

Air Quality Summary Report - Wolverine Fire

Monday, August 10, 2015

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Today: Light, down valley northwesterly winds and inversions may create smoky conditions over Stehekin and upper Lake Chelan in the early morning. South-southwesterly transport winds should move smoke to the north after morning inversions lift around 9am. Smoke and haze possible around the Methow Valley. Moderate instability and isolated showers are expected afternoon.

Tuesday: Partly cloudy with slightly warmer temperatures and a chance of isolated afternoon thunderstorms. Northwesterly winds and local inversions may create hazy/smoky conditions around the Lake Chelan area in the early morning with some mid-day clearing. Hazy/smoky conditions may develop in the Methow Valley area.

Wednesday and Thursday: Continued warming and drying with isolated afternoon thunder showers. Light terrain driven winds may create locally smoky conditions morning and night with some midday clearing. Thursday has the potential for critical fire weather as windy, dry conditions combined with scattered thundershowers are possible.

Site	August 10 Today	August 11 Tomorrow	August 12 Tuesday	Comments
Chelan	Moderate	Moderate	Moderate	Hazy/smoky conditions in the morning and at night. Some mid-day clearing.
	Good	Good	Good	
Manson	Moderate	Moderate	Moderate	
	Good	Good	Good	
Methow Valley Area	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.
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.

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

For more information about the Wolverine Fire and other fires, visit <http://inciweb.nwcg.gov/>