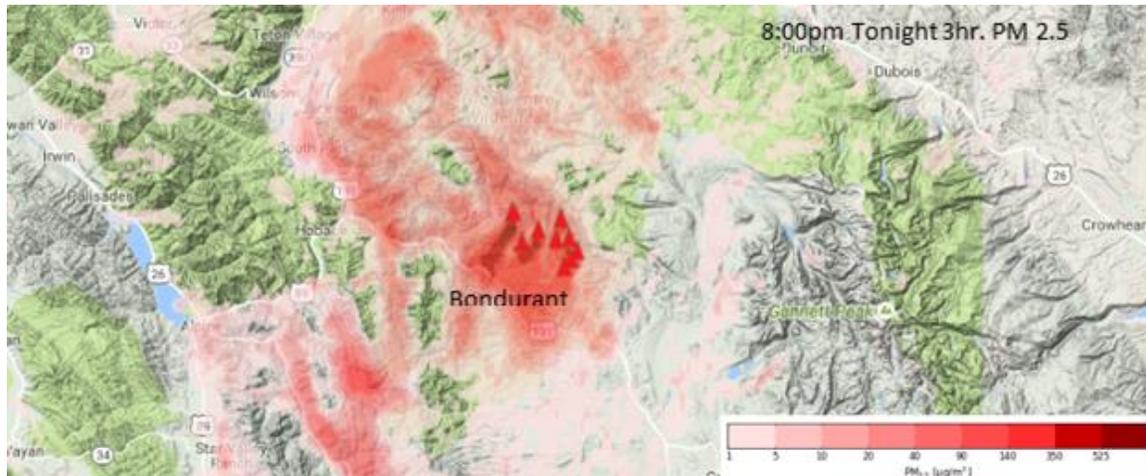


FINAL Air Quality Summary Report – Cliff Creek Fire

Issued for: Friday, Aug 5, 2016

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Yesterday’s fire activity was moderated by much lower wind speeds leading to little fire growth and less smoke than Wednesday, although interior pockets of unburned fuels continue to burn. As expected, the strong inversion yesterday did hold longer than previous days. Last night smoke drifted northwest into the area around Jackson and the Elk Refuge. Expect the recurring pattern of smoky mornings and clearing afternoons to continue for several days to weeks; as long as burning and smoldering occurs in the fire area. As is common, Granite Creek drainage may experience very unhealthy morning air quality for at least the next week or so. Some models suggest moderate smoke impacts to Bondurant and light impacts to Pinedale areas tonight (see figure below).



Air Quality Outlook (smoke-related)

Sites with Air Quality Monitors				
Site	Fri Aug 5		Sat Aug 6 24 hour Avg	When smoke may be worse
	AM	PM		
Pinedale	Good	Moderate	Good	Haze tonight and tomorrow morning
Bondurant	Good	Moderate	Good	Haze tonight and tomorrow morning
Kendall Valley	Good	Moderate	Good	Haze tonight and tomorrow morning
Jack Pine	Very Unhealthy	Moderate	Unhealthy	Clear afternoons but due to dense morning smoke, 24 hr. average very unhealthy
Locations without monitors				
Site	Fri Aug 5		Sat Aug 6 24 hour Avg	When smoke may be worse
	AM	PM		
Hoback	Good	Moderate	Good	Hazy today prior to inversions lifting. Settling smoke tonight.
Jackson	Moderate	Moderate	Good	Smoke may drift in this evening and tomorrow morning
US 191 Corridor	Moderate	Moderate	Good	Smoke affecting visibility this PM and most AM
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).