

Southwest Oregon Wildfire Air Quality Summary Report
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Thursday, August 2, 2013

Yesterday, smoke remained moderate to very unhealthy throughout the Rogue, Umpqua, and Illinois Valleys. Daily average concentrations of fine particulate matter (PM2.5) from yesterday, August 1, are shown below with the corresponding level of health concern.

Site	24-hour PM2.5 (µg/m ³)	1-hour Max PM2.5	Level of Health Concern	Meaning	Actions to Protect Yourself
Roseburg	7	8	Good	Air quality is satisfactory and poses little or no health risk	None
Cave Junction	16	52	Moderate	Air quality is acceptable for most. There may be a moderate health concern for a very small very sensitive people.	Unusually sensitive people should consider reducing prolonged or heavy outdoor exertion.
Shady Cove	27	113			
Crater Lake	51	98	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 and adults should reduce prolonged or heavy outdoor exertion. Everyone one else, should limit prolonged or heavy exertion
Glendale	79	261	Unhealthy	Everyone may begin to experience more serious health effects.	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.
Grants Pass	120	420			
Provolt	139	422			
Medford	144	267			
Merlin	208	533	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.

Air Quality Forecast: This morning smoke is expected to dissipate somewhat from yesterday's conditions, as some mixing is helping disperse the smoke. However, these same conditions will lead to more fire activity and could increase the amount of smoke being generated from the fires. Smoke is expected to building back into the area tonight, although not as heavy as yesterday. Tomorrow, a similar pattern is expected.

For more information visit www.oregonsmoke.blogspot.com

For hourly information on air quality conditions in Oregon visit <http://www.deq.state.or.us/air/index.aspx>