

Yesterday, September 1, 2013

The [Rim Fire](#) grew approximately 8, 310 acres, to a total size of 231,088 acres. Burnout operations on the northern and southern portions of the fire continued with success through the night. Southwest transport winds returned smoke to the communities northeast of the fire, including Reno, Carson City, Markleeville, Minden, and the Lake Tahoe Basin, and returned clearer skies to the Yosemite Valley, El Portal, and the San Joaquin Valley.

Monday, September 2, 2013

Smoke will again have the heaviest impacts to communities in the immediate fire area such as Groveland, Tuolumne City, Pinecrest, Bear Valley, and Greeley Hill in the morning hours. Due to a late increase in fire activity last night Pinecrest , Bear Valley, South Lake Tahoe, and Markleeville are likely to see higher smoke impacts than those seen on previous days. Last night's fire activity doesn't appear to have crossed the Sierra crest, so impacts this morning should be mild in Reno, Carson City, and Minden, although smoke will likely return in the afternoon. Daytime transport winds will remain southwesterly, reducing impacts to the Yosemite Valley, El Portal, and the San Joaquin Valley.

Long-range outlook

Southwest transport winds will dominate for the next several days. This should keep air quality in the Yosemite Valley and areas south of the fire in the good to moderate range. Areas north and northeast of the fire, including the Lake Tahoe Basin, and Washoe and Carson valleys will see higher impacts. Communities within the immediate fire area will continue to see intense morning smoke.

Follow the links in the following table to view real-time air quality monitoring data for each site.

Site	24-hour Average PM2.5 (µg/m³)	3-hour Max PM2.5 (µg/m³)	Level of Health Concern	Meaning	Actions to Protect Yourself	Forecast For Mon. Sept. 2, 2013
La Grange Mariposa Reno	4 11 31	14-12:00 40-00:00 85-15:00	Good	Air quality is satisfactory and poses little or no health risk	None	Mariposa La Grange
Groveland Columbia S. Lk. Tahoe Greeley Hill	16 18 14 13	82-12:00 78-12:00 36-23:00 68-19:00	Moderate	Air quality is acceptable for most. There may be moderate health concern for a small number of sensitive people.	Unusually sensitive people should consider reducing prolonged or heavy outdoor exertion.	Reno Columbia El Portal Greeley Hill
Tuol. City El Portal	47 39	267-11:00 91-11:00	Unhealthy for Sensitive Groups	Members of sensitive groups may experience health effects. The general public is not likely to be affected.	People with heart or lung disease, children and older adults should reduce prolonged or heavy outdoor exertion. Everyone else should limit prolonged or heavy exertion.	Markleeville Minden S. Lk. Tahoe Groveland Tuol. Mdws
Bear Valley Tuol. Mdws* Markleeville	70 111 64	349-13:00 184-00:00 166-17:00	Unhealthy	Everyone may begin to experience more serious health effects.	The following groups should avoid all physical outdoor activity: People with heart or lung disease, children and older adults. Everyone else should avoid prolonged or heavy exertion.	Bear Valley Tuol. City
Pinecrest	170	522-10:00	Very Unhealthy	Triggers a health alert, meaning everyone may experience more serious health effects	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors.	Pinecrest
Drew Mdw ICP	255	745-10:00	Hazardous	Everyone may begin to experience more serious health effects.	People with heart or lung disease, children and older adults should avoid all physical outdoor activity. Everyone else should avoid prolonged or heavy exertion	Drew Mdw ICP

Air Quality Index (AQI) ratings are derived based on the recommendations found in [Wildfire Smoke: A Guide for Public Health Officials](#).

*-Data did not meet quality control standards. Instruments tend to overestimate heavy smoke concentrations under low flow.

For more information visit:

California Smoke Information Blog: <http://northcasmoke.blogspot.com/>

San Joaquin Valley Air Pollution Control District: <http://www.valleyair.org/Home.htm>

Mariposa County Air Quality: <http://www.mariposacounty.org/index.aspx?NID=1356>

Tuolumne County Air Pollution Control: (209)533-5174

http://portal.co.tuolumne.ca.us/psp/ps/TUP_AIR_POLL_CONTROL/ENTP/h/?tab=DEFAULT



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