STATE WATCHES, WARNINGS, & ADVISORIES

Current Watches, Warnings, and Advisories

Legend:
- Green Arrow: Flood Warning
- Purple Rectangle: Dense Fog Advisory

Graphic Created
March 11th, 2020
7:34 AM CDT
### Hazardous Weather Outlook (Today)

- Thunderstorms will diminish this morning across south-central Missouri. Lightning will be the primary hazard with small hail also possible with a few storms. There is a small chance for thunderstorm re-development late tonight. No severe storms are expected tonight with lightning and small hail being the main potential hazards.
- Fog is expected to develop late tonight and persist into early Thursday morning across south-central Missouri. Locally dense fog is possible.
- Chance of thunderstorms through Noon across portions of southeast Missouri. No severe weather is expected.

### Days Two Through Seven

- Showers and thunderstorms will likely develop and spread east across portions of the Missouri Ozarks Thursday morning. Lightning and small hail will be the main potential hazards with these storms. Additional thunderstorms are then expected to develop Thursday afternoon and early evening as a cold front moves southeast across the outlook area. A few strong to severe storms are possible, especially southeast of the Interstate 44 corridor. Large hail and damaging winds will be the primary potential severe weather hazards. There is also a limited tornado potential mainly near and east of the Highway 63 corridor. Additional chances for rain and thunderstorms will occur Friday night into Saturday and again early next week. There may be an increasing flooding risk as we get into next week if the region sees repeated rainfall.
- Chance of thunderstorms Thursday afternoon and evening for portions of eastern and central Missouri. Scattered strong to severe storms are possible, mainly along and south of I-70. The main threats will be large hail, damaging winds and isolated tornadoes. A brief wintry mix of rain and snow is possible late Friday night through early Saturday morning across portions of northeast Missouri. It is too early to determine any snowfall amounts.

### Current Watches, Warnings & Advisories in Effect:

- Flood warning for multiple counties in Missouri.
Coronavirus Disease 2019 (COVID-19) Outbreak – Updated March 3

The following was taken directly (with minor edits) from Centers for Disease Control and Prevention (CDC) and World Health Organization (WHO) sources, and is current as of March 3. New information is in bold text.

- An outbreak of coronavirus disease 2019 (COVID-19), caused by a novel coronavirus (SARS-CoV-2), began in China in December 2019. The outbreak has now spread to multiple other countries, some of which are experiencing sustained (ongoing) person-to-person spread in the community. The current global situation as of March 3 is summarized in the figure on the right.

- In the U.S. as of March 3, a total of 60 confirmed and presumptive COVID-19 cases* have been reported from 12 states (AZ, CA, FL, GA, IL, MA, NH, NY, OR, RI, WA, WI). Six of these individuals have died. See more information in the table below.

- Recently in the U.S., several instances of infection with SARS-CoV-2 have occurred in people in multiple states with no travel history and no known source of exposure. These situations are potentially indicative of community spread of the virus. CDC states that this has raised the level of concern about the immediate threat for COVID-19 for certain communities.

*These numbers do not include people who returned to the U.S. via State Department-chartered flights.

WHO: Total and New Cases in the Last 24 Hours, March 3, 2020

Globally: 90,870 confirmed (1,922 new)
China: 80,304 confirmed (130 new), 2,946 deaths (31 new)
Outside of China: 10,566 confirmed (1,792 new), 72 countries (8 new), 166 deaths (37 new)

WHO. COVID-19 Situation Report #43.
COVID-19: Confirmed and Presumptive Positive Cases Detected in the U.S. and Reported to CDC as of March 3, 2020*†

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
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<tbody>
<tr>
<td>Travel-related</td>
<td>22</td>
</tr>
<tr>
<td>Person-to-person spread</td>
<td>11</td>
</tr>
<tr>
<td>Under Investigation</td>
<td>27</td>
</tr>
<tr>
<td>Total cases</td>
<td>60</td>
</tr>
</tbody>
</table>

*These data represent cases detected and tested in the U.S. through public health surveillance systems since January 21, 2020. This includes both confirmed and presumptive positive cases reported to CDC. It does not include people who returned to the U.S. via State Department-chartered flights.

†CDC is no longer reporting the number of persons under investigation (PUIs) that have been tested, as well as PUIs that have tested negative. Now that states are testing and reporting their own results, CDC’s numbers are not representative of all testing being done nationwide.

**Coronavirus Disease 2019 (COVID-19) Outbreak – Updated March 3**

- Public health officials have been stating that there will be community spread of SARS-CoV-2 in the U.S., although it is not known how many people in this country will have severe illness.

- CDC believes the current risk to Americans for COVID-19 is low, but everyone should be prepared for the possibility that a COVID-19 outbreak might occur in their community in the future. Certainly more COVID-19 cases will be identified in the coming days, along with more person-to-person spread.

- If widespread transmission of SARS-CoV-2 occurs in the U.S., the following may be seen:
  - Large numbers of people would need medical care at the same time.
  - Schools, childcare centers, and workplaces would experience more absenteeism.

**COVID-19: Confirmed and Presumptive Positive Cases Detected in the U.S. and Reported to CDC as of March 3, 2020**

- Travel-related cases: 22
- Person-to-person spread cases: 11
- Under Investigation cases: 27
- Total cases: 60

*These data represent cases detected and tested in the U.S. through public health surveillance systems since January 21, 2020. This includes both confirmed and presumptive positive cases reported to CDC. It does not include people who returned to the U.S. via State Department-chartered flights.

†CDC is no longer reporting the number of persons under investigation (PUIs) that have been tested, as well as PUIs that have tested negative. Now that states are testing and reporting their own results, CDC’s numbers are not representative of all testing being done nationwide.

**CDC. Coronavirus Disease 2019: Cases in the U.S. (March 3, 2020).**
Coronavirus Disease 2019 (COVID-19) Outbreak – Updated March 3

- Public health and healthcare systems would becoming overloaded, with elevated rates of hospitalizations and deaths. Health care providers and hospitals might be overwhelmed.
- Other critical infrastructure, such as law enforcement, emergency medical services, and the transportation industry would also be affected.

• The response to widespread, sustained transmission in communities would include use of community mitigation measures and other nonpharmaceutical interventions (NPIs) to slow the spread of infection.
  - Basic infection control and prevention precautions (which everyone should be using at all times), including staying home when ill and practicing respiratory and hand hygiene, would become increasingly important.
  - In the absence of a vaccine, community mitigation measures would be the primary means of response.
    - Community-level NPIs might include school dismissals and social distancing in other settings (e.g., postponement or cancellation of mass gatherings, and telework and remote-meeting options in workplaces).
    - These measures can be disruptive and might have societal and economic impact on individual persons and communities. However, they could also be crucial to averting widespread SARS-CoV-2 transmission in U.S. communities.
Coronavirus Disease 2019 (COVID-19) Outbreak – Updated March 3

- Person-to-person transmission is thought to most often happen among people in close contact (about 6 feet) with each other. Such spread is believed to occur mainly through respiratory droplets produced when an infected person coughs or sneezes, similar to how influenza and other respiratory pathogens spread. These droplets can land in the mouths or noses of people nearby, or possibly be inhaled.

- It may be possible that a person can become infected by touching a surface or object that has the virus on it and then touching their own mouth, nose, or possibly their eyes, but this is not thought to be the main way the virus spreads.

- Typically, with most respiratory viruses, people are believed to be most contagious when they are most symptomatic (sickest). While it is possible that some spread of SARS-CoV-2 might occur before an infected person shows symptoms, this is not thought to be the main way the virus spreads.

- CDC believes mother-to-child transmission during pregnancy is unlikely, but after birth a newborn is susceptible to person-to-person spread.
Coronavirus Disease 2019 (COVID-19) Outbreak – Updated March 3

- To date, CDC does not have any evidence to suggest that animals imported from China pose a risk for spreading SARS-CoV-2 in the U.S.
- Currently there is no evidence to support transmission of this new coronavirus through contact with imported goods.
- At this time, there is no data to suggest that SARS-CoV-2 is spread by mosquitoes.

For more information and guidance on SARS-CoV-2 and COVID-19, go to:

CDC’s Coronavirus Disease 2019 (COVID-19) website

DHSS’ COVID-19 Outbreak website
https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus/

Sources: Coronavirus Disease 2019 (COVID-19) (CDC)

Coronavirus disease (COVID-19) Situation Reports (WHO)
https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports/

CDC Weekly Key Messages: Coronavirus Disease 2019 (COVID-19) Outbreak – March 1, 2020
6:30 AM Radar Update: Strong to locally severe thunderstorms will continue to push southeast across the Missouri Ozarks this morning. Monitor for possible warnings! Note that lightning is occurring well behind the initial line of storms. When thunder roars, go indoors!

Showers early this morning, thunderstorms well south of Metro. More showers and thunderstorms Thursday, strong storms central MO. Colder Saturday AM, rain/snow north of Missouri River.
Severe thunderstorms are possible Thursday afternoon and evening across southeast MO and southwest IL. The primary threats will be large hail, damaging winds, and isolated tornadoes.

730 AM UPDATE: A complex of showers and storms continues to slide southeast into the area. It will continue to impact southeast MO and parts of southern IL and eventually far west over the next few hours. Locally heavy rainfall, lightning and possibly some small hail may be possible.
Cloudy skies will be common through much of the morning, with partial clearing gradually working its way west to east across the area late this morning and through the afternoon. Rain is expected across the area on Thursday.

Parts of the Mid-South have been upgraded to a slight risk for tomorrow. The main hazard will be damaging winds.
## ELECTRIC COOPERATIVE OUTAGES

As of 08:17 hours 3/11/2020

<table>
<thead>
<tr>
<th>System</th>
<th>Outages</th>
<th>System</th>
<th>Outages</th>
<th>System</th>
<th>Outages</th>
<th>System</th>
<th>Outages</th>
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<tbody>
<tr>
<td>Atchison-Holt</td>
<td>Crawford</td>
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<td>Macon</td>
<td>Sac Osage</td>
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<tr>
<td>Barry</td>
<td>Cuivre River</td>
<td>Missouri Rural</td>
<td>Se-Ma-No</td>
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<tr>
<td>Barton Co</td>
<td>Farmers</td>
<td>N Central Mo</td>
<td>SEMO</td>
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<tr>
<td>Black River</td>
<td>Gascosage</td>
<td>New-Mac</td>
<td>Southwest</td>
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<tr>
<td>Boone</td>
<td>Grundy</td>
<td>Osage Valley</td>
<td>Three Rivers</td>
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<tr>
<td>Callaway</td>
<td>Howard</td>
<td>Ozark</td>
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<td>Tri County</td>
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<tr>
<td>Central MO</td>
<td>Howell-Oregon</td>
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<td>Ozark Border</td>
<td>United</td>
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<tr>
<td>Citizens</td>
<td>Intercounty</td>
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<td>Pemiscot-Dunklin</td>
<td>Webster</td>
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<tr>
<td>Co-Mo</td>
<td>Laclede</td>
<td>32</td>
<td>Platte-Clay</td>
<td>West Central</td>
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<tr>
<td>Consolidated</td>
<td>Lewis Co</td>
<td>Ralls Co</td>
<td>White River Valley</td>
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3/11/2020
# ELECTRIC SYSTEM OUTAGES

As of 08:57 hours 3/11/2020

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<th>System</th>
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<td>AmerenUE</td>
<td>8</td>
<td>1,214,218</td>
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<td><a href="https://outagemap.ameren.com/">https://outagemap.ameren.com/</a></td>
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<tr>
<td>City of Columbia</td>
<td>0</td>
<td>49,025</td>
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<tr>
<td><a href="http://outageviewer.gocolumbiamo.com">http://outageviewer.gocolumbiamo.com</a></td>
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<tr>
<td>Empire District</td>
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<tr>
<td>Greater KCMO Evergy</td>
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<td>904,490</td>
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<td><a href="https://outagemap.evergy.com/">https://outagemap.evergy.com/</a></td>
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<tr>
<td>City of Springfield</td>
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<td>104,141</td>
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<tr>
<td><a href="https://www.cityutilities.net/outage/map-status/">https://www.cityutilities.net/outage/map-status/</a></td>
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</tr>
</tbody>
</table>
Most Recent Flood Details:

- There are no flood gauges at moderate or major flooding.
FLOODING FORCAST – 10 DAY

Most Recent Flood Details:
• There are no flood gauges forecasted to reach moderate or major flooding.

Current warnings can be viewed at: https://alerts.weather.gov/cap/mo.php?x=1
### MISSOURI RECENT EARTHQUAKES 02/11/20 - 3/11/20

<table>
<thead>
<tr>
<th>Magnitude</th>
<th>Date/Time</th>
<th>Location</th>
<th>Depth (km)</th>
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<tbody>
<tr>
<td>1.6</td>
<td>2020-03-09 23:53:56 (UTC)</td>
<td>5km NE of Ridgely, Tennessee</td>
<td>3.4 km</td>
</tr>
<tr>
<td>2.2</td>
<td>2020-03-07 18:00:02 (UTC)</td>
<td>19km SSE of Alton, Missouri</td>
<td>2.9 km</td>
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<tr>
<td>1.5</td>
<td>2020-03-07 06:30:32 (UTC)</td>
<td>2km SW of Tiptonville, Tennessee</td>
<td>3.5 km</td>
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<tr>
<td>1.5</td>
<td>2020-03-07 03:12:33 (UTC)</td>
<td>5km SW of Tiptonville, Tennessee</td>
<td>8.2 km</td>
</tr>
<tr>
<td>2.0</td>
<td>2020-03-06 21:01:10 (UTC)</td>
<td>3km SW of Lilebourn, Missouri</td>
<td>8.5 km</td>
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<tr>
<td>2.0</td>
<td>2020-03-05 08:26:24 (UTC)</td>
<td>17km NNW of Bull Shoals, Arkansas</td>
<td>10.5 km</td>
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<tr>
<td>1.4</td>
<td>2020-03-05 04:22:02 (UTC)</td>
<td>5km SSW of Lilebourn, Missouri</td>
<td>7.6 km</td>
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<tr>
<td>1.1</td>
<td>2020-03-04 19:39:05 (UTC)</td>
<td>5km SSW of Lilebourn, Missouri</td>
<td>7.5 km</td>
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</table>
### MISSOURI TASK FORCE 1 (MO-TF1) URBAN SEARCH & RESCUE RESOURCE AVAILABILITY

#### Modular Response Capabilities
- **Rescue**
  - Structural Collapse
  - Technical Rescue (Ex: Trench, Rope, Confined Space)
- **Wide Area Search**
- **Water Rescue**
  - Swift Water
  - Floods & Moving Water
- **Canine Search (K-9)**
- **Hazardous Material**
- **Command Element**

<table>
<thead>
<tr>
<th>TASK FORCE Configuration</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type 1 (80 person task force/24 hr. Operational Capability)</td>
<td></td>
</tr>
<tr>
<td>Type 2 (80 person task force/24 hr. Operational Capability, minus CBRNE element)</td>
<td></td>
</tr>
<tr>
<td>Type 3 (40 person task force/12 hr. Operational Capability)</td>
<td></td>
</tr>
<tr>
<td>Type 4 (25 person task force/12 hr. Operational Capability)</td>
<td></td>
</tr>
</tbody>
</table>

- **Fully Mission Capable**
- **Partially Mission Capable**
- **Not Mission Capable**

- Single or Other Resource also available upon request
  Ex: Incident Management Personnel, Plans Section Chief, Ops Section Chief, Logistics Section Chief, etc.
MO DISASTER MEDICAL ASSISTANCE TEAM 1 (MO DMAT-1)
MO MORTUARY OPERATIONS RESPONSE TEAM 1 (MO MORT-1)
RESOURCE AVAILABILITY

MO Disaster Medical Assistance Team 1 (MO DMAT 1)

**Medical Response**
- Field Hospital – 6 and 24 bed capability
- Medical Strike Teams
- Augment Hospital Staffing

**Logistics Support**
- Medical Supplies
- Setup of DMAT Cache
- Mobile Communications

**Command Element**

<table>
<thead>
<tr>
<th>MO DMAT 1</th>
<th>Status</th>
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<tbody>
<tr>
<td>Six bed ER 12 person/24 hours/3 days</td>
<td>Fully Mission Capable</td>
</tr>
<tr>
<td>Type II team 35 person/24 hours</td>
<td>Fully Mission Capable</td>
</tr>
</tbody>
</table>

MO Mortuary Operations Response Team (MO MORT 1)

**Mortuary Response**
- Full Disaster Portable Morgue (DPMU)
- Fatality Strike Team for Local Coroner Support
- Victim Identification Center (VIC)

<table>
<thead>
<tr>
<th>MO MORT 1</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type II team 80 members/12 hour</td>
<td>Fully Mission Capable</td>
</tr>
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</table>

3/11/2020