



North Ops 7-day Significant Fire Potential Outlook

Issued by North Ops Predictive Services, Redding CA

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Predictive Service Area (PSA)	Mon 08 Apr	Tue 09 Apr	Wed 10 Apr	Thu 11 Apr	Fri 12 Apr	Sat 13 Apr	Sun 14 Apr	Mon 15 Apr
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 Sierras								
NC08 - Far Eastside								

Weather:

- **Warmer & drier conditions this week transition back to cooler & wetter Fri thru the weekend before drier & somewhat warmer conditions return early next week.**

- **Breezy to locally windy NW-NE gusts 15-35mph this morning & again tonight thru Wed morning along w/mdt to poor RH recoveries in the 30-60% range.** These conditions will occur across the Cascades & Sierras and thru the gaps & passes, as well as the foothills surrounding the Sac Valley, but also along some coastal/near coastal ridges.

- Min RHs likely to be in the 20-40% range across most interior valleys today & Wed w/diurnal RH pattern generally repeating thru Wed.

- **Showers & isolated T-storms** may develop as early as Thu afternoon-evening, but **more likely Fri afternoon-evening** across mainly the Cascades, Sierras, N Sac Valley, & NE CA.

- **Low pressure system likely to result in increasing southerly winds Fri & esp Sat across NE CA w/rain & mtn snow likely most areas Sat-Sun except perhaps far N-NE portions of N Ops.** Snow levels likely to be in the 4000-5000ft range.

- Breezy NW flow likely early next week w/some showers possible NW-N-NE areas.

- Temps warm to 5-15 deg F above normal today trend warmer to 10-20 deg F above normal most areas Wed-Thu. Temps trend downward Fri thru the weekend to 5-15 deg F below normal before returning closer to normal Mon-Tue.

- 7 Day precip thru 5am PDT Tue Apr 16th likely to be 0.50-1.5" for portions of N Coast, high terrain around the Sac Valley, Sac Valley N of Redding, & W of the Sac Valley S of Cape Mendocino w/generally lighter amounts elsewhere.

Fuels/Fire Potential:

- ***Uptick in IA likely to continue thru Fri due to warmer & drier conditions in areas w/finer dead fuels.***

- **No risk of significant fires next 7 days** due to low-mid elevation green up, substantial mid-upper elevation snowpack, & additional precipitation Fri thru the weekend leading to generally less flammable fuel conditions.

- Moisture within the North Ops snowpack ranged between 112-127% of normal as of Mon, Apr 8th. Snowpack peaked above the April 1st 1991-2020 average & remains above April 1st avg.

- **Dead Fuels** will trend drier thru Thu, generally moisten Fri-Sun, & the dry some again early next week. ERCs are expected to be drier than seasonal avg in the N Coast PSA & NE CA for the 7 day period and will trend from below avg to near avg across other PSAs except the NW Mtns & N Sierras PSAs. All will remain well below the 60th percentile.

- **Herbaceous** grasses & forbs are in various stages of green-up, generally below 3500-4000ft. Recent cold temps, w/frost & freezes in many areas, will slow growth, but upcoming sunny & warmer conditions w/increasing soil temps will reverse that.

- **Live Woody Brush-Shrubs & Tree Canopies** are in a noticeable green-up or growing season state, below 3000-3500ft, w/dormancy remaining across the rest of the area. Mixed flammability exists in the different species although less flammability will occur across the lower elevations in the coming weeks as moisture gets pulled upward.

- For the latest long-term drought information in California go to: <https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA>

Resources:

Preparedness Levels:

North Ops: 1

South Ops: 1

National: 1

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: BTL