

# Air Quality Summary Report - Wolverine Fire

Friday, August 7, 2015

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**Today:** Warmer and drier, with an absence of the general winds which have transported smoke away from the fire area and improved local air quality over the past two days. Today's light winds will be primarily driven by terrain, and fire activity is expected to increase. Smoky conditions are predicted to persist near the fire at the north end of Lake Chelan until afternoon due to lack of transport winds. Light to moderate early morning and afternoon smoke predicted for Chelan and Manson. There is a chance that unhealthy nighttime air quality may develop as down-slope and down-valley winds move smoke into these towns.

**Tomorrow:** Sunny and warm with light morning winds. Slight chance of isolated thunder storms by mid-day and through the evening. Afternoon northwesterly winds should bring slight cooling and help transport smoke, improving afternoon air quality conditions in Chelan and Manson, but Winthrop and Twisp may experience increasingly smoky conditions throughout the evening.

**Sunday through Tuesday:** Increased chance of thunderstorms, cooler and wetter conditions possible.

Site	August 7 AQI	August 8 AQI Today	August 9 AQI	Comments
Chelan	Moderate to Unhealthy	Moderate to Unhealthy	Moderate	Unhealthy smoke conditions may exist late night Friday into early Saturday morning.
Manson	Moderate to Unhelathy	Moderate to Unhealthy	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
<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</b>	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.
<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.

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

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