



## North Ops 7-day Significant Fire Potential Outlook

Issued by North Ops Predictive Services, Redding CA

Published: Thursday Jun 21, 2018 6:23:17 AM MT

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

### Weather:

#### \*\*\*High Risk due to Hot and Dry Gusty Northerly Winds Sacramento Valley and Foothills Friday night through Saturday Night\*\*\*

A secondary, weak Pacific wave will swing over northern portions of the region today. A few moderate buildup of cumulus clouds will be possible across the far north, otherwise very little impact is expected. Temperatures will be a little above normal most areas and wind speeds will be lower compared to yesterday with localized peak gusts to 20 mph under a broad W-NW flow.

The ridge will build over the coast and ultimately over the North Ops region Friday through the weekend. Temperatures will climb to above to well above normal status during this period. At the same time, an inside slider like Pacific wave will skirt up and over the ridge and allow for strengthening northerly winds starting late Friday afternoon and extending into Sunday morning. The most pronounced NW-N-NE wind flow in terms of speeds (up to 30 mph) and low humidity (down to 10%) will be found within the Sacramento Valley and surrounding foothills on Saturday. Thus, a high risk has been issued due to increasing confidence of the event although maximum speeds is still a little in flux. Far eastern areas will see some cooling effects due to a dry cold frontal passage.

Remaining confident that the ridge and significant heat would be short lived as it is expected to break down early next week due to a Pacific trough passage. W-SW winds will increase and humidity values will fall along the east slopes of the Cascade and Sierra Ranges favoring the Monday-Tuesday period. Temperatures should still be above normal early next week.

## Fuels/Fire Potential:

Dead fuel moisture levels will generally lower during the next 7 days although coastal areas will experience fluctuations due to dominant onshore flow through the period. Dryness levels will be at or below normal including live brush fuels. Annual grasses are pretty much cured at low and mid elevations so initial attack for grass and brush fires will likely continue and increase in frequency, especially during breezier weather, including during marginally low humidity conditions (20-30% RH). Gusty winds and low humidity is expected to align within the Sacramento Valley and surrounding foothills creating a High Risk period between Friday night through Saturday night. Recent lightning could create a few ignitions but slower spread rates are expected across the high country.

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

## Resources:

### Preparedness Levels:

North Ops: 1

South Ops: 2

National: 2

MACS Mode: 1 for both NOPS and SOPS

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](http://gacc.nifc.gov/oncc/predictive/weather/explanation_of_Sig_7-Day_Fire_Pot_product.doc)

Forecaster: JBW