



Smoke Outlook

Southern Sequoia Lightning Fires

7/24 - 7/25

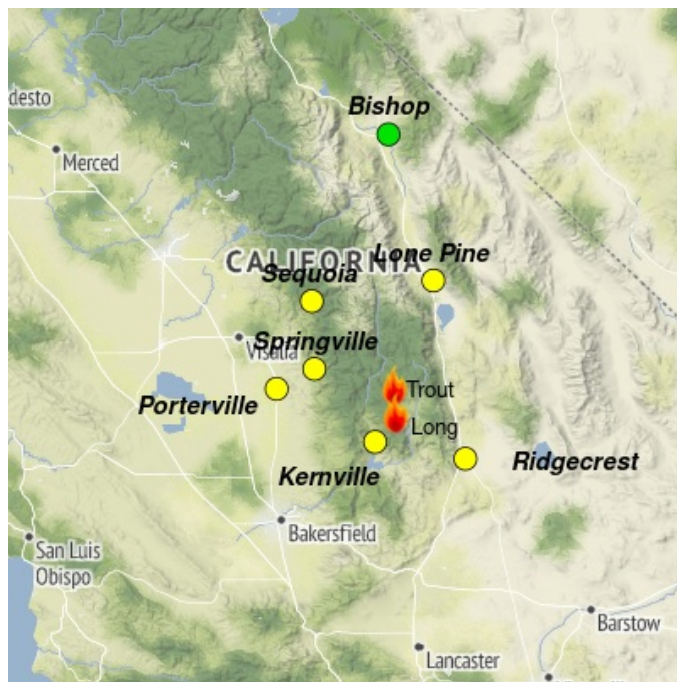
Issued by [Wildland Fire Air Quality Response Program](#) on July 24, 2024 at 08:02 AM PDT

Fire

Yesterday's afternoon thunderstorm activity brought wetting rains to portions of the fire and moderated fire behavior. Today, higher relative humidity and slightly cooler temperatures will continue that moderation; however, additional thunderstorms are possible in the afternoon and outflow winds could cause erratic fire behavior. Expected fire behavior includes smoldering, single tree/small group torching, spotting, and potential short uphill runs. Additional information can be found here [SQF Lightning Fires Inciweb](#)

Smoke

Yesterday, smoke transport was impacted by convective thunderstorms and dispersed generally to the N/NW and E. Convective activity will likely impact smoke movement again today, but transport will be generally to the NW through the late afternoon, becoming more SE in the evening. Outflow winds from thunderstorms have the potential to cause erratic smoke movement. Expect generally MODERATE conditions in western foothill communities. The north Owens Valley should see generally GOOD conditions, with MODERATE in the south valley. Smoke will again pool overnight and there is a chance for heavier impact in the Indian Wells Valley overnight.



Daily AQI Forecast* for Wednesday

Station	Yesterday			Tue 7/23	Comment for Today -- Wed, Jul 24	Forecast*	
	hourly					Wed 7/24	Thu 7/25
Bishop	6a	noon	6p	●	Generally GOOD air quality with potential brief periods of MODERATE	●	●
Lone Pine	[Hourly AQI chart]			●	Generally MODERATE, improving in the afternoon, smoke settling in the PM	●	●
Sequoia	[Hourly AQI chart]			●	GOOD to MODERATE in the AM, Generally MODERATE as smoke moves NW	●	●
Springville	[Hourly AQI chart]			●	MODERATE in the AM and continuing throughout the day, settling overnight	●	●
Porterville	[Hourly AQI chart]			●	Generally MODERATE conditions throughout the day	●	●
Ridgecrest	No hourly data				MODERATE in the AM, improving midday, smoke returning overnight	●	●
Kernville	No hourly data				MODERATE to USG in the AM as smoke mixes down, improving in the afternoon	●	●

Issued Jul 24, 2024 by Andrea Nick andrea.nick@usda.gov

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

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



Issued by Interagency Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net
 Southern Sequoia Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/1de35118>
 *Smoke and Health Info -- www.airnow.gov/air-quality-and-health