



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. 16

Issued by: Caldwyn Meteorological Research Institute for Advanced Weather Analysis (CMRIAWA) – NATIONAL

Date and Time: 5:00 AM CST Tue Dec 12 2028

Event: BLIZZARD WARNING

/O.EXT.CMRIAWA.BZ.W.0002.20281212T0500Z-20281212T1700Z/

WHEN:	Until 5:00 PM CST, 12 December 2028	
WHAT:	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">- Extremely dangerous travel conditions- Snowdrifts and near-zero visibility- Risk of stranded vehicles and disrupted services	<ul style="list-style-type: none">- Avoid all unnecessary travel- Carry emergency supplies if travel is unavoidable- Monitor local authorities and weather updates

Event: BLIZZARD WATCH

/O.EXT.CMRIAWA.BZ.A.0007.20281212T0500Z-20281212T1500Z/

WHEN:	Until 3:00 PM CST, 12 December 2028	
WHAT:	Conditions favorable for blizzard development, with potential for heavy snow of 5 to 10 inches accumulation possible. Strong winds of 49 to 88 km/h, higher gusts in exposed areas and near-zero visibility due to blowing and drifting snow.	
Areas Affected	Impacts	Precautionary Measures
Nashville (Prattville, Bay Minette, Autugaville, Fairhope, Baldwin)	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- 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

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"Empowering Communities Through Weather Preparedness"

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

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Tel. No.: (+715) 1-800-932-8437 ext. 8435
<https://cmriawa.stid.org.co/>



Event: WINTER STORM WARNING

/O.EXT.CMRIAWA.WS.W.0006.20281212T0500Z-20281212T1800Z/

WHEN:	Until 6:00 PM CST, 12 December 2028	
WHAT:	Heavy snow with strong winds of 49 to 72 km/h. Accumulating snow of 5 to 12 inches expected	
Areas Affected	Impacts	Precautionary Measures
Caldwell (Sheffield, Goodwater, Dothan)	<ul style="list-style-type: none">- Difficult travel, especially on elevated roads and bridges- Risk of power outages due to snow-laden trees- Slippery roads and reduced visibility	<ul style="list-style-type: none">- Limit travel if possible- Keep emergency kits ready in vehicles- Stay informed on road conditions

Event: WINTER STORM WATCH

/O.EXT.CMRIAWA.WS.A.0005.20281212T0500Z-20281213T0000Z/

WHEN:	Until 12:00 AM CST, 13 December 2028	
WHAT:	Conditions are favorable for a significant weather storm.	
Areas Affected	Impacts	Precautionary Measures
Cascade (Gulf Shores) Caldwell (Trussville, Madison, Fairhope, Huntsville, Foley, Cullman, Jasper, Montgomery, Phenix, Selma, Anniston)	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- 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

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

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Event: WINTER WEATHER ADVISORY

/O.EXT.CMRIAWA.WW.Y.0006.20281212T10500Z-20281213T0000Z/

WHEN:	Until 12:00 AM CST, 13 December 2028	
WHAT:	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, Barbour, Limestone, Pickens, Eufaula, Marshall, Marengo, Perry, Lowndes, Centerville) Caldwell (Opelika, Mountain Brook, Denver, Hoover, Eufaula, Pelham) Montpelier (Lauderdale, Henry, Lawrence, Jefferson, Lamar, Lee)	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- 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.CON.CMRIAWA.FW.A.0004.20281212T0500Z-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
Cascade (Macon, Russell City, Orange Beach, Surnter, Randolph, Marion City, Pike, Shelby, Gustavus, Morgan) Ashton (Wilcox) Caldwell (Florence, Prattville, Homewood)	<ul style="list-style-type: none">- Damage to sensitive crops and outdoor plants- Possible freezing of outdoor water pipes- Risk of slippery surfaces in shaded areas	<ul style="list-style-type: none">- 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.EXT.CMRIAWA.EC.W.0006.20281212T0500Z-20281213T0500Z/

WHEN:	Until 5:00 AM, 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
Ashton (Tuscaloosa, Winston) Caldwell (Bessemer, Rockedge) Preston (Autauga, Bibb) Montpelier (Houston)	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- 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)

Event: FREEZING FOG ADVISORY

/O.CON.CMRIAWA.FF.Y.0004.20281212T0500Z-20281212T1000Z/

WHEN:	Until 10:00 AM, 12 December 2028	
WHAT:	Freezing fog developing across the area, causing visibility reduced to 450 m or less with light ice accretion on roads, bridges, and exposed surfaces. Surface temperatures at or below -2°C to -5°C.	
Areas Affected	Impacts	Precautionary Measures
Cascade (Walker, Talladega) Caldwell (Auburn, Cleburne, Enterprise City) Lewiston (Hamilton, Spanish Fort, Tuscaloosa, Talladega, Demopolis, Hartselle) Teton (Clay, Greene)	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- 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 ADVISORY

/O.CON.CMRIAWA.DF.Y.0006.20281212T0500Z-20281212T0800Z/

WHEN:	Until 8:00 AM CST, 12 December 2028	
WHAT:	Visibility reduced to 550 m or less due to dense fog.	
Areas Affected	Impacts	Precautionary Measures
Ashton (Bisbee, Grande, Lake Havasu, Winslow) Lewiston (Rainsville, Brantley, Gulf Shores, Roanoke, Clanton City, Childersburg, Castleberry, Evergreen, Luverne, Piedmont, Bay Minette, Sylacauga, Fort Payne) Boise (Tuskegee, Fort Deposit) Rexburg (Camden, Bridgeport, Stevenson) Cottonwood (Moenkopi, Dennehotso, Second Mesa, Greer) Teton (Cherokee, Chilton, Calhour, Hale, Lanett, Choctaw, Clarke, Geneva) Hayden (Clumbia, Harpersville, Eclectic) Burley (Citronelle, Lineville, Pinson, Heflin, Tallassee, Wilsonville, Jemison, Tuscmibia, Elba) Preston (Blount, Marion City, Barbour, Butler) Sandpoint (Sulligent, Greensboro, Notasulga, Baldwin)	<ul style="list-style-type: none">- Hazardous driving conditions- Increased risk of traffic accidents- Reduced visibility for pedestrians and cyclists	<ul style="list-style-type: none">- 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.EXT.CMRIAWA.HW.W.0006.20281212T0500Z-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, Flagstaff, Washington, Sedona, Tallapoosa) Caldwell (Alabaster) Lewiston (McGrath City, Scottsboro, Wetumpka) Teton (Etowan, Colbert, Escambia, Fayette, Elmore, Chambers, Coosa, Franklin, Valley) Preston (Arley)	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- Secure loose outdoor objects and equipment- Avoid unnecessary travel in exposed areas- Exercise extreme caution during outdoor activities- Stay updated with local weather advisories

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Event: HIGH WIND WATCH

/O.EXT.CMRIAWA.FW.A.0006.20281212T0500Z-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 (Girdwood, Avendale City, Gilbert, Casa, Yuma) Lewiston (Winfield, Centre, Sheffield, Atmore, Red Bay, Elba, Opp, Alexander, Brewton, Cullman City) Teton (Cleburne) Burley (Ashland, Thorsby) Sandpoint (La Batre, Hayden, Rehobeth, Bayou)	<ul style="list-style-type: none">- Falling branches and debris may pose hazards- Difficult travel, especially for high-profile vehicles- Risk of power outages from damaged line	<ul style="list-style-type: none">- Secure loose outdoor objects- Avoid travel in exposed areas if possible- Exercise caution during outdoor activities

Event: WIND ADVISORY

/O.EXT.CMRIAWA.WA.Y.0006.20281212T0500Z-20281213T0000Z/

WHEN:	Until 12:00 AM, 13 December 2028	
WHAT:	Sustained winds of 39 to 58 km/h with gusts of up to 79 km/h	
Areas Affected	Impacts	Precautionary Measures
Ashton (Junction, Bullhead, Show, Nogales, West Blocton) Mackay (Snowflake, Coolidge) Lewiston (Greenville, Atalla, Boaz) Boise (Atalla, Athens, Shorter, Southside, Kupreanof, Fayette, Opelika, Eutaw) Hayden (Blountsville, Rockford)	<ul style="list-style-type: none">- Minor travel difficulties on bridges and open roads- Possible minor tree or debris hazards- Lightweight objects may be blown over	<ul style="list-style-type: none">- 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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