

Southwest Oregon Wildfire Air Quality Summary Report
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Monday, August 12, 2013

Saturday's rains resulted in a significant reduction of fire activity in SW Oregon on Sunday and air quality was Good to Moderate over the entire area. A few data processing glitches lead to some delay in obtaining data from a couple of the monitoring stations, but this seems to be resolved now. Northern California fires (Salmon River Complex, Corral Complex, and the Butler Fire) were active yesterday afternoon and some smoke (mostly aloft) from those fires was over Oregon this morning.

Average concentrations of fine particulate matter (PM2.5) from yesterday, August 11 (midnight-midnight), are shown below with the corresponding level of health concern.

Values from Sunday, August 11, 2013

Site	24-hour PM2.5 (µg/m ³)	1-hour Max PM2.5	Level of Health Concern	Meaning	Actions to Protect Yourself
Chiloquin	4	9	Good	Air quality is satisfactory and poses little or no health risk	None
Ashland	9	23			
Cave Junction	14	18	Moderate	Air quality is acceptable for most. There may be a moderate health concern for a small number of people.	Unusually sensitive people should consider reducing prolonged or heavy outdoor exertion.
Klamath Falls	14	19			
Crater Lake	14	24			
Merlin	14	50			
Provolt	16	31			
Grants Pass	16	33			
Glendale	16	40			
Shady Cove	17	22			
Medford	19	24			
			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.
			Unhealthy		
			Very Unhealthy		
			Hazardous		

Air Quality Forecast: Only moderate amounts of smoke are expected today with perhaps some greater amounts in areas close to each of the complexes if burnouts are conducted this afternoon. Tonight, smoke can be expected in the primary river valleys, dispersing mid-late morning on Tuesday. Additional burnouts are planned Tuesday and Wednesday as the fine fuels dry out following the weekend's rains to reduce the potential of fire growth outside of containment lines. This will result in a decrease in air quality over the entire region, especially in areas north, east, and south of the fires in the afternoons, and down the river valleys to the west late nights and early mornings.

For more information visit www.oregonsmoke.blogspot.com

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