



Republic of the Caldwyn  
**SCIENCE AND TECHNOLOGY DEPARTMENT**  
**Caldwyn Meteorological Research**  
**Institute for Advanced**  
**Weather Analysis (CMRIAWA)**  
Weather Division

WFS-09 Rev.2/10-27-2027

#### CURRENT HAZARD NO. 14

**Issued by:** Caldwyn Meteorological Research Institute for Advanced Weather Analysis (CMRIAWA) – NATIONAL  
**Date and Time:** 12:00 AM CST Wed Dec 11 2028

**Event: FLOOD WATCH**

/O.NEW.CMRIAWA.FW.A.0002.20281211T0000Z-20281211T1800Z/

**Areas Affected:**

Paoli (Spalding, Baldwin)  
Berne (Thomaston, Point)  
Greendale (Live Oak, Apalachicola, Chiefland, Clewiston)  
Knightstown (Palm Beach City, Marathon, Pinellas, Callaway, Hillsborough, Bristol, Palm Beach, Palatka, Okeechobee, Duval)  
Princeton (Clever)  
Batesville (Graceville, Orange, Jasper, Alachua, Monticello, High Springs, Williston, Gulf Port, Avon Park, Bushnell, Pahokee, Lake Butler, Trenton, Mayo, Dade, St. Marks, Havana, Rock Springs City)

**WHEN:** Until 6:00 PM, 11 December 2028

**WHAT:** Conditions favorable for widespread flooding, with expected rainfall totals of 50 to 100 mm, locally higher amounts possible. Saturated soil increasing runoff potential and possible rapid rises in river and streams.

**IMPACTS:**

- Potential flash flooding in poor drainage and urban areas
- Rising creek and river levels may lead to bank overflows
- Hazardous travel due to water-covered roads
- Possible disruptions to agriculture, school operations, and outdoor activities

**PRECAUTIONARY MEASURES:**

- Stay alert for sudden changes in water levels
- Monitor official advisories for possible upgrade to Flood Warning
- Prepare emergency kits and identify evacuation routes
- Avoid crossing rivers and streams during heavy rain

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**Event: FLOOD WARNING**

/O.EXA./

**Areas Affected:**

Batesville (Graceville, Wauchula, Jasper, Williston, Avon Park, Bushnell, Trenton, Mayo, Dade, Havana, Rock Springs City)

**\*\* THE FLOOD WARNING HAS EXPIRED AT 2:00 PM, 10 DECEMBER 2028\*\***

No further flooding risk is anticipated from this event

PREPARED BY: MJ

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Weather and Flood Forecasting Center  
Skywatch Tower, Harborview Bldg., Kensington Avenue,  
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**Event: BLIZZARD WATCH**

/O.EXT.CMRIAWA.FW.A.0004.20281211T0000Z-20281211T1400Z/

**Areas Affected:**

Nashville (Birmingham)

**WHEN:** Until 2:00 PM CST, 11 December 2028

**WHAT:** Conditions favorable for blizzard development, with potential for heavy snow of 7 to 14 inches accumulation possible. Strong winds of 65 to 85 km/h, higher gusts in exposed areas and near-zero visibility due to blowing and drifting snow.

**IMPACTS:**

- Travel may become dangerous or impossible, especially in open areas
- Whiteout conditions possible with sudden visibility drops
- Increased risk of road closures, stranded vehicles, and isolated communities
- Falling branches and minor structural damage due to strong winds

**PRECAUTIONARY MEASURES:**

- Prepare emergency kits and ensure vehicles are winter-ready
  - Avoid travel during the watch period if a warning is issued
  - Keep communication devices charged
  - Monitor forecasts as this may upgrade to a Blizzard Warning
- 

**Event: WINTER STORM WARNING**

/O.CON.CMRIAWA.FW.A.0004.20281211T0000Z-20281211T0400Z/

**Areas Affected:**

Nashville (Prattville, Bay Minette, Autugaville, Fairhope, Baldwin)  
Caldwell (Goodwater, Dothan)

**WHEN:** Until 4:00 AM CST, 11 December 2028

**WHAT:** Heavy snow with strong winds of 55 to 80 km/h. Accumulating snow of 7 to 14 inches expected

**IMPACTS:**

- Difficult travel, especially on elevated roads and bridges
- Risk of power outages due to snow-laden trees
- Slippery roads and reduced visibility

**PRECAUTIONARY MEASURES:**

- Limit travel if possible
- Keep emergency kits ready in vehicles
- Stay informed on road conditions

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**Event: WINTER STORM WATCH**

/O.EXT.CMRIAWA.FW.A.0004.20281211T0000Z-20281211T1800Z/

**Areas Affected:**

Cascade (Clayton, Barbour, Orange Beach, Eufaula, Gulf Shores)  
Caldwell (Trussville, Sheffield, Cullman, Montgomery, Selma, Hoover, Eufaula)  
Montpelier (Lauderdale)

**WHEN:** Until 6:00 PM CST, 11 December 2028

**WHAT:** Conditions are favorable for a significant weather storm.

**IMPACTS:**

- Potential for hazardous travel if storm conditions develop
- Reduced visibility from blowing snow
- Risk of isolated power interruptions
- Uncertain storm track may affect exact snow totals

**PRECAUTIONARY MEASURES:**

- Monitor future CMRIAWA bulletins for upgrades to warnings
- Prepare emergency kits and ready vehicles for winter travel
- Avoid unnecessary trips during the watch period
- Secure outdoor items ahead of strong winds

**Event: WINTER WEATHER ADVISORY**

/O.EXT.CMRIAWA.FW.A.0004.20281211T0000Z-20281212T0000Z/

**Areas Affected:**

Cascade (Gustavus, Centerville)  
Ashton (Scottsdale, Tucson, Tempe, Prescott, Flagstaff, Washington, Glendale, Mesa, Chandler City)  
Caldwell (Madison, Mountain Brook, Fairhope, Huntsville, Foley, Jasper, Phenix, Anniston)  
Teton (Etowan, Colbert, Elmore, Coffee, Dallas, Clarke, DeKalb, Dale, Conecuh)  
Montpelier (Jefferson, Lee)

**WHEN:** Until 12:00 AM CST, 12 December 2028

**WHAT:** Light to moderate snow with 2.5 to 4.0 inches expected. Winds of 17 to 38 km/h may produce light drifting and pockets of reduced visibility.

**IMPACTS:**

- Minor travel delays
- Slippery roads, especially near bridges and shaded areas
- Reduced visibility during heavier bursts of snow
- Possible minor disruptions to school or early morning travel

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**PRECAUTIONARY MEASURES:**

- Drive cautiously and allow extra travel time
  - Use winter tires and maintain safe braking distance
  - Wear proper footwear to avoid slips on icy surfaces
  - Stay updated with the latest advisories
- 

**Event: FREEZE WATCH**

/O.NEW.CMRIAWA.FW.A.0002.20281211T0000Z-20281212T0700Z/

**Areas Affected:**

Cascade (Pickens, Randolph, Pike, Lowndes)  
Caldwell (Auburn, Cleburne)

**WHEN:** Early morning hours

**WHAT:** Temperatures are expected to drop below 0°C. Frost formation is likely.

**IMPACTS:**

- Damage to sensitive crops and outdoor plants
- Possible freezing of outdoor water pipes
- Risk of slippery surfaces in shaded areas

**PRECAUTIONARY MEASURES:**

- Cover or move sensitive plants indoors
  - Protect outdoor water sources and pipes
  - Avoid unnecessary exposure to extreme cold
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**Event: EXTREME COLD WARNING**

/O.CON.CMRIAWA.FW.A.0003.20281211T0000Z-20281211T0500Z/

**Areas Affected:**

Cascade (Russell City, Marion City, Shelby, Marengo, Morgan, Perry)  
Caldwell (Opelika, Denver, Rockedge, Pelham)  
Montpelier (Henry)

**WHEN:** Until 5:00 AM, 11 December 2028

**WHAT:** Dangerously low temperatures of -22°C to -31°C with wind chills dropping to -35°C. Light to moderate around 12 to 35 km/h, but wind chills remain life-threatening.

**IMPACTS:**

- Frostbite possible within 10–20 minutes on exposed skin
- High risk of hypothermia for anyone without proper insulation
- Frozen pipes, damaged plumbing, and stress on heating systems
- Harmful conditions for livestock and outdoor animals

**PRECAUTIONARY MEASURES:**

- Limit outdoor exposure; wear multiple insulating layers
- Keep emergency heating and backup power sources ready
- Bring pets indoors and protect livestock
- Allow faucets to drip slightly to prevent pipe freezing
- Check on vulnerable individuals (elderly, children)

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**Event: FREEZING FOG ADVISORY**

/O.CON.CMRIAWA.FW.A.0003.20281211T0000Z-20281211T0900Z/

**Areas Affected:**

Cascade (Macon, Limestone, Marshall)  
Caldwell (Florence, Bessemer, Prattville, Homewood)  
Preston (Bibb)  
Montpelier (Houston, Lawrence, Lamar)

**WHEN:** Until 9:00 AM, 11 December 2028

**WHAT:** Freezing fog developing across the area, causing visibility reduced to 500 m or less with light ice accretion on roads, bridges, and exposed surfaces. Surface temperatures at or below -3°C to -6°C.

**IMPACTS:**

- Very hazardous driving conditions due to sudden visibility drops
- Thin, invisible layers of black ice on untreated roads and walkways
- Slick sidewalks, overpasses, and bridges creating slip hazards
- Ice buildup on vehicles, power lines, and elevated objects

**PRECAUTIONARY MEASURES:**

- Slow down, use low-beam headlights, and allow extra travel time
- Avoid sudden braking or sharp turns on icy roads
- Walk carefully on sidewalks and steps to prevent slipping
- Keep vehicle windows and mirrors clear of ice

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**Event: DENSE FOG**  
**/O.EXT.CMRIAWA.FW.A.0004.20281211T0000Z-20281211T1200Z/**

**Areas Affected:**

Lewiston (Rainsville, Brantley, Clanton City, McGrath City, Atalla, Sheffield, Piedmont, Livingston, Boaz, Red Bay, Elba, Sylacauga, Wetumpka)  
Boise (Tuskegee, Atalla, Shorter, Kupreanof, Fort Deposit, Fayette, Opelika, Eutaw)  
Rexburg (Camden, Satsuma, Chatom, Bridgeport, Stevenson)  
Cottonwood (Moenkopi, Second Mesa)  
Hayden (Centreville, Harpersville, Town Creek, Eclectic, Sylvan Springs)  
Burley (Ashland, Heflin, Tuscumbia, Elba)  
Preston (Marion City, Barbour)  
Sandpoint (Sulligent, Leeds, La Batre, Hayden, Notasulga, Rehobeth, Bayou, Vincent)

**WHEN:** Until 12:00 PM CST, 11 December 2028

**WHAT:** Visibility reduced to 500 m or less due to dense fog.

**IMPACTS:**

- Hazardous driving conditions
- Increased risk of traffic accidents
- Reduced visibility for pedestrians and cyclists

**PRECAUTIONARY MEASURES:**

- Slow down while driving and use low-beam headlights
- Leave extra distance ahead of vehicles
- Exercise extreme caution in school zones and near pedestrians

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**Event: HIGH WIND WARNING**

/O.CON.CMRIAWA.FW.A.0004.20281211T0000Z-20281211T1200Z/

**Areas Affected:**

Caldwell (Alabaster, Enterprise City)  
Lewiston (Tuscumbia, Talladega, Demopolis)  
Teton (Hale, Chambers, Geneva)  
Preston (Autauga, Arley)

**WHEN:** Until 12:00 PM, 11 December 2028

**WHAT:** Sustained winds of 95 to 115 km/h with gusts of up to 120 km/h expected.

**IMPACTS:**

- Dangerous travel conditions, especially for high-profile vehicles
- Risk of fallen branches, debris, and property damage
- Possible power outages and disruptions to outdoor activities
- Potential hazards to small boats and coastal areas

**PRECAUTIONARY MEASURES:**

- Secure loose outdoor objects and equipment
- Avoid unnecessary travel in exposed areas
- Exercise extreme caution during outdoor activities
- Stay updated with local weather advisories

**Event: HIGH WIND WATCH**

/O.CON.CMRIAWA.FW.A.0004.20281211T0000Z-20281211T1000Z/

**Areas Affected:**

Cascade (Walker, Sumter, Talladega)  
Ashton (Apache, Tuscaloosa, Wilcox, Casa, Peoria, Winston, Kingman, Sedona, Tallapoosa)  
Lewiston (Gulf Shores, Centre, Hamilton, Spanish Fort, Greenville, Scottsboro, Alexander, Fort Payne, Hartselle)  
Teton (Cherokee, Chilton, Calhoun, Clay, Escambia, Fayette, Lanett, Greene, Choctaw, Crenshaw, Coosa, Covington, Franklin, Valley, Cleburne)  
Burley (Thorsby)  
Preston (Bullock, Blount, Butler)  
Sandpoint (Greensboro, Baldwin)

**WHEN:** Effective until 10:00 AM, 11 December 2028

**WHAT:** Sustained winds of 65 to 90 km/h with gusts of reaching 100 km/h possible.

**IMPACTS:**

- Falling branches and debris may pose hazards
- Difficult travel, especially for high-profile vehicles
- Risk of power outages from damaged line

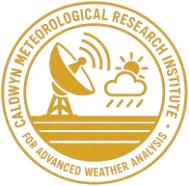
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**PRECAUTIONARY MEASURES:**

- Secure loose outdoor objects
  - Avoid travel in exposed areas if possible
  - Exercise caution during outdoor activities
- 

**Event: WIND ADVISORY**

/O.CON.CMRIAWA.FW.A.0004.20281211T0000Z-20281211T1200Z/

**Areas Affected:**

Ashton (Blount, Grande, Lake Havasu, Winslow)  
Lewiston (Luverne, Castleberry, Evergreen, Bay Minette, Cullman City)  
Boise (Athens, Luverne)  
Rexburg (Moulton)  
Cottonwood (Dennehotso, Greer)  
Hayden (Rockford)  
Burley (Citronelle, Lineville, Pinson, Tallassee, Jemison)

**WHEN:** Until 12:00 PM, 11 December 2028

**WHAT:** Sustained winds of 45 to 65 km/h with gusts of up to 85 km/h

**IMPACTS:**

- Minor travel difficulties on bridges and open roads
- Possible minor tree or debris hazards
- Lightweight objects may be blown over

**PRECAUTIONARY MEASURES:**

- Secure outdoor items
- Drive cautiously on exposed roads
- Monitor local advisories for updates

Areas mentioned in this advisory, as well as nearby locations that may also be affected, are strongly advised to take all necessary precautionary measures. Residents and local authorities should remain alert, secure vulnerable items or structures, and prepare for possible disruptions. Continuous monitoring of the latest weather updates is highly recommended.

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encouraged, as conditions may change rapidly. Stay informed through official bulletins and follow instructions from local emergency and disaster management offices.

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