

## Deception Fire

### Air Quality Report & Outlook for Wednesday 9/24/14

Clean air dominated on Tuesday night. Air quality in the Westfir/Deception Creek and Oakridge area had readings in the “GOOD” range.

Tuesday, the Westfir/Deception Creek and Oakridge monitors had readings in the “GOOD” range. Most of the smoke stayed above ground level though occasionally, one could smell smoke in both communities.

Today’s rain, which started in the early morning hours, will mitigate fire behavior and less smoke will be produced. The air quality is expected to be “GOOD” today, tonight and tomorrow.

Smoke is still being produced on the fire from the smoldering of large logs, stumps and organic material on the forest floor. But the rain will assist in the continued mop-up efforts on the fire.

*Smoke forecasts are dependent on predicted fire growth and weather. If conditions change unexpectedly, impacts could occur.*

Deception Smoke Report (prepared by Claudia Standish, Air Resource Advisors)

### Air Quality Forecast for Wednesday, 9.24.2014

(Particulate Matter less than 2.5 µm in diameter)

Site	Wednesday Morning Sept. 24, 2014	Wednesday Afternoon Sept. 24, 2014	Wednesday Evening Sept. 24, 2014
Oakridge	Good	Good	Good
Westfir & Deception Creek Drainage	Good	Good	Good
AQI Index (µg/ m3)	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>