

## Air Quality Summary Report – Cliff Creek Fire

Issued for: **Wednesday, Aug 3, 2016**

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Smoke from fires in neighboring states drifted into the Hwy 191 corridor from Bondurant to Hoback Junction yesterday morning. This caused heavier smoke than forecasted in yesterday's outlook. Also the cold front moving through this morning was not as strong as earlier models suggested, so the break-down of the inversion will depend on surface heating rather than frontal winds. Smoke from other fires may enter the region again today (see figure below). But the inversion should lift by mid-late morning providing relief earlier than yesterday. Tomorrow the inversion may be stronger and difficult to break down. Granite Creek area will be very smoky in the mornings the next couple days and clearing will generally occur later than other areas.



### Air Quality Outlook (smoke-related)

Sites with Air Quality Monitors				
Site	Wed Aug 3		Thur Aug 4 24 hour Avg	When smoke may be worse
	AM	PM		
Pinedale	Good	Good	Good	
Bondurant	Moderate	Good	Good	Some haze in the mornings
Kendall Valley	Moderate	Good	Good	Light morning haze
Jack Pine	Very Unhealthy	Good	Very Unhealthy	Clear afternoons but due to dense morning smoke, 24 hr. average very unhealthy
Locations without monitors				
Site	Wed Aug 3		Thur Aug 4 24 hour Avg	When smoke may be worse
	AM	PM		
Hoback	Moderate	Good	Good	Hazy prior to inversions lifting
US 191 Corridor	Moderate	Good	Good	Some haze 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](http://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).