



WILDFIRE SMOKE INFORMATION

A joint message from the North Coast Unified Air Quality Management District (NCUAQMD) and partners

Issued: September 3, 2020
Updated as conditions change

UPDATED Air Quality Public Service Announcement

Multiple fires in Northern California (Red Salmon Complex, August Complex, North Complex, and LNU Complex and BTU/TGU Complex Fires) are producing smoke impacts that will be affecting Humboldt, Del Norte, and Trinity Counties. Several USFS Air Resource Advisors (ARAs) are assigned to fires impacting our area. These ARA reports provide daily smoke outlook forecasts, which include expected fire behavior and possible planned strategic firing operations in their air quality projections for their assigned fires.

This morning, smoky skies are filling the region surrounding the Red Salmon Complex and off toward the coast. Along the Coast smoke impacts will be influenced by the marine layer and ash fallout is possible. Through the day, smoke hanging above valleys and basins is expected to mix down and degrade air quality. Additionally, smoke from fires to the south will move northward, adding to the impacts inland. The high temperatures and lower humidity over the next week will keep fires active, increase smoke production, and lead to poor smoke dispersion. Smoke is expected to linger over the fires and settle into the valleys and river drainages during morning and overnight depending on proximity and conditions.

- **Humboldt County** - Coastal areas are expected to remain “Good” to “Moderate” with possible periods of “Unhealthy for Sensitive Groups” overnight. Some ash fallout is possible. Southern Humboldt County is expected to see “Good” to “Moderate” with periods of “Unhealthy for Sensitive Groups” possible, depending on conditions. Orleans, Hoopa, Weitchpec, and areas along the river drainages may experience “Good” to “Moderate” with afternoon and overnight periods of possible “Unhealthy for Sensitive Groups” to “Unhealthy” depending on conditions and proximity to the fire.
- **Trinity County** – Weaverville and the surrounding communities are expected to generally be “Unhealthy for Sensitive Groups” for most of the day with periods of “Unhealthy” possible depending on conditions. An Advisory has been issued for Hayfork and surrounding communities for “Unhealthy” conditions.
- **Del Norte County** – Coastal areas are expected to remain “Good” to “Moderate” depending on conditions. The interior of Del Norte County is forecast to see “Good” to “Moderate” with periods of “Unhealthy for Sensitive Groups” possible depending on conditions and proximity to the fire.

Air Quality Index (AQI Value)	PM 2.5 24hr avg (ug/m ³)	Actions to Protect Yourself
Good (0-50)	0-12	None
Moderate (51-100)	12-35	Sensitive individuals should consider limiting prolonged or heavy exertion
Unhealthy for Sensitive Groups [USG] (101-150)	35-55	People within USG should reduce prolonged or heavy outdoor exertion
Unhealthy (151-200)	55-150	People within USG should avoid all prolonged or heavy outdoor exertion
Very Unhealthy (201-300)	150-250	Everyone should avoid prolonged or heavy exertion
Hazardous (>300)	250-500	Everyone should avoid any outdoor activity

Particulate Matter (PM2.5) monitors are located in Crescent City, Eureka, Weaverville, Hoopa, Weitchpec, Willow Creek, Klamath, and Trinity Center. Updates will be provided as conditions change. For 24-hour Air Quality Advisory Information, call toll-free at 1-866-BURN-DAY (1-866-287-6329).

