

**ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION**  
**Division of Air Quality**  
**AIR QUALITY ADVISORY**  
**South Central Alaska #2015-06**  
**UNHEALTHY for SENSITIVE GROUPS**

**LOCATION(S) IMPACTED:** Butte and surrounding area.

**TIME/DATE OF UPDATE:** Wednesday January 21, 2015 4:00 PM.

**VALID TIME:** Wednesday January 21, 2015 4:00 PM to Thursday January 22 4:00 PM.

**TIME/DATE OF THE NEXT REPORT** Thursday January 22 4:00 PM

**ADVISORY:** Air Quality advisory for Butte and surrounding area. PM<sub>2.5</sub> concentrations in the Butte area are in the **UNHEALTHY FOR SENSITIVE GROUPS** category. Primary pollutant is wood smoke. Cold air moving into the area will trap pollutants near the ground. These conditions are expected to persist for the next 24 hours.

**People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements**

**PUBLIC IMPACT:**

This is an area forecast, and as such is a general forecast for the Butte area. Pollution levels will vary depending on precise location, local emission sources, and wind flow patterns. Note that this advisory is based in part on particulate matter readings from the Butte air quality monitoring site. Current information from that site can be found at

<http://dec.alaska.gov/applications/air/envistaweb/>

If you are sensitive to respiratory problems and experience any effects please follow the instructions of your physician.

**Under 18 AAC 50.245, open burning is not permitted in the area for which this advisory is issued.**

For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

<b>Air Quality Category</b>	<b>Cautionary Statements</b>
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

**FOR MORE INFORMATION:**

For information on PM<sub>2.5</sub> and health issues visit the Department of Environmental Conservation, Air Quality Division website at:

<http://dec.alaska.gov/air/anpms/pm/pmmain.htm>