

# Air Quality Summary Report – Rough Ridge Wildfire

## Chattahoochee National Forest

November 15, 2016

Rough Ridge Fire Information: 470.208.2839

#roughridgefire



**Weather Forecast (Monday 11/15/2016):** High pressure will remain in control of the weather on Tuesday, though a weak cold front will approach and move. Warmer temperatures and stronger winds are expected on Wednesday. Maximum Temperature will be 64F. Minimum Relative Humidity will be 32%. Winds will be north northwest 5 mph in the morning, becoming west northwest 4-8 mph around 1100.

**Yesterday (Sunday 11/14/2016):** The monitor in Chatsworth recorded hourly concentrations classified as very unhealthy, while during the day other monitors recorded unhealthy or unhealthy for sensitive groups. After sundown, some monitors are recording a few hours of concentrations classified as very unhealthy.

**Today (Monday 11/15/2016):** Tonight, Cisco, GA may have very unhealthy air quality, while the forecast for Chatsworth is to have an Air Quality Index (AQI) of code orange. Forecasted transport winds (where dispersion for most of the air pollution occurs) are 6 to 8 miles per hour. They will be dispersing the smoke in many different directions (variable) today.

**Tomorrow (Tuesday 11/16/2016):** Transport winds predicted to be 7 to 9 miles per hour with the winds dispersing the smoke in a southerly direction towards Chatsworth and then Ellijay.

Community	Yesterday's 11/14/2016 AQI	Today's 11/15/2016 AQI	Tomorrow's 11/16/2016 AQI	Comments
McCaysville	No monitor	Moderate	Moderate	Drifting smoke is likely to impact McCaysville
Blue Ridge	Unhealthy	Unhealthy	Moderate	Blue Ridge will continue to experience unhealthy air quality for all people today. Tomorrow drifting smoke may affect these communities.
Ellijay	Unhealthy for Sensitive Group	Unhealthy for Sensitive Group	Very Unhealthy	Ellijay continues with a code orange AQI. Tomorrow, smoke will disperse into the community causing very unhealthy air quality.
Chatsworth and Eton	Very Unhealthy	Unhealthy for Sensitive Group	Unhealthy for Sensitive Group	Today, recording hourly concentrations classified as unhealthy for sensitive groups such as the elderly and children. Tomorrow drifting smoke may affect these communities.
Benton and Ocoee, TN	Unhealthy for Sensitive Group	Unhealthy for Sensitive Group	Moderate	Continuing to have concentrations predicted to be unhealthy for sensitive groups. Tomorrow drifting smoke may affect these communities.

**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.