

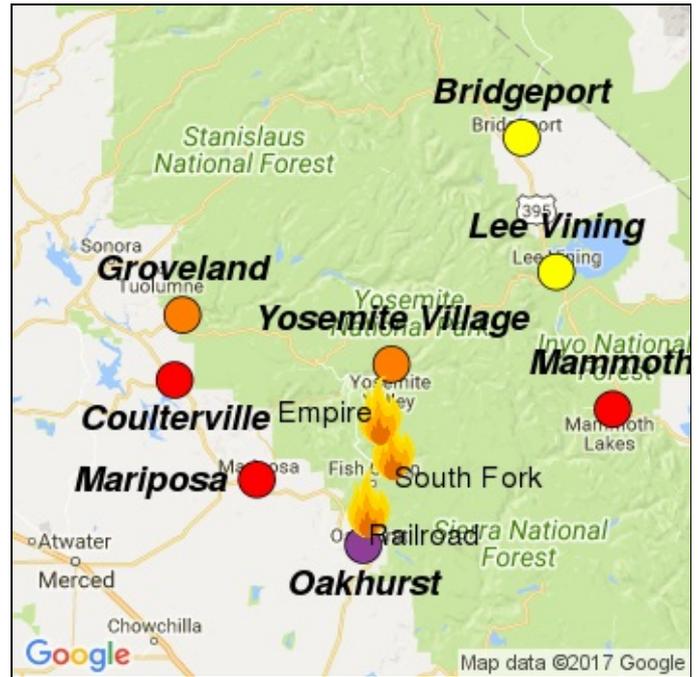
Outlook for Valley to Valley

Smoke: High pressure and light easterly/southeasterly winds remain in place, with cloud cover from the tropical moisture again likely to limit afternoon clearing, trapping smoke in the drainages west and northwest of the fire. Outflow winds from thunderstorms, though they can clear smoke, also increase fire activity, and the net impact this morning was very unhealthy to hazardous smoke levels this morning in areas northwest/west of the Railroad fire. Mammoth is also getting more evening smoke.

Fire: Emissions and growth on the South Fork and Empire fire remain relatively modest under the slightly cooler, and more humid conditions created by the tropical moisture overhead. However this moisture and associated instability also led to thunderstorms, the outflow winds of which pushed the Railroad growth to over 3600 acres of new growth. This in turn led to much more smoke in the areas to the west/northwest of the fire. More thunderstorms are forecast for today.

Other: Dense smoke for short periods can aggravate symptoms for sensitive persons without changing 24-hr AQI levels. Note: AQ forecasts below reflect only particulate matter - not ozone.

Daily AQI Forecast for Sep 04, 2017



Station	Yesterday hourly	Sun 9/03	Forecast Comment for Today -- Mon, Sep 04	Mon 9/04	Tue 9/05
Bridgeport			Variable smoke in the evening & overnight		
Lee Vining			Variable smoke in the evening & overnight		
Mammoth Lakes			Dense morning & evening smoke possible; afternoon clearing		
Yosemite Village			Dense morning smoke; some evening clearing		
Groveland			Dense morning smoke; some evening clearing		
Mariposa			Dense morning & evening smoke; limited afternoon clearing		
Oakhurst			Dense morning & evening smoke; limited afternoon clearing		
Coulterville			Dense noontime smoke; clearing afternoon & overnight		

Issued Sep 04, 2017 by Leland Tarnay, Air Resource Advisor

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

California Smoke Blog
[\(http://californiasmokeinfo.blogspot.com/\)](http://californiasmokeinfo.blogspot.com/)

Airnow Smoke and Wildfire viewer
https://airnow.gov/index.cfm?action=topics.smoke_wildfires

Yosemite Air Quality and Webcams
<https://www.nps.gov/yose/learn/nature/aqmonitoring.htm>

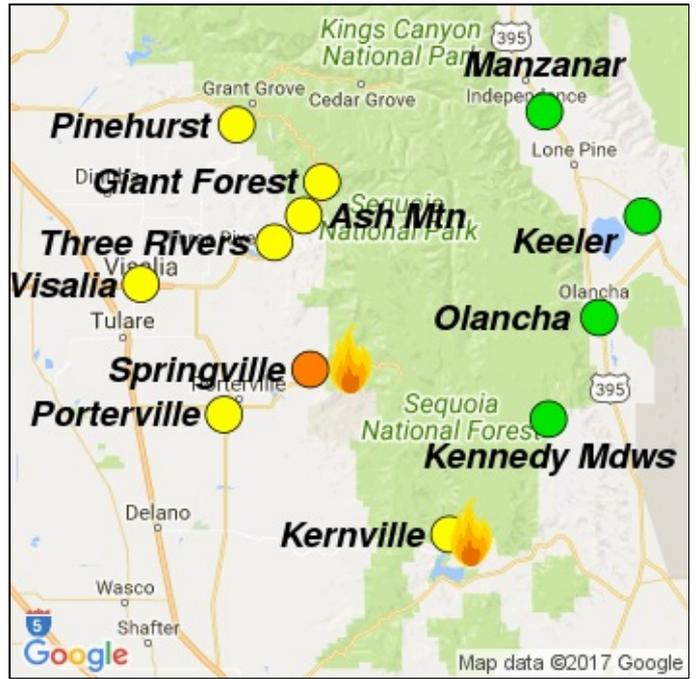
Outlook for Pier Fire

Smoke: Due to less fire activity expected today, smoke impacts are likely to be lower than yesterday. Southeast winds will continue to push smoke towards the San Joaquin Valley. Smoke may increase this afternoon if skies clear, allowing fire activity to pick up.

Fire: Today we are likely to see cooler temperatures and higher relative humidity which, along with cloud cover, will moderate fire behavior. Should we see clear skies this afternoon, expect a return to active fire behavior throughout the burn area.

Other: Containment of Caldwell Fire is at 61%; smoke impacts to Kernville are expected to be minimal today.

Daily AQI Forecast for Sep 04, 2017



Station	Yesterday hourly	Sun 9/03	Forecast Comment for Today -- Mon, Sep 04	Mon 9/04	Tue 9/05
Springville			Smoke will linger most of today between USG and Unhealthy, clearing somewhat tonight		
Porterville			Monitor down until 9/5 - Use Visalia data to estimate impacts to Porterville		
Visalia			Variable conditions throughout the day, clearing somewhat tonight		
Three Rivers			Hazy conditions most of today		
Ash Mtn			Hazy conditions possible this afternoon		
Giant Forest			Good to Moderate conditions today		
Pinehurst			Hazy conditions most of today		
Manzanar			Good air quality most of today		
Keeler			Good air quality all day		
Olancha			Good air quality most of today		
Kennedy Mdws			Good air quality all day		
Kernville			Moderate to Good conditions throughout today		

Issued Sep 04, 2017 by Andrea Holland and Ali Kamal (Trainee)

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Additional Links

[CA smoke blog](#)

[Protect Yourself from Wildfire Smoke](#)

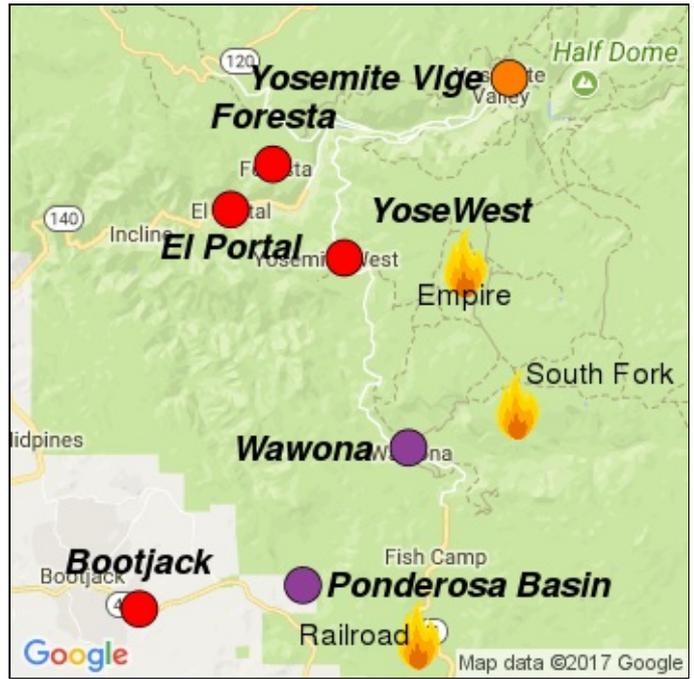
Outlook for Yosemite NP

Smoke: High pressure and light easterly/southeasterly winds remain in place, with cloud cover from the tropical moisture again likely to limit afternoon clearing, trapping smoke in the drainages west and northwest of the fire. Outflow winds from thunderstorms, though they can clear smoke, also increase fire activity, and the net impact this morning was much more smoke in the area, and very unhealthy to hazardous smoke levels this morning in areas northwest/west of the fire.

Fire: Emissions and growth on the South Fork and Empire fire remain relatively modest under the slightly cooler, and more humid conditions created by the tropical moisture overhead. However this moisture and associated instability also led to thunderstorms, the outflow winds of which pushed the Railroad growth to over 3000 acres of new growth. This in turn led to much more smoke in the areas to the west/northwest of the fire. More thunderstorms are forecast for to.

Other: Dense smoke for short periods can aggravate symptoms for sensitive persons without changing 24-hr AQI levels. Note: AQ forecasts below reflect only particulate matter - not ozone.

Daily AQI Forecast for Sep 04, 2017



Station	Yesterday hourly	Sun 9/03	Forecast Comment for Today -- Mon, Sep 04	Mon 9/04	Tue 9/05
Yosemite Village			Dense morning smoke; some evening clearing		
Yosemite West			Dense morning smoke; limited evening clearing		
Wawona			Dense morning smoke; very limited evening clearing		
Foresta			Dense morning & noontime smoke; some evening clearing		
Tuolumne Meadows			Variable smoke all day; limited evening clearing		
Ponderosa Basin			Dense morning smoke; some evening clearing		
El Portal			Dense morning & noontime smoke; some evening clearing		
Bootjack			Dense morning smoke, some afternoon clearing		

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[Yosemite Air Quality and Webcams \(https://www.nps.gov/yose/learn/nature/aqmonitoring.htm\)](https://www.nps.gov/yose/learn/nature/aqmonitoring.htm)