North Ops 7-day Significant Fire Potential Outlook

Issued by North Ops Predictive Services, Redding CA

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<td>NC05 - Sac Valley/Foothills</td>
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<td>NC07 - Northern Sierras</td>
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Weather:

- Strengthening ridge through Wed, then some sort of break down in that ridge Thu-Fri with Pacific trough influences lasting into the weekend.

- More routine and lighter summer time wind today through Wed with pk gusts 20-25 mph favoring the Coastal Highlands, greater Bay Area and portions of Siskiyou county.

- Gustier wind flow starting Thu and lasting into the weekend although magnitudes still in question due to changing model forecasts.

- Lowering humidity with some minimums falling into the teens today across inland areas and becoming more widespread Tue through Thu favoring Sacramento Vly-Foothills, NE CA and Far Eastside PSAs.

- Near normal temps today then above average Tue to Thu before some cooling thereafter.

- Weather models continue to change their depiction of the type of trough influence late week into the weekend. Therefore confidence is low for specific details and more moderate for some sort of wind speed increase and cooling effect.

- The region looks to be precipitation free for the next 7 days although will be watching the evolution of the next trough.
Fuels/Fire Potential:

- Holdover lightning ignitions will show themselves during the next 3-5 days as the weather turns warmer-drier and ultimately breezier.

- Dead fuel moisture (100 and 1000 hr) values rose significantly this past weekend across most PSAs and are near to above average for the time of year. Look for the values to gradually lower back to near average or below average this week.

- Robust grass crop below 5000-5500 ft is mostly cured. Some late spring weed species and mid elevation perennials are still green in areas but curing. Thanks to recent heavy moisture in areas, a light flush of green-up could occur.

- Very little if any snow remains below 7500 ft. Ground litter and top soil will be a mix of dry-wet based on recent wetting rains and will gradually dry this week.

- Live fuel moisture in the shrubs has reached critical or near critical 100% or less values across portions of the south and east as well as within the Sacramento Vly-Foothills PSA thus contributing more to fire spread.

- For the latest long-term drought information in California go to: https://droughtmonitor.unl.edu

Resources:

- Preparedness Levels:
  - North Ops: 2
  - South Ops: 2
  - National: 3

- 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: JBW