



# Smoke Outlook

## Central Sierra- Greater Tahoe Area Mosquito Fire

9/10 - 9/11

Issued by Wildland Fire Air Quality Response Program on September 10, 2022 at 10:31 AM PDT

### Fire

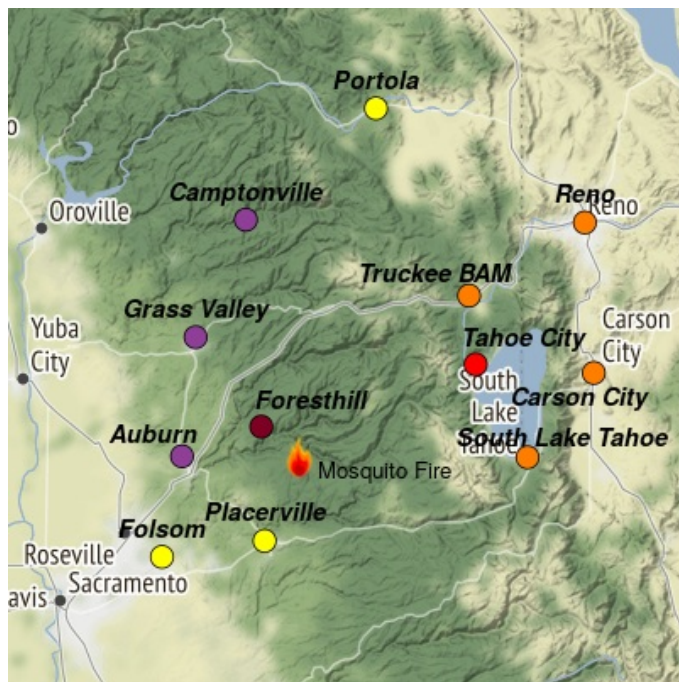
Latest mapping has the fire at over 34,000 acres, with less growth than yesterday. High clouds from the remnants of hurricane Kay, combined with persistent smoke at the surface this morning are likely moderate fire behavior.

### Smoke

Persistent smoke remains in the area this morning with Nowcast hourly values in the Hazardous range in the foothill sites of our forecast map, and Unhealthy in South Lake Tahoe. The high clouds today are likely to prevent some of this smoke from blowing out completely, and more smoke for the foothill areas north and east of the fire is likely tonight. Moderate to Unhealthy for Sensitive Groups range concentrations are likely to continue on the east side of the Sierra (Reno and Carson City) and Sierra valley (Portola).

### More Info:

Mosquito Fire Information:  
<https://inciweb.nwcg.gov/incident/8398/> California Smoke Blog: <http://californiasmokeinfo.blogspot.com/>



Daily AQI Forecast\* for Saturday

Station	Yesterday hourly			Fri 9/09	Comment for Today -- Sat, Sep 10	Forecast*	
	6a	noon	6p			Sat 9/10	Sun 9/11
Camptonville	No hourly data			●	Some relief expected this afternoon, but heavy smoke likely moving back in overn	●	●
Portola				●	SW winds likely to bring more smoke by evening	●	●
Carson City				●	Good/Moderate range throughout the day likely; more smoke moving in late evening	●	●
Reno				●	Smoke likely to increase gradually through today, potentially to Unhealthy range	●	●
Folsom				●	Likely Moderate range all day	●	●
Tahoe City				●	Potential for smoke increasing to Very Unhealthy range overnight	●	●
Truckee BAM				●	SW winds today likely to bring more smoke by evening	●	●
Foresthill				●	Heavy overnight smoke to Hazardous range; some late afternoon relief possible	●	●
Placerville				●	Heavy smoke this afternoon; potential improvements overnight and into the morning	●	●
Auburn				●	Early morning Hazardous range smoke will likely decrease to Unhealthy or better	●	●
South Lake Tahoe				●	More smoke could to blow in from the fire late afternoon	●	●
Grass Valley				●	Some relief likely this afternoon; likely returns to Very Unhealthy tonight	●	●

Issued Sep 10, 2022 by Leland Tarnay (leland.tarnay@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 <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

California Smoke Spotter (cell phone app) -- <https://ww2.arb.ca.gov/news/california-air-resources-board-launches-california-smoke-spotter-app>

Protecting Yourself from Wildfire Smoke -- <https://ww2.arb.ca.gov/protecting-yourself-wildfire-smoke>



Issued by Interagency Wildland Fire Air Quality Response Program -- [www.wildlandfiresmoke.net](http://www.wildlandfiresmoke.net)  
 Central Sierra- Greater Tahoe Area Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/76d08bea>  
 \*Smoke and Health Info -- [www.airnow.gov/air-quality-and-health](http://www.airnow.gov/air-quality-and-health)