



**Smoke Outlook for 9/02 - 9/03**  
**Lake Tahoe Basin - Caldor Fire**  
 Issued at: 2021-09-02 07:41 PDT

**Fire**

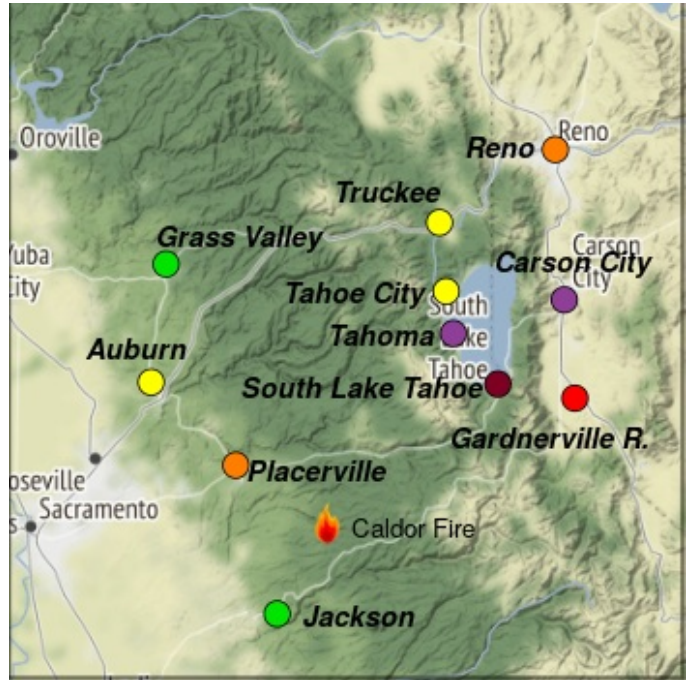
210,259 acres, 25% contained. Yesterday, the SW winds continued to push the active fire edge to the east. Today the fire will get a break from high winds, but the hot and dry air mass above will remain through the weekend. Around noon the nighttime inversion will lift, increasing the opportunity for occasional crown fire runs and short range spotting. Those traveling along HWY 50 can expect to see occasional smoke plumes rising above the area haze as the fire gets into new pockets of fuel.

**Smoke**

Surface winds will lighten up today as a stable high pressure system moves into the fire area. Expect to see cleaner air this morning in all locations. Unfortunately the relief is limited in duration. As the high pressure system moves in, it will slow the lift and movement of smoke. This will cause a return of heavy smoke in the Tahoe Basin. Communities of South Lake Tahoe, Carson City, Tahoma, Minden and Gardnerville can expect increasing impacts and limited visibility on roadways in the late afternoon. As the air cools and moves down canyon in the late evening, expect to see smoke pooling into the American River valley towards Placerville and Sacramento. Locations south of the fire will see the Good air quality throughout the entire day. Potential for stagnant air over the next few days will restrict the movement of smoke, limiting the periods of relief throughout the Tahoe Basin.

**Health and Safety**

Reduce how much smoke you inhale. [Reduce Your Exposure](#)



Daily AQI Forecast\* for Sep 02, 2021

Station	Yesterday hourly	Wed 9/01	Forecast* Comment for Today -- Thu, Sep 02	Thu 9/02	Fri 9/03
Truckee	6a noon 6p No hourly data	●	Overall Moderate/Good, relatively clear with some settling overnight	●	●
Tahoe City		●	Moderate this morning with increasing impacts into the evening	●	●
Reno		●	USG this morning with increasing impacts into the evening	●	●
Carson City		●	Moderate this morning, expect a return of smoke this afternoon	●	●
South Lake Tahoe		●	Limited relief in the AM followed by a return to Hazardous conditions by noon	●	●
Placerville		●	Moderate this morning with a return to USG late afternoon	●	●
Auburn		●	Moderate/USG throughout the day	●	●
Grass Valley		●	Good air conditions all day	●	●
Jackson	No hourly data	●	*Purple Air data - Good conditions all day	●	●
Tahoma		●	USG/Unhealthy this AM, with increasing impacts early afternoon	●	●
Gardnerville R.		●	USG/Unhealthy this AM, with increasing impacts early afternoon	●	●

Issued 2021-09-02 07:41 PDT by Jen Croft- Air Resource Advisor [jennifer.croft@usda.gov](mailto:jennifer.croft@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**

Air Quality Information -- <https://fire.airnow.gov/>

Fire Info - Cal Fire -- <https://www.fire.ca.gov/incidents/>

Washoe County Health District, AQMD -- <http://OurCleanAir.com>

Fire Info - Inciweb -- <https://inciweb.nwcg.gov/>

Smoke Information -- <http://californiasmokeinfo.blogspot.com/>

\*\*\*Build your own Air Cleaner\*\*\* -- <https://www.epa.gov/air-research/research-diy-air-cleaners-reduce-wildfire-smoke-indoors#Over>

**Additional Links**



Issued by USFS Wildland Fire Air Quality Response Program -- [www.wildlandfiresmoke.net](http://www.wildlandfiresmoke.net)  
Lake Tahoe Basin Current Outlook -- [tools.airfire.org/outlooks/LakeTahoeBasin](http://tools.airfire.org/outlooks/LakeTahoeBasin)  
\*Smoke and Health Info -- [www.airnow.gov/index.cfm?action=smoke.index](http://www.airnow.gov/index.cfm?action=smoke.index)

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