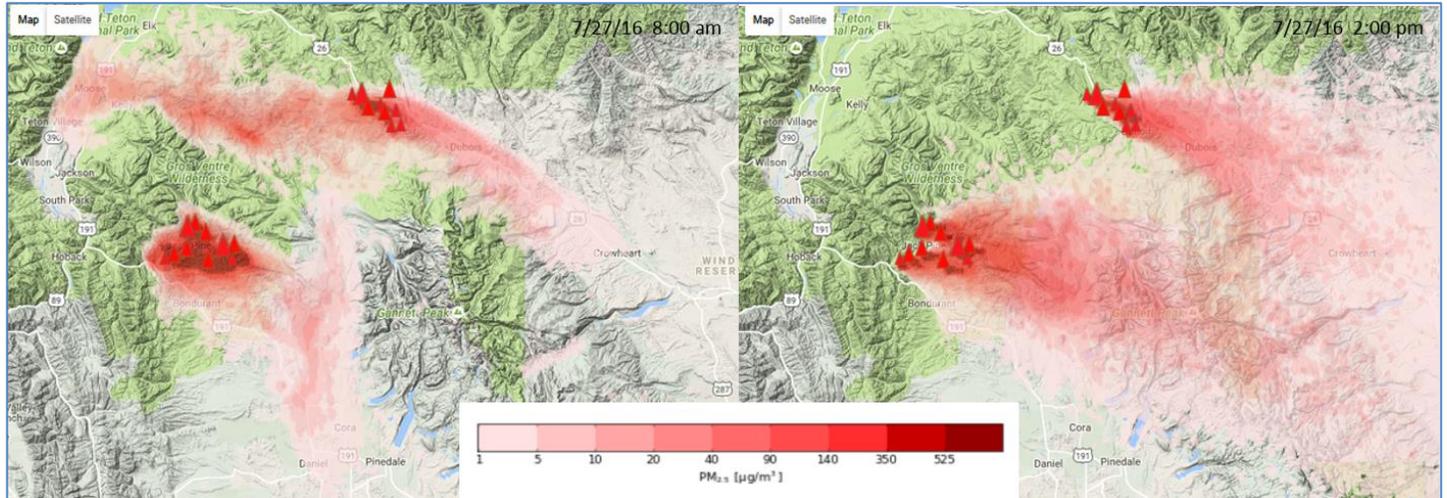


Air Quality Summary Report – Cliff Creek Fire

Issued for: Wednesday, July 27, 2016

Incident Air Resource Advisor Contact: Chuck Stanley (charles.stanley@ftw.usda.gov)

Similar to Monday, elevated fire weather led to increased fire activity yesterday. The fire activity combined with burnout operations will increase the amount of smoke settling into low lying areas under the nighttime/morning inversions Wednesday & Thursday mornings. Expect the recurring pattern of smoky mornings with potential for reduced visibility and potential travel impacts along HWY 191. Smoke models show the potential for smoke to impact the areas around the Elk Refuge for a several hours Wednesday morning (See fig. below). The inversion should again lift around 1-2 PM when west winds will push the smoke east. If possible, plan outdoor activities for later in the day.



Air Quality Outlook (smoke-related)

Sites with Air Quality Monitors (based on Air Quality Index 24 hour average)							
Site	Tue July 26		Wed July 27		Thur July 28		When smoke may be worse
	AM	PM	AM	PM	AM	PM	
Pinedale	Good	Good	Good	Good	Good	Good	Some impacts in the morning
Bondurant	USG	Good	USG	Good	USG	Good	Burnout operations could increase impacts more than the last few mornings

Locations without monitors					
Site	Wed July 28		Thur July 29		When smoke may be worse
	AM	PM	AM	PM	
Jackson	Moderate	Good	Moderate	Good	Wed morning
US 191 Corridor	USG	Good	Moderate	Good	Poor visibility 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.