



# Smoke Outlook

## Central Sierra- Greater Tahoe Area Mosquito Fire

9/14 - 9/15

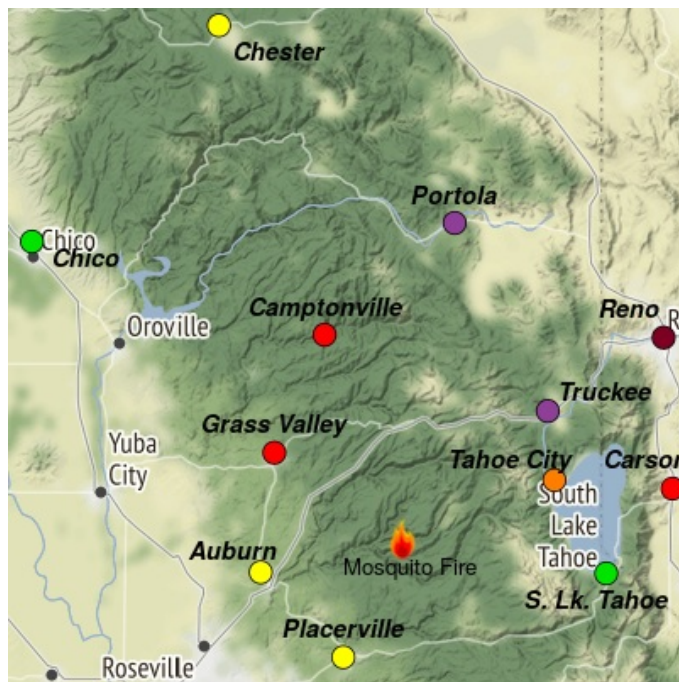
Issued by Wildland Fire Air Quality Response Program on September 14, 2022 at 08:53 AM PDT

### Fire

This morning's mapping the fire at just over 58,000 acres, for a growth of over 9000 acres yesterday, with containment is at 20%. Today, fire activity is again likely to be elevated under clear skies, consistent SW winds, and with fuels continuing to be at record dryness. Tomorrow, fire activity conditions moderate a bit as temperatures decrease in the wake of today's winds.

### Smoke

Under yesterday's southwest winds and elevated smoke production, sites north and east of the fire were heavily impacted, especially late afternoon and evening. Today, that smoke, combined with another bolus of smoke from today's activity will likely keep Reno, Truckee, and Portola in the Unhealthy range or worse, with only slight relief in the afternoon. Sites south and west of the fire that were clear last night are likely to stay that way today. Tomorrow's pattern looks similar, with slightly more intense and consistent smoke impacts east of the Sierra Crest.



Daily AQI Forecast\* for Wednesday

Station	Yesterday hourly			Tue 9/13	Comment for Today -- Wed, Sep 14	Forecast*	
	6a	noon	6p			Wed 9/14	Thu 9/15
Chester					Likely Good/Moderate air quality throughout the day		
Grass Valley					USG in the morning/afternoon; Increases to Very Unhealthy by evening		
Portola					Very Unhealthy this morning; increasing to Hazardous this evening		
Carson City					USG this morning; smoke increasing throughout the day		
Reno					Hazardous throughout the day/night		
Tahoe City					Moderate this morning; Increasing smoke in the afternoon and evening		
Chico					Good/Moderate most of day; some evening Moderate is possible		
Auburn					Good this morning increasing to Moderate/USG overnight		
South Lake Tahoe					Good/Moderate continuing; Smoke mostly north of the area		
Placerville					Good/Moderate most of the day		
Camptonville	No hourly data				Morning Very Unhealthy; Slight clearing in the afternoon/evening		
Truckee					Moderate/USG this morning; heavy smoke blowing in again late afternoon/evening		

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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

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)