

Air Quality Report and Outlook for 11/13/2016

The Party Rock Fire has produced significant smoke in the last several days. Reduced winds and changing conditions have kept the smoke from moving out of the immediate area.

After Sunday afternoon, smoke dispersion should improve into the work week with smoke lifting higher into the atmosphere and drifting towards the South and East.

Smoke will continue to settle into low level areas in the evenings and early mornings as temperatures decrease after sunset.

Party Rock Smoke Report (prepared by John Cook, Air Resource Advisor)

Air Quality Outlook (Particulate Matter less than 2.5 µm in diameter)

Site	Sunday Evening forecast 11/13/16	Monday Morning forecast 11/14/2016	Monday Evening forecast 11/14/2016
Mill Spring	Unhealthy for Sensitive Groups	Unhealthy for Sensitive Groups	Moderate
Columbus	Unhealthy for Sensitive Groups	Unhealthy for Sensitive Groups	Moderate
Chimney Rock Area	Unhealthy for Sensitive Groups	Unhealthy for Sensitive Groups	Moderate
Asheville	Moderate	Moderate	Good

AQI (µg/m3)	Potential Health Impacts	Actions to Protect Yourself
Good	Air quality is satisfactory and poses little or no health risk.	None
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.
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.
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.
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.