



# Smoke Outlook

## South Central Colorado Saint Charles Fire

# 10/30 - 10/31

Issued by [Wildland Fire Air Quality Response Program](#) on October 30, 2023 at 08:07 AM MDT

### Fire

High pressure will settle in over the region today and on Halloween behind yesterday's snow. Despite sunny skies, temperatures will remain cold, running 15-20 degrees below normal for this time of year. Expect that this will hold much of the snowpack over the fire area at least through today. Winds will be easterly today then begin to turn southerly on Halloween, helping to start a slow warming trend. Humidity recoveries at night will be excellent to good and afternoon relative humidity should only slip down into the 30-40 percent range. There is little to no fire activity expected until snowmelt exposes fuels. By Wednesday, snow may have melted enough to allow some areas where heat has hibernated in heavier fuels to begin showing some activity.

### Smoke

There should be no smoke to speak of coming from the fire area until snow begins to melt, exposing heavier fuels that may have held enough heat to keep smoldering. What smoke is generated should remain local to the fire site. Air quality should stay Good for the next several days.



Daily AQI Forecast\* for Monday

Station	Yesterday	Sun	Comment for Today -- Mon, Oct 30	Forecast*	
	hourly	10/29		Mon 10/30	Tue 10/31
Colorado College			Air quality should remain Good.		
Colorado City Area	No hourly data		From PurpleAir sensor - Air quality should remain Good. Smoke may be visible.		
Pueblo area	No hourly data		From PurpleAir sensor - Air quality should remain Good. Smoke may be visible.		

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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 <b>reduce</b> prolonged or heavy outdoor exertion.
Unhealthy	People within Sensitive Groups* should <b>avoid all</b> 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) -- <https://inciweb.nwcg.gov>

[Fire and Smoke Map](https://fire.airnow.gov) -- <https://fire.airnow.gov>



Issued by Interagency Wildland Fire Air Quality Response Program -- [www.wildlandfiresmoke.net](http://www.wildlandfiresmoke.net)

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

\*Smoke and Health Info -- [www.airnow.gov/air-quality-and-health](http://www.airnow.gov/air-quality-and-health)