

Wildfire Smoke Protection Plan - Appendix F: 5-3-1 Visibility Chart

AQI Values	PM2.5 Concentration in ug/m3	Visibility Index Values (How far you can see)
0 - 50	0.0 - 12.0	over 15 miles
51 - 100	12.1 - 35.4	5-15 miles
101 - 150	35.5 - 55.4	3-5 miles
151 - 200	55.5 - 150.4	1-3 miles
201 -300	150.5 - 250.4	1 mile
301 and higher	250.5 and higher	Less than 1 mile

Note: When estimating the current AQI value by using the 5-3-1 Visibility Index, determine the limit of your visual range by looking for distant targets or familiar landmarks such as mountains, mesas, hills, or buildings at known distances (miles). The visual range is that point at which these targets are no longer visible. Ideally, the viewing of any distance target should be made with the sun behind you. Looking into the sun or at an angle increases the ability of sunlight to reflect off the smoke, and thus making the visibility estimate less reliable.