



**FOR IMMEDIATE RELEASE**  
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**JOINT PRESS RELEASE ISSUED BY THE**  
**BUTTE COUNTY AIR QUALITY MANAGEMENT DISTRICT and**  
**BUTTE COUNTY DEPARTMENT OF PUBLIC HEALTH**

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The Butte County Air Quality Management District (BCAQMD) and Butte County Department of Public Health (BCPH) are reminding the community that wildfire smoke in Butte County is possible throughout the year but is most likely during the summer and autumn seasons. There are steps that you can take to prepare your home or business to reduce the effects of smoke during wildfire events.

**Know Where to Find Air Quality Information:**

- The AirNow Fire and Smoke Map at <https://fire.airnow.gov> includes official monitoring stations as well as many unofficial sensors throughout Butte County.
- The BCAQMD website ([www.butteairquality.com](http://www.butteairquality.com)) has daily air quality forecasts as well as links to real-time air quality data.

**Make Your Home or Business Smoke Ready:**

- Keep a stock of backup high-efficiency filters (MERV-13 or higher) that can help filter out small particulates. If you don't have a central HVAC system, consider portable air cleaners that can be placed in rooms experiencing the most use. Fixing gaps in doors and windows can help keep smoke out.
- Be prepared with a correctly-fitting N-95 respirator if you need to spend time outdoors during smoky conditions. Please note: N-95 masks are not intended for children and can be dangerous for individuals with lung and heart conditions. **Remember that a dust mask, bandana, or medical mask will not filter out smoke!**

**Know Ahead of Time:**

- Check with your doctor about what you should do during smoke events if any family member has respiratory illnesses, including asthma, or heart or lung disease.
- Be familiar with your community's resources for "clean air spaces" or places that you can go to cool down and escape the smoke safely, such as malls, book stores, and theaters.

The major air pollutant of concern during wildfires is fine particulate matter (PM<sub>2.5</sub>). While all persons may experience varying degrees of symptoms, people at increased risk include: young children, older adults, pregnant women, people who smoke, people who work outside, people experiencing homelessness, and people with respiratory conditions. Symptoms of exposure to wildfire smoke may include, but are not limited to, coughing, watery and itchy eyes, headaches, and difficulty breathing. Exposure to smoke can reduce the body's ability to fight infection and viruses and can worsen the symptoms of respiratory illnesses, such as COVID-19.

Learn more at <http://bcaqmd.org/resources-education/wildfires/> where you can find resources on tracking smoke, checking the Air Quality Index near you, and ways to protect yourself from wildfire smoke. You can also follow BCAQMD on Twitter (@bcaqmd) and BCPH on Facebook (@ButteCountyPublicHealth) and Twitter (@BC\_Pubhealth).

### Air Quality Index (AQI): Particle Pollution and Visibility Chart

Index Values	Levels of Health Concern	Cautionary Statements	Visibility Range in Miles
0-50	Good	None	10+ miles
51-100*	Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.	5 – 10 miles
101-150	Unhealthy for Sensitive Groups	People with heart or lung disease, older adults, and children should reduce prolonged or heavy exertion.	3 – 5 miles
151-200	Unhealthy	People with heart or lung disease, older adults, and children should avoid prolonged or heavy exertion. Everyone else should reduce prolonged or heavy exertion.	1.5 – 2.5 miles
201-300	Very Unhealthy	People with heart or lung disease, older adults, and children should avoid all physical activity outdoors. Everyone else should avoid prolonged or heavy exertion.	1 – 1.25 miles
301-500	Hazardous	People with heart or lung disease, older adults, and children should remain indoors and keep activity levels low. Everyone else should avoid all physical activity outdoors.	< 0.75 miles

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