

Smoke Outlook: SW Oregon, Chetco Bar & Miller Complex Issued for: Thurs. Sept. 14, 2017
Synopsis

Fire Activity: Chetco Bar grew a few hundred acres to 186,365 acres with 12% containment. Miller Complex is at 34535 acres with 40% containment. On Chetco Bar: Slightly cooler temperatures again today with morning inversions. A dry cold front is expected this afternoon and winds may gust in the 15-20 mph range from the NW. Upslope/upvalley winds will be more common through morning/early afternoon before gusty NW winds pick up. On Miller Complex: A fairly strong but mainly dry cold front will move through the complex today. We may have light rain or drizzle this morning, then the afternoon will bring some sun with breezy northwest winds over the exposed areas along with cooler and more humid conditions to all areas. Tonight will be chilly with lows possibly dipping into the upper 30s in some places. Very dry air will once again lower down over the area above the inversion tonight.

Smoke: Cooling weather over the fires will reduce smoke, although other areas north and east of the fires are likely to experience heavy smoke at times throughout the day. Air quality is expected to continue to improve through tomorrow as the expected cold front will likely clear canyons and basins out.

Notes: Gold Beach monitor has failed, we plan to get it fixed, possibly later today.

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Air Quality Outlook

Sites with air quality monitors

Site	Thursday 9/14	Friday 9/15	Saturday 9/16	Notes for TODAY's forecast
Agness	USG	USG	USG	This drainage continues to collect smoke drifting down from the north end of Chetco Bar Fire.
Gold Beach	Good	Good	Good	Distance from the fire and proximity to the sea breeze eases smoke impacts
Brookings	Good	Good	Good	Distance from the fire and proximity to the sea breeze eases smoke impacts
Cave Junction	Moderate	Moderate	Moderate	Could see periods of Moderate to USG during the day.
Grants Pass	Moderate	Moderate	Moderate	Could see periods of Moderate to USG during the day.
Provolt-Seed Orchard	Moderate	Moderate	Moderate	Could see periods of Moderate to USG during the day.
Medford	Moderate	Moderate	Moderate	Could see periods of Moderate to USG during the day.
Ashland	Moderate	Moderate	Moderate	Could see periods of Moderate to USG during the day.

Disclaimer: Conditions may change quickly. These predictions are based on anticipated weather and fire activity. AQI estimates for sites do not represent a full 24-hour time period. Instead they reflect a period of time within the day where smoke impacts would be greatest.

AQI Index	Actions to Protect Yourself
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy outdoor exertion.
Unhealthy for Sensitive Groups* - USG	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	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	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors.
Hazardous	The following groups should remain indoors and keep activity levels low: People with heart or lung disease; children

*Sensitive Groups include people with heart or lung disease, children, pregnant women and older adults

Info on wildfire smoke and your health



Info on how to use visibility to estimate health impacts from wildfire smoke



Oregon Smoke Blog:
<http://oregonsmoke.blogspot.com/>
 Oregon Dept of Environmental Quality
<http://www.deq.state.or.us/aqi/>
 Chetco Bar Fire Information
<https://inciweb.nwcq.gov/incident/5385/>
 Miller Complex Fire Information
<https://inciweb.nwcq.gov/incident/5514/>