

Air Quality Report and Outlook for 8/29/14

The Deception Fire grew by 313 acres yesterday. Smoke from the fire was observed down drainage to the northwest as far as Dexter and up into the Cascades as far as the crest and O'Dell Lake on the Deschutes NF. The smoke started to disperse early afternoon however much of it remained trapped in the drainages. Smoke levels increased in Oakridge and along HWY 58 early Friday morning.

Expect smoke to increase through the morning around Oakridge to ***Unhealthy Levels for Sensitive Groups*** and worsen to ***Unhealthy*** in early afternoon for a short period. Smoke should lift later in the afternoon with increasing winds and improve back to ***Unhealthy Levels for Sensitive Groups***.

Deception Complex Smoke Report (prepared by John Cook and Tod Johnson, Air Resource Advisors)

Air Quality Outlook (Particulate Matter less than 2.5 µm in diameter)

Site	Friday Morning forecast Aug 29, 2014	Friday Afternoon forecast Aug 29, 2014	Friday Evening forecast Aug 29, 2014
Oakridge	Unhealthy for Sensitive Groups	Unhealthy	Unhealthy for Sensitive Groups
Westfir	Unhealthy for Sensitive Groups	Unhealthy	Unhealthy for Sensitive Groups
Hills Creek Lake Area	Unhealthy for Sensitive Groups	Unhealthy for Sensitive Groups	Unhealthy for Sensitive Groups

AQI Index (µg/m ³)	Potential Health Impacts	Actions to Protect Yourself
Good (0-12)	Air quality is satisfactory and poses little or no health risk.	None
Moderate (13-35)	Air quality is acceptable for most. There may be moderate health concern for a small number of sensitive people.	Unusually sensitive people should consider reducing prolonged or heavy outdoor exertion.
Unhealthy for Sensitive Groups (36-55)	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 older adults should reduce prolonged or heavy outdoor exertion. Everyone else should limit prolonged or heavy exertion.
Unhealthy (56-150)	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.
Very Unhealthy (151-250)	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.

For more information see the Oregon Smoke blog: <http://oregonSmoke.blogspot.com>

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