



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 21 Aug	Tue 22 Aug	Wed 23 Aug	Thu 24 Aug	Fri 25 Aug	Sat 26 Aug	Sun 27 Aug	Mon 28 Aug
NC01 - North Coast								
NC02 - Mid Coast To Mendocino								
NC03A - Bay Marine								
NC03B - Diablo-Santa Cruz Mtns								
NC04 - Northwestern Mtn		L						
NC05 - Sac Valley/Foothills								
NC06 - NE California		L						
NC07 - Northern Sierras								
NC08 - Far Eastside								

Weather:

*****Scattered to Numerous Wet Storms Today*****

*****Dry and breezy over the higher terrain Thursday-Friday*****

A trough of low pressure located along the Central Coast is pumping monsoonal moisture into the region from the southwest latest satellite and forecast data suggests scattered to numerous storms are expected across the mountains and even some northern valley locations by afternoon. Convection will increase in coverage through the afternoon hours and become increasingly wet. **The primary concern will be abundant lightning in the Southern Cascades and the Northwestern mountains.** The Northern Sierras can also expect significant lightning as well; however, the wetness of the storms are expected to mitigate some of the large fire potential. Widely scattered convection is expected across the southern Mendocino NF as well. By Wednesday, the plume of moisture will begin to move off to the east impacting mainly the Northeastern California, Northern Sierras, and the Far East Side PSAs with scattered wet convection. A few storms may also be possible in the Northwestern Mountains near Mount Shasta.

Looking beyond Wednesday, the focus shifts from convection to wind as a cold front moves east across the Pacific Northwest on Thursday. Breezy west winds are expected across the higher terrain in the northern PSAs that border Oregon. Breeziness could continue into Friday as a weak disturbance moves across the northern portion of the state. Looking beyond Friday, a very

warm and dry ridge of high pressure will set up over the region and over the Great Basin prompting a return to above normal temperatures, low afternoon humidities, and poor smoke dispersion.

Fuels/Fire Potential:

Thunderstorm development today and Wednesday will be significant and wet. Any thunderstorm downdrafts near active fires could cause erratic fire behavior and rapid rates of spread. 100 Hr Dead fuel moisture readings are near to above normal values in most PSA's under the recent weather pattern. 1000 Hr fuels in the eastern areas are above normal while they remain at or below normal elsewhere. Under the warm, dry weather coming up, fuels/indices are expected to start moving back toward more average values in most areas after being above/below normal respectively for the past week or so. The live fuel component is no longer a deterrent to fire spread in most areas with their moisture values markedly now as is seasonable. North Ops IA resources will remain relatively busy, and demand for all resources remains high throughout the western states.

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

Resources:

Preparedness Levels:

North Ops:	4
South Ops:	3
National:	5
MACS Mode:	3 North Ops, 2 South Ops

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: BH