



# Smoke Outlook

## Southern Sequoia Lightning Fires

# 7/28 - 7/29

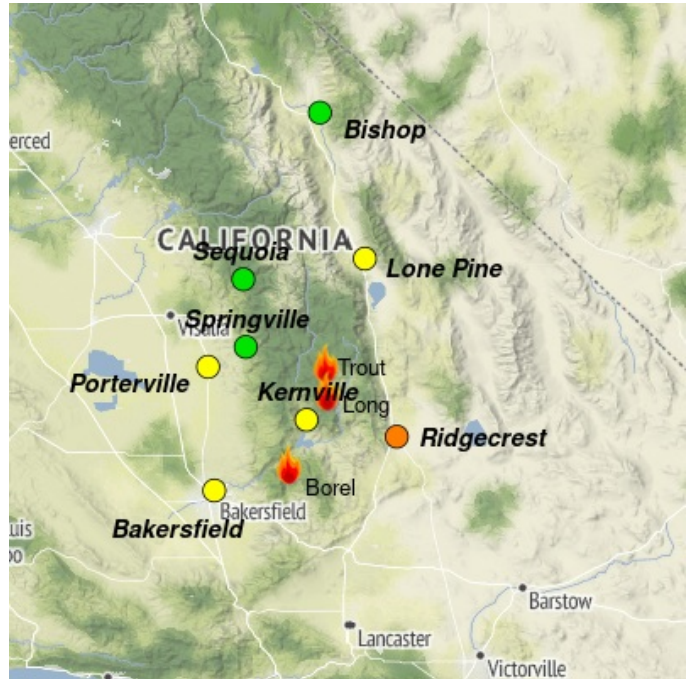
Issued by [Wildland Fire Air Quality Response Program](#) on July 28, 2024 at 08:05 AM PDT

### Fire

Yesterday, Red Flag conditions increased interior activity on the Trout Fire near Boone Meadow and there was some SE progression just south of Smith Meadow. The Borel Fire was very active and moved to E/NE. Progression of the Borel is expected again today, largely to the east. Expected fire behavior on the Borel includes crown fire runs and long-range spotting. Additional information can be found here [SQF Lightning Fires Inciweb](#)

### Smoke

Yesterday, smoke transport was influenced by high westerly winds and tracked to the east/northeast. The plume from Borel impacted the Coso Junction area and Indian Wells Valley, causing periods of VERY UNHEALTHY air quality there. Today, westerly flow will continue and western foothill communities and the North Owens Valley will see generally cleaner air with GOOD to MODERATE conditions expected as smoke stays to their east and south, respectively. The southern Owens Valley can expect periods of MODERATE to UNHEALTHY conditions from Coso Junction to Ridgecrest. Lake Isabella and Kernville can expect periods of MODERATE to USG in the AM through midday as smoke mixes down and begins to track east.



Daily AQI Forecast\* for Sunday

Station	Yesterday			Sat 7/27	Comment for Today -- Sun, Jul 28	Forecast*	
	hourly					Sun 7/28	Mon 7/29
	6a	noon	6p				
Sequoia					GOOD to MODERATE in the AM, Generally GOOD as smoke moves east		
Springville					Generally GOOD to MODERATE in the AM as west winds increase		
Porterville					Generally MODERATE to GOOD conditions throughout the day as west winds increase		
Lone Pine					GOOD to MODERATE in the AM, smoke increasing and settling in the PM		
Ridgecrest	No hourly data				MODERATE in the AM, degrading to USG/UNHEALTHY in the PM		
Bishop					Generally GOOD air quality with potential brief periods of MODERATE		
Bakersfield					Generally MODERATE, improving in the afternoon as west winds increase		
Kernville					Periods of MODERATE to UNHEALTHY in the AM, improving in the PM		

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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

- [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/>