



Smoke Outlook

Northwest California-Interior Happy Camp Complex

9/22 - 9/23

Issued by Wildland Fire Air Quality Response Program on September 22, 2023 at 07:21 AM PDT

Fire

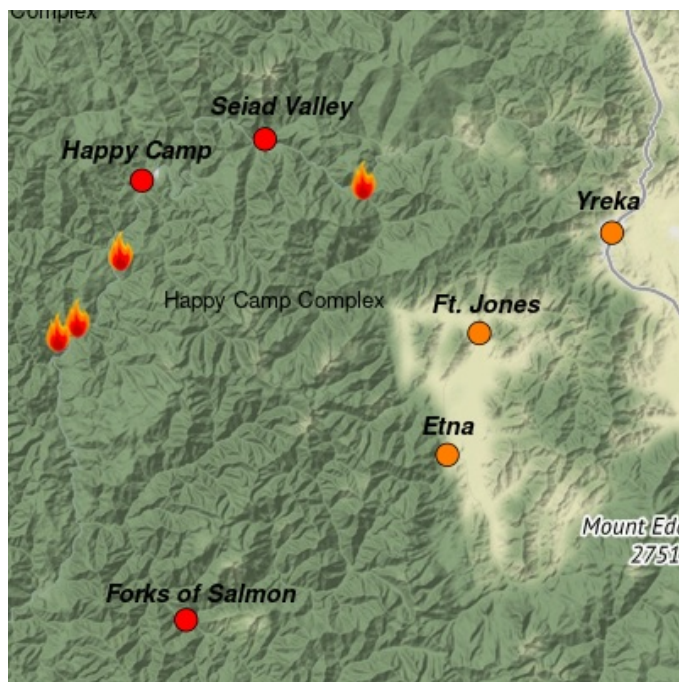
Since yesterday, the Happy Camp Complex grew about 100 acres and is holding at 58% containment. Crews are continuing with suppression and repair and securing the remaining perimeters. Moderate fire activity is expected again today, which may get tampered by the incoming smoke over the fire in the afternoon. There is an increased chance of rain late Sunday and into Monday to further assist the crew's efforts on the fires.

Smoke

Smoke is expected to return to Unhealthy and Very Unhealthy later today, especially along the Highway 96 corridor. Winds from the west will bring smoke as far east as Scott Valley, Yreka and Montague later this evening. Tomorrow, winds will shift to the southwest which will mean less impacts for communities to the east during the day, but smoke will likely settle and in the evening impacting Yreka and Montague again. There is a strong chance of rain Sunday night into Monday that will wash out some of the smoke - the smoke models are all showing improved air quality for much of the area Monday morning.

Additional Information

Details on other fires in the region are available at inciweb.nwcg.gov. More information on smoke in the surrounding area can be found at outlooks.wildlandfiresmoke.net.



Daily AQI Forecast* for Friday

| Station | Yesterday hourly | | | Thu 9/21 | Comment for Today -- Fri, Sep 22 | Forecast* | |
|-----------------|--------------------------------|------|----|----------|---|-----------|----------|
| | 6a | noon | 6p | | | Fri 9/22 | Sat 9/23 |
| Forks of Salmon | No hourly data | | | ● | Area showing air quality improvements, smoke still expected in the afternoon. | ● | ● |
| Etna | [Bar chart showing AQI levels] | | | ● | Clear this morning and afternoon, smoke to arrive in the evening. | ● | ● |
| Ft. Jones | [Bar chart showing AQI levels] | | | ● | Clear this morning and afternoon, smoke to arrive in the evening. | ● | ● |
| Yreka | [Bar chart showing AQI levels] | | | ● | Clear during the day, smoke to arrive in the evening and overnight. | ● | ● |
| Seiad Valley | [Bar chart showing AQI levels] | | | ● | Smoke to return in the late afternoon and evening. | ● | ● |
| Happy Camp | [Bar chart showing AQI levels] | | | ● | Heavy smoke approaching in the afternoon and will last through the evening. | ● | ● |

Issued Sep 22, 2023 by Ali Kamal, Air Resource Advisor (kamal.ali@epa.gov)

| 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

[California Smoke Blog](https://californiasmokeinfo.blogspot.com) -- <https://californiasmokeinfo.blogspot.com>

[Smoke Ready California](https://ww2.arb.ca.gov/smokereadycalifornia) -- <https://ww2.arb.ca.gov/smokereadycalifornia>

[Siskiyou Fire and Smoke Information](https://www.co.siskiyou.ca.us/airpollution/page/fire-and-smoke-information) -- <https://www.co.siskiyou.ca.us/airpollution/page/fire-and-smoke-information>

[Fire and Smoke Map](https://fire.airnow.gov) -- <https://fire.airnow.gov>



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

Northwest California-Interior Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/9a1fc87b>

*Smoke and Health Info -- www.airnow.gov/air-quality-and-health