



Smoke Outlook for 9/13 - 9/14
San Joaquin-Yosemite Area (Creek Fire)
 Issued at: 2020-09-13 08:22 PDT

Fire

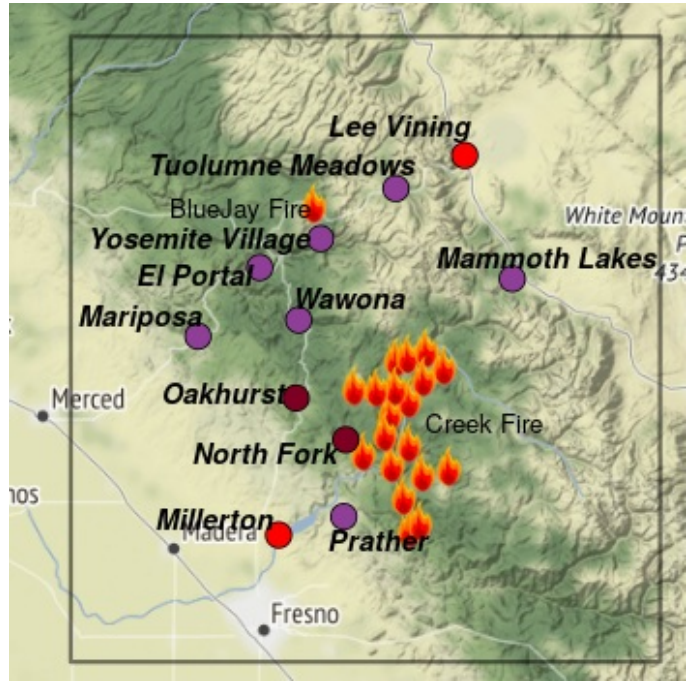
Yesterday containment went up to 8% on the west and south side of the fire with increased fire activity on the north end of the fire under clearer skies. Today will look much the same, except SE winds aloft will likely be switching to more directly S winds on the fire, and smoke plumes will likely go more directly north, rather than northwest.

Smoke

The more direct southerly winds today will enhance transport of potentially heavy smoke to our east side sites, but thin the inversion above ridgetops by afternoon, and possibly clear some low-lying sites by evening. Canyon and low lying areas are likely to remain under inversions through at least the afternoon, with continued impacts into the Very Unhealthy/Hazardous range. Models show potential for some improvement late afternoon/evening. Tomorrow, the same pattern likely repeats.

Notes

Forecasts reflect particulate matter from smoke only - not ozone or dust. Poor visibility, potentially less than 1/4 mile is possible under the smoke inversions in the canyons.



Daily AQI Forecast* for Sep 13, 2020

| Station | Yesterday hourly | Sat 9/12 | Forecast* Comment for Today -- Sun, Sep 13 | Sun 9/13 | Mon 9/14 |
|------------------|------------------|----------|--|----------|----------|
| Lee Vining | | | Morning clearing; heavy afternoon/evening smoke likely | | |
| Tuolumne Meadows | | | Morning clearing; heavy afternoon/evening smoke likely | | |
| Mammoth Lakes | | | Morning clearing; heavy afternoon/evening smoke likely | | |
| Yosemite Village | | | Unhealthy/Very Unhealthy throughout the day | | |
| El Portal | | | Unhealthy/Very Unhealthy throughout the day | | |
| Wawona | | | Unhealthy/Very Unhealthy throughout the day | | |
| Mariposa | | | Some clearing this evening likely | | |
| Oakhurst | No hourly data | | Hazardous/Very Unhealthy throughout the day | | |
| North Fork | | | No Data, Likely Hazardous/Very Unhealthy throughout the day | | |
| Prather | No hourly data | | Hazardous/Very Unhealthy throughout the day | | |
| Millerton | | | Smoke impacts throughout the day, possible clearing this evening | | |

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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

- Fire and Smoke Map -- <https://fire.airnow.gov/>
- Great Basin Unified APCD -- <https://www.gbuapcd.org/>
- Tuolumne County APCD -- <https://www.tuolumnecounty.ca.gov/364/Air-Pollution-Control-District>
- San Joaquin Valley APCD (activity advisories) -- <https://www.valleyair.org/myraan/>
- Mariposa County APCD -- <https://www.mariposacounty.org/433/Air-Pollution-Control-District>
- CA Smoke Blog -- <http://californiasmokeinfo.blogspot.com/>



Issued by USFS Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net
 San Joaquin-Yosemite Current Outlook -- tools.airfire.org/outlooks/SanJoaquin-Yosemite
 *Smoke and Health Info -- www.airnow.gov/index.cfm?action=smoke.index