



# Smoke Outlook

## Southern Sequoia Lightning Fires

7/23 - 7/24

Issued by [Wildland Fire Air Quality Response Program](#) on July 23, 2024 at 07:32 AM PDT

### Special Statement

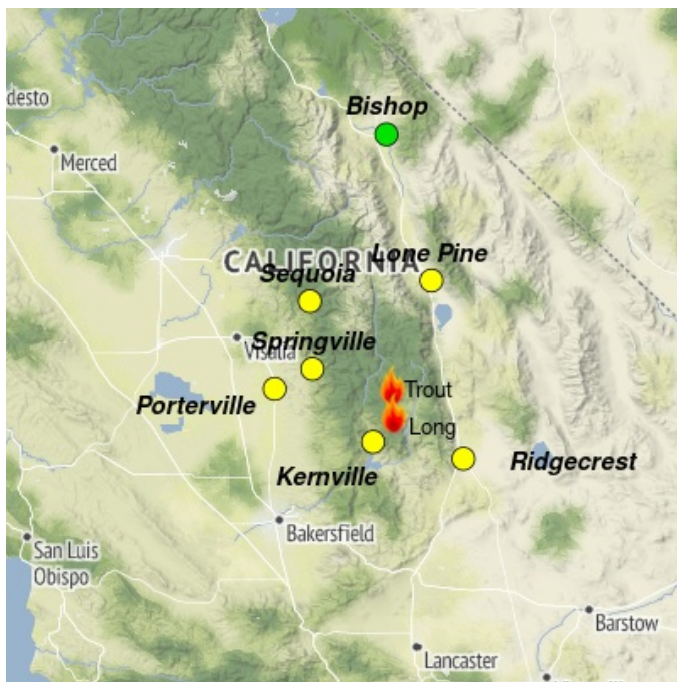
Convective thunderstorms are likely in the Outlook area today and could include strong outflow winds, heavy rain, and ground lightning.

### Fire

The SW side of the Trout fire was impacted by outflow winds yesterday and experienced an uptick in fire activity. Similar fire behavior is likely today with an increased chance of thunderstorms. Expected fire behavior includes group torching, spotting, and uphill runs. Additional tactical firing operations along the Sherman Pass road may be conducted today to improve containment lines. Additional information can be found here [SQF Lightning Fires Inciweb](#)

### Smoke

Yesterday, smoke transport was impacted by convective thunderstorms and generally tracked N/NE. Today, similar smoke transport is expected; however, outflow winds from thunderstorms could cause erratic smoke movement. Expect generally MODERATE conditions in eastern foothill communities. The Owens Valley should see generally GOOD to MODERATE conditions as well; however, there is a chance for heavier impact in the Rose Valley area. Smoke will again pool overnight and should begin to lift by early afternoon.



Daily AQI Forecast\* for Tuesday

Station	Yesterday			Mon 7/22	Comment for Today -- Tue, Jul 23	Forecast*	
	hourly					Tue 7/23	Wed 7/24
Bishop	6a	noon	6p	Green	Generally GOOD air quality with potential periods of MODERATE in the afternoon	Green	Green
Lone Pine	[Hourly AQI bars]			Yellow	Generally MODERATE, improving in the afternoon, smoke settling in the PM	Yellow	Yellow
Ridgecrest	No hourly data				MODERATE in the AM, improving midday, smoke returning overnight	Yellow	Yellow
Sequoia	[Hourly AQI bars]			Green	GOOD to MODERATE in the AM, Generally MODERATE as smoke moves N	Yellow	Yellow
Porterville	[Hourly AQI bars]			Yellow	Generally GOOD to MODERATE conditions throughout the day	Yellow	Yellow
Springville	[Hourly AQI bars]			Yellow	MODERATE in the AM, improving throughout the day, settling overnight	Yellow	Yellow
Kernville	No hourly data				MODERATE to USG in the AM as smoke mixes down, improving in the afternoon	Yellow	Yellow

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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 <b>reduce</b> prolonged or heavy outdoor exertion.
Red - Unhealthy	People within Sensitive Groups* should <b>avoid all</b> physical outdoor activity.
Purple - Very Unhealthy	Everyone should avoid prolonged or heavy exertion.
Brown - 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

- [Lightning Fire Inciweb](https://inciweb.wildfire.gov/incident-information/casqf-2024-sqf-lightning) -- <https://inciweb.wildfire.gov/incident-information/casqf-2024-sqf-lightning>
- [Fire and Smoke Map](https://fire.airnow.gov/) -- <https://fire.airnow.gov/>
- [Be Smoke Ready!](https://www.wildlandfiresmoke.net/smoke-ready) -- <https://www.wildlandfiresmoke.net/smoke-ready>