

Air Quality Summary Report – Rough Ridge Wildfire

Chattahoochee National Forest

Monday November 8, 2016

Fire Information: 470-208-2839



Forecast Method: An atmospheric dispersion model predicted the air quality index (AQI) for each hour using fire activity information and forecasted meteorology data for November 8 and 9, 2016. We also used the results reported at the Rossville ambient monitoring site operated by the Georgia Department of Natural Resources, Air Protection Branch (<http://amp.georgiaair.org/>).

Tuesday: With the predicted weather pattern and anticipated fire behavior, smoke impacts in most of the communities listed below should be moderate today. Winds will shift from the northwest to the southeast and then the southwest.

Wednesday: Winds disperse the smoke initially toward the southwest and then towards the south.

Community	Tuesday Nov 8th AQI	Wednesday Nov 9th AQI	Comments
McCaysville	Moderate	Moderate	Regional smoke from numerous wildfires is dispersing into the community and decreasing air quality
Blue Ridge	Moderate	Moderate	Regional smoke from numerous wildfires is dispersing into the community and decreasing air quality
Ellijay	Unhealthy for Sensitive Groups	Moderate	Smoke from the Rough Ridge Wildfire is predicted to disperse into Ellijay between 8:00 PM and 11:00 PM
Chatsworth and Eton	Moderate	Moderate	Regional smoke from numerous wildfires is dispersing into the community and decreasing air quality
Benton and Ocoee, TN	Moderate	Moderate	Regional smoke from numerous wildfires is dispersing into the community and decreasing air quality

Disclaimer: Weather and fire activity may change quickly and alter these air quality predictions. AQI estimates for the communities do not represent a full 24-hour period but, rather, reflect a period within the day where smoke impacts would be greatest.

Air Quality Index	What the Index means for your health with regards to particulates from smoke
Good	None
Moderate	Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people.
Unhealthy for Sensitive Groups	Although general public is not likely to be affected at this AQI range, older adults and children are at greater risk from the presence of particles in the air.
Unhealthy	Everyone may begin to experience some adverse health effects, and members of the sensitive groups may experience more serious effects.
Very Unhealthy	Health warnings of emergency conditions. The entire population is more likely to be affected.
Hazardous	Health alert: everyone may experience more serious health effects.