

Air Quality Summary Report - Beaver Creek Fire

Issued for: Thursday, July 21, 2016

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Weather and Smoke Synopsis

High clouds early, and then cumulus build up with isolated showers developing around noon. Shallow inversions in lower drainages lifting by mid morning. Southwest winds will push smoke toward **Laramie** today. **Walden** and **Cowdrey** will have light smoke levels today. **Saratoga** is expected to have light levels this morning and evening hours today. Smoke may create hazy skies across for North Park, Cheyenne and Laramie today. Fort Collins should have light smoke levels today.

Air Quality Outlook

Sites with air quality monitor				
Site	Yesterday	Today	Tomorrow	When smoke may be worse
Laramie	Good	Good	Good	Expect Good smoke levels morning with hazy skies this evening.
Walden	Good	Good	Good	Expect Good smoke levels today
Cheyenne	Good	Good	Good	Expect Good smoke levels today.

Sites without a monitor				
Site	Today	Tomorrow	When smoke may be worse	
Lake John	Good	Good	Expect Good smoke levels today with hazy skies this evening.	
Saratoga	Good	Good	Expect light smoke impacts early morning, this evening and to early morning tomorrow.	
Cowdrey	Good	Good	Light smoke may be present this late evening to early morning tomorrow.	

Disclaimer: Conditions may change quickly. These predictions are based on anticipated weather and fire activity. AQI estimates for sites do not represent a full 24-hour time period. Instead they reflect a period of time within the day where smoke impacts would be greatest.

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 exertion.
Unhealthy for Sensitive Groups (USG)	People within Sensitive Groups* should <u>reduce</u> prolonged or heavy outdoor exertion. Everyone else may find relief by limiting prolonged or heavy outdoor exertion.
Unhealthy	People within Sensitive Groups* should <u>avoid all</u> physical outdoor activity. Everyone else should avoid prolonged or heavy outdoor exertion.

* Sensitive Groups include people with heart or lung disease, children, pregnant women and older adults

Info on wildfire smoke and your health

Info on how to use Visibility to estimate health impacts from wildfire smoke

