



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. 17

**Issued by: Caldwyn Meteorological Research Institute for Advanced Weather Analysis (CMRIAWA) – NATIONAL**  
**Date and Time: 1:30 PM CST Tue Dec 12 2028**

#### Event: WINTER WEATHER ADVISORY

/O.CON.CMRIAWA.WW.Y.0007.20281212T11330Z-20281213T0000Z/

<b>WHEN:</b>	Until 12:00 AM CST, 13 December 2028	
<b>WHAT:</b>	Light to moderate snow with 2.5 to 5.0 inches expected. Winds of 19 to 39 km/h may produce light drifting and pockets of reduced visibility.	
Areas Affected	Impacts	Precautionary Measures
Cascade (Clayton, Russell City, Limestone, Pickens, Randolph, Pike, Marshall, Perry, Lowndes, Centerville) Caldwell (Opelika, Madison, Mountain Brook, Jasper, Phenix, Denver, Pelham) Montpelier (Lauderdale, Henry, Lamar)	<ul style="list-style-type: none"><li>- Minor travel delays</li><li>- Slippery roads, especially near bridges and shaded areas</li><li>- Reduced visibility during heavier bursts of snow</li><li>- Possible minor disruptions to school or early morning travel</li></ul>	<ul style="list-style-type: none"><li>- Drive cautiously and allow extra travel time</li><li>- Use winter tires and maintain safe braking distance</li><li>- Wear proper footwear to avoid slips on icy surfaces</li><li>- Stay updated with the latest advisories</li></ul>

#### Event: WINTER STORM WATCH

/O.CON.CMRIAWA.WS.A.0006.20281212T1330Z-20281213T0000Z/

<b>WHEN:</b>	Until 12:00 AM CST, 13 December 2028	
<b>WHAT:</b>	Conditions are favorable for a significant weather storm.	
Areas Affected	Impacts	Precautionary Measures
Cascade (Gulf Shores) Caldwell (Trussville, Sheffield, Fairhope, Huntsville, Foley, Cullman, Montgomery, Selma, Hoover, Dothan, Anniston)	<ul style="list-style-type: none"><li>- hazardous travel if storm conditions develop</li><li>- Reduced visibility from blowing snow</li><li>- Risk of isolated power interruptions</li><li>- Uncertain storm track may affect exact snow totals</li></ul>	<ul style="list-style-type: none"><li>- Monitor future CMRIAWA bulletins for upgrades to warnings</li><li>- Prepare emergency kits and ready vehicles for winter travel</li><li>- Avoid unnecessary trips during the watch period</li><li>- Secure outdoor items ahead of strong winds</li></ul>

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Skywatch Tower, Harborview Bldg., Kensington Avenue,  
Brgy. Bayview, Sebastian City 4902, Caldwyn

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**Event: WINTER STORM WARNING**

/O.EXT.CMRIAWA.WS.W.0007.20281212T0500Z-20281213T0000Z/

<b>WHEN:</b>	Until 12:00 AM CST, 13 December 2028	
<b>WHAT:</b>	Heavy snow with strong winds of 49 to 72 km/h. Accumulating snow of 5 to 12 inches expected	
Areas Affected	Impacts	Precautionary Measures
Nashville (Prattville, Bay Minette, Autugaville, Fairhope, Baldwin) Caldwell (Goodwater)	<ul style="list-style-type: none"><li>- Difficult travel, especially on elevated roads and bridges</li><li>- Risk of power outages due to snow-laden trees</li><li>- Slippery roads and reduced visibility</li></ul>	<ul style="list-style-type: none"><li>- Limit travel if possible</li><li>- Keep emergency kits ready in vehicles</li><li>- Stay informed on road conditions</li></ul>

**Event: BLIZZARD WARNING**

/O.EXT.CMRIAWA.BZ.W.0003.20281212T1330Z-20281212T2300Z/

<b>WHEN:</b>	Until 11:00 PM CST, 12 December 2028	
<b>WHAT:</b>	Blizzard conditions with heavy snow, strong winds of 59 to 126 km/h, and whiteout visibility. Snow accumulation of 12 to 18 inches expected.	
Areas Affected	Impacts	Precautionary Measures
Nashville (Birmingham)	<ul style="list-style-type: none"><li>- Extremely dangerous travel conditions</li><li>- Snowdrifts and near-zero visibility</li><li>- Risk of stranded vehicles and disrupted services</li></ul>	<ul style="list-style-type: none"><li>- Avoid all unnecessary travel</li><li>- Carry emergency supplies if travel is unavoidable</li><li>- Monitor local authorities and weather updates</li></ul>

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*[Signature]*  
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Event: AVALANCHE WATCH

/O.NEW.CMRIAWA.AV.A.0001.20281212T1330Z-20281213T0500Z/

WHEN:	Until 5:00 AM CST, 13 December 2028	
WHAT:	Conditions are favorable for avalanches due to recent heavy snowfall with an accumulation of 6 to 12 inches with strong winds of 40 to 65 km/h creating unstable snowdrifts. Steep slopes with freshly accumulate snow.	
Areas Affected	Impacts	Precautionary Measures
Preston (Autauga, Bibb, Marion City) Montpelier (Houston)	<ul style="list-style-type: none"><li>- Increased risk of snow slides on steep slopes</li><li>- Hazardous conditions for skiers, hikers, mountaineers, and outdoor workers</li><li>- Possible road closures on mountain passes</li><li>- Potential damage to structures and infrastructure in avalanche-prone areas</li></ul>	<ul style="list-style-type: none"><li>- Avoid travel and outdoor activities in avalanche-prone zones</li><li>- Stay away from steep slopes and snow-laden ridges</li><li>- Monitor updates from local authorities and mountain/weather services</li><li>- Ensure proper avalanche safety gear if venturing into high-risk areas is unavoidable</li></ul>

Event: COLD WEATHER ADVISORY

/O.NEW.CMRIAWA.CW.Y.0001.20281212T1330Z-20281213T0700Z/

WHEN:	Until 7:00 AM CST, 13 December 2028	
WHAT:	Cold temperatures expected ranging from -2°C to 4°C overnight, possibly leading to frost formation in exposed areas.	
Areas Affected	Impacts	Precautionary Measures
Cascade (Macon, Barbour, Orange Beach, Eufaula, Gustavus) Caldwell (Florence, Auburn, Bessemer, Rockedge, Eufaula) Montpelier (Jefferson, Lee)	<ul style="list-style-type: none"><li>- Mild to moderate risk to sensitive crops and plants</li><li>- Chilly outdoor conditions affecting vulnerable populations (elderly, children)</li><li>- Slippery patches on shaded roads or sidewalks in the early morning</li><li>- Minor strain on heating systems</li></ul>	<ul style="list-style-type: none"><li>- Cover or move sensitive plants indoors or to protected areas</li><li>- Dress warmly with layered clothing when outdoors</li><li>- Use caution on potentially icy sidewalks or roads</li><li>- Check on elderly or vulnerable neighbors</li></ul>

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**Event: EXTREME COLD WATCH**

/O.NEW.CMRIAWA.EC.A.0001.20281212T1330Z-20281213T0500Z/

WHEN:	Until 5:00 AM CST, 13 December 2028	
WHAT:	Potential for dangerously low temperatures, expected to reach -20°C to -30°C. Wind chills may cause life-threatening conditions if the cold develops as forecasted.	
Areas Affected	Impacts	Precautionary Measures
Cascade (Walker, Surnter, Marion City, Shelby, Marengo, Talladega, Morgan)	<ul style="list-style-type: none"><li>- Frostbite possible within 10–30 minutes on exposed skin</li><li>- High risk of hypothermia for anyone without proper clothing</li><li>- Potential frozen pipes and strain on heating systems</li><li>- Increased vulnerability for livestock and outdoor animals</li></ul>	<ul style="list-style-type: none"><li>- Limit outdoor exposure; wear multiple insulating layers</li><li>- Bring pets indoors and protect livestock</li><li>- Prepare heating sources and ensure backup power if available</li><li>- Monitor forecasts for upgrades to Extreme Cold Warning</li><li>- Check on vulnerable individuals (elderly, children)</li></ul>

**Event: EXTREME COLD WARNING**

/O.CON.CMRIAWA.EC.W.0002.20281212T1330Z-20281213T0500Z/

WHEN:	Until 5:00 AM CST, 13 December 2028	
WHAT:	Dangerously low temperatures of -20°C to -30°C with wind chills dropping to -33°C. Light to moderate around 19 to 32 km/h, but wind chills remain life-threatening.	
Areas Affected	Impacts	Precautionary Measures
Caldwell (Prattville, Cleburne) Montpelier (Lawrence)	<ul style="list-style-type: none"><li>- Frostbite possible within 10–20 minutes on exposed skin</li><li>- High risk of hypothermia for anyone without proper insulation</li><li>- Frozen pipes, damaged plumbing, and stress on heating systems</li><li>- Harmful conditions for livestock and outdoor animals</li></ul>	<ul style="list-style-type: none"><li>- Limit outdoor exposure; wear multiple insulating layers</li><li>- Keep emergency heating and backup power sources ready</li><li>- Bring pets indoors and protect livestock</li><li>- Allow faucets to drip slightly to prevent pipe freezing</li><li>- Check on vulnerable individuals (elderly, children)</li></ul>

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**Event: FREEZE WATCH**

/O.CON.CMRIAWA.EW.A.0005.20281212T1330Z-20281213T0700Z /

WHEN:	Late night hours today until Wednesday early hours	
WHAT:	Temperatures are expected to drop below 0°C. Frost formation is likely.	
Areas Affected	Impacts	Precautionary Measures
Ashton (Tallapoosa) Caldwell (Alabaster, Homewood, Enterprise City)	<ul style="list-style-type: none"><li>- Damage to sensitive crops and outdoor plants</li><li>- Possible freezing of outdoor water pipes</li><li>- Risk of slippery surfaces in shaded areas</li></ul>	<ul style="list-style-type: none"><li>- Cover or move sensitive plants indoors</li><li>- Protect outdoor water sources and pipes</li><li>- Avoid unnecessary exposure to extreme cold</li></ul>

**Event: FROST ADVISORY**

/O.NEW.CMRIAWA.FAD.Y.0001.20281212T1330Z-20281213T0700Z /

WHEN:	Until 7:00 AM CST, 13 December 2028	
WHAT:	Temperatures near or below freezing (0°C to 2°C) may result in frost formation, particularly on exposed surfaces, crops, and vehicles.	
Areas Affected	Impacts	Precautionary Measures
Caldwell (Prattville, Cleburne) Montpelier (Lawrence)	<ul style="list-style-type: none"><li>- Damage to sensitive crops and outdoor plants</li><li>- Frost accumulation on cars, sidewalks, and roads</li><li>- Chilly conditions for outdoor activities</li><li>- Minor strain on heating systems</li></ul>	<ul style="list-style-type: none"><li>- Cover or move sensitive plants to protected areas</li><li>- Protect outdoor water sources and pipes</li><li>- Dress warmly if going outside early in the morning</li><li>- Exercise caution on slippery frost-covered roads and sidewalks</li></ul>

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**Event: DENSE FOG ADVISORY**

/O.EXT.CMRIAWA.DF.Y.0006.20281212T1330Z-20281213T0500Z /

WHEN:	Until early morning hours tomorrow	Precautionary Measures
WHAT:	Temperatures are expected to drop below 0°C. Frost formation is likely.	
Areas Affected	Impacts	
Ashton (Grande, Lake Havasu, Bullhead, Casa, Winslow) Donell (Georgina, Anniston, Kayenta) Lewiston (Rainsville, Brantley, Gulf Shores, Clanton City, Childersburg, Atmore, Fort Payne) Boise (Elkmont, Athens, Southside, Samson, Kupreanof, Fort Deposit, Courtland) Rexburg (Camden, Bridgeport, Stevenson) Cottonwood (Moenkopi, Second Mesa, Greer) Teton (Cherokee, Chilton, Calhour, Crenshaw, Cleburne) Hayden (Harpersville, East Brewton) Preston (Blount, Butler) Sandpoint (Leeds, La Batre, Hayden, Rehobeth, Baldwin, Bayou, Vincent)	<ul style="list-style-type: none"><li>- Hazardous driving conditions</li><li>- Increased risk of traffic accidents</li><li>- Reduced visibility for pedestrians and cyclists</li></ul>	<ul style="list-style-type: none"><li>- Slow down while driving and use low-beam headlights</li><li>- Leave extra distance ahead of vehicles</li><li>- Exercise extreme caution in school zones and near pedestrians</li></ul>

**Event: WIND ADVISORY**

/O.CON.CMRIAWA.WA.Y.0007.20281212T1330Z-20281213T0000Z /

WHEN:	Until 12:00 AM, 13 December 2028	Precautionary Measures
WHAT:	Sustained winds of 43 to 57 km/h with gusts of up to 79 km/h	
Areas Affected	Impacts	
Ashton (Girdwood, Apache, Avendale City, Junction, Gilbert, Peoria, Show, Nogales, Kingman, Yuma) Lewiston (Castleberry, Evergreen, Sylacauga) Boise (Atalla, Luverne) Cottonwood (Dennehotso) Teton (Hale, Choctaw, Chambers, Coffee, Covington, Geneva, Conecuh)	<ul style="list-style-type: none"><li>- Minor travel difficulties on bridges and open roads</li><li>- Possible minor tree or debris hazards</li><li>- Lightweight objects may be blown over</li></ul>	<ul style="list-style-type: none"><li>- Secure outdoor items</li><li>- Drive cautiously on exposed roads</li><li>- Monitor local advisories for updates</li></ul>

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**Event: HIGH WIND WATCH**

/O.CON.CMRIAWA.HW.A.0007.20281212T1330Z-20281213T0000Z/

WHEN:	Effective until 12:00 AM, 13 December 2028	
WHAT:	Sustained winds of 65 to 90 km/h with gusts of reaching 100 km/h possible.	
Areas Affected	Impacts	Precautionary Measures
Ashton (Bisbee, Wilcox, Flagstaff, Washington, Sedona) Lewiston (Roanoke, Luverne, McGrath City, Atalla, Boaz, Bay Minette, Opp, Brewton, Cullman City, Wetumpka) Rexburg (Chatom) Burley (Citronelle, Tallassee, Thorsby, Wilsonville, Jemison) Sandpoint (Sulligent, Greensboro)	<ul style="list-style-type: none"><li>- Falling branches and debris may pose hazards</li><li>- Difficult travel, especially for high-profile vehicles</li><li>- Risk of power outages from damaged line</li></ul>	<ul style="list-style-type: none"><li>- Secure loose outdoor objects</li><li>- Avoid travel in exposed areas if possible</li><li>- Exercise caution during outdoor activities</li></ul>

**Event: HIGH WIND WARNING**

/O.CON.CMRIAWA.HW.W.0007.20281212T1330Z-20281212T2300Z /

WHEN:	Until 11:00 PM, 12 December 2028	
WHAT:	Sustained winds of 62 to 95 km/h with gusts of up to 130 km/h expected.	
Areas Affected	Impacts	Precautionary Measures
Ashton (Scottsdale, Prescott, Winston, Glendale) Lewiston (Winfield, Centre, Hamilton, Spanish Fort, Greenville, Luverne, Tuscaloosa, Piedmont, Scottsboro, Livingston, Red Bay, Elba, Alexander, Talladega, Demopolis, Hartselle) Teton (Etowah, Colbert, Clay, Escambia, Fayette, Lanett, Greene, Elmore, Coosa, Dallas, DeKalb, Franklin, Dale, Valley) Preston (Arley)	<ul style="list-style-type: none"><li>- Dangerous travel conditions, especially for high-profile vehicles</li><li>- Risk of fallen branches, debris, and property damage</li><li>- Possible power outages and disruptions to outdoor activities</li><li>- Potential hazards to small boats and coastal areas</li></ul>	<ul style="list-style-type: none"><li>- Secure loose outdoor objects and equipment</li><li>- Avoid unnecessary travel in exposed areas</li><li>- Exercise extreme caution during outdoor activities</li><li>- Stay updated with local weather advisories</li></ul>

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**Event: HAZARDOUS WEATHER OUTLOOK**

**/O.NEW.CMRIAWA.HWO.O.0001.20281212T1330Z-20281215T0000Z/**

WHEN:	Effective until 12:00 AM, 15 December 2028	
WHAT:	Freezing fog expected with visibility below 1/4 mile (400 m) and light ice accumulation on roads, bridges, and exposed surfaces. Surface temperatures near -2°C to -6°C.  Widespread dense fog reducing visibility to 1/4 mile (400 m) or less, especially in river valleys, lowlands, and urban areas.  Sustained winds of 20–35 mph (32–56 km/h) with gusts up to 45 mph (72 km/h), especially in elevated terrain and open areas.	
Areas Affected	Impacts	Precautionary Measures
Ashton (Blount, Tuscaloosa, Tucson, Tempe, Mesa, Oneonta, Low, West Blocton, Chandler City) Mackay (Blountsville, Maricopa, Cottonwood, Globe, Eloy, Snowflake, Parker, Buckeye, San Luis, Coolidge, Superior, Union Springs, Butler, Camp Verde City, Florence, Fountain Hills, Greenville, Page, Cave Creek, Bullock) Donell (Calhoun, Fort Thomas, Bylas, Clifton, Window, Sun, Jacksonville, Polacca, Fort Defiance, Duncan, Leupp, Chinle, Fredonia, Oxford, Ajo City, Many Farms) Lewiston (Sheffield) Boise (Tuskegee, Shorter, Fayette, Opelika, Eutaw, Jackson) Rexburg (Satsuma, Moulton) Harrison (Gurdon, Heber Springs) Cottonwood (Pinedale, McNanny, White River) Teton (Clarke) Hayden (Jemison City, Blountsville, Ashville, Sylvan Springs, Tarrant, Highland Lake, Ohatchee) Burley (Heflin) Preston (Bullock, Barbour) Sandpoint (Notasulga)	<ul style="list-style-type: none"><li>- Hazardous driving conditions</li><li>- Thin ice on roads and sidewalks</li><li>- Icy buildup on vehicles and structures</li><li>- Low visibility making driving hazardous</li><li>- Increased risk of traffic accidents</li><li>- Difficult navigation for pedestrians and cyclists</li><li>- Difficulty driving high-profile vehicles</li><li>- Minor damage to loose outdoor objects</li><li>- Blowing debris may pose minor hazards</li></ul>	<ul style="list-style-type: none"><li>- Drive slowly, use low-beam headlights</li><li>- Walk carefully on sidewalks and steps</li><li>- Monitor updates as conditions may worsen</li><li>- Slow down while driving, maintain safe distances</li><li>- Use low-beam headlights, avoid high beams</li><li>- Be extra cautious in school zones and near pedestrians</li><li>- Secure outdoor objects</li><li>- Exercise caution during travel and outdoor activities</li><li>- Monitor local advisories for updates</li></ul>

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