

Air Quality Summary Report - Wolverine Fire

Sunday, August 16, 2015

Prepared by: Kelly Palmer & Andrea Holland

Sunday: Morning inversions coupled with light, terrain-driven winds may cause unhealthy air quality conditions in Manson and Chelan in the morning and hazy conditions in Wenatchee. Afternoon northwest winds are expected to send smoke from the Lake Chelan area toward Douglas and Grant Counties. The combined effects of multiple fires including Cougar, Wolverine, and the Chelan Complex could create widespread smoky/hazy conditions for most of central Washington today.

Monday: Light, down valley morning winds may cause smoky conditions in Manson and Chelan and hazy conditions in Wenatchee. Active fire behavior on Lake Chelan area fires combined with light breezes in the afternoon and evening could cause intermittent periods of heavy smoke for Manson, Chelan, and surrounding areas.

Tuesday: Sunny with breezy north-northwesterly winds most of the day. Smoke from the Lake Chelan area fires may affect air quality in Kittitas and Grant Counties most of the day.

Site	August 16 Today Air Quality	August 17 Monday Air Quality	August 18 Tuesday Air Quality	Comments
Chelan	USG	USG	Moderate	Today, worst air quality in the morning and afternoon.
Manson	USG	USG	Moderate	Today, worst air quality in the morning and afternoon.
Methow Valley	Moderate	USG	Moderate	
Wenatchee	Moderate	Moderate	Moderate	

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.

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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.
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Webcam looking up Lake Chelan http://www.fsvisimages.com/fstemplate.aspx?site=okwe3_fire1

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