



North Ops 7-day Significant Fire Potential Outlook

Issued by North Ops Predictive Services, Redding CA

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Predictive Service Area (PSA)	Sun 09 May	Mon 10 May	Tue 11 May	Wed 12 May	Thu 13 May	Fri 14 May	Sat 15 May	Sun 16 May
NC01 - North Coast								
NC02 - Mid Coast To Mendocino								
NC03A - Bay Marine								
NC03B - Diablo-Santa Cruz Mtns								
NC04 - Northwestern Mtn								
NC05 - Sac Valley/Foothills	W	W						
NC06 - NE California								
NC07 - Northern Sierras								
NC08 - Far Eastside								

Weather:

- *** High Risk Sacramento Vly/Foothills Today for Strong N Winds/Low RH *****
- High pressure building overhead through Wednesday. Dry with Temps 8-15 deg above ave.
 - **From the western Cascade-Sierra slopes to the coast Today...N-NE/Offshore winds with widespread gusts 25-35 mph and 45-55 mph in the most wind-prone spots. Min RH in windy areas 7-17%. Little to no overnight RH recovery.**
 - Same areas Tuesday...N-NE gusts 20-30 mph, locally higher, diminishing by early afternoon with moderate onshore flow/sea breeze (G 20-30 mph) developing in western areas during the afternoon. Min RH 10-20%. Poor RH recovery inland mid/upper slopes.
 - Light winds early Wednesday, becoming SW-NW with gusts to 20-30 mph in coastal areas and on higher terrain.
 - Low pressure trough approaching Thursday, moving overhead Friday, and to central CA Saturday. A slight chance of showers or thunderstorms far NE areas late Thursday, better chance over northern and eastern N Ops mts Friday and Saturday. Direct hit from a cell could yield 0.25-0.50 inches of rainfall. Hail and strong outflow winds also possible with any t-storm.
 - Breezy SW-NW winds Thur/Fri afternoons, with Min RH 20-30%. Breezy NW-NE winds Sat-Sun with Min RH 15-25%.

Fuels/Fire Potential:

- Elevated risk exists west of the Crest to portions of the Coastal Range-Bay Area today. Sacramento Valley and Foothills below 2000 ft have enough dry areas to warrant a High Risk.
- Mosaic of fire danger and fire behavior potential exists across N. CA. Highest potential will be dependent on aspect (S & W) & elevation. Please note local considerations such as cured herbaceous, local live fuel moisture sampling and where snow cover exists and just came off. Dryness in the dead fuels alone will promote extra fire behavior when there is slope-wind alignment.
- Dead fuel moisture of all size classes will remain below normal next 7 days. Some PSA's will be at record seasonal lows, including critically low values. **Dryness within the heavier fuels is most noticeable across the entire region and a sign of the ongoing Drought.**
- Cool season Herbaceous grass and forbs are quickly curing across the lowest elevations, generally below 2000-2500 ft with more pronounced green-up between 2500-4500 ft. Dead grass from the previous growing season is standing the most across the far East.
- Live Woody Brush-Shrubs have been taking up moisture across low & mid elevations with some species like Chamise starting to trend lower. Despite some moistening, woody live fuels such as Manzanita, are still available to contribute to fire spread most areas.
- Moisture within snowpack has dropped below 10% of normal for the date and will continue to lower. A more consistent snowpack is generally found above 7000 ft.
- 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: 2
National: 2

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: SL