

# Air Quality Summary Report - Wolverine Fire

Thursday, August 14, 2015

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**Friday:** Red flag warning until 8pm today for both thunderstorms and flash floods. The fire burned actively all night creating moderate to unhealthy air quality before midnight and early morning for the Lake Chelan area. Approximately 10 am northwest winds 30-40 mph are expected, bringing cooler conditions. This may push hazy smoke towards the Methow Valley. Afternoon hazy conditions may exist over a large area of central Washington today.

**Saturday:** Valley inversions in the early morning coupled with light down valley winds may create local areas of smoke in Manson, Chelan, and possibly light smoke in Wenatchee. Up valley winds could improve air quality in the afternoon in Chelan and Manson. Smoke expected to drift into Methow Valley in the afternoon.

**Sunday:** Mild and drier weather expected.

Site	August 14 Today Air Quality	August 15 Saturday Air Quality	August 16 Sunday Air Quality	Comments
Chelan	Moderate	Moderate	Moderate	Today, worst air quality in the morning.
Manson	USG	USG	Moderate	Today, worst air quality in the morning.
Methow Valley	Moderate	Moderate	Moderate	Intermittent moderate air quality in the afternoon.
Wenatchee	Good	Good	Good	

Disclaimer: Conditions may change quickly, 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.

Index Levels of Health Concern	Actions Recommended by WA Department of Ecology to Reduce Smoke Exposure
Good	None
Moderate	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.
Unhealthy for Sensitive Groups	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.
Unhealthy	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.
Very Unhealthy	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.
Hazardous	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.

Webcam looking up Lake Chelan [http://www.fsvisimages.com/fstemplate.aspx?site=okwe3\\_fire1](http://www.fsvisimages.com/fstemplate.aspx?site=okwe3_fire1)

For more information about smoke in Washington State, visit <http://wasmoke.blogspot.com/>