

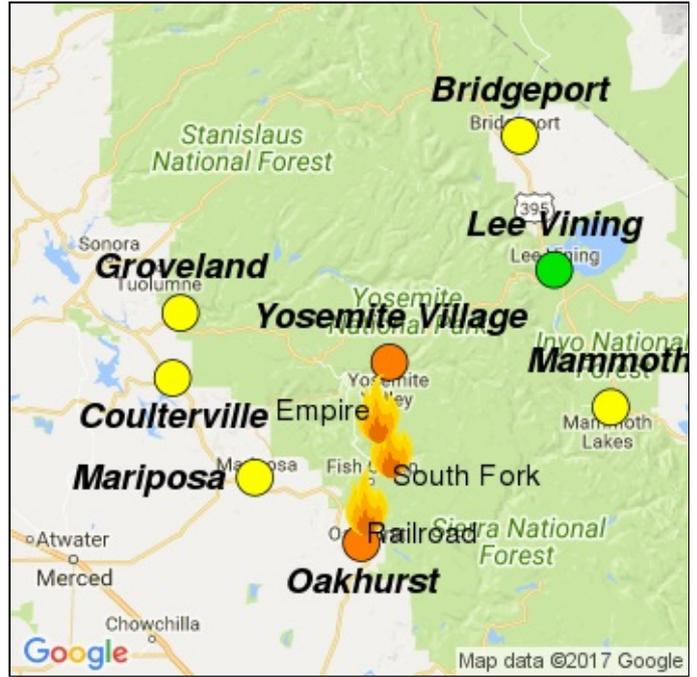
Outlook for Valley to Valley

Smoke: Dispersion will continue to improve today. However, southerly/southwesterly winds are still bringing smoke into Yosemite from the Railroad Fire, and to a lesser extent from the Empire and South Fork Fires. There should be a more westerly component to the transport winds, so the more western sites (e.g., Mariposa) down canyon and in the foothills (even Oakhurst) will likely continue to improve. Mammoth, Bridgeport, and Tuolumne Meadows may get light/moderate evening smoke.

Fire: Growth and emissions from South Fork and Empire Fires remain low to moderate. There was reduced activity on the Railroad Fire yesterday, but still enough to push smoke into Yosemite all day. Fire activity today is expected to remain low to moderate on the Railroad Fire today too, which should allow for better clearing of smoke than yesterday at most sites.

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 07, 2017



Station	Yesterday hourly	Wed 9/06	Forecast Comment for Today -- Thu, Sep 07	Thu 9/07	Fri 9/08
Bridgeport			Likely good all day; light evening/morning smoke possible		
Lee Vining			Likely good all day		
Mammoth Lakes			Likely good/moderate all day; light evening smoke possible		
Yosemite Village			Variable smoke all day; evening clearing		
Groveland			Morning & noontime smoke; improving evening clearing		
Mariposa			Late morning smoke; afternoon/evening clearing		
Oakhurst			Improving morning & evening smoke depending on fire		
Coulterville			Morning & noontime smoke possible; clearing evening		

Issued Sep 07, 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/>)
- 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: Smoke will linger in the Tule River and Kaweah drainage this morning; southwest winds may help clear both drainages by mid-afternoon. As fires burn through the day smoke in the Tule River drainage will continue to slip into the Kern River Canyon. Smoke will drain down the Kern Canyon impacting Kernville in the early morning through noon both today and tomorrow; clearing is expected after noon.

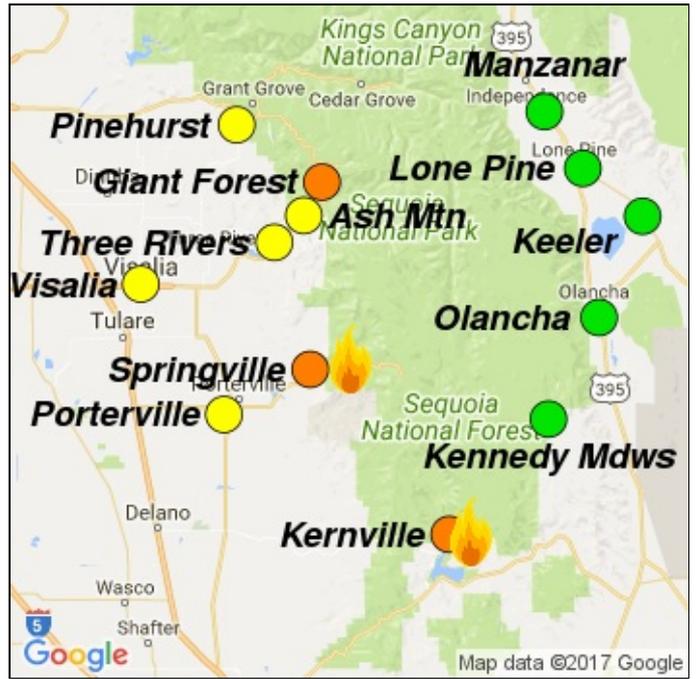
Fire: Sunshine most of today. Much like yesterday, winds are not likely to pick up significantly. Southwest winds will align with the Tule River drainage and, if the smoke clears in the drainage expect to see an increase in wind speed and fire activity.

Other: For information on real time air quality conditions related to smoke see: <https://tinyurl.com/yd7ngvd8>

 CA Smoke Blog: <http://californiasmokeinfo.blogspot.com>

 Protect Yourself from Wildfire Smoke:
<https://www.cdc.gov/features/wildfires/index.html>

Daily AQI Forecast for Sep 07, 2017



Station	Yesterday hourly	Wed 9/06	Forecast Comment for Today -- Thu, Sep 07	Thu 9/07	Fri 9/08
Springville			USG to Unhealthy conditions this morning clearing to mostly Moderate this afternoon through tonight		
Porterville			Mostly Moderate with short periods of Good today		
Visalia			Mostly Moderate with short periods of Good today		
Three Rivers			Mostly Moderate with possible periods of Good conditions throughout today		
Ash Mtn			Mostly Moderate with increase to USG conditions around noon		
Giant Forest			Peak at Unhealthy levels as inversion breaks around noon, USG to Moderate throughout rest of the day		
Pinehurst			Moderate conditions most of the day.		
Manzanar			May see hazy conditions approaching Moderate later this afternoon		
Lone Pine			May see hazy conditions approaching Moderate later this afternoon		
Keeler			Overall Good air quality today		
Olancha			May see hazy conditions approaching Moderate later this afternoon		
Kennedy Mdws			May see light smoke drift through later this afternoon or early evening		
Kernville			Smoke drifting in early this morning reaching Unhealthy levels by noon; clearing this afternoon to mostly Moderate conditions		

Issued Sep 07, 2017 by Andrea Holland and Ali Kamal (Trainee)

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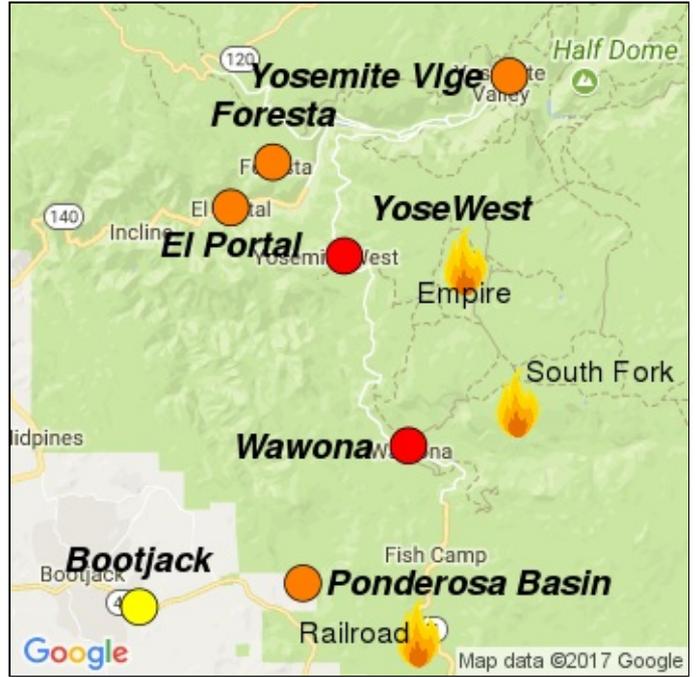
Outlook for Yosemite NP

Smoke: Dispersion will continue to improve today. However, southerly/southwesterly winds are still bringing smoke directly into Yosemite Valley, Wawona, Yosemite West, and Foresta from the Railroad Fire, and to a lesser extent from the Empire and South Fork fires. There should be a more westerly component to the transport winds, so the more western sites (e.g., Bootjack and Mariposa) down canyon and in the foothills will likely clear out even more.

Fire: Growth and emissions from South Fork and Empire Fires remain low to moderate. There was reduced activity on the Railroad fire yesterday, but still enough to push smoke into Yosemite all day. Fire activity today is expected to remain low to moderate on the Railroad Fire today too, which should allow for better clearing of smoke out of Yosemite than yesterday.

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 07, 2017



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Yosemite Village			Variable smoke all day; evening clearing		
Yosemite West			Variable smoke all day; evening clearing		
Wawona			Variable smoke all day; evening clearing		
Foresta			Variable smoke all day; evening clearing		
Tuolumne Meadows			Variable smoke afternoon/evening smoke; morning clearing		
Ponderosa Basin			Variable smoke all day; evening clearing		
El Portal			Variable smoke all day; evening clearing		
Bootjack			Morning smoke, improved afternoon clearing		

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