

Central OR & JDICC Wildfire Air Quality Summary Report
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Air Quality Outlook

Yesterday's northerly winds drove smoke from the Murderers Creek South Fire (south of Dayville) towards Burns resulting in unhealthy air quality conditions. Today, weak surface winds will hold inversions (and smoke in affected valleys) through the early to mid-afternoon in areas closest to the South Fork Complex and Bald Sisters Fires. Late this afternoon surface winds are expected to shift and come more from the west/northwest. High temperatures with low humidity will persist and likely will result in a similar number of acres burned within the South Fork Complex and Bald Sisters Fires. Smoke from these fires may drift this afternoon and into the evening into Johns Day, Seneca, Prairie City and other surrounding communities. Tonight smoke will linger overnight in downwind low-lying valley areas and into the morning, dispersing with expected winds Friday afternoon.

Site	August 6 AQI	August 7 AQI	August 8 AQI	Remarks
Bend	Good	Good	Good	
Burns	Unhealthy	Moderate	Moderate	
Madras	Good	Good	Good	
John Day	Good	Moderate	Moderate	
Prineville	Good	Good	Good	
Seneca	No data	Moderate	Moderate	Smokey on 8/6; expect same 8/7
Sisters	Good	Good	Good	

PLEASE NOTE: The air quality outlook is based on data from automated instruments that have not been subjected to a quality assurance review to determine their accuracy.

Air Quality Index	Potential Health Impacts	Actions to Reduce Smoke Exposure
Good	Air quality is satisfactory and poses little or no health risk	None
Moderate	Air quality is acceptable for most. There may be moderate health concern for a very small number of individuals.	People with heart or lung disease, children and older adults should reduce prolonged or heavy outdoor exertion. Everyone else should limit prolonged or heavy exertion.
Unhealthy for Sensitive Groups	Members of sensitive groups may experience health effects. The general public is not likely to be affected.	People with heart or lung disease, children or older adults should reduce prolonged or heavy outdoor exertion. Everyone else should limit prolonged or heavy exertion.
Unhealthy	Everyone may begin to experience health effects. These effects may be more serious for sensitive people.	The following groups should avoid all physical outdoor activity: people with heart or lung disease, children and older adults. Everyone else should avoid prolonged or heavy exertion.
Very Unhealthy	Triggers a health alert meaning everyone may experience more serious health effects	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors.
Hazardous	Triggers health warnings of emergency conditions. Everyone is very likely to be affected by serious health effects.	The following groups should remain indoors and keep activity levels low: people with heart or lung disease, children and older adults. Everyone else should avoid prolonged or heavy exertion.

For more information visit www.oregonsmoke.blogspot.com

Air Quality data can be viewed at: <http://www.deq.state.or.us/aqi/index.aspx>