



Smoke Outlook

SW Utah Silver King

7/14 - 7/15

Issued by Wildland Fire Air Quality Response Program on July 14, 2024 at 07:37 AM MDT

Special Statement

RED FLAG WARNING IN EFFECT FROM NOON TO 9 PM MDT SUNDAY FOR DRY THUNDERSTORMS AND GUSTY OUTFLOW WINDS

Fire

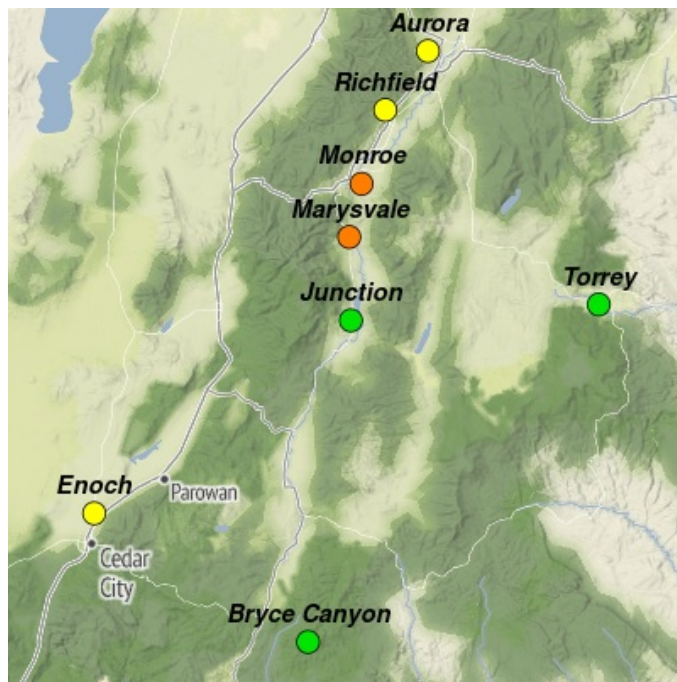
The Silver King fire has consumed 17,542 acres with a growth of 797 acres on Saturday. Active fire behavior with short crown runs, running and creeping. Containment is now 7%.

Smoke

Transport winds will continue to be SW today which will result in areas south of the fire having improved air quality while communities to the north will continue 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. Westerly downslope winds are possible tonight which could push AQ in Marysvale to VERY UNHEALTHY or worse. Smoke from other nearby fires may also adversely impact AQ in the general area.

Actions to take

Continue to limit your smoke exposure during periods of high smoke concentration by staying indoors with windows closed and air conditioning on, if possible.



Daily AQI Forecast* for Sunday

Station	Yesterday		Sat 7/13	Comment for Today -- Sun, Jul 14	Forecast*	
	hourly				Sun 7/14	Mon 7/15
	6a	noon	6p			
Aurora	No hourly data			Overall MODERATE but could range from GOOD to UNHEALTHY AQ.	Yellow	Yellow
Richfield	No hourly data			Overall MODERATE AQ.	Yellow	Yellow
Monroe	No hourly data			USG AQ but will range from a few hours of GOOD AQ to UNHEALTHY AQ.	Orange	Orange
Marysvale			Orange	Overall USG AQ with AQ ranging from UNHEALTHY to GOOD.	Orange	Orange
Junction			Green	Overall GOOD AQ	Green	Green
Torrey	No hourly data			Overall GOOD AQ but with periods of MODERATE AQ this morning.	Green	Green
Enoch			Green	Other fires in the area will bring MODERATE AQ to the area.	Yellow	Yellow
Bryce Canyon	No hourly data			GOOD AQ.	Green	Green

Issued Jul 14, 2024 by Mark Struthwolf (mstruthwolf@gmail.com)

Air Quality Index (AQI)	Actions to Protect Yourself
Green Good	None
Yellow Moderate	Unusually sensitive individuals should consider limiting prolonged or heavy exertion.
Orange USG	People within Sensitive Groups* should reduce prolonged or heavy outdoor exertion.
Red Unhealthy	People within Sensitive Groups* should avoid all physical outdoor activity.
Purple Very Unhealthy	Everyone should avoid prolonged or heavy exertion.
Dark Purple 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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Issued by Interagency Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net

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

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