Map: https://gis.fema.gov/maps/dec_4435.pdf
  o Counties: Andrew, Atchison, Buchanan, Carroll, Chariton, Holt, Mississippi, New Madrid, Pemiscot, Perry, Platte, Ray, Ste. Genevieve

May 21
• Tornado Outbreak
  County   EF   Location
  • Webster   EF1   W of Marshfield
  • Wright   EF1   W of Mansfield to W of Manes
  • Phelps   EF1   E of Beulah to ESE of Edgar Springs
  • Callaway EF1   E of Yucatan
  • Franklin, St. Charles EF1   W of Labadieto NE of Augusta
  • Greene   EF0   WSW of Bassville

May 22
• Tornado Outbreak
  County   EF   Location
  • Miller, Cole, Callaway EF3   Eldon to Jefferson City
  • Audrain   EF0   WNW Rush Hilltop S of Santa FE

May 23
• Tornado Outbreak
  County   EF   Location
  • Laclede EF1   Southern Laquey

May 24
• Tornado Outbreak
  County   EF   Location
  • Jackson EF0   Longview Lake
  • Jackson EF0   Lake Lotawana
  • Lafayette EF0   Ne of Altamont

May 28
• Tornado Outbreak
  County   EF   Location
  • Clay   EF2   SSE of Kearney

May 29
General Summary
On May 24, 2019, Governor Steve Bullock announced that FEMA has granted the State of Montana its requested Presidential Disaster Declaration for spring flooding. The declaration will provide for flood recovery efforts in Daniels, Lake, McCone, Park, Powder River, Stillwater, Treasure and Valley Counties.

“Early spring flooding caused widespread damage to roads, culverts and private residences, particularly affecting rural communities across Montana,” said Governor Bullock. “I am thankful for FEMA’s diligence and for working with us to secure this funding. Montanans can rest assured that we continue to stand ready to assist in protecting lives and property, cleaning up from this spring flooding, and in mitigating future disasters.” Governor Bullock and Montana Disaster and Emergency Services (MT DES) submitted the request for a Presidential Major Disaster Declaration on May 9 for an estimated $2.2 million in damages. source

For year to date in 2019, NOAA reports 13 17 significant weather reports, 8 of which were wind reports.

Flood map

May 24

- Flooding
  - FEMA DR-4437 Declared on Thursday, May 23, 2019 - 20:00
  - Map: https://gis.fema.gov/maps/dec_4437.pdf
  - Counties: Daniels, Lake, McCone, Park, Powder River, Stillwater, Treasure and Valley

Social Media
Twitter: https://twitter.com/MontanaDES
Facebook: https://www.facebook.com/montana.des
Website: http://readyandsafe.mt.gov/Emergency

Montana - 8 Counties of 56 counties

Social Media
Twitter: https://twitter.com/MontanaDES
Facebook: https://www.facebook.com/montana.des
Website: http://readyandsafe.mt.gov/Emergency

Nebraska - 80 of 93 Counties and 4 Native American

Social Media
Twitter: https://twitter.com/NEMAtweets


support@humanityroad.org    www.humanityroad.org    Support our work  Page 26 of 42
General Summary
In Nebraska, out of 93 counties in the state, Presidential public assistance disaster declarations have been approved for 81 counties, 3 Native American Reservations and 1 Tribal Designated Statistical area. A total of 27 counties have been approved for individual assistance. There has been damage to 27 state bridges and 200 miles of pavement. At the peak of the flooding, over 3,300 miles of roads were closed due to blizzard conditions or water on the roads. By March 23rd, as the waters receded, less than 200 miles remained closed. Source Flood Map

Tornado Summary
For year to date in 2019, NOAA reports 242 severe weather reports including 30 tornadoes, 160 hail reports and 52 wind reports.

Mar 21 (Mar 9 - Apr 1)
● Severe Winter Storm, Straight-line Winds, And Flooding
  ○ FEMA DR-4420 Declared on Wednesday, March 20, 2019 - 20:00
  ○ Map PDF https://gis.fema.gov/maps/dec_4420.pdf
  ○ Public Assistance Counties: Adams, Antelope, Banner, Blaine, Boone, Box Butte, Boyd, Brown, Buffalo, Burt, Butler, Cass, Cedar, Cherry, Cheyenne, Clay, Colfax, Cuming, Custer, Dakota, Dawes, Dawson, Deuel, Dixon, Dodge, Douglas, Fillmore, Franklin, Frontier, Furnas, Gage, Garden, Garfield, Gosper, Greeley, Hall, Harlan, Holt, Howard, Jefferson, Johnson, Kearney, Keya Paha, Kimball, Knox, Lancaster, Lincoln, Logan, Loup, Madison, Merrick, Morrill, Nance, Nemaha, Nuckolls, Omaha Indian Reservation, Otoe, Pawnee, Phelps, Pierce, Platte, Polk, Ponca (TDSA), Richardson, Rock, Sac and Fox Indian Reservation (Also KS), Saline, Santee Indian Reservation, Sarpy, Saunders, Scotts Bluff, Seward, Sheridan, Sherman, Sioux, Stanton, Thayer, Thurston, Valley, Washington, Wayne, Webster, Wheeler, Winnebago Indian Reservation, York

May 17
● Tornado Outbreak
  ○ Frontier EF3 NE of Stockville to SW of Farnam
  ○ Red Willow EF2 ESE of Culbertson to NW of McCook
  ○ Frontier-Dawson EF1 W of Eustisto NE of Farnam
  ○ Dawson EF1 NE of Cozad
  ○ Custer EF1 SE of Oconto
  ○ Frontier EF0 SW of Stockville

14 https://www.spc.noaa.gov/climo/online/monthly/states.php?month=00&year=2019&state=NE
May 26
- Tornado Outbreak
  County  EF  Location
  Franklin  EF1  SW of Upland

May 27
- Tornado Outbreak
  County  EF  Location
  Chase  EF1  NW of Imperial
  Chase  EF0  N of Imperial
  Chase  EF0  NNE of Imperial

New Mexico - 2 Counties of 33 counties

Social Media
Twitter: https://twitter.com/nmdhsem
Facebook: https://www.facebook.com/nmdhsem
Website: http://www.nmdhsem.org/

General Summary
For year to date in 2019, NOAA reports 126 severe weather reports including 17 tornadoes, 68 hail reports and 41 wind reports.

Tornado Summary

Jun 4
- Otero County EMA reports a small tornado struck outside of town near Alamagordo. Pending official review Source

Mar 7
- Ironworks Fire
  - FEMA FM-5281 Declared on Thursday, March 7, 2019 - 19:00
  - Map: https://www.facebook.com/nmdhsem/photos/a.1037399226293007/2380570628642520/?type=3&theater
  - Counties: Valencia

May 26
- Tornado Outbreak
  County  EF  Location
  Roosevelt  EF2  SE of Dorato NE of Rogers

---


support@humanityroad.org  www.humanityroad.org  Support our work  Page 28 of 42
North Carolina 5 of 100 counties

Social Media
Twitter: https://twitter.com/NCEmergency
Facebook: https://www.facebook.com/NCEmergency/
Website: https://www.ncdps.gov/ncem

General Summary
Over the weekend of June 8 and 9, areas of North Carolina experienced over 12 inches of rain. Flood waters are highest it’s been in some areas since severe flooding of 1949. North Carolina Governor Roy Cooper held a press conference to address the flooding across the state and reported that over 80 swift water rescues have been performed. The Catawba river is cresting over Lookout Shoals dam source. Emergency declarations have been made for Alexander, Caldwell and Catawba counties. Multiple roads and bridges are closed across the state due to flooding including US401 in NE Wake County/South Franklin county, a road collapse in Hickory, and Woodland Hills Drive near Icard. USGS Flood Map

Tornado Summary
On April 19, 2019, there were a total of 12 tornadoes in North Carolina including 1 EF2, 6 EF1, and 5 EF0 tornadoes.

<table>
<thead>
<tr>
<th>Apr 19</th>
<th>Tornado Outbreak</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>EF</td>
</tr>
<tr>
<td>Orange</td>
<td>EF2</td>
</tr>
<tr>
<td>Moore</td>
<td>EF1</td>
</tr>
<tr>
<td>Chatham</td>
<td>EF1</td>
</tr>
<tr>
<td>Sampson/Johnson</td>
<td>EF1</td>
</tr>
<tr>
<td>Nash/Halifax</td>
<td>EF1</td>
</tr>
<tr>
<td>Edgecombe/Halifax</td>
<td>EF1</td>
</tr>
<tr>
<td>Halifax/Northampton</td>
<td>EF1</td>
</tr>
<tr>
<td>McDowell</td>
<td>EF0</td>
</tr>
<tr>
<td>Gaston/Lincoln</td>
<td>EF0</td>
</tr>
<tr>
<td>Alexander</td>
<td>EF0</td>
</tr>
<tr>
<td>W Northampton</td>
<td>EF0</td>
</tr>
<tr>
<td>Northampton</td>
<td>EF0</td>
</tr>
</tbody>
</table>

North Dakota - 2 Counties of 53 counties

Social Media
https://twitter.com/NDDES
https://www.facebook.com/NDResponse/

support@humanityroad.org     www.humanityroad.org     Support our work
General Summary
For year to date in 2019, NOAA reports 43 severe weather reports including 3 tornadoes, 22 hail reports and 18 wind reports. Flood Map

Tornado Summary

May 24

- Tornado Outbreak

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barnes</td>
<td>EF1</td>
<td>Leal</td>
</tr>
<tr>
<td>Barnes</td>
<td>EF0</td>
<td>Rogers</td>
</tr>
<tr>
<td>Steele</td>
<td>EF0</td>
<td>NW of Hope</td>
</tr>
</tbody>
</table>

Ohio - 21 counties of 88 counties

General Summary
On June 10, 2019 Governor Mike DeWine announced he will be seeking assistance from the government for the 21 tornadoes that touched down. source At least 5 million people lost power in May due to tornadoes that tore across Ohio. 2 shelters were setup in Western Ohio due to the severe storms. At least 385 people were treated at hospitals due to storm-related injuries.

On April 8, 2019, a federal disaster declaration was approved for 20 counties impacted by severe storms, flooding, and landslides between February 5-13, 2019. Approved for public assistance were Adams, Athens, Belmont, Brown, Gallia, Guernsey, Hocking, Jackson, Jefferson, Lawrence, Meigs, Monroe, Morgan, Muskingum, Noble, Perry, Pike, Ross, Scioto, Vinton, and Washington counties. source

Flood map

Tornado Summary
During the tornado outbreak of May 27-28, 2019, there were 21 tornadoes reported across Ohio including one F4, three F3, and three F2 tornadoes. Damage summaries from the National Weather Service can be found here. Below is a summary is only for the F4 Brookville tornado.

The largest tornado initially touched down just west of Brookville. Numerous homes suffered significant roof damage and removal, with exterior wall collapse, and complete garage destruction. The tornado then carved a path east through Trotwood where damage consistent with EF2 wind speeds was widespread, with some homes sustaining damage consistent with EF3 wind speeds which again featured roof removal and exterior wall collapse. This was particularly true on the south

---

16 https://www.spc.noaa.gov/climo/online/monthly/states.php?month=00&year=2019&state=ND
side of Westbrook Road. A large number of homes and apartment complexes were impacted further east in Trotwood, most of this damage consistent with high-end EF2 wind speeds.

The tornado continued southeast through Dayton and Northridge, crossing I-75 and into the Old North Dayton Area, where heavy damage continued to homes and businesses. Based on additional information received via Dayton Skywarn and the Red Cross, it is believed the tornado continued further to the southeast, causing damage in a subdivision north of Burkhardt Road. The roof of an apartment building on Dodge Ct was removed. This is the final known damage caused by this tornado.

The survey team noted hundreds of homes, businesses, and apartment complexes and thousands of trees along the path sustaining moderate to heavy damage, and in particular the width of the tornado along much of this path was up to or perhaps in excess of a 1/2 mile which led to an extremely devastating damage footprint across Montgomery County.

**Apr 8 (Feb 5 - Feb 13)**
- Ohio Severe Storms, Flooding, And Landslides (DR-4424)
  - [FEMA DR-4424](https://gis.fema.gov/maps/dec_4424.pdf) Declared on Sunday, April 7, 2019 - 20:00
  - Map: [https://gis.fema.gov/maps/dec_4424.pdf](https://gis.fema.gov/maps/dec_4424.pdf)
  - Counties: Adams, Athens, Belmont, Brown, Gallia, Guernsey, Hocking, Jackson, Jefferson, Lawrence, Meigs, Monroe, Morgan, Muskingum, Noble, Perry, Pike, Ross, Scioto, Vinton, and Washington

**May 27**
- Tornado Outbreak
  - County: Montgomery
    - EF4 Brookville to Riverside
  - County: Montgomery, Greene
    - EF3 Riverside to Beaver creek to N of Xenia
  - County: Mercer
    - EF3 Celina
  - County: Dark/Miami
    - EF3 West Milton
  - County: Montgomery
    - EF2 ESE of Englewood
  - County: Greene
    - EF1 NE of Jamestown
  - County: Darke
    - EF1 S of Hollansburg
  - County: Darke
    - EF1 New Madison
  - County: Auglaize
    - EF0 SSE of Uniopolis
  - County: Miami
    - EF0 S of Troy
  - County: Auglaize
    - EF0 Waynesfield
  - County: Miami
    - EF0 Elizabeth Township
  - County: Montgomery, Miami
    - EF0 Phillipsburg
  - County: Hardin
    - EF0 NE of Belle Center

**May 28**
- Tornado Outbreak
  - County: Greene
    - EF2 NE of Jamestown
  - County: Hocking
    - EF2 NE of Laurelville
  - County: Auglaize
    - EF1 W of Wapakoneta
  - County: Perry, Muskingum
    - EF1 Roseville
General Summary

For year to date in 2019, NOAA reports 17 451 severe weather reports including 85 tornadoes, 175 hail reports and 191 wind reports. Some parts of the state have seen 10 inches of rain in a 48 hour period. Officials believe floods have had an impact on at least 1,000 homes in some way, especially in northeastern Oklahoma around the swollen Arkansas River, state Department of Emergency Management spokeswoman Keli Cain said. Flood watches and warnings were in effect Friday for large portions of northern Oklahoma. By the afternoon, Gov. Kevin Stitt had amended an earlier executive order to declare a state of emergency in all 77 counties across the state due to the severe weather. Gov. Kevin Stitt has declared a state of emergency in all 77 counties across the state due to the severe weather. 

Tornado Summary

May 7
- Severe Storms, Straight-line Winds, Tornadoes, And Flooding (DR-4438)
  - FEMA DR-4438 Declared on Friday, May 31, 2019 - 20:00
  - Map: https://gis.fema.gov/maps/dec_4438.pdf
  - Counties: Muskogee, Tulsa, Wagoner

May 20
- Tornado Outbreak

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greer</td>
<td>EF2</td>
<td>Western Mangum</td>
</tr>
<tr>
<td>Cherokee, Delaware</td>
<td>EF2</td>
<td>SW of Peggsto NW of Kansas</td>
</tr>
<tr>
<td>Okmulgee</td>
<td>EF1</td>
<td>E of Winchester</td>
</tr>
<tr>
<td>Mayes</td>
<td>EF1</td>
<td>S of Salina</td>
</tr>
<tr>
<td>Delaware</td>
<td>EF1</td>
<td>W of Leach to NW of Kansas</td>
</tr>
</tbody>
</table>

May 21
- Tornado Outbreak

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pottawatomie</td>
<td>EF2</td>
<td>E of Dale</td>
</tr>
<tr>
<td>McClain, Cleveland</td>
<td>EF1</td>
<td>Noble</td>
</tr>
<tr>
<td>Creek</td>
<td>EF1</td>
<td>NW of Sapulpa</td>
</tr>
</tbody>
</table>

17 https://www.spc.noaa.gov/climo/online/monthly/states.php?month=00&year=2019&state=OK
Oregon - 5 Counties of 36 counties

General Summary
For year to date in 2019, NOAA reports 18 2 severe weather reports, both were tornadoes. On May 28, 2019, for the first time since 2005 witnesses caught sight of a funnel cloud appearing to form over several minutes, reporting the sighting. After looking into the incident and analyzing public video,
NWS said that a very weak tornado touched down briefly in the area around 4 p.m., 8 miles west-northwest of Sprague River, according to RADAR. No damage or injuries were reported due to the tornado.

No streams currently in flood stage USGS Flood Map.

**May 2 (Feb 23-Feb26)**
- Oregon Severe Winter Storms, Flooding, Landslides, And Mudslides (DR-4432):
  - FEMA DR-4432 Declared on Wednesday, May 1, 2019 - 20:00
  - Map: [https://gis.fema.gov/maps/dec_4432.pdf](https://gis.fema.gov/maps/dec_4432.pdf)
  - Counties: Coos, Curry, Douglas, Jefferson, Lane

---

**Pennsylvania - 6 Counties of 67 counties**

**Social Media**
- Twitter: [https://twitter.com/ReadyPA](https://twitter.com/ReadyPA)
- Facebook: [https://www.facebook.com/BeReadyPA/](https://www.facebook.com/BeReadyPA/)
- Website: [http://www.pema.state.pa.us/portal/server.pt/community/pema_home/4463](http://www.pema.state.pa.us/portal/server.pt/community/pema_home/4463)

**General Summary**
For year to date in 2019, NOAA reports 19 460 severe weather reports including 31 tornadoes, 116 hail reports and 313 wind reports.

USGS Flood Map.

**Tornado Summary**
The National Weather Service said Wednesday at four tornadoes touched down during strong storms that raked across the state on May 28 and May 29, bringing heavy rain and high wind. In a housing development in Morgantown, more than a dozen homes suffered significant structural damage from the storm. source An EF0 storm with winds topping out at 80 mph also struck Lower Milford and Milford townships. Montgomery county was hardest hit.

**May 28**
- Tornado Outbreak
  - County | EF    | Location
  - Lancaster, Berks | EF2 | Morgantown
  - Bradford       | EF1 | ENE of Ulster Township
  - Lackawanna    | EF1 | SW of Waverly Township
  - Indiana       | EF0 | Penn Run
  - Wyoming       | EF0 | Falls Township

**May 29**
- Tornado Outbreak
  - County | EF    | Location
  - Fulton    | EF1 | Wells Tannery area
  - Perry     | EF1 | ESE of Newport

---

South Carolina - 0 Counties of 46 counties

Social Media
Twitter: https://twitter.com/SCEMD
Facebook: https://www.facebook.com/SCEMD
Website: https://www.scemd.org/

General Summary
There are no state or federal disaster declarations for South Carolina in 2019. For year to date in 2019, NOAA reports 20 183 severe weather reports including 12 tornadoes, 10 hail reports and 161 wind reports.

Tornado Summary
On March 3, 2019, an EF2 tornado struck Edgefield. Extensive tree damage occurred along the track of the tornado. At the intersection of Woodlawn Road and Highway 230 there was damage to a convenience store. A couple of the gas pumps were blown over and there was damage to the gas station awning. The most extensive damage to structures occurred near the Morgana Community along Woodlawn Road. Several structures were impacted by fallen trees and large branches. Several homes had damage to roof including shingles, fascia and trim. A tree fell across a pick-up truck crushing the truck bed. Numerous power lines were downed along Woodlawn, Highway 230 and Briggs Road. source

Mar 3
- Tornado Outbreak
  County                EF  Location
  - Edgefield           EF2  Edgefield
  - Lexington           EF1  Red Bank SE of Gilbert
  - Lexington           EF1  Lexington
  - Richland            EF1  Columbia near Saluda River
  - Ft Jackson           EF1  St. Jackson

April 13
- Tornado Outbreak
  County                EF  Location
  - Greenville County    EF1  ENE of Rocky Bottom to SSW Cedar Mtn

Tennessee - 57 Counties of 95 counties

Social Media
Twitter: https://twitter.com/t_e_m_a
Facebook: https://www.facebook.com/TNDisasterInfo
Website: https://www.tn.gov/tema.html

General Summary
For year to date in 2019, NOAA reports 98 severe weather reports including 7 tornadoes, 18 hail reports and 73 wind reports. USGS Flood Map.

Tornado Summary

Apr 17 (Feb 19 - Apr 17)
- Tennessee Severe Storms, Flooding, Landslides, And Mudslides (DR-4427)
  - FEMA DR-4427 Declared on Tuesday, April 16, 2019 - 20:00

Texas - 26 Counties of 254 counties

Social Media
Twitter: https://twitter.com/TDEM
Facebook: https://www.facebook.com/TNDisasterInfo
Website: http://www.dps.texas.gov/dem/

General Summary
In 2019 NOAA reports 1,235 Severe weather reports for Texas including 153 Tornadoes, 604 Hail reports and 478 Wind reports. In the past 90 days 26 Counties have been impacted by flooding and tornadoes. 19 Counties had Tornadoes, including three EF3 and four EF2 and 8 Counties are experiencing Flooding. Counties impacted by Tornado: Coleman, Concho, Denton, Ector, Midland, Fannin, Franklin, Hale, Lipscomb, Roberts, Rockwall, Runnels, Schleicher, Smith, Tarrant, Taylor,

22 https://www.spc.noaa.gov/climo/online/monthly/states.php?month=00&year=2019&state=TX
Tom Green, Tyler, Jasper, Van Zandt, Wood. Counties impacted by Flooding: Ft. Bend, Matagorda, Harris, Austin, Lexington, Brazoria, Lavaca

Flooding Summary
As of Jun 6, 12:30 EDT Eight counties and 23 stream gauges are in flood in Texas. Amtrak announced that flooding is forcing the passenger railroad to suspend service between St. Louis and Fort Worth Texas until June 7\(^{23}\). Emergency management officials from Matagorda and Wharton Counties have reported street and home flooding. There have been multiple vehicle water rescues within Bay City and Van Vleck areas. There has been additional reports from the public and the Department of Transportation of street flooding in Matagorda, Wharton, and Fort Bend Counties\(^{24}\). 10 to 12 inches of rain has already fallen. In Harris County (Central City) and Lavaca County Texas, about 45 homes were flooded in the two communities during the historic rise of the Arkansas River, and about 500 homes were flooded in Fort Smith. USGS Flood Map

Tornado Summary

May 18
- **Tornado Outbreak**

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concho, Runnels</td>
<td>EF3</td>
<td>SSW of Lowake to Northwestern Balling</td>
</tr>
<tr>
<td>Runnels</td>
<td>EF3</td>
<td>NE of Benoit</td>
</tr>
<tr>
<td>Coleman</td>
<td>EF3</td>
<td>NW of Coleman</td>
</tr>
<tr>
<td>Schleicher</td>
<td>EF2</td>
<td>N of Eldorado</td>
</tr>
<tr>
<td>Tom Green</td>
<td>EF2</td>
<td>SW of San Angelo</td>
</tr>
<tr>
<td>Tom Green</td>
<td>EF2</td>
<td>San Angelo</td>
</tr>
<tr>
<td>Taylor</td>
<td>EF2</td>
<td>Western Abilene</td>
</tr>
<tr>
<td>Smith</td>
<td>EF1</td>
<td>NW of New Chapel Hill</td>
</tr>
</tbody>
</table>

May 19
- **Tornado Outbreak**

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tyler, Jasper</td>
<td>EF1</td>
<td>SE of Town Bluff</td>
</tr>
<tr>
<td>Jasper</td>
<td>EF1</td>
<td>SW of Town Bluff</td>
</tr>
</tbody>
</table>

May 20
- **Tornado Outbreak**

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ector, Midland</td>
<td>EF3</td>
<td>SE of Odessa</td>
</tr>
</tbody>
</table>

May 23
- **Tornado Outbreak**

<table>
<thead>
<tr>
<th>County</th>
<th>EF</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lipscomb</td>
<td>EF3</td>
<td>NNE of Follett to SSW of Laverne</td>
</tr>
<tr>
<td>Roberts, Lipscomb</td>
<td>EF2</td>
<td>NW of Canadian</td>
</tr>
<tr>
<td>Roberts</td>
<td>EF1</td>
<td>N of Pampa</td>
</tr>
<tr>
<td>Roberts</td>
<td>EF0</td>
<td>NNE of Pampa</td>
</tr>
<tr>
<td>Lipscomb</td>
<td>EF0</td>
<td>WSW of Lipscomb</td>
</tr>
</tbody>
</table>


### May 23
- **Tornado Outbreak**
  - **County**
  - **EF**
  - **Location**
  - Hale
    - EF2
    - N of Plainview

### May 29
- **Tornado Outbreak**
  - **County**
  - **EF**
  - **Location**
  - Van Zandt
    - EF2
    - Kemp to Mabank
  - Van Zandt
    - EF2
    - WSW of Canton
  - Wood, Franklin
    - EF2
    - E of Winnsboro
  - Van Zandt
    - EF1
    - W of Canton
  - Van Zandt
    - EF1
    - NE of Canton
  - Tarrant
    - EF1
    - SSE of Haslet
  - Tarrant
    - EF0
    - SE of Eagle Mountain
  - Denton
    - EF0
    - SW of Krum
  - Rockwall
    - EF0
    - E of Rockwall
  - Van Zandt
    - EF0
    - SSW of Canton
  - Van Zandt
    - EF0
    - NE of Canton
  - Wood
    - EF0
    - SW of Yantis
  - Fannin
    - EF0
    - NW of Leonard

---

**Washington - 9 Counties of 39 counties**

**Social Media**
- Twitter: [https://twitter.com/waEMD](https://twitter.com/waEMD)
- Facebook: [https://www.facebook.com/WashEMD](https://www.facebook.com/WashEMD)
- Website: [https://mil.wa.gov/emergency-management-division](https://mil.wa.gov/emergency-management-division)

**General Summary**
For year to date in 2019, NOAA reports 2 severe weather reports, one hail and one wind report.

USGS Flood [Map](https://www.spc.noaa.gov/climo/online/monthly/states.php?month=00&year=2019&state=WA)

**Tornado Summary**

**Mar 4 (Dec 10 - Dec 24)**
- Severe Winter Storms, Straight-line Winds, Flooding, Landslides, Mudslides
  - FEMA DR-4418 Declared on Sunday, March 3, 2019
  - Map: [https://gis.fema.gov/maps/dec_4418.pdf](https://gis.fema.gov/maps/dec_4418.pdf)
  - Counties: Clallam, Grays Harbor, Island, Jefferson, Mason, Pacific, Snohomish, Whatcom

---

Response and Recovery efforts

The information provided in this section does not reflect all disaster response activities for the events listed in this report, but is a high level summary of a few of the national response organizations activities.

- **CrisisCleanup**
  - OK (Jun 11) Home Cleanup Hotline for OK storms, tornadoes and floods is extended through June 21, 2019 [source](#)
  - OH (Jun 11) Home Cleanup Hotline for OH tornadoes extended through Jun 21 [source](#)
  - LA (May 4) Home Cleanup Hotline for Rustin, Louisiana was open until May 17, 2019 [source](#)
  - IA, NE (Apr 25) Home Cleanup Hotline for IA, NE flooding was open until May 3 [source](#)

- **Convoy of Hope - (Jun 6, 2019)** Since May 23, Convoy of Hope’s Disaster Services team has served 50 communities across five states (AR, OK, MO, OH, KS). These communities have either been affected by tornadoes or flooding. Some have even had their water systems compromised due to extreme flooding. A Convoy of Hope team is currently deployed to Dayton, Ohio, where they are managing and distributing resources to areas damaged by a tornado. In addition, we are still sending loads to locations in Arkansas and Missouri to assist with flooding. [source](#)

- **All Hands and Hearts - (Jun 10, 2019)** Supporting Muck-out in Oklahoma (OK) [source](#)

- **ITDRC (Jun 6, 2019)** Deployed and providing assistance to impacted communities [map](#)

- **Team Rubicon**
  - WI (Mar 21, 2019) Deployed to WI after flooding [source](#)
  - NE (Mar 30, 2019) Deployed to NE after flooding [source](#)

- **Operation BBQ Relief**
  - KS (Jun 1, 2019) Linwood, KS - Provided 2,000 meals after tornado (KS) [source](#)
  - OH (May 30, 2019) Dayton, OH - Provided 15,172 meals over 6 days [source](#)
  - TX (Apr 13, 2019) Franklin, TX - Provided 1,960 meals over 3 days [source](#)

- **Presbytery Disaster Assistance**
  - MO, IA, NE, KS - National response teams have been deployed [source](#)

- **Salvation Army**
  - OH (Jun 7, 2019) Dayton Ohio Resource Center launched [source](#)
  - AR, OK (Jun 6, 2019) Canteen service deployed after flooding [source](#)

- **Southern Baptists**
  - OH (May 30, 2019) 40 volunteers deployed following tornadoes [source](#)
  - MO (May 28, 2019) Jefferson City - tree and debris removal [source](#)
  - NE, IA (May 2, 2019) Deployed and working 1,400 mudout requests [source](#)
Special Needs and vulnerable populations

- Iowa: About 80 people with intellectual disabilities were transferred Tuesday from the Glenwood Resource Center in western Iowa to a similar institution 150 miles away, in Boone County. The Glenwood Resource Center, along with the rest of the town of Glenwood, is facing a drastic water shortage because Missouri River floodwaters inundated the town's treatment plant. source

- Iowa: In March, the Governor of Iowa reported that about 80 people with intellectual disabilities were transferred from the Glenwood Resource Center in western Iowa to a similar institution 150 miles away, in Boone County. The Glenwood Resource Center, along with the rest of the town of Glenwood, is facing a drastic water shortage because Missouri River floodwaters inundated the town's treatment plant. Source

- Alabama: Home for disabled in Huntsville, AL is fighting flooding and mold remediation https://whnt.com/2019/03/01/home-for-disabled-in-huntsville-damaged-by-flooding/

Maps and Reports

- Open Shelters Map
- NWS Spring Flood Map. See Appendix Page 42
- NOAA Annual Severe Weather Map See Appendix Page 41

Volunteers Reporting

Chris, Cat, Crystal, Alice
 Appendix

Annual Severe Weather Report Summary
2019

[RETURN TO OVERVIEW PAGE]

* Data is preliminary and subject to revision

<table>
<thead>
<tr>
<th>All Reports</th>
<th>Tornadoes</th>
<th>Wind Damage</th>
<th>Large Hail</th>
</tr>
</thead>
</table>

Tornado Reports
January 01, 2019 - June 08, 2019

NOAA/Storm Prediction Center Norman, Oklahoma

Updated: Saturday June 08, 2019 16:14 CT
2019 U.S. Spring Flood Outlook

Issued: March 21, 2019
This U.S. map depicts locations where minor, moderate or major flooding is likely (>50% chance) during March – May 2019.

Flood Category
- Major
- Moderate
- Minor