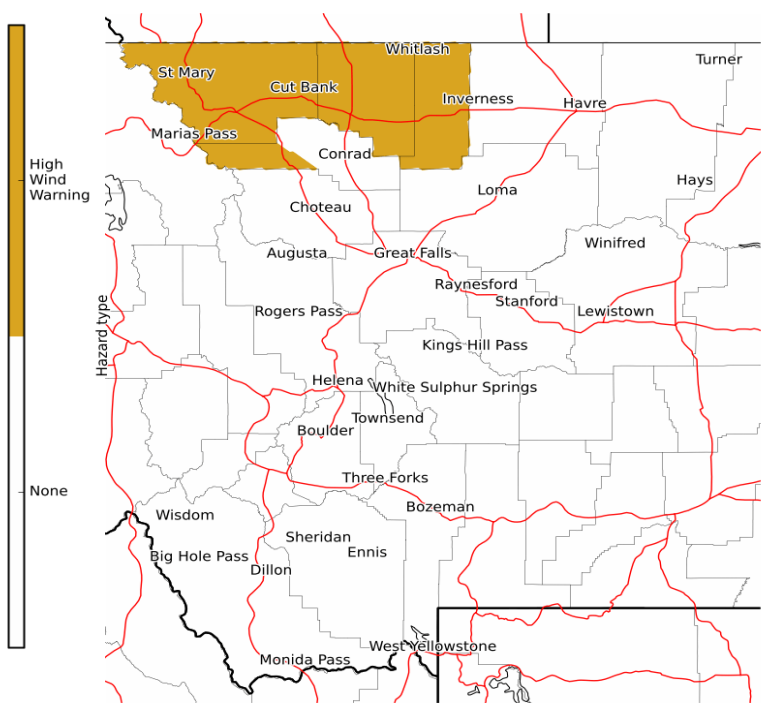


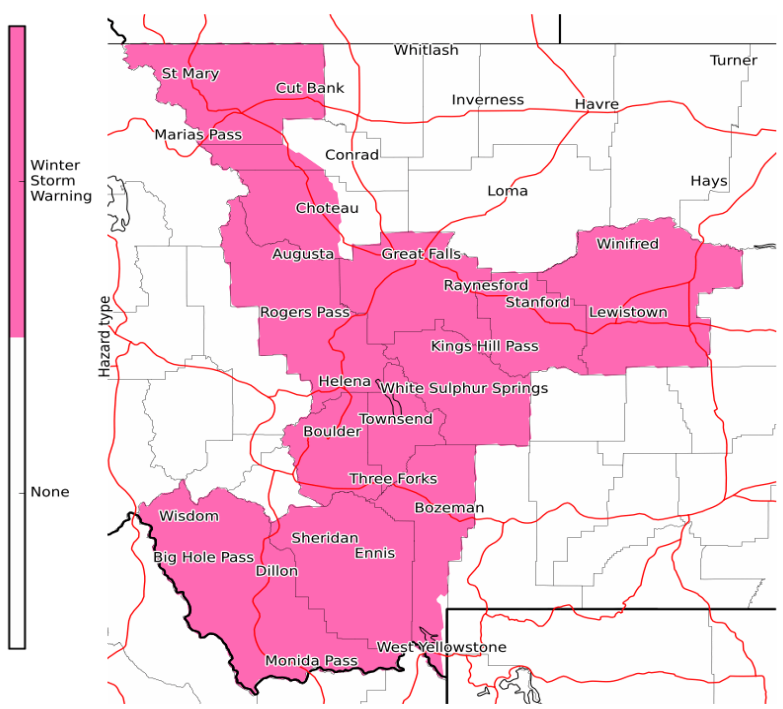


## 2<sup>nd</sup> Fall Storm of the Season Early This Week

**Watch, Warning and Advisory**  
Valid: Monday thru Monday night



**Watch, Warning and Advisory**  
Valid: Tuesday thru Wednesday night



### Message of the Day:



On Tuesday, a strong Canadian cold front will move southward through the region, ushering in much colder temperatures along with rain changing to snow. Accumulating snow is likely in many areas by Tuesday night, along with icy roads developing, as air temperatures fall below freezing.

### Important Forecast Changes:

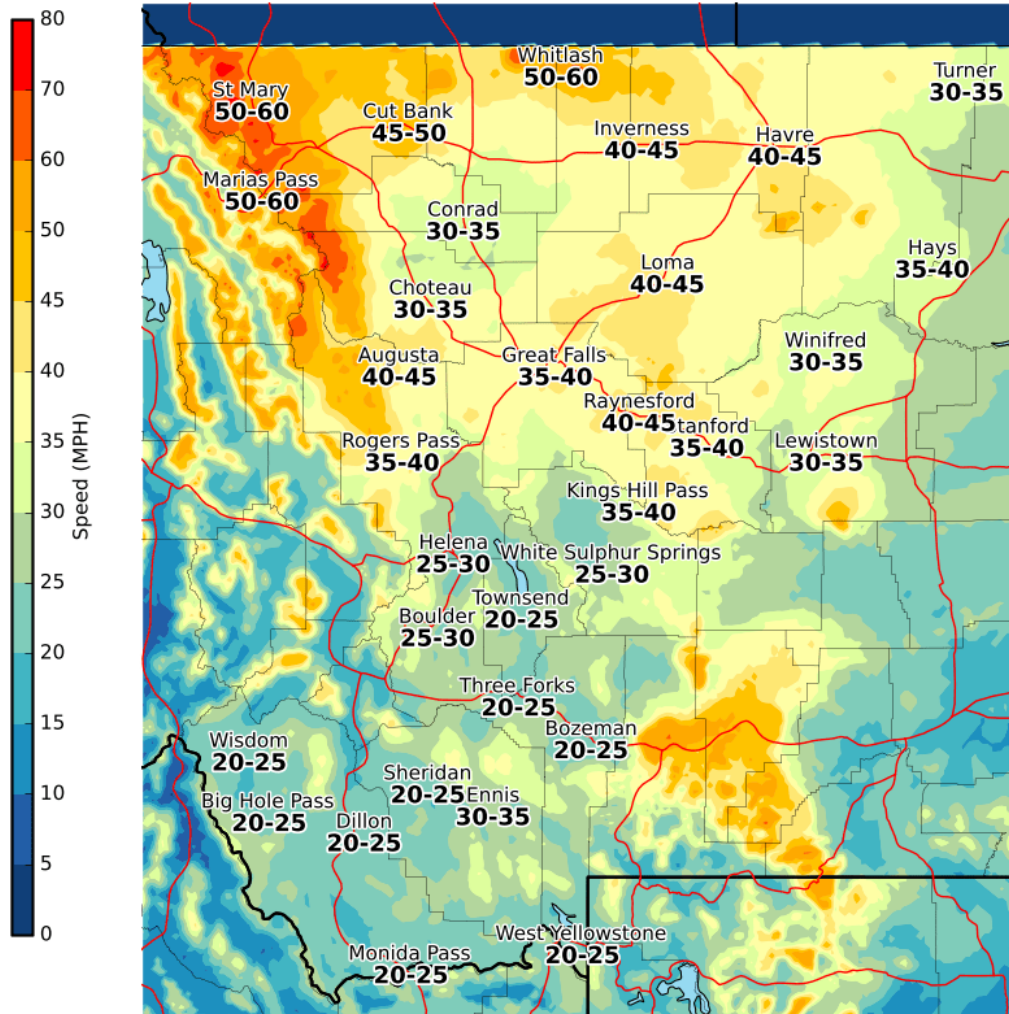
Everything is on track for a strong cold front to move through the region on Tuesday. Strong winds are still possible overnight in the Browning, Cut Bank and Sweet Grass areas ahead of the cold front. The cold front is likely to move southward through North Central MT on Tuesday morning. Expect quickly falling temperatures into the 20s and 30s, with any rain changing to snow.



## Windy Monday into Tuesday

### Wind Gusts

Valid: Today and Tonight



## Main Points

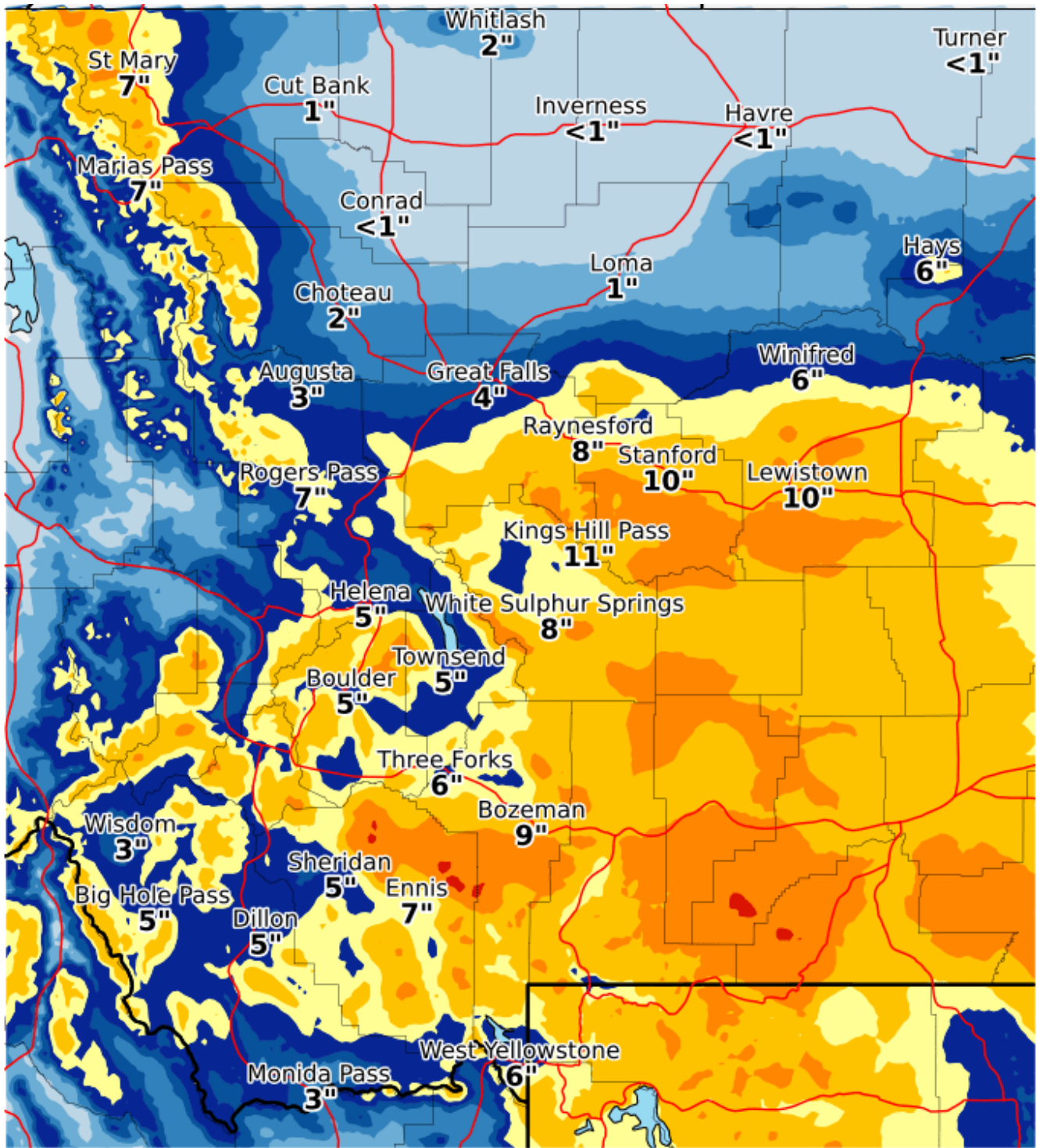
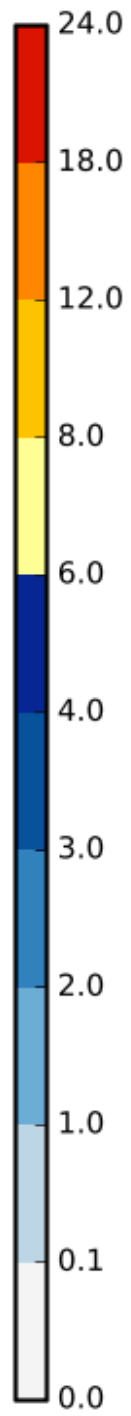
- Strong winds are still possible through the night near the Rocky Mountain Front and along the Highway 2 corridor from Browning to Chester.



## Winter Weather to Return To Montana

### Storm Total Snow

Valid: Tuesday Morning thru Wednesday Night

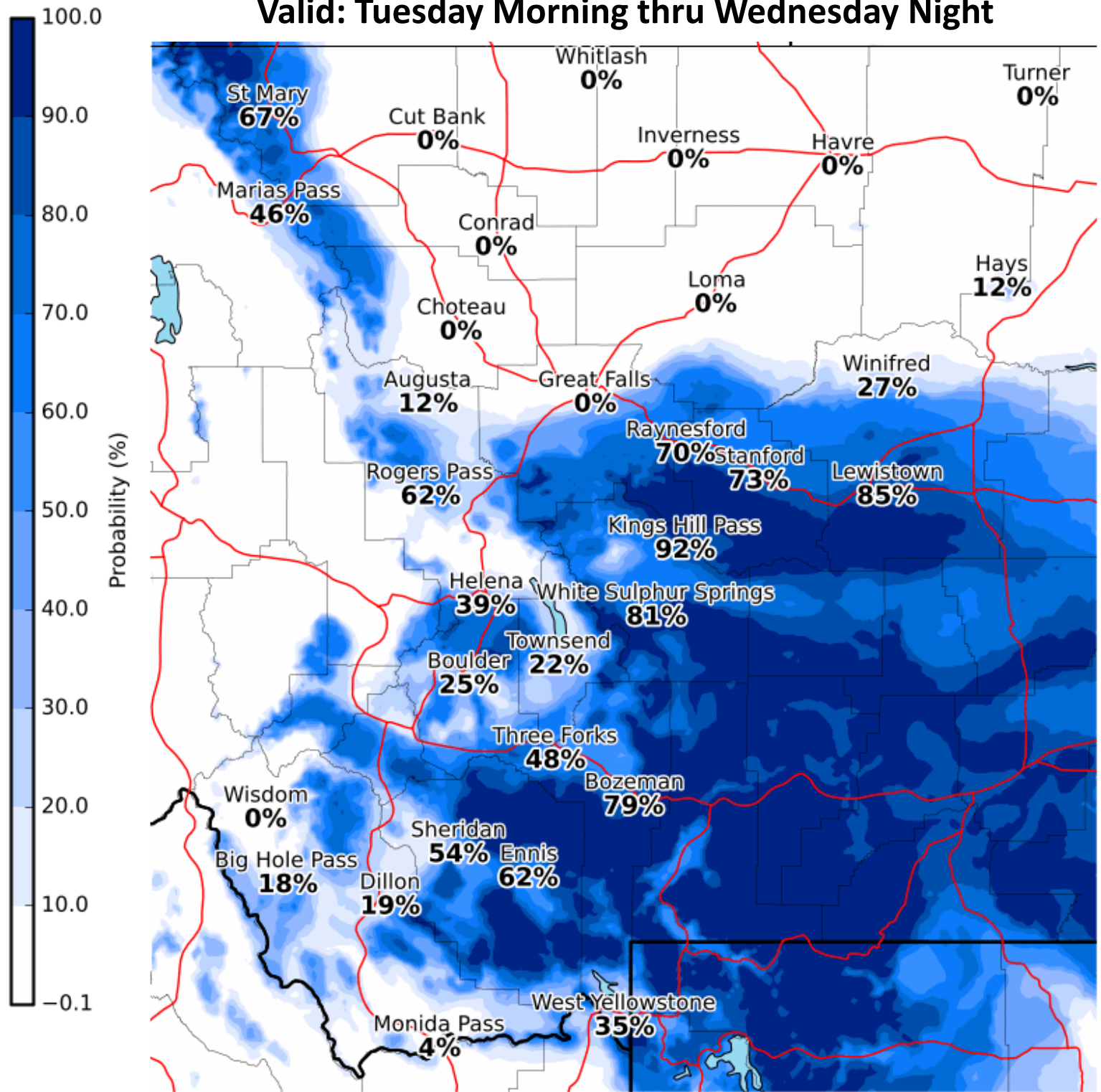






## Winter Weather to Return To Montana

### Probability of 6 inches or more of Snow Valid: Tuesday Morning thru Wednesday Night

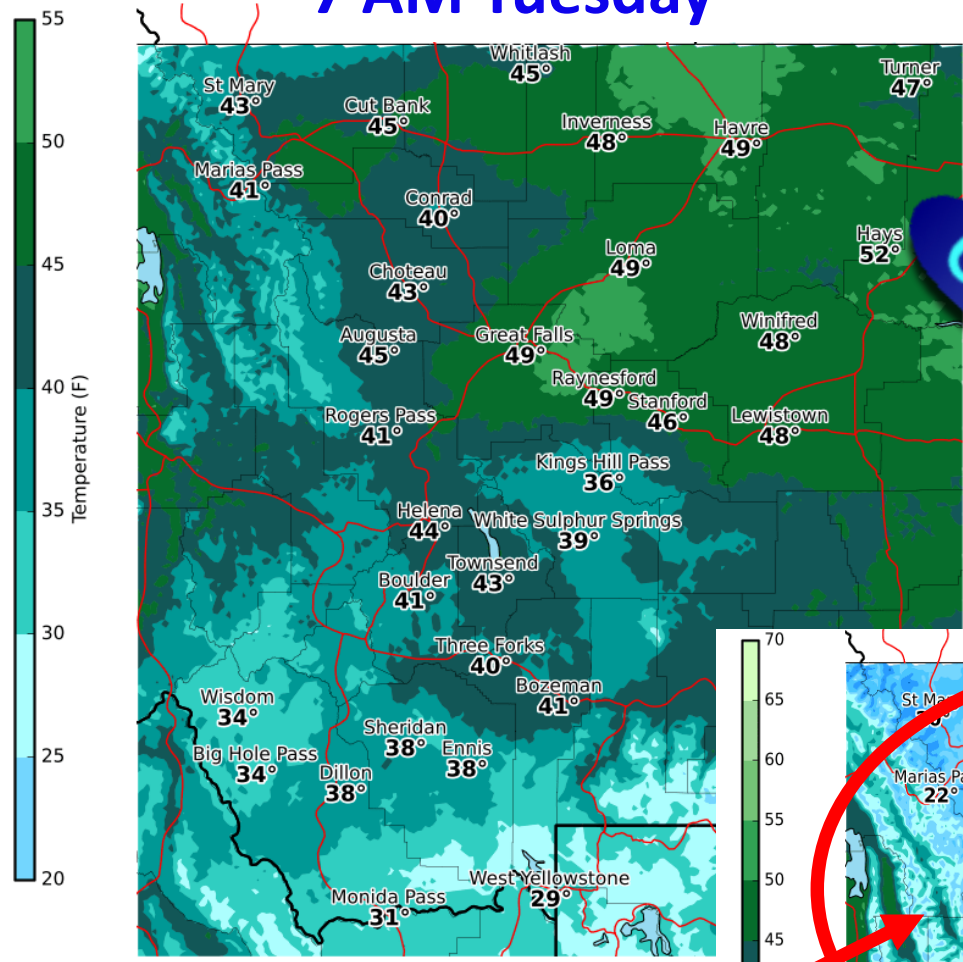




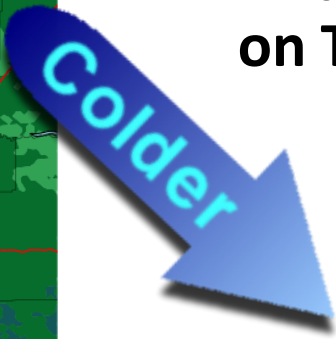
## Temperatures will fall during the day Tuesday

These images show the temperature change from Tuesday Morning to Tuesday Evening

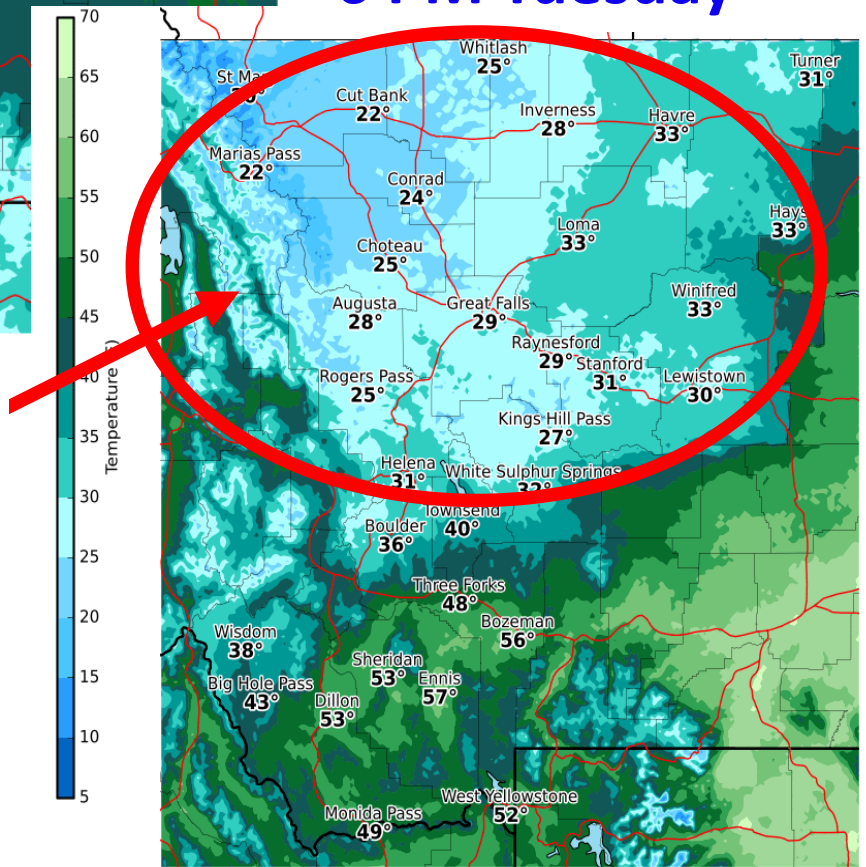
### 7 AM Tuesday



Quickly falling temperatures on Tuesday.



### 6 PM Tuesday



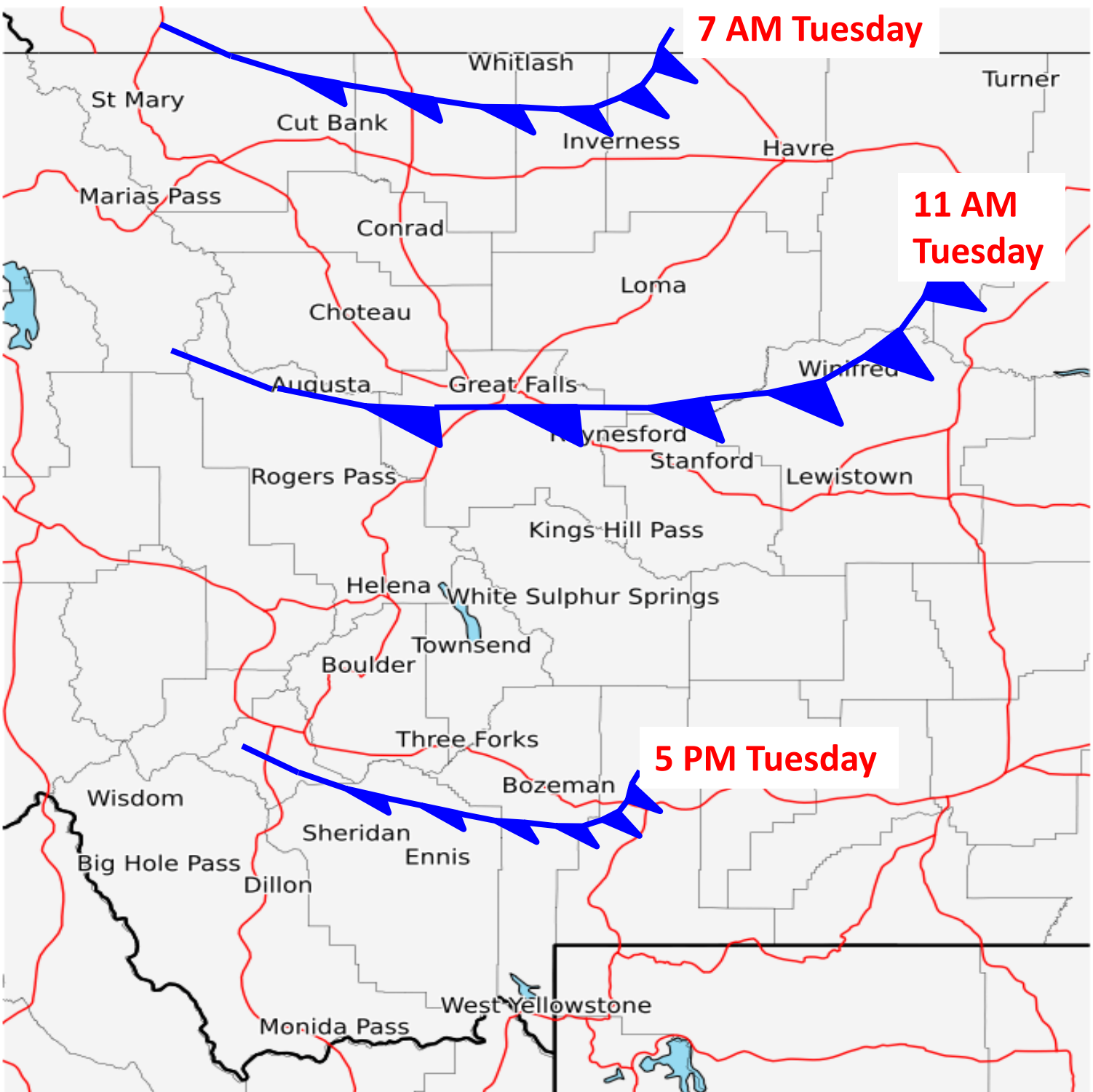
Temperatures falling through the day over North Central MT.





## Timing of the Cold Front

**Estimated Cold Front Arrival Time**  
**Valid: Tuesday**

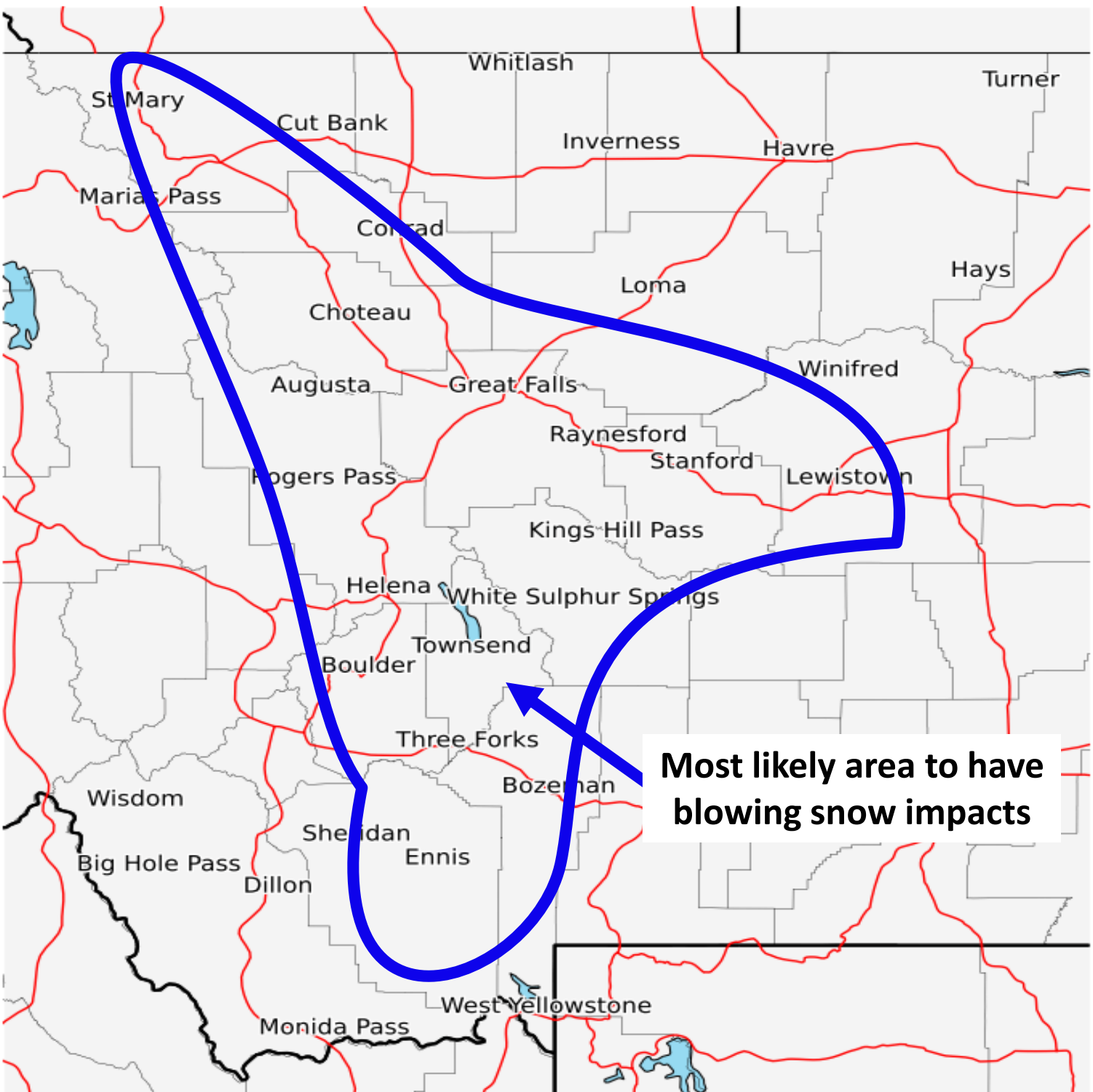






## Blowing Snow and Poor Visibility

This map shows the potential area where blowing snow could cause areas of poor visibility

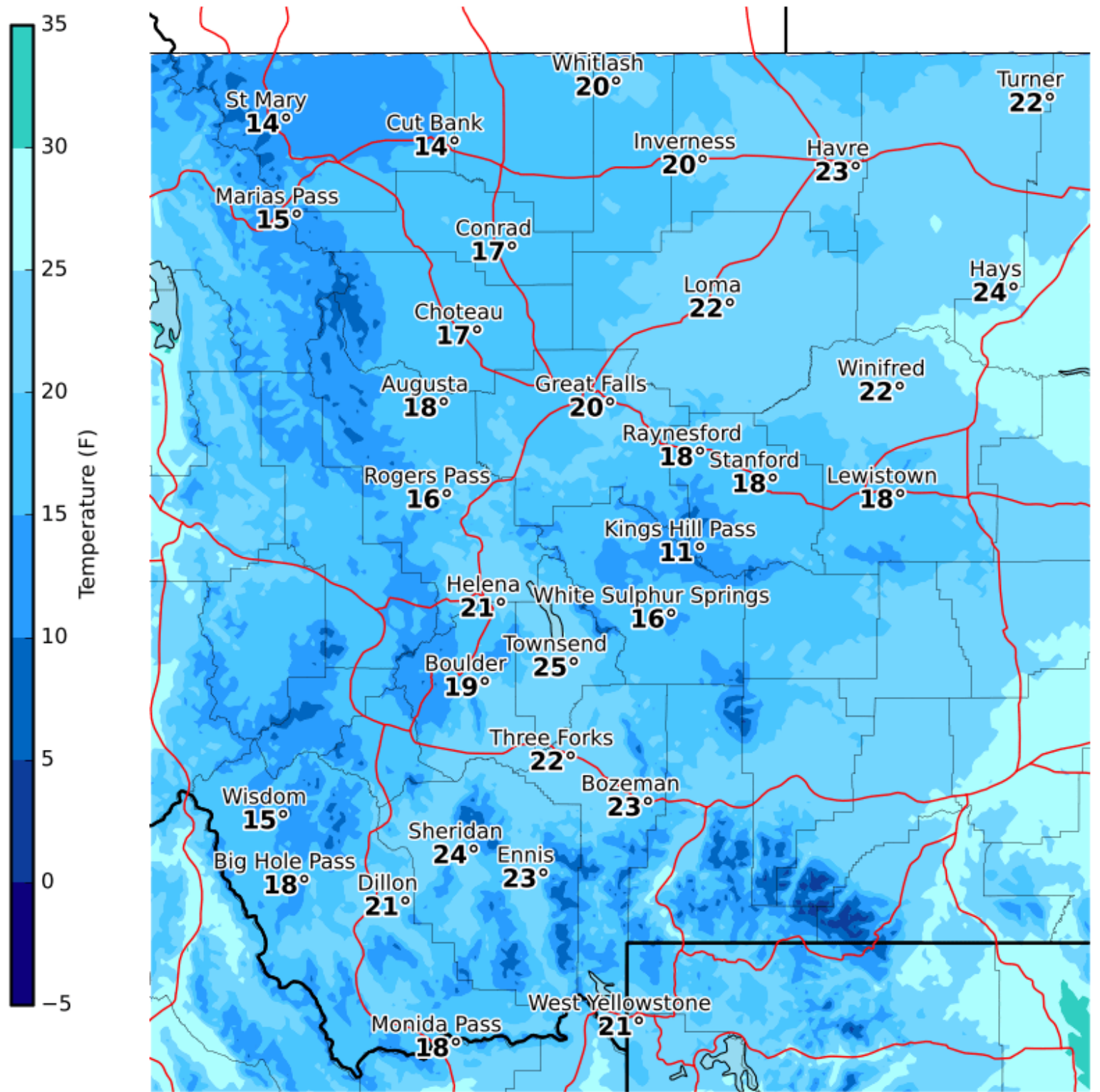




## Cold Temperatures by Wednesday Morning

### Morning Lows

Valid: Low Temperature Wednesday Mornnig



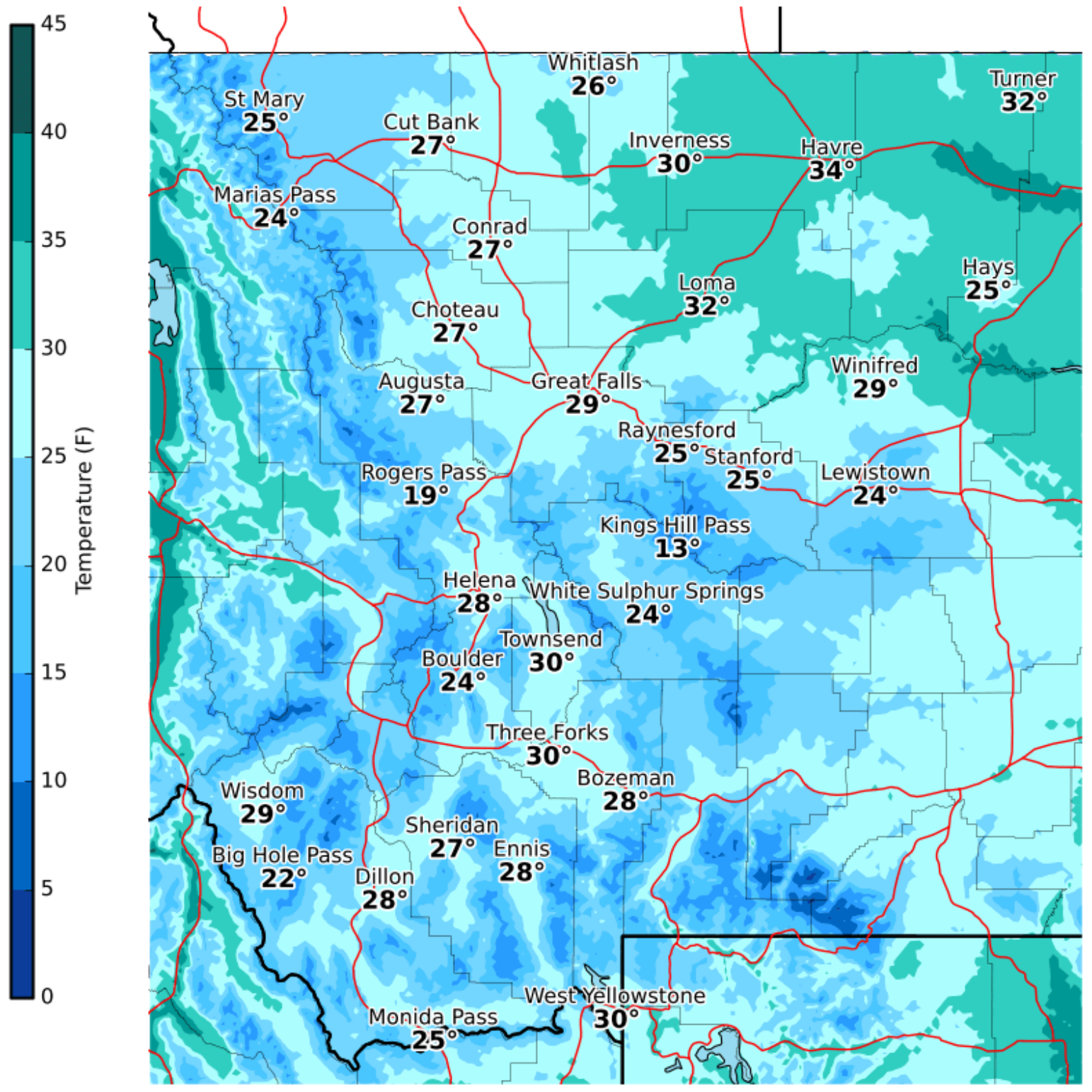




## Much Colder on Wednesday Afternoon

### Afternoon Highs

Valid: High Temperature Wednesday

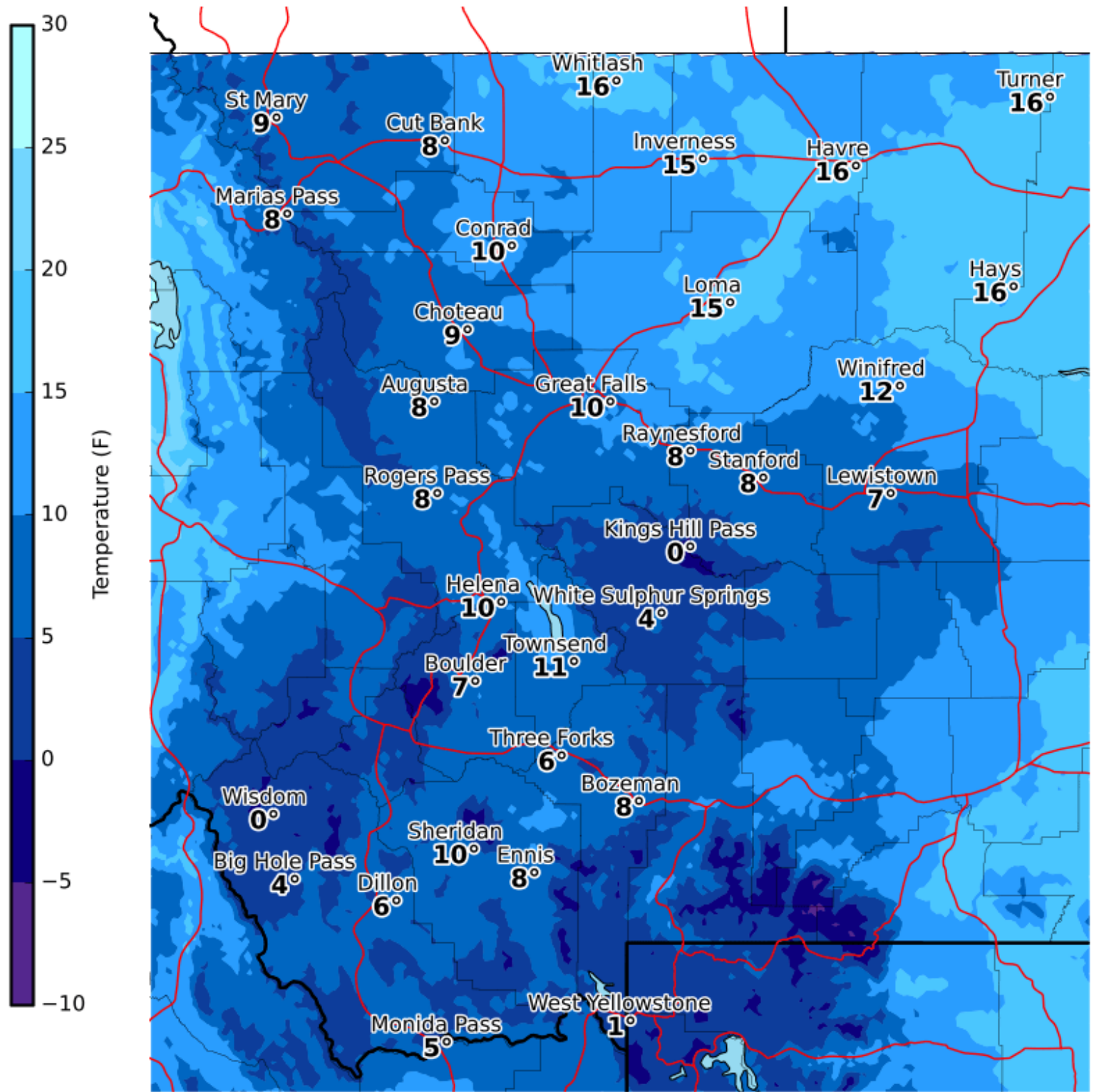




## Even Colder Thursday Morning

### Morning Lows

Valid: Low Temperature Thursday Mornnig







## Some Safety Tips for the Cold

Below are some safety tips on how to dress for the cold conditions expected.

**DRESSING FOR COLD WEATHER**

**CHILLY**

adding layers will help keep you warm as the temperature drops

- 1-2 layers
- long layer
- outer layer to keep out wind, rain
- warm shoes water proof

**COLD**

- 2-3 layers
- gloves
- warm hat
- outer layer to keep out wind, wet snow
- boots water proof
- 1-2 layers

**EXTREME COLD**

- 3+ layers 1 insulating
- gloves
- warm hat
- face mask
- outer layer to keep out wind
- boots water proof
- 2+ layers

NOAA  
weather.gov/safety

**Make sure to dress the kids warm later this week. You will need full winter gear, which includes the hat, gloves, scarf, winter coats and boots in some areas.**

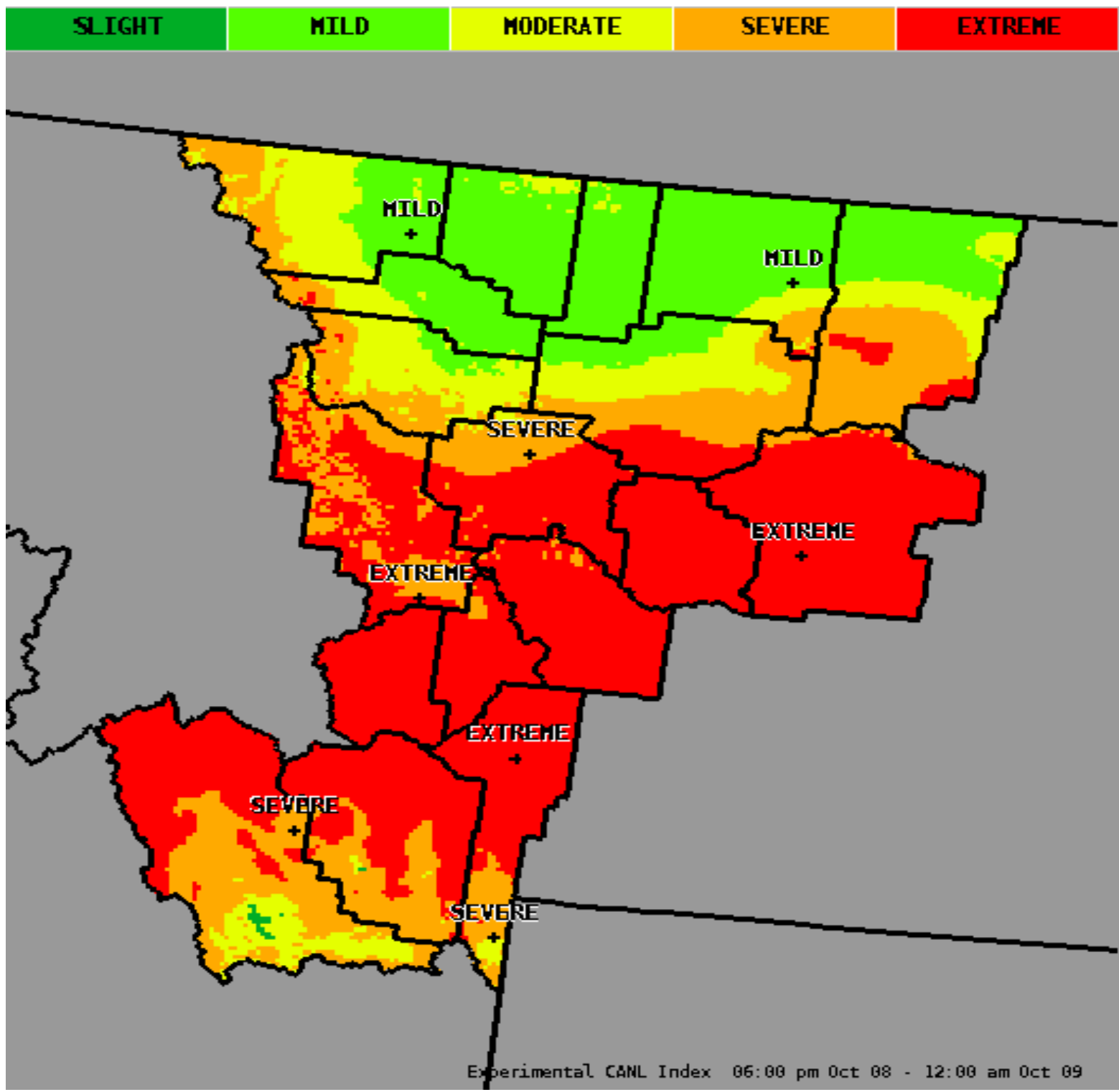






## Livestock Impacts Possible

This is the Cold Advisory for Newborn Livestock  
Valid: Early Tuesday Evening



Additional CANL forecasts at: <https://www.wrh.noaa.gov/tfx/canl/forecasts.php?wfo=txf>



## Tuesday thru Wednesday Key Points



**Hazards:** A Canadian front will move southward through the region on Tuesday, resulting in falling temperatures, poor driving visibility, icy roads and accumulating snow.



**Areas Impacted:** All of North Central and Southwest MT will be impacted by some rain or snow and then colder temperatures by Wednesday.



**Timing & Duration:** The cold front will arrive near the US / Canadian border early Tuesday morning, and then moves southward into the Great Falls/Lewistown areas by Noon, arriving in Helena/Bozeman areas during the afternoon and early evening hours. The snow will end Wed. night, but the colder air will linger over the region until late in the week.



**Impacts:** Strong northerly winds will create very poor driving visibility for a few hours along the cold front. Expect accumulating snow in many areas, and icy roads will develop as temperatures fall below freezing. Wind chills will fall into the single digits Tuesday night.



**Historical Perspective:** We have had some snowy and cold conditions in the middle of October.



## Confidence

- **High** – For a transition from rain to snow and much colder conditions Tuesday into Wednesday.
- **Medium** – For total snow accumulations and the potential for widespread icy roadways. The strong winds behind the cold front, combined with falling snow could make for very difficult travel conditions because of blowing snow.

**Probabilistic Information At:**  
[www.weather.gov/tfx/winter](http://www.weather.gov/tfx/winter)

### Winter Weather Quick Facts and Preparedness:



#### *Quick facts you should know about winter weather:*

- Snow can occur at temperatures as high as 46 degrees if conditions are right.
- The record for most snowfall in the Lower 48 in a 24 hour period is 75.8" at Silver Lake, Colorado in 1921.
- Blizzard conditions are met when visibility in falling and blowing snow reaches ¼ mile or less and sustained wind speeds of 35 mph or greater occur for 3 hours or more.
- As little as 1/16" of ice can begin to impact roadways and sidewalks.
- As the wind increases, the body is cooled at a faster rate. The "wind chill" is a way for meteorologists to communicate what the combination of wind and temperature "feels like" to exposed skin.

#### **Preparedness:**

- A **Winter Storm Watch** is issued when conditions are favorable for significant winter weather and/or blizzard conditions. *Time to prepare!*
- A **Winter Storm Warning** is issued when a combination of heavy snow, blowing snow, and possibly ice mixed with snow is expected to impact the area. *Time to act!*
- A **Blizzard Warning** is issued when the combination of strong wind, low visibility, and heavy snow will significantly impact daily life.

Find out more information on our web page: [www.weather.gov/tfx/](http://www.weather.gov/tfx/)

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## Building a Weather-Ready Nation