



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. 12

Issued by: Caldwyn Meteorological Research Institute for Advanced Weather Analysis (CMRIAWA) – NATIONAL
Date and Time: 3:05 AM CST Tue Dec 10 2028

Event: FLOOD WATCH
/O.NEW/

Areas Affected:

Fairmont (Lowndes, Gordon, Floyd, Habersham, Camden City, Bulloch)
Culver (Hernando, Osceola City)
Rockville (Tallapoosa, Nashville, Dawson, Fort, Lumber City, Ridge, Dahlonega City, Donaldsonville, Quitman, Woodbine)
Rushville (Folkston City)
Paoli (Spalding, Muscogee, Toombs, Baldwin, Houston, Forsyth)
Berne (DeKalb, Olgethorpe, Hiawassee, Cobb, Thomaston, Fullton, Gwinnett, Chatham, Trenton, Point, Clayton)
Greendale (Live Oak, Apalachicola, Clewiston, LaBelle, Frostproof)
Knightstown (Palm Beach City, Pinellas, Callaway, South Bay, Hillsborough, Palatka, Madeira, Okeechobee, Lake Park, Longwood, Duval)
Princeton (Calhoun, Carroll, Lady Lake, Leesburg City, Crestview)
Batesville (Wauchula, Jasper, Monticello, Williston, Avon Park, Pahokee, Dade, Havana, Rock Springs City)
Edinburgh Islands (Paris, Edinburgh, London, Faraday)
Mitchell (Commerce, Sandersville)

WHEN: Until 12:00 PM to 10:30 PM, 10 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

Event: FLOOD WARNING
/O.NEW/

Areas Affected:

Knightstown (Marathon, Bristol, Palm Beach)
Batesville (Graceville, Orange, Gulf Port, Bushnell, Trenton, Mayo, St. Marks)

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

WHAT: Ongoing or imminent flooding, with heavy rainfall of 75 to 150 mm already observed or expected. Rapid rises in river and stream levels with potential for significant flash flooding

PREPARED BY: MJ

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Weather and Flood Forecasting Center
Skywatch Tower, Harborview Bldg., Kensington Avenue,
Brgy. Bayview, Sebastian City 4902, Hampshire, Caldwyn

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IMPACTS:

- Severe flooding in low-lying and urban areas
- Dangerous water levels that may inundate homes and roads
- Possible evacuations in highly vulnerable communities
- Strong currents in rivers/creeks posing life-threatening hazards
- Disruption to transport, electricity, and communication lines

PRECAUTIONARY MEASURES:

- Move to higher ground immediately if in a flood-prone area
- Follow evacuation orders from local authorities
- Avoid traveling through flooded roads — “Turn Around, Don’t Drown”
- Keep emergency supplies, documents, and valuables secured
- Stay updated with official bulletins and water level reports

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Event: BLIZZARD WATCH

/O.CON/

Areas Affected:

Nashville (Birmingham)

WHEN: Until 6:00 PM CST, 10 December 2028

WHAT: Conditions favorable for blizzard development, with potential for heavy snow of 5 to 12 inches accumulation possible. Strong winds of 72 to 105 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/

Areas Affected:

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

WHEN: Until 12:00 AM CST, 11 December 2028

WHAT: Heavy snow with strong winds of 42 to 65 km/h. Accumulating snow of 6 to 12 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/

Areas Affected:

Cascade (Gulf Shores)
Caldwell (Sheffield, Cullman, Dothan)

WHEN: Until 10:30 PM CST, 10 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/

Areas Affected:

Cascade (Macon, Orange Beach, Marion City, Gustavus, Centerville)
Caldwell (Trussville, Madison, Fairhope, Huntsville, Foley, Montgomery, Phenix, Selma, Hoover, Anniston)
Montpelier (Lauderdale, Jefferson)

WHEN: Until 6:00 PM CST, 10 December 2028

WHAT: Light to moderate snow with 1.65 to 4.5 inches expected. Winds of 19 to 30 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

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

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Event: FREZZE WATCH

/O.EXT/

Areas Affected:

Cascade (Macon, Orange Beach, Marion City, Gustavus, Centerville)

Caldwell (Trussville, Madison, Fairhope, Huntsville, Foley, Montgomery, Phenix, Selma, Hoover, Anniston)

Montpelier (Lauderdale, Jefferson)

WHEN: Overnight through 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

Event: EXTREME COLD WARNING

/O.NEW/

Areas Affected:

Cascade (Clayton, Barbour, Russell City, Limestone, Sumter, Eufaula, Shelby, Marengo, Morgan, Perry)

Caldwell (Opelika, Florence, Mountain Brook, Jasper, Auburn, Bessemer, Rockledge, Eufaula, Pelham)

Montpelier (Lawrence)

WHEN: Until 6:00 PM, 10 December 2028

WHAT: Dangerously low temperatures of -23°C to -35°C with wind chills dropping to -34°C. Light to moderate around 15 to 33 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.NEW/

Areas Affected:

Cascade (Walker, Talladega)
Ashton (Tuscaloosa, Tallapoosa)
Caldwell (Alabaster, Cleburne, Enterprise City)
Lewiston (Hamilton, Talladega, Demopolis)
Teton (Clay, Greene, Geneva)
Preston (Arley)

WHEN: Until 9:00 AM, 10 December 2028

WHAT: Freezing fog developing across the area, causing visibility reduced to 400 m or less with light ice accretion on roads, bridges, and exposed surfaces. Surface temperatures at or below -2°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

Event: DENSE FOG

/O.CON/

Areas Affected:

Ashton (Blount, Bisbee, Show, Low)
Lewiston (Brantley, Gulf Shores, Clanton City, Childersburg, Castleberry, Evergreen, Piedmont, Bay Minette, Sylacauga, Fort Payne, Cullman City)
Boise (Tuskegee, Atalla, Shorter, Fort Deposit, Opelika, Eutaw)
Rexburg (Camden, Bridgeport)
Cottonwood (Moenkopi, Dennehotso)
Hayden (Centreville, Town Creek, Eclectic, Sylvan Springs)
Burley (Lineville, Heflin, Tuscumbia, Elba)
Sandpoint (Vincent)

WHEN: Until 7:45 AM CST, 10 December 2028

WHAT: Visibility reduced to 400 m or less due to dense fog.

IMPACTS:

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

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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
-

Event: HIGH WIND WARNING
/O.CON/

Areas Affected:

Caldwell (Prattville, Homewood)
Lewiston (Spanish Fort, McGrath City, Tuscumbia, Scottsboro, Wetumpka)
Teton (Cherokee, Cleburne)
Preston (Autauga, Bullock, Blount, Bibb, Marion City, Barbour, Butler)
Sandpoint (Sulligent, Baldwin)
Montpelier (Houston)

WHEN: Until 9:00 PM, 10 December 2028

WHAT: Sustained winds of 86 to 109 km/h with gusts of up to 130 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/

Areas Affected:

Ashton (Scottsdale, Flagstaff, Sedona)
Lewiston (Winfield, Sheffield, Livingston, Boaz, Elba, Alexander)
Teton (Etowan, Colbert, Escambia, Fayette, Lanett, Elmore, Coosa, Dallas, DeKalb, Dale, Valley)
Burley (Thorsby)
Sandpoint (Notasulga)

WHEN: Effective until 4:00 AM, 11 December 2028

WHAT: Sustained winds of 52 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/

Areas Affected:

Ashton (Girdwood, Apache, Avendale City, Junction, Grande, Gilbert, Lake Havasu, Bullhead, Casa, Yuma)
Teton (Crenshaw, Covington, Conecuh)
Burley (Citronelle, Ashland, Pinson, Tallassee, Wilsonville, Jemison)
Sandpoint (Leeds, La Batre, Hayden, Greensboro, Rehobeth, Bayou)

WHEN: Until 11:00 PM, 10 December 2028

WHAT: Sustained winds of 39 to 62 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 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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