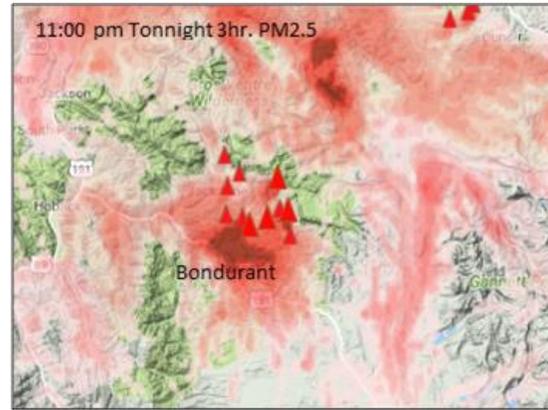
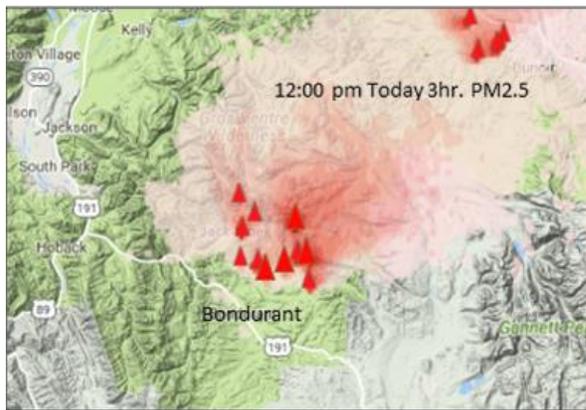


Air Quality Summary Report – Cliff Creek Fire

Issued for: **Wednesday, Aug 4, 2016**

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Yesterday's Red Flag Warning materialized right on schedule. There was a significant increase in fire activity, mostly due to pockets of unburned fuel burning on interior parts of the fire. For today we will see a stronger inversion so expect more smoke lasting longer into the day, with clearing by late morning or early afternoon for most areas (see left fig. below). With the stronger inversion and weak winds, Granite Creek may struggle to clear until afternoon. We also expect lower fire activity today than yesterday, so air quality tomorrow should be better than today. But smoky mornings with clearing in afternoon will be the norm for the next couple days. Some model runs suggest that smoke produced today may drift to the north tonight affecting Hoback and Jackson (see right fig. below).



Air Quality Outlook (smoke-related)

Sites with Air Quality Monitors				
Site	Thur Aug 4		Fri Aug 5 24 hour Avg	When smoke may be worse
	AM	PM		
Pinedale	USG	Good	Good	Smoky in the morning
Bondurant	USG	Good	Good	Smoky in the morning
Kendall Valley	USG	Good	Good	Smoky in the morning
Jack Pine	Very Unhealthy	Moderate	Very Unhealthy	Clear afternoons but due to dense morning smoke, 24 hr. average very unhealthy
Locations without monitors				
Site	Thur Aug 4		Fri Aug 5 24 hour Avg	When smoke may be worse
	AM	PM		
Hoback	Moderate	Moderate	Good	Hazy today prior to inversions lifting. Settling smoke tonight.
Jackson	Good	Moderate	Good	Smoke may drift in this evening and tomorrow morning
US 191 Corridor	Moderate	Good	Good	Smoky in the morning affecting visibility
Disclaimer: These forecasts are based on anticipated weather and fire activity. Conditions may change quickly.				
Air Quality Index (AQI) Levels of Health Concern	Actions to Protect Yourself			
Good	None			
Moderate	Highly smoke sensitive people should consider reducing prolonged or heavy outdoor activity			
Unhealthy for Sensitive Groups (USG)	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.			

For more information see: www.wildlandfiresmoke.net. Or to view monitors deployed for this fire see: <http://www.wrcc.dri.edu/cgi-bin/smoke.pl> (zoom in on map and select monitors in your area of interest).