



**CURRENT HAZARD**

**Issued by: Caldwyn Meteorological Research Institute for Advanced Weather Analysis (CMRIAWA) – NATIONAL**  
**Date and Time: 9:00 PM CST Thurs Dec 14 2028**

**Event: WINTER WEATHER ADVISORY**

**/O.EXT.CMRIAWA.WW.Y.0014.20281214T2100Z-20281215T1100Z/**

<b>WHEN:</b>	Until 11:00 AM CST, 15 December 2028	
<b>WHAT:</b>	Light snow with 1.0 to 2.5 inches expected. Winds of 15 to 30 km/h may produce light drifting and pockets of reduced visibility.	
<b>Areas Affected</b>	<b>Impacts</b>	<b>Precautionary Measures</b>
Nashville (Prattville, Birmingham, Bay Minette, Autugaville, Fairhope, Baldwin) Caldwell (Goodwater)	<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: COLD WEATHER ADVISORY**

**/O.CON.CMRIAWA.CW.Y.0008.20281214T2100Z-20281215T0700Z/**

<b>WHEN:</b>	Until 7:00 AM CST, 15 December 2028	
<b>WHAT:</b>	Cold temperatures are still expected ranging from –3°C to 5°C overnight, possibly leading to frost formation in exposed areas.	
<b>Areas Affected</b>	<b>Impacts</b>	<b>Precautionary Measures</b>
Cascade (Russell City, Marion City, Shelby, Morgan, Perry) Caldwell (Opelika, Madison, Mountain Brook, Jasper, Phenix, Denver, Rockedge, Pelham) Montpelier (Lauderdale, Henry, Lawrence, Lamar)	<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>

PREPARED BY: MJ

CHECKED BY: LOO

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**Event: EXTREME COLD WARNING**

**/O.CON.CMRIAWA.EC.W.0009.20281214T2100Z-20281215T0500Z/**

<b>WHEN:</b>	Until 5:00 AM CST, 15 December 2028	
<b>WHAT:</b>	Dangerously low temperatures of $-15^{\circ}\text{C}$ to $-30^{\circ}\text{C}$ with wind chills dropping to $-40^{\circ}\text{C}$ . Moderate to strong around 35 to 55 km/h, but wind chills remain life-threatening.	
<b>Areas Affected</b>	<b>Impacts</b>	<b>Precautionary Measures</b>
Cascade (Clayton, Barbour, Orange Beach, Eufaula, Gulf Shores, Gustavus, Centerville) Caldwell (Trussville, Sheffield, Fairhope, Huntsville, Foley, Cullman, Montgomery, Selma, Hoover, Dothan, Eufaula, Anniston) Montpelier (Jefferson)	<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>

**Event: FREEZE WARNING**

**/O.NEW.CMRIAWA.FR.W.0001.20281214T2100Z-20281215T0700Z /**

<b>WHEN:</b>	Late night hours from today the early hours tomorrow.	
<b>WHAT:</b>	Temperatures dropping to $-4^{\circ}\text{C}$ to $-8^{\circ}$ are expected, leading to widespread freeze conditions. These temperatures will cause significant damage to unprotected crops, plants, and outdoor water systems.	
<b>Areas Affected</b>	<b>Impacts</b>	<b>Precautionary Measures</b>
Cascade (Macon, Limestone, Pickens, Randolph, Pike, Marshall, Marengo) Caldwell (Florence, Auburn, Cleburne, Enterprise City) Montpelier (Lee)	<ul style="list-style-type: none"><li>- Widespread damage to sensitive and unprotected vegetation</li><li>- Freezing of shallow water lines and exposed pipes</li><li>- Hazardous travel due to icy patches on roads and bridges</li><li>- Increased risk of hypothermia with prolonged exposure</li></ul>	<ul style="list-style-type: none"><li>- Protect or bring indoors sensitive plants and crops</li><li>- Insulate outdoor pipes and cover exposed water sources</li><li>- Limit outdoor exposure and dress in layered clothing</li><li>- Use caution on icy roads, especially before sunrise</li><li>- Check on vulnerable individuals and outdoor animals</li></ul>

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**Event: FROST ADVISORY**

**/O.CON.CMRIAWA.FAD.Y.0008.20281214T2100Z-20281217T0500Z/**

<b>WHEN:</b>	Until 5:00 AM CST, 17 December 2028	
<b>WHAT:</b>	Temperatures near or below freezing (0°C to 3°C) may result in frost formation, particularly on exposed surfaces, crops, and vehicles.	
<b>Areas Affected</b>	<b>Impacts</b>	<b>Precautionary Measures</b>
Teton (Cherokee, Chilton, Calhoun, Cleburne) Hayden (Clumbia, Eclectic, Blountsville, Rockford) Burley (Citronelle, Ashland, Lineville, Pinson, Heflin, Tallassee, Wilsonville, Jemison, Tuscumbia, Elba) Preston (Autauga, Bullock, Blount, Barbour, Butler) Sandpoint (Sulligent, Leeds, La Batre, Hayden, Greensboro, Rehobeth, Baldwin, Bayou)	<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>

**Event: FREEZING FOG WATCH**

**/O.NEW.CMRIAWA.FFA.0001.20281214T2100Z-20281215T0900Z /**

<b>WHEN:</b>	Until 9:00 AM CST, 15 December 2028	
<b>WHAT:</b>	Conditions are favorable for the development of freezing fog, with expected visibility dropping below 1/4 mile (400 m) and possible light ice accumulation on exposed surfaces. Surface temperatures may fall to -3°C to -7°C	
<b>Areas Affected</b>	<b>Impacts</b>	<b>Precautionary Measures</b>
Cascade (Walker, Sumter, Talladega, Lowndes) Ashton (Scottsdale, Tuscaloosa, Wilcox, Flagstaff, Washington, Mesa, Sedona, Tallapoosa, Chandler City) Caldwell (Bessemer, Prattville, Homewood) Montpelier (Houston)	<ul style="list-style-type: none"><li>- Slick and icy roads, especially bridges and elevated areas</li><li>- Reduced visibility causing hazardous travel</li><li>- Thin ice formation on vehicles, sidewalks, and outdoor structures</li><li>- Potential delays to early-morning transportation</li></ul>	<ul style="list-style-type: none"><li>- Plan for reduced visibility during late-night and early-morning hours</li><li>- Avoid unnecessary travel in fog-prone areas</li><li>- Use low-beam headlights and drive slowly if fog develops</li><li>- Stay tuned for possible upgrades to a Freezing Fog Advisory</li></ul>

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**Event: DENSE FOG ADVISORY**

**/O.CON.CMRIAWA.DF.Y.0014.20281214T2100Z-20281215T0900Z /**

<b>WHEN:</b>		Until 9:00 AM CST, 15 December 2028	
<b>WHAT:</b>		Visibility reduced to 1/4 mile (400 m) or less due to dense fog.	
Areas Affected		Impacts	Precautionary Measures
Ashton (Bisbee, Lake Havasu) Lewiston (Centre, Luverne, Childersburg, Spanish Fort, Castleberry, Greenville, McGrath City, Evergreen, Scottsboro, Boaz, Atmore, Elba, Bay Minette, Sylacauga, Opp, Alexander, Fort Payne, Cullman City) Boise (Luverne) Rexburg (Camden, Satsuma, Chatom, Bridgeport, Moulton, Stevenson) Cottonwood (Moenkopi, Dennehotso, Second Mesa, Greer) Hayden (Town Creek, Sylvan Springs) Burley (Thorsby) Sandpoint (Notasulga, 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.0014.20281214T1500Z-20281215T1200Z /**

<b>WHEN:</b>		Until 12:00 PM, 15 December 2028	
<b>WHAT:</b>		Sustained winds of 42 to 65 km/h with gusts of up to 85 km/h	
Areas Affected		Impacts	Precautionary Measures
Ashton (Blount, Winslow, Oneonta, Low, West Blocton) Mackay (Cave Creek) Lewiston (Rainsville, Brantley, Brewton) Teton (Etowan, Colbert, Escambia, Lanett, Crenshaw, Coffee, Coosa, Clarke, Valley)		<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.0014.20281214T2100Z-20281215T0730Z/**

<b>WHEN:</b>	Effective until 7:30 AM, 15 December 2028	
<b>WHAT:</b>	Sustained winds of 62 to 85 km/h with gusts of reaching 100 km/h possible.	
<b>Areas Affected</b>	<b>Impacts</b>	<b>Precautionary Measures</b>
Ashton (Girdwood, Apache, Avendale City, Gilbert, Casa, Peoria, Kingman, Yuma) Lewiston (Winfield, Gulf Shores, Roanoke, Clanton City, Luverne, Atalla, Sheffield, Livingston, Wetumpka) Boise (Tuskegee, Atalla, Athens, Shorter, Kupreanof, Fayette, Opelika, Eutaw) Teton (Clay, Fayette, Choctaw, Covington, Conecuh) Preston (Marion City)	<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.0014.20281214T2100Z-20281214T2000Z /**

<b>WHEN:</b>	Until 8:00 PM, 15 December 2028	
<b>WHAT:</b>	Sustained winds of 75 to 100 km/h with gusts of up to 130 km/h expected.	
<b>Areas Affected</b>	<b>Impacts</b>	<b>Precautionary Measures</b>
Mackay (Blountsville, Maricopa, Cottonwood, Globe, Eloy, Snowflake, Parker, Buckeye, San Luis, Coolidge, Superior, Union Springs, Butler, Camp Verde City, Florence, Fountain Hills, Greenville, Page, Bullock) Donell (Pinetop-Lakeside, Wellton City, Safford, Calhoun, Benson, Payson, Jacksonville, Polacca, Fort Defiance, Georgina, Anniston, Leupp, Fredonia, Kayenta, Oxford, Green Valley) Boise (Elkmont, Samson, Courtland, Jackson) Harrison (Gurdon, Lonoke, Heber Springs) Cottonwood (Pinedale, McNanny) Hayden (Jemison City, East Brewton, Ashville, Tarrant, Highland Lake, Ohatchee)	<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.CON.CMRIAWA.HWO.O.0008.20281214T1500Z-20281216T0000Z/**

<b>WHEN:</b>	Effective until 12:00 AM, 16 December 2028	
<b>WHAT:</b>	Widespread dense fog reducing visibility to 1/4 mile (400 m) or less, especially in river valleys, lowlands, and urban areas.  Sustained winds of 42 to 65 km/h with gusts up to 85 km/h, especially in elevated terrain and open areas.	
<b>Areas Affected</b>	<b>Impacts</b>	<b>Precautionary Measures</b>
Ashton (Gilbert, Peoria, Show, Oneonta) 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 (Pinetop-Lakeside, Wellton City, Safford, Benson, Fort Thomas, Payson, Quartzsite, Bylas, Holbrook, Clifton, Jacksonville, Polacca, Fort Defiance, Duncan, Georgina, Anniston, Leupp, Kayenta, Somerton, Oxford, Green Valley, Many Farms) Boise (Atalla, Fayette, Courtland, Eutaw, Jackson) Harrison (Gurdon, Lonoke, Heber Springs) Cottonwood (Pinedale, McNanny) Hayden (Jemison City, East Brewton, Ashville, Tarrant, Highland Lake)	<ul style="list-style-type: none"><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>- 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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