



North Ops 7-day Significant Fire Potential Outlook

Issued by North Ops Predictive Services, Redding CA

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Predictive Service Area (PSA)	Wed 20 Jul	Thu 21 Jul	Fri 22 Jul	Sat 23 Jul	Sun 24 Jul	Mon 25 Jul	Tue 26 Jul	Wed 27 Jul
NC01 - North Coast								
NC02 - Mid Coast To Mendocino								
NC03A - Bay Marine								
NC03B - Diablo-Santa Cruz Mtns								
NC04 - Northwestern Mtn								
NC05 - Sac Valley/Foothills								
NC06 - NE California								
NC07 - Northern Sierra								
NC08 - Far Eastside								

Weather:

***** Areas of Breeziness combined with Unseasonably Low RH will continue thru Fri *****

***** Building Heat next week *****

- Series of shortwave Trough passages thru Sat night with a strengthening Ridge & offshore lows next week.

- Appears to be dry next 7 days, outside of localized drizzle along the Coast, but **will be monitoring a Monsoon Moisture push latter half of next week.**

- **Warm to Hot Temps will continue** with high readings near to 10 deg above normal thru Sun then rising temps with 5-15 deg above norm next week.

- **Slight uptick in the wind speeds today-Fri with areas of NW-W-SW-S breezes continuing & peak gusts generally ranging btwn 20-30 mph but locally up to 40 mph possible** within the gaps leading of the Coastal Range & within the Delta Region.

- Localized breezes with a bit more variable wind directions during the weekend & earlier half of next week.

- **Unusually low RH values, both day & night, next 7 days** with min's away from the Coast in the single digits, teens & 20s with poor recoveries across the mid-slopes and along higher ridges.

- Slightly deepening Marine Layer Fri into the weekend & possibly once again sometime next week based on offshore low tendencies.

Fuels/Fire Potential:

- **Moderate risk potential exists across most low and middle elevations of the region during the next 7 days and driven by critically dry dead fuels, mostly cured herbaceous fuels, flammable shrubs & canopies in areas, plus some breeziness.**
- **Longer than normal burn periods are possible thanks to the flammable fuel alignments plus poor overnight recoveries across many areas.**
- Dead fuel moisture values will continue to lower most areas during the next 7 days with near to below normal readings including critically low values. **ERCs values will be near or above the 90th percentile most PSAs during the next 7 days with the Sacramento Valley & Foothills PSA and likely some other PSAs above the 97th percentile.**
- Herbaceous grass and forbs are mostly cured below 4000 feet and mostly cured in the annuals and partly cured in the perennials between 4000 to 6500 feet. **Curing is most progressive within species that are found in fully exposed areas.** Herbaceous fuel loading is generally considered to be near to above normal with above normal most prolific across the Modoc Plateau, Far Eastside and within portions of the Sac Vly-Foothills and Bay Area PSAs.
- Live Woody Brush-Shrubs & Tree Canopies are in a **mixed flammability state and most flammable across the lower elevations & some mid elevations.** Moisture found within each species is in a different phase of either curing or moistening. Curing is found in Chamise and is rather flammable while Sage is curing and becoming more flammable. Moisture within the Manzanita has generally peaked and is curing across many areas while Ponderosa Pine and Douglas Fir are in a mixed flammability state based on elevation & aspect.
- For the latest long-term drought information in California go to: <https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA>

Resources:

Preparedness Levels:

North Ops: 2

South Ops: 2

National: 3

MACS Mode: NOPS and SOPS 2

For more information about this product, go

to: <http://gacc.nifc.gov/oncc/predictive/weather/Fire%20Potential%20Documentation.htm>

For more general information about this product, go

to: http://gacc.nifc.gov/oncc/predictive/weather/explanation_of_Sig_7-Day_Fire_Pot_product.doc

Forecaster: JBW