

**Weather synopsis and smoke implications:** Sunnier today than yesterday but still chance of rain. Good dispersion and winds from SW will allow smoke to remain in Good range for most of the area. However, there will still be smoke impacts localized to areas around the fires.

**Fire activity and smoke implications:** Yesterday rain decreased fire activity, but today's sunshine may cause more smoke production from areas that are still smoldering in areas within the perimeters of the Okanogan Complex, Northstar, and Kettle complex fires. It is therefore possible to get smoke as high as the Unhealthy, even Very Unhealthy range, in the morning hours at sites near these fires.

**Monitoring:** With the new weather pattern this week, impacts are going to be more localized to places near the fires. Accordingly, we have pulled the monitor from Newport and installed a new monitor in Orient to represent impacts from the Kettle Complex fires in the Kettle River Valley. Another new monitor is also in Tonasket to represent impacts off the Okanogan Complex.

Site	Yesterday	Today	Tomorrow	COMMENTS
	Monday (8/31)	Tuesday (9/01)	Wednesday (9/02)	
	AQI (midnight to midnight average)	Air Quality	Air Quality	
Spokane Metro Area	Good	Good	Good	Hourly values are now in the good range, and most of the daytime values should remain that way through Wednesday.
Davenport	Good	Good	Good	
Wellpinit	Good	Good	Good	
Inchelium	Good	Good	Good	
Tonasket	Instuff. Data	Good	Good	
Omak	Good	Good	Good	
Colville	Good	Moderate	Moderate	Nearby fire activity will cause occasional smoke and potential for concentrations in the Moderate-USG range, especially in the mornings. Most hours in the Moderate/Good range after morning inversion breaks (around 9-11 A.M.)
Kettle Falls	Good	Moderate	Moderate	
Nespelem	Unhealthy	Unhealthy	Unhealthy	Nearby fire activity will cause high variability and potential for concentrations in the Moderate-Very Unhealthy range, especially in the mornings. Most hours in the Moderate/USG range after morning inversion breaks (around 9-11 A.M.).
Republic	USG	USG	USG	
Orient	USG	Moderate	Moderate	

**Disclaimer:** Fire activity and weather may change quickly, and data from monitors can lag by an hour or two, so it's prudent to check outside visually to ensure that monitoring and patterns described above match actual conditions. These predictions are based on anticipated weather and fire activity. The air quality outlook is based on data from automated instruments that have not been subjected to a quality assurance review. AQI's estimated for sites with air monitors.

#### Links:

[smoke.airfire.org/monitoring](http://smoke.airfire.org/monitoring) (select your site from the map, check the "use AQI colors" box, and remember that GMT is 7 hrs ahead of Local (PDT) time)

<http://www.netchd.org/>

<http://wasmoke.blogspot.com/>

AirNow - <http://airnow.gov/index.cfm?action=airnow.main>

Air Quality and school Activities: <http://www.doh.wa.gov/Portals/1/Documents/Pubs/334-332.pdf>



Index Levels of Health Concern	Actions Recommended by WA Department of Ecology to Reduce Smoke Exposure
<b>Good</b>	None.
<b>Moderate</b>	People with asthma, respiratory infection, diabetes, lung or heart disease, or have had a stroke should limit outdoor activities or do activities that take less effort, such as walking instead of running.
<b>Unhealthy for Sensitive Groups - USG</b>	People with heart or lung disease Sensitive groups include people with heart or lung disease, asthma, diabetes, infants, children, adults older than 65, pregnant women, or who have had a stroke. These people should limit time spent outdoors, children and older adults should reduce prolonged or heavy outdoor exertion. Everyone else should limit prolonged or heavy exertion.
<b>Unhealthy</b>	Everyone should limit time spent outdoors. Everyone should avoid exercising outdoors (including sports teams) and choose non-strenuous indoor activities. People with asthma, respiratory infection, diabetes, lung or heart disease, or have had a stroke should stay indoors. Infants, children, pregnant women and adults over age 65 should also stay indoors.
<b>Very Unhealthy</b>	Everyone should stay indoors, do only light activities, and keep windows closed if it is not too hot. Run air conditioners on re-circulate and close the outside air intake. Use indoor air cleaners with HEPA filters, if available. If you must be outdoors, wear an N-95 respirator mask. People with chronic diseases should check with their health care provider before wearing a mask. Check with your local health department for health information. People with asthma, lung and heart disease, or have had a stroke should check with their health care provider for advice about leaving the area. Anyone with shortness of breath, wheezing, chest pain, heart palpitations, extreme fatigue, or difficulty moving or speaking should call their health care provider or call 911.
<b>Hazardous</b>	Everyone should stay indoors, do only light activities, and keep windows closed if it is not too hot. Run air conditioners on re-circulate and close the outside air intake. Use indoor air cleaners with HEPA filters, if available. If you must be outdoors, wear an N-95 respirator mask. People with chronic diseases should check with their health care provider before wearing a mask. Check with your local health department for health information. People with asthma, lung and heart disease, or have had a stroke should check with their health care provider for advice about leaving the area. Anyone with shortness of breath, wheezing, chest pain, heart palpitations, extreme fatigue, or difficulty moving or speaking should call their health care provider or call 911.