

# Air Quality Index Health Ratings

An air quality monitoring station has been set up at the Eureka District Office to allow local residents to track how smoke is affecting air quality in this region. Its recording can be viewed under “USFS R1-53” at <http://www.wrcc.dri.edu/cgi-bin/smoke.pl> . To indicate the local time, subtract six hours from the time listed on the site. See the chart below to interpret the data.

PM2.5 24-hr Avg. Concentration (ug/m3)	PM2.5 1-hr Avg. Concentration (ug/m3)	Index Values	Visibility (Miles)	Level of Health Concern	Cautionary Statements
0.0 – 15.4	0.0 – 40.0	0-50	> 10	Good	None
15.5 – 40.4	40.1 – 80.0	51 – 100**	5.1 – 10.0	Moderate	None
40.5 – 65.4	80.1 – 175.0	101 - 150	3.1 – 5.0	Unhealthy for Sensitive Groups	People with respiratory or heart disease, the elderly, and children should limit prolonged exertion.
65.5 – 150.4	175.1 – 300.0	151 – 200	1.6 – 3.0	Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion, everyone else should limit prolonged exertion.
150.5 – 250.4	300.1 – 500	201 – 300	1.0 – 1.5	Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity, everyone else should avoid prolonged exertion.
250.5 +	500.0 +	301 - 500	< 1.0	Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors.

The U.S. Environmental Protection Agency has developed an Air Quality Index (AQI) to provide easy to understand information on local air quality and whether air pollution levels pose a health concern.

Air Quality Index health rankings are based on 1-hour and 24-hour concentration averages.