

# Air Quality Summary Report – Rough Ridge Wildfire

## Chattahoochee National Forest

November 14, 2016

Rough Ridge Fire Information: 470.208.2839

#roughridgefire



**Weather Forecast (Monday 11/14/2016):** High Pressure over the area today will lead to similar temperatures compared to Sunday. Slightly lower humidities are also anticipated with ridgetop winds generally light out of the northwest. The high will depart the area on Tuesday and allow a weak cold front to move across the area on Tuesday Night. This will lead to slightly warmer and drier conditions on Tuesday.

**Yesterday (Sunday 11/13/2016):** The monitor in Chatsworth recorded hourly concentrations classified as very unhealthy, while smoke was unhealthy for sensitive groups in Benton and Ocoee. Late last night, Blue Ridge recorded a few hours of unhealthy concentrations of fine particulate matter.

**Today (Monday 11/14/2016):** Cisco, GA may have unhealthy air quality, while Chatsworth is forecasted to have a very unhealthy Air Quality Index (AQI). Forecasted transport winds (where dispersion for most of the air pollution occurs) of 5 to 6 miles per hour. They will be dispersing the smoke in many different directions (variable) today.

**Tomorrow (Tuesday 11/15/2016):** Calm transport winds (forecast at 0 miles per hour) with the winds dispersing the smoke to the north and then becoming variable throughout the day.

Community	Yesterday's 11/13/2016 AQI	Today's 11/14/2016 AQI	Tomorrow's 11/15/2016 AQI	Comments
McCaysville	No monitor	Moderate	Good	Today, drifting smoke may affect McCaysville.
Blue Ridge	Unhealthy	Unhealthy for Sensitive Group	Moderate	Smoke will disperse towards Blue Ridge for a portion of today.
Ellijay	Unhealthy for Sensitive Group	Moderate	Good	Last night smoke settled on Ellijay causing the code orange AQI. Today, drifting smoke may affect the community.
Chatsworth and Eton	Very Unhealthy	Very Unhealthy	Unhealthy for Sensitive Group	Today, already recorded hourly concentrations classified as very unhealthy. Smoke from the wildfire continues to disperse towards Chatsworth and Eton.
Benton and Ocoee, TN	Unhealthy for Sensitive Group	Unhealthy	Good	Yesterday, high concentrations late at night. Smoke will disperse towards Benton and Ocoee, TN for a portion of today.

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.