



# Smoke Outlook

## SW Utah Silver King

# 7/13 - 7/14

Issued by Wildland Fire Air Quality Response Program on July 13, 2024 at 07:23 AM MDT

### Special Statement

**EXCESSIVE HEAT WARNING REMAINS IN EFFECT UNTIL MIDNIGHT TONIGHT**

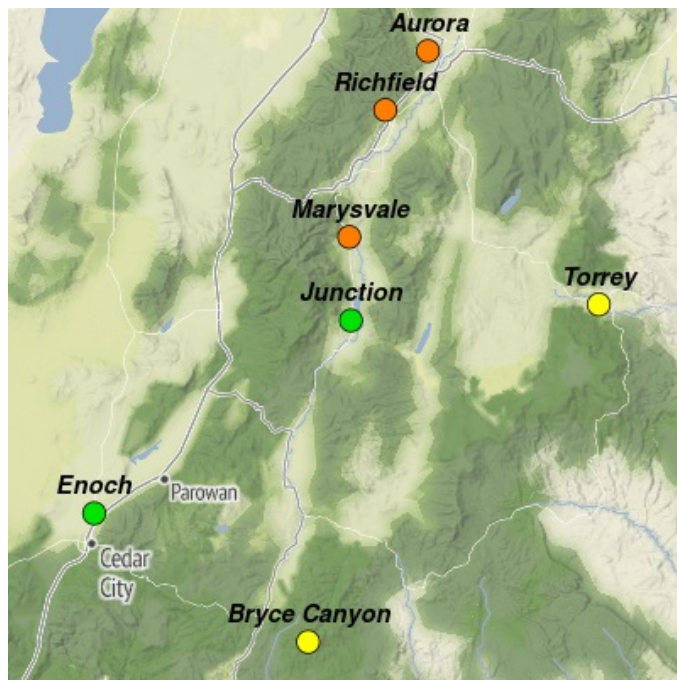
**RED FLAG WARNING REMAINS IN EFFECT FROM NOON TODAY TO 10 PM MDT THIS EVENING FOR DRY THUNDERSTORMS AND GUSTY OUTFLOW WINDS**

### Fire

The Silver King fire has consumed 16,745 acres with a growth of 1197 acres on Friday. Active fire behavior with short crown runs, running and creeping.

### Smoke

Transport winds will be south to SW today which will result in areas to the south of the fire to have improved air quality while communities to the north of the fire from Marysvale to Salina to have decreased air quality. Convection this afternoon could produce outflow winds in any direction resulting in a rapid increase of smoke to USG AQ or higher levels for several hours in nearby valleys.



Daily AQI Forecast\* for Saturday

Station	Yesterday	Fri 7/12	Comment for Today -- Sat, Jul 13	Forecast*	
	hourly			Sat 7/13	Sun 7/14
Enoch			Overall GOOD AQ as the transport winds shift to southerly next few days.		
Junction			Overall GOOD AQ		
Bryce Canyon	No hourly data		Borderline MODERATE AQ, with several hours of GOOD AQ this afternoon and evening		
Torrey	No hourly data		Overall Moderate AQ but with periods of GOOD this afternoon and evening.		
Aurora	No hourly data		Overall USG but could range from MODERATE to VERY UNHEALTHY AQ.		
Marysvale			Overall USG AQ with AQ ranging from UNHEALTHY at night to MODERATE AQ by day.		
Richfield	No hourly data		Overall USG AQ, but AQ could vary between MODERATE and VERY UNHEALTHY.		

Issued Jul 13, 2024 by Mark Struthwolf (mstruthwolf@gmail.com)

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

Utah traffic cameras -- <https://udottraffic.utah.gov/>

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

SW Utah Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/adeab32d>

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