

Southwest Oregon Wildfire Air Quality Summary Report
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Yesterday, Provolt and Grants Pass saw their air quality move from moderate conditions into the unhealthy range. Shady Cove remained unhealthy for sensitive groups while Crater Lake, Medford and Klamath Falls continued to see moderate health concerns related to smoke conditions. Rosedale's air quality remained good. Daily average concentrations of fine particulate matter (PM2.5) from yesterday, August 4, are shown below with the corresponding level of health concern and actions to protect yourself.

Site	24-hr Average PM2.5 (µg/m ³)	1-hour Max PM2.5 (µg/m ³)	Level of Health Concern	Meaning	Actions to Protect Yourself
Roseburg	11	12	Good	Air quality is satisfactory and poses little or no health risk	None
Crater Lake	28	136	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.
Medford	29	54			
Klamath Falls	34	134			
Shady Cove	53	183	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
Provolt	62	137	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	64	172			
Cave Junc	86	142			
Glendale	124	876			

Air Quality Forecast: Onshore winds will drive smoke inland during the day affecting most of southwest Oregon. Expect unhealthy conditions to persist throughout most of the day in Grants Pass, Cave Junction, Glendale, Provolt, Shady Cove and Medford. Klamath Falls will also see air quality impacts from the fires. Smoke concentrations will be particularly heavy at times in communities closest to the fires such as Glendale and Shady Cove, rising to very unhealthy conditions. Residents are advised to reduce outdoor exposure as much as possible during periods of heavy smoke.

For more information visit www.oregonSmoke.blogspot.com

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