



Smoke Outlook

South Central Colorado Saint Charles Fire

10/31 - 11/01

Issued by Wildland Fire Air Quality Response Program on October 31, 2023 at 07:35 AM MDT

Special Statement

This will be the last Daily Smoke Outlook published for this incident.

Fire

Daytime temperatures will be warming through the week, but overnight low temperatures will still be below freezing. By the weekend, daytime temperatures will be in the low 50's, with light winds from the west/southwest. Fire activity may pick up as temperatures rise, snow melts, and fuels dry out, but activity will be limited to hot spots scattered across the fire landscape.

Smoke

In the short term, as there's not much expected in the way of fire activity, smoke isn't expected to be an issue. A few small hot spots were observed during aerial reconnaissance yesterday. As the week progresses, with continued snowmelt exposing fuels, any holdover heat in heavier fuels can be expected to generate smoke. Hot spots will be reduced as continued low overnight temperatures put them out. Locally, the public might smell smoke. From a distance, smoke may be visible as light haze.



Daily AQI Forecast* for Tuesday

Station	Yesterday			Mon 10/30	Comment for Today -- Tue, Oct 31	Forecast*	
	hourly					Tue 10/31	Wed 11/01
Colorado College	6a	noon	6p		Air quality should remain Good.		
Colorado City Area	No hourly data				From PurpleAir sensor - Air quality should remain Good.		
Pueblo area	No hourly data				From PurpleAir sensor - Air quality should remain Good.		

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Air Quality Index (AQI)	Actions to Protect Yourself
Good	None
Moderate	Unusually sensitive individuals should consider limiting prolonged or heavy exertion.
USG	People within Sensitive Groups* should reduce prolonged or heavy outdoor exertion.
Unhealthy	People within Sensitive Groups* should avoid all physical outdoor activity.
Very Unhealthy	Everyone should avoid prolonged or heavy exertion.
Hazardous	Everyone should avoid any outdoor activity.

***Disclaimer:** This forecast is based on fine particulates only; ozone is not included. Forecasts may be wrong; use at own risk. Use caution as conditions can change quickly. See your health professional as needed. Smoke sensitive groups should take appropriate precautions.

Additional Links

InciWeb -- <https://inciweb.nwcg.gov>

Fire and Smoke Map -- <https://fire.airnow.gov>



Issued by Interagency Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net

South Central Colorado Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/638a8eaf>

*Smoke and Health Info -- www.airnow.gov/air-quality-and-health