



Weather Resources that Aid the NORCAL Burner



1. NWS Red Flag Warning-Fire Weather Watch: <https://www.wrh.noaa.gov/fire2/cafw>
2. NWS hourly Tabular and Graphical Forecasts:
 - a. <https://weather.gov>
 - b. Move cursor to the appropriate location on the map.
 - i. Choose local forecast office.
 - ii. Example: North Central CA or NW CA Coast
 - c. Scroll down webpage to area map.
 - i. Double click on map at approximate location for the burn.
 - d. Scroll down to small map (right side).
 - i. Refine your location by moving the cursor in the map and double clicking.

Detailed Forecast

Tonight	Clear, with a low around 36. Northeast wind 5 to 10 mph.
Monday	Sunny, with a high near 66. East northeast wind 3 to 6 mph.
Monday Night	Clear, with a low around 41. East wind 3 to 8 mph.
Tuesday	Sunny, with a high near 67. Southeast wind around 8 mph.
Tuesday Night	Mostly clear, with a low around 42. South southeast wind 6 to 8 mph.
Wednesday	Mostly sunny, with a high near 70.
Wednesday Night	Partly cloudy, with a low around 44.
Thursday	Mostly sunny, with a high near 62.
Thursday Night	Partly cloudy, with a low around 39.
Friday	A slight chance of showers, with thunderstorms also possible after 11am. Mostly sunny, with a high near 56.
Friday Night	A chance of rain and snow showers. Some thunder is also possible. Mostly cloudy, with a low around 35.
Saturday	A chance of rain and snow showers. Mostly cloudy, with a high near 50.
Saturday Night	A chance of rain and snow showers. Mostly cloudy, with a low around 33.
Sunday	A chance of rain and snow showers. Some thunder is also possible. Partly sunny, with a high near 50.

Additional Forecasts and Information

ZONE AREA FORECAST FOR SOUTH-CENTRAL SISKIYOU COUNTY, CA

Forecast Discussion | **Hourly Weather Forecast** | **Tabular Forecast** | Air Quality Forecasts | International System of Units | About Point Forecasts | Forecast Weather Table Interface

User Defined Area

Point Forecast: 3 Miles NNE Mt Shasta CA
41.37°N 122.28°W (Elev. 5400 ft)

Last Update: 2:27 pm PDT Apr 22, 2018
Forecast Valid: 3pm PDT Apr 22, 2018-6pm PDT Apr 29, 2018

Additional Resources

Radar & Satellite Image

- ii. Choose either **Hourly Weather Forecast** or **Tabular Forecast** highlighted by the red box.
- e. Forecast's are in 2 day increments. Pick and choose which elements you want to display.
- f. **Remember to bookmark the webpage for future use.**
 - i. Notice lat/long in the web address.
 - ii. You can change the lat/long when you change project location.
- g. NWS Text Discussions: Area Forecast Discussion (2 methods)

NWS Forecast Office Reno, NV

Current Hazards | Current Conditions | Radar | **Forecast** | Rivers and Lakes | Climate and Past Weather | Local Programs

Spring Gardening

Forecast Discussion

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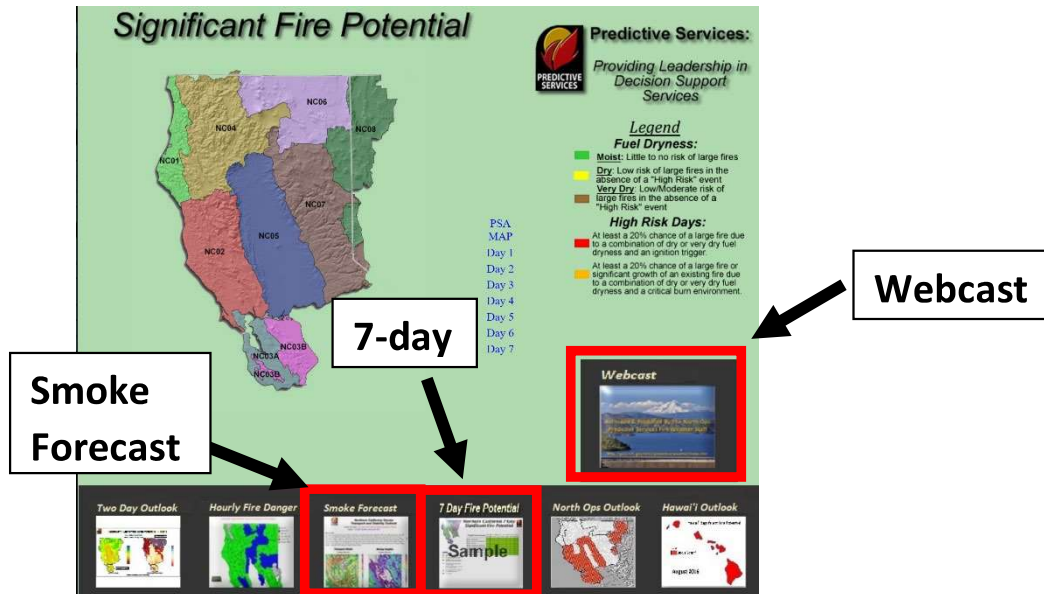
User Defined Area

Created by: Brent Wachter (Predictive Services) and Brett Lutz (National Weather Service) presented at the 2018 Northern California Prescribed Fire Council meeting in Mt. Shasta, CA.

h. Fire Weather Planning Forecast Discussion

- i. Choose "Fire Weather" in drop down menu.
- ii. Double click on the map.
- iii. Or visit <https://www.wrh.noaa.gov/fire2/cafw> and click on the map.

3. North Ops Predictive Service Website: <https://gacc.nifc.gov/oncc/predictive/weather/index.htm>



4. High Resolution Weather Models

- a. CANSAC WRF: https://cansac.dri.edu//cansac_output.php?model=wrf
 - i. 2km domain: Sfc 10m Wind speed or Sfc RH (NW quad)
- b. HRRR: https://rapidrefresh.noaa.gov/hrrr/HRRR/Welcome.cgi?dsKey=hrrr_ncep_jet
 - i. Change domain to NW
 - ii. Weather fields: 10m Wind, 10m wind gust, 2m RH, Composite Reflectivity, total acc precip
- c. Tropical Tidbits: <https://www.tropicaltidbits.com/analysis/models/>
 - i. Click on Mesoscale tab and choose NAM3km
 - ii. Click on Region tab and choose Southwest
 - iii. Click on Precip/Moisture tab and choose from several useful fields like MSLP & Precip (Rain/Frozen)

5. Air Resource Board Met Program: <https://www.arb.ca.gov/smp/met/met.htm>

- a. Choose Air Basin and click on it.

6. Missoula Lab Fire Weather Alert System (FWAS): <https://weather.firelab.org/fwaf/>

- a. Set your location
- b. Name alert
- c. Set your watch radius
- d. Set expiration time
- e. Set weather thresholds
- f. Input contact info (cell # or email)

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