**Forecast conditions represent impacts from smoke. Contributions from ozone and other pollutants are not reflected.**

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| **Smoke Synopsis:** | | | | |
| On Friday, based on 24-hour averages, a number of PM Monitors reported “Good” or “Moderate” air quality in the area. But, Mad River reported “USG” condition. “Unhealthy” condition was reported at Anderson/Redding. “Very Unhealthy” condition was reported at Hayfork, Hyampon, Burnt Ranch and Weaverville. With a High pressure established over the area, air quality is not likely to improve in the next few days.  Today: Smoke dispersion will be limited due to slow transport wind over the area. Northwesterly/Westerly onshore wind will flow to Trinity/Shasta County line today. Tonight, weak offshore Northeasterly wind is expected tonight in Del Norte, Humboldt and Trinity County and Northerly wind is expected in Siskiyou and Shasta County. Smoke will settle in Trinity River drainage, South Fork Trinity River drainage, Klamath River drainage and the Sacramento Valley tonight.  Tomorrow: Smoke dispersion will be limited due to slow transport wind over the area. Northeasterly offshore wind is expected in Del Norte County. Northerly wind is expected in Siskiyou County. Onshore Westerly/Northwesterly wind is likely to occur in Humboldt and Trinity County. Wind in Sacramento Valley is going to be weak. Tomorrow night, offshore northeasterly wind in Del Norte County will continue, but Northerly wind is expected in Shasta County. Smoke will settle in Trinity River drainage, South Fork Trinity River drainage, Klamath River drainage and the Sacramento Valley again tomorrow night. | | | | |
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| **Air Quality Outlook: Shasta-Trinity & Six Rivers Complexes** | | | | |
| **Site** | **Saturday**  **August 15, 2015** | **Sunday**  **August 16, 2015** | **Monday**  **August 17, 2015** | **Comments** |
| **Crescent City** | Moderate | USG | USG | Smoke impact from Oregon fires. |
| **Gasquet** | Moderate | USG | Moderate | Smoke impact from Oregon fires. |
| **Happy Camp** | Moderate | USG | USG | Smoke impact from Oregon fires. |
| **Etna** | Moderate | Moderate | Moderate | Smoke impact from Oregon fires. |
| **Mt. Shasta** | Moderate | Moderate | Moderate | Smoke impact from Oregon fires. |
| **Tulelake** | Moderate | Moderate | Moderate | Smoke impact from Oregon fires. |
| **Yreka** | Good | Unhealthy | Unhealthy | Smoke impact from Oregon fires. |
| **Eureka** | Good | Good | Moderate |  |
| **Hoopa** | Moderate | Moderate | Moderate |  |
| **Mad River/Dinsmore** | USG | USG | Unhealthy |  |
| **Orleans** | Moderate | Moderate | Moderate |  |
| **Weitchpec** | Moderate | Moderate | Moderate |  |
| **Willow Creek** | USG | USG | Moderate |  |
| **Burnt Ranch** | Unhealthy | Unhealthy | Unhealthy |  |
| **Hayfork** | Hazardous | Hazardous | Hazardous | 8/15 & 8/16: Varying little throughout |
| **Hyampom** | Hazardous | Hazardous | Hazardous | 8/15 & 8/16: Heaviest during afternoon |
| **Weaverville** | Unhealthy | Very Unhealthy | Hazardous |  |
| **Anderson/Redding** | Unhealthy | Unhealthy | Unhealthy |  |
| **Disclaimer: Forecast conditions represent air quality levels affected by fine particulates; contribution from ozone and other pollutants is not reflected.**  Conditions may change quickly, these projections are based on anticipated weather and fire activity. Sensitive groups including individuals with asthma, lung or heart disease, children, older adults, and pregnant women should take precautions to avoid exposure to smoke. If you feel as though you are having health effects from smoke, see your doctor or health professional as needed. In some cases your eyes are your best tools. If it is smoky outside, you are being impacted. Use caution when driving in or around smoky areas. | | | | |

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| **AQI Index** | **Actions to Protect Yourself** |
| Good | None |
| Moderate | Unusually sensitive people should consider reducing prolonged or heavy outdoor exertion. |
| Unhealthy for Sensitive Groups - USG | People with heart or lung disease, children and older adults should reduce prolonged or heavy outdoor exertion. Everyone else should limit prolonged or heavy exertion. |
| Unhealthy | The following groups should avoid all physical outdoor activity: People with heart or lung disease, children and older adults. Everyone else should avoid prolonged or heavy exertion. |
| Very Unhealthy | Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors. |
| Hazardous | The following groups should remain indoors and keep activity levels low: People with heart or lung disease; children and older adults. Everyone else should avoid prolonged or heavy exertion |

**Links:**

AirNow - <http://airnow.gov/index.cfm?action=airnow.local_state&stateid=5&tab=0>

California Smoke Information Blog - <http://californiasmokeinfo.blogspot.com/>

North Coast Unified Air Quality Management District <http://www.ncuaqmd.org/>

Shasta County Air Pollution Control District - <http://www.co.shasta.ca.us/index/drm_index/aq_index.aspx>

Siskiyou County Air Pollution Control District <http://www.co.siskiyou.ca.us/content/agriculture-air-pollution-control-district>

[Interagency Real Time Smoke Monitoring - http://app.airsis.com/usfs/fleet.aspx](http://app.airsis.com/usfs/fleet.aspx)

[Wildfire Smoke – A Guide for Public Health Official](http://www.arb.ca.gov/carpa/toolkit/data-to-mes/wildfire-smoke-guide.pdf) from California Air Resource Board

[Wildland Fire Personnel Smoke Exposure Guidebook](http://www.nifc.gov/wfstar/modules/medical/smoke2014/smoke_exposure_guidebook.pdf) from National Interagency Fire Center

[Smoke: Knowing the Risks video (14 minutes)](https://youtu.be/0gqTbJSQL_U) from WFStar