



# Smoke Outlook

## Northwest California-Coastal

8/30 - 8/31

Issued by [Wildland Fire Air Quality Response Program](#) on August 30, 2023 at 07:27 AM PDT

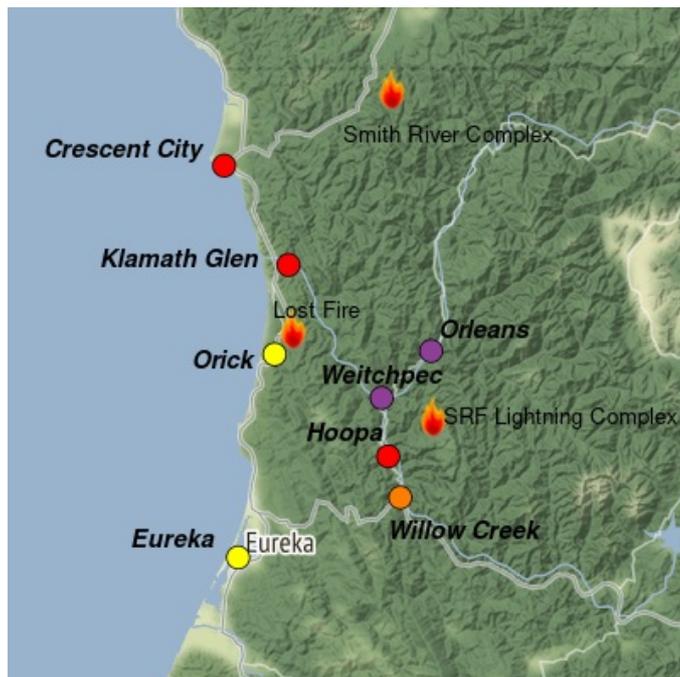
### Fire

Numerous fires are actively burning across coastal sections of NW California, with the Smith River Complex and the Six Rivers Lightning Complex being the largest. With gusty N-NNE winds and drier weather, conditions are favorable for active fire growth. You can find more information about these fires, including size, containment, and operations on InciWeb at: [SRF Lightning Complex](#), [Smith River Complex](#), and [Lost Fire](#).

### Smoke

Increased fire activity and gusty N winds create UNHEALTHY AQ across much of the Outlook Area today. HAZARDOUS conditions are possible at times near Crescent City and Orleans due to their proximity to nearby fires. Other locations (Klamath Glen, Weitchpec, and Hoopa) along the Klamath and Trinity River Valleys to experience UNHEALTHY. Willow Creek may be slightly better with USG. Along the coast, Eureka and Orick should average MODERATE as onshore flow begins to strengthen. Look for air quality to improve by the weekend as cool and damp conditions arrive by Friday.

For the latest observations on air quality--including from a PurpleAir sensor in Orick--see [EPA's Fire and Smoke Map](#).



Daily AQI Forecast\* for Wednesday

Station	Yesterday hourly	Tue 8/29	Comment for Today -- Wed, Aug 30	Forecast*	Wed 8/30	Thu 8/31
Crescent City	6a noon 6p	Red	UNHEALTHY AQ--higher to the east--continues due to Kelly Fire.		Red	Orange
Orick	No hourly data		GOOD AQ with strong onshore flow; otherwise, MODERATE.		Yellow	Yellow
Eureka		Yellow	Air quality improves to GOOD with stronger onshore flow.		Yellow	Yellow
Willow Creek		Orange	Northerly winds push heavy smoke (USG) up the Trinity River Valley.		Orange	Orange
Hoopa		Orange	Fires to the north, including Smith River, create UNHEALTHY air quality.		Red	Red
Klamath Glen		Orange	N winds and smoke draining down the Klamath create UNHEALTHY AQ.		Red	Red
Weitchpec		Orange	Increased fire activity and northerly winds create VERY UNHEALTHY at times.		Purple	Red
Orleans		Red	V UNHEALTHY with smoke from Smith River, Happy Camp, & Pearch fires.		Purple	Purple

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Air Quality Index (AQI)	Actions to Protect Yourself
Green Good	None
Yellow Moderate	Unusually sensitive individuals should consider limiting prolonged or heavy exertion.
Orange USG	People within Sensitive Groups* should <b>reduce</b> prolonged or heavy outdoor exertion.
Red Unhealthy	People within Sensitive Groups* should <b>avoid all</b> physical outdoor activity.
Purple Very Unhealthy	Everyone should avoid prolonged or heavy exertion.
Dark Purple 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 Information](#) -- <https://californiasmokeinfo.blogspot.com/>  
[EPAs' Fire and Smoke Map-current air quality info](#) -- <https://fire.airnow.gov/#>

[North Coast Unified Air Quality Management District](#) -- <https://www.ncauqmd.org/>  
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Issued by Interagency Wildland Fire Air Quality Response Program -- [www.wildlandfiresmoke.net](http://www.wildlandfiresmoke.net)  
 Northwest California-Coastal Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/0e644879>  
 \*Smoke and Health Info -- [www.airnow.gov/air-quality-and-health](http://www.airnow.gov/air-quality-and-health)