



Smoke Outlook for 8/29 - 8/30
Lake Tahoe Basin - Caldor Fire
 Issued at: 2021-08-29 07:42 PDT

Fire

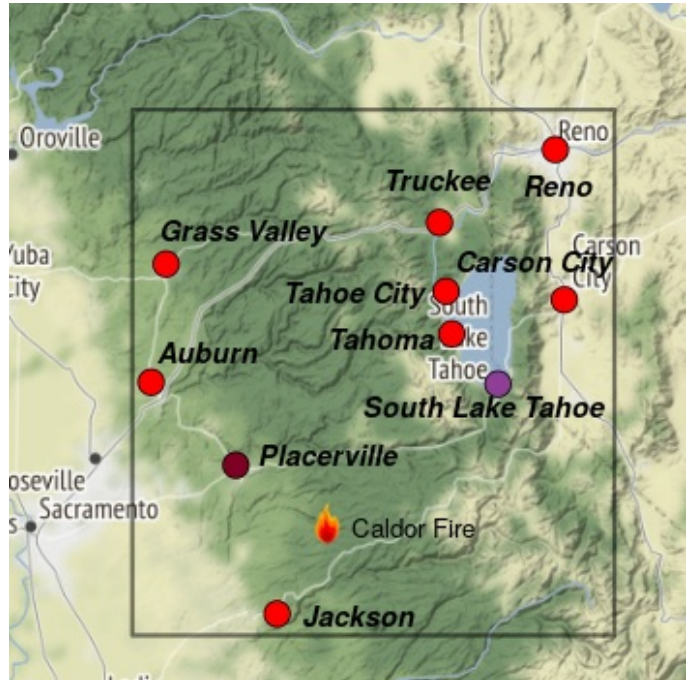
The Caldor fire is now 156,515 acres, with 19% containment. More information can be found on InciWeb: [Caldor Fire](#)

Smoke

This afternoon will bring a return to W/SW winds, with speeds increasing in the afternoons through Tuesday. This wind orientation and increase in speed will continue to transport smoke from the Caldor fire into the Tahoe Basin. Under these conditions, the Southern portion of the Basin may be more significantly impacted than the North. This morning we again have smoke on the Western side of the forecast area, originating from fires to the North and downslope drainage from the Caldor, which should clear a bit earlier today, with improvement by early mid-afternoon. Smoke transport from the Caldor will predominantly be to the E/NE this afternoon. Air quality conditions should be incrementally better (potentially .5 to a 1 AQI category) on the North side of the Basin.

Health and Safety

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



Daily AQI Forecast* for Aug 29, 2021

Station	Yesterday hourly	Sat 8/28	Forecast* Comment for Today -- Sun, Aug 29	Sun 8/29	Mon 8/30
Truckee		●	Overall Unhealthy with potential periods of improvement in the early afternoon	●	●
Tahoe City		●	Overall Unhealthy with potential periods of Very Unhealthy in the afternoon	●	●
Reno		●	Overall Unhealthy with potential periods of improvement in the early afternoon	●	●
Carson City		●	Overall Unhealthy with potential periods of Very Unhealthy in the afternoon	●	●
South Lake Tahoe		●	Overall Very Unhealthy, lowest PM 2.5 in the early morning, degrading in the PM	●	●
Placerville		●	Hazardous in the morning, improving throughout the day	●	●
Auburn		●	Unhealthy in the morning, improving throughout the day	●	●
Grass Valley		●	Unhealthy in the morning, improving throughout the day	●	●
Jackson	No hourly data	●	*Purple Air data - Unhealthy in the morning, improving throughout the day	●	●
Tahoma		●	Overall Unhealthy with potential periods of Very Unhealthy in the afternoon	●	●

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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 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

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>



Issued by USFS Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net

Lake Tahoe Basin Current Outlook -- tools.airfire.org/outlooks/LakeTahoeBasin

*Smoke and Health Info -- www.airnow.gov/index.cfm?action=smoke.index