

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

**Yesterday** afternoon the South Fork Complex fire burned into heavy fuels producing a high smoke column that was carried north by upper level winds into Morrow County. Smoke modeling indicates that the source of elevated particulate levels in Baker was the Cougar Fire burning south of Lewiston, ID.

**Today and tomorrow**, an inversion will persist through late morning to early afternoon, holding in any smoke accumulated over night in valley communities. Winds are expected to drive the South Fork Complex fire into heavy unburned fuels producing significant smoke in the mid to late afternoon both today and tomorrow. South to southeast winds will push smoke towards Dayville, Mitchell, Paulina and possibly as far as Prineville. John Day may see moderate impacts from the Bald Sisters fire. Communities along the Deschutes River valley, especially Bend and northwards, may experience hazy skies in the early evening for both days.

**Overnight**, smoke is expected to settle into valley communities near the fires such as Dayville, John Day and Paulina.

Site	August 9 AQI	August 10 AQI	August 11 AQI	Remarks
Bend	Good	Good	Good	
Burns	Good	Good	Good	
Dayville	No data	Moderate	Moderate	Smoky off and on through Sunday
Madras	Good	Good	Good	
John Day	Good	Moderate	Moderate	Smoke impacts mostly over night and morning
Paulina	No data	Moderate	Moderate	Smoky off and on through Sunday
Prineville	Good	Moderate	Moderate	Smoke impacts expected late afternoon Sunday
Seneca	Good (est)	Good	Good	
Sisters	Good	Good	Good	
Unity	No data	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. AQI's estimated for sites with USFS air monitors.

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](http://www.oregonSmoke.blogspot.com)

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