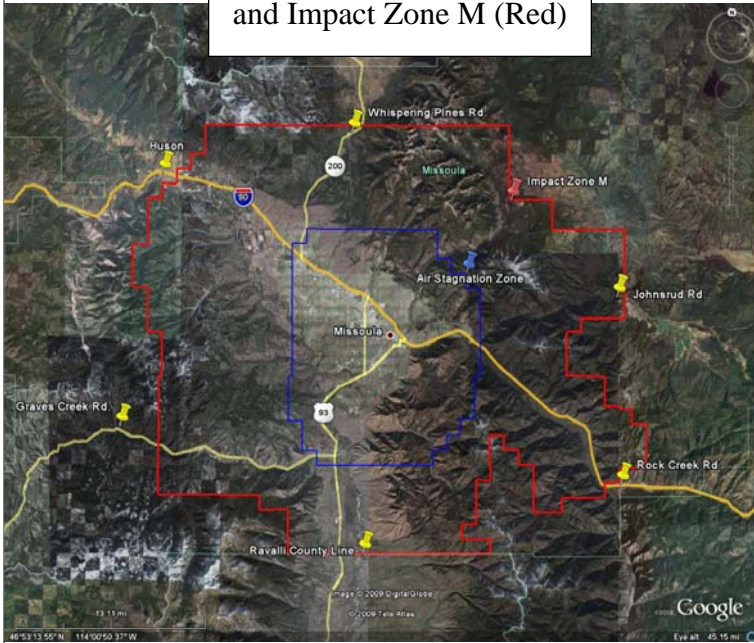


Reducing Emissions on Wintertime Bad Air Days

Air Stagnation Zone (Blue) and Impact Zone M (Red)



Current and Proposed Woodstove Restrictions

	Air Stagnation Zone <small>(expanded from high impact zone)</small>	Air Stagnation Zone <small>(expanded from high impact zone)</small>	Air Stagnation Zone <small>(expanded from high impact zone)</small>	Impact Zone M <small>(Proposed)</small>	Impact Zone M <small>(Proposed)</small>
	<i>General Stoves</i>	<i>Alert Permits</i>	<i>Sole Source Permits</i>	<i>General Stoves</i>	<i>Sole Source Permits</i>
Stage I Alert	no	✓ Limit 10 % opacity	✓ Limit 20 % opacity	✓	✓
Stage II Warning	no	no	✓ Limit 20 % opacity	no	✓ Limit 20 % opacity

No = no visible emissions allowed
 ✓ = 40% opacity limit

- The Regulation changes propose that 40% opacity limit is set for all solid fuel burning devices—woodstoves— except when building a new fire.

Stage I Alerts

AIR STAGNATION ZONE

When will Stage I Alerts be called? —Proposed regulation

- May call if 8-hour PM_{2.5} average meets or exceeds 21 ug/m³
- Shall call if 8-hour PM_{2.5} average meets or exceeds 28 ug/m³

What is required?

- In the Air Stagnation Zone only those with alert permits or sole source permits may burn
- Outside of Air Stagnation Zone burning is ok

Stage II Warnings

IMPACT ZONE M

When will Stage II Warnings be called? — Proposed regulation

- Shall call if 8-hour PM_{2.5} average meets or exceeds 35 ug/m³
- Shall call if data indicates 24-hour average of PM_{2.5} will remain at or above 35 ug/m³ if a Stage II Warning is not called.

What is required?

- Woodstoves and solid fuel burning devices must not be used during the Stage II warning unless the residence has a Sole Source Permit. If there is no other source of heat, then a sole source permit allows this residence to burn during a Stage II Warning.
- Outside of Impact Zone M burning is ok

Outside of the Air Stagnation Zone and Impact Zone M, woodstoves would NOT be restricted during Alerts or Warnings