



Smoke Outlook

Southern Sequoia Lightning Fires

7/18 - 7/19

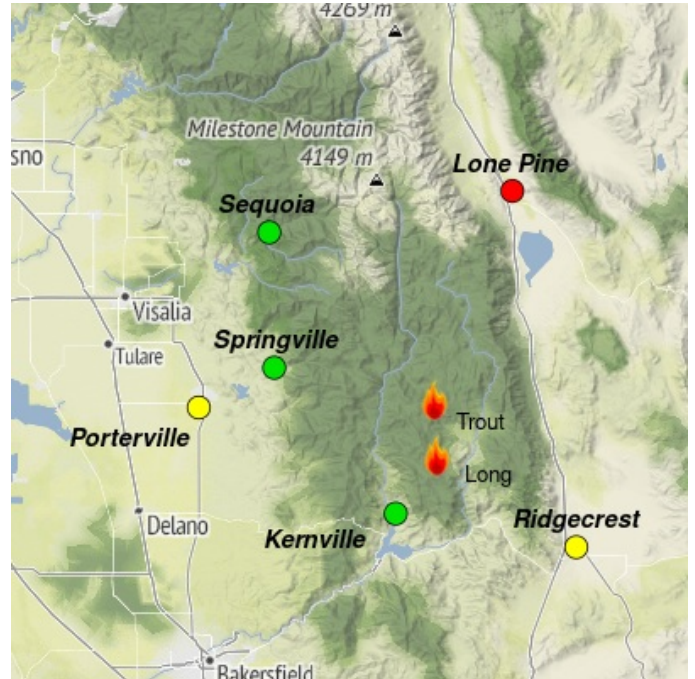
Issued by [Wildland Fire Air Quality Response Program](#) on July 18, 2024 at 07:53 AM PDT

Fire

Acorn Fire: 5 acres - 80% containment Packsaddle Fire: 47 acres - 50% containment Long Fire: 888 acres - 0% containment, Trout Fire: 7,208 acres - 0% containment. Trout and Long fires are expected to have moderate to high fire behavior as vegetation moistures are approaching critically dry conditions and smoke production will likely increase. Other lightning fires are expected to stay within their current footprints and thus little to no smoke production.

Smoke

Overall smoke pattern for Thursday July 18th is expected to be similar to the previous day. smoke heads north during the afternoon and continues clockwise until the evening hours with most smoke pooling into the southern Owens Valley overnight. Influx of monsoon moisture and possible thunderstorm outflows may disrupt the general flow of smoke when present. Over the weekend, background levels of smoke along the front range of the Sierra Nevada will likely increase with the comingling of smoke from additional fires within the state.



Daily AQI Forecast* for Thursday

Station	Yesterday hourly			Wed 7/17	Comment for Today -- Thu, Jul 18	Forecast*	
	6a	noon	6p			Thu 7/18	Fri 7/19
Sequoia					NA		
Springville					Current wind patterns keep smoke away, but background increasing over weekend.		
Porterville					NA		
Lone Pine					NA		
Kernville	No hourly data				Expect similar conditions to yesterday. Monsoon moisture may affect forecast.		
Ridgecrest	No hourly data				NA		

Issued Jul 18, 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

[Inciweb link for the incident](https://inciweb.wildfire.gov/incident-information/casqf-2024-sqf-lightning) -- <https://inciweb.wildfire.gov/incident-information/casqf-2024-sqf-lightning>



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