

Smoke Synopsis

The Bald Knob Fire will see minimal smoke production from internal hot spots Friday. Due to light winds, any smoke produced will stay close to the fire, as shown by the **Green Levels** on the dispersion model output (pictured to the right).



The Wolf Creek Fire continues to smolder and produce slight smoke. Dry weather, low relative humidity and light winds will limit smoke production. Air quality will remain in the **Green Levels**, with light haze for the town of Old Fort.

Over the next few days the humidity will increase with an approaching cold front. Due to light winds and low mixing heights the ventilation index is expected to be fair; therefore, smoke will remain near the fire source with some downslope movement.

Air Quality for Friday will be in **Green Level** for Marion, Nebo, Old Fort and the Lake James Area. The **Green Levels** will extend through Saturday

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

Site	Friday forecast	Friday Evening forecast	Saturday forecast	Comments
Marion	Good	Good	Good	
Nebo	Good	Good	Good	
Old Fort	Good	Good	Good	
Lake James Area	Good	Good	Good	

AQI Legend

AQI (µg/m3)	Actions to Protect Yourself
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy outdoor exertion.
Unhealthy for Sensitive Groups	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	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	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors.
Hazardous	The following groups should remain indoors and keep activity low: people with lung disease; children and older adults. Everyone else should avoid prolonged or heavy exertion.

