



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 02 Jul	Thu 03 Jul	Fri 04 Jul	Sat 05 Jul	Sun 06 Jul	Mon 07 Jul	Tue 08 Jul	Wed 09 Jul
NC01 - North Coast								
NC02 - Mid Coast To Mendocino		W						
NC03A - Bay Marine								
NC03B - Diablo-Santa Cruz Mtns		W	W					
NC04 - Northwestern Mtn								
NC05 - Sac Valley/Foothills								
NC06 - NE California		L	L					
NC07 - Northern Sierras								
NC08 - Far Eastside		L	W					

Weather:

***** Elevated Fire Danger Today-Fri due to Increasing Winds & Drier Interior, followed by an intense lightning event across the N & E *****

***** High Risks issued Today-Fri due to Drier-Faster moving T-storms across North and enhanced dry Gusty Winds across portions of Greater Bay Area *****

- Interesting Fire Wx pattern next 7 days with a little of everything including near term wind-lightning concerns as well as another near Offshore Low Sun-Mon before a building Heat Wave signal.

- High confidence of increasing winds (breezy-locally windy) most areas Today-Fri due to a Wave Passage with RH remaining low to marginally low away from the immediate Coastal Influences.

- Strongest winds next 2 days will be found across the Greater Bay Area, gaps leading out of the Coastal Range and along/E of the Sierra Crest with outflows-downdrafts a concern across the N and E.

- Fast moving, drier T-storms will fire up across Modoc-Lassen and Washoe Counties this pm and move quickly to NE, additional fast moving storms are likely to fire up further west this evening, perhaps as far west as northern Trinity and central Siskiyou Counties while also continuing to impact Modoc-Washoe Counties that should last well into the overnight before dissipating sometime Fri am.

- Isol. drier-fast moving storms may fire back up near the OR border Fri pm altho less confident on that.
- Seasonal, onshore winds expected this weekend which means patches of breeziness but not nearly as strong compared to Today-Fri with lowering RH across the inland areas with Marine influences maintaining themselves near the Coast, esp. N. Coast.
- Model Guidance is suggesting another Near Offshore Low developing, further north this time, Sun to Tue which could create some instability and surface wind changes, less confident on the details but main t-storm signal at this time is found near the OR border and northward while wind speeds are likely to increase on Tue.
- Building Heat Wave (strengthening Thermal Belts/low to very low RH/intensifying thermal Low) signal is found after the Low weakens or moves away from the area next week altho how intense remains to be seen.

Fuels/Fire Potential:

- **IA will remain elevated during the next few, if not several days, due to increasing winds (BI's) following a near 17,000 lightning strike event, additional fast moving storms Today-Tonight and an overall increase in wind Today-Fri. *High Risk is forecast for the main alignment areas Today-Fri.***
- Monitoring early next week closely for any additional T-storm possibilities across the far north and longer burn periods and Heat Wave signal very possible as next week progresses.
- **Dead Fuel:** moisture fluctuations likely the next 7 days altho a general drying trend is expected across the interior while some improvement occurs near portions of the Coast during the near term. More noticeable drying is likely to take place as next week progresses. ERC's will be near to above normal during the next 7 days which for this time of year is fairly flammable although heavier rainfall taken across portions of the north creates a mosaic. A more widespread critically dry env. could be possible the latter half of next week depending on the Heat Wave signal.
- **Herbaceous** grasses & forbs are experiencing transitional green-up across mid & upper elevations and elevations below 3500-4500 ft are either mostly cured or curing rapidly west of the Crest. A lot of the annual grasses are cured or rapidly curing across most elevations of the Far East. **Herbaceous fuels across the lowlands and some mid elevations will promote heightened spread during elevated BI periods, including sudden outflow/downdraft moments.**
- **Live Woody Brush-Shrubs & Tree Canopies** are experiencing mixed flammability with curing and moistening depending on elevation and aspect. Chamise is curing and becoming more flammable while Manzanita has or is nearing its peak moistening stage. Sage is also curing and likely critically dry below 4500-5500 ft. Brush is becoming more of a contributor to fire spread although critically flammable moisture values are more localized. **This is the time of year when aspect is really important for determining flammable moisture levels across a varied landscape.**

For the latest long-term drought information in California go

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

- For the latest short-term drought information in California go to: https://downloads.psl.noaa.gov/pub/Public/mhobbins/EDDI/USFS_CA2/EDDI_02mn.png

Resources:

Preparedness Levels:

North Ops: 3

South Ops: 3

National: 3

MACS Mode: NOPS 2 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