



Smoke Outlook for 8/10 - 8/11
SouthernSierra Geographic Overview
 Issued at: 2018-08-10 08:02 PDT

Outlook for SouthernSierra

Fire

Donnel fire activity continues to produce large visible columns daily due to the hot, dry conditions in steep terrain. Lyons fire moderated today with limited movement along the San Joaquin river valley. The crews continued firing operations overnight on the Ferguson fire, working to remove the potential for future fire growth in the Turtleback Dome area. Low pressure moving into the area may bring unstable air and isolated thunderstorms to the east side of the Sierra's.

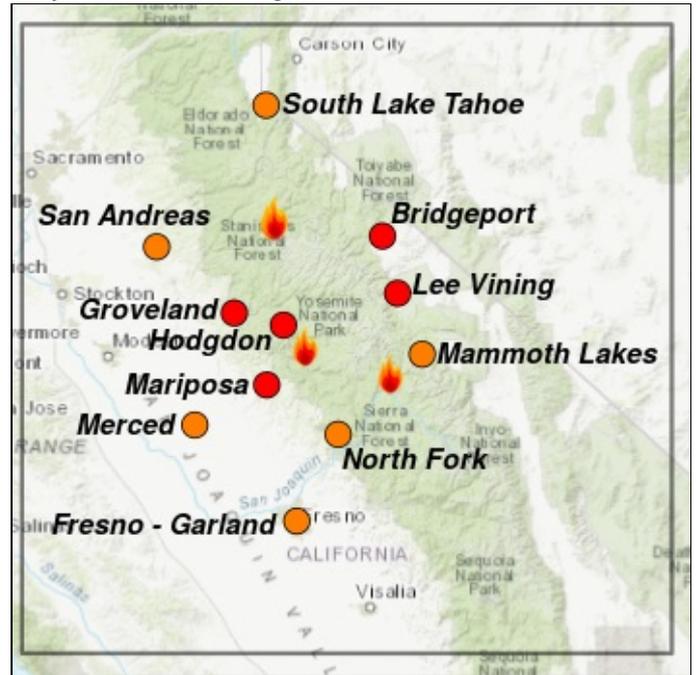
Smoke

Regional smoke from the Mendocino Complex will continue to settle early AM and late PM haze down the San Joaquin Valley for the next few days. Localized impacts for each fire area will be variable due to the reduced fire activity on the Lyons & Ferguson fires. Expect thick smoke in the middle fork Stanislaus River area this AM. Major geographic lakes & drainages will continue to be the zones of greatest diurnal impact.

Forecast Info

As Ferguson & Lyons smoke production decrease, the use of a geographic forecast in addition to localized forecast will be re-evaluated. Please note that geographic forecast intentionally does not include some localized stations to reduce duplication.

Daily AQI Forecast for Aug 10, 2018



Station	Yesterday hourly	Thu 8/09	Forecast Comment for Today -- Fri, Aug 10	Fri 8/10	Sat 8/11
Fresno - Garland			Regional smoke impacts all day -light haze, brief increase mid-day/PM		
North Fork			Clearing to the east by mid-day, settling back in the late evening		
Merced			Regional smoke impacts all day -light haze, brief increase mid-day/PM		
Mariposa			Clearing to the east by mid-day, unhealthy conditions returning late evening		
Mammoth Lakes			Clear conditions in the AM, increase mid-day, brief relief late evening		
Hodgdon			Moderate to unhealthy this AM, clearing by mid-day, returning PM		
Groveland	No hourly data		Moderate to unhealthy this AM, clearing by mid-day, returning PM		
Lee Vining			Clear conditions in the AM, increase mid-day, potential for Donnell impacts PM		
San Andreas			Regional smoke impacts all day -light haze, brief increase mid-day/PM		
Bridgeport			Moderate in AM, increasing into late afternoon, unhealthy late PM		
South Lake Tahoe			unhealthy until mid-day, expecting relief from winds from mid-day on		

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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: 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

Today's Bluesky smoke modeling -- <https://tools.airfire.org/websky/v1/run/test/FW06Z-1km/2018081006/#viewer>
 Links to all smoke Air Resource Forecasts -- <https://wildlandfiresmoke.net/outlooks/>

San Joaquin Air Pollution Control District -- <http://www.valleyair.org/Home.htm>
 California Smoke Blog -- <http://californiasmokeinfo.blogspot.com/>

