



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** | Air Quality Forecasts
 Printable Forecast | **Tabular Forecast** | International System of Units
 Text Only Forecast | Forecast Weather Table Interface

User Defined Area

Topographic
Click Map For Forecast

Forecast 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

Forecast Discussion

Additional Resources

Radar & Satellite Image

Forecast area location

- 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)

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

Local Forecast by City, ZIP or ZIP code

Location Help

NWS Forecast Office Reno, NV
Reno, NV
Weather Forecast Office

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

Spring Gardening

Forecast Discussion

Hourly Weather Forecast
Tabular Forecast

Air Quality Forecasts
International System of Units
About Point Forecasts
Forecast Weather Table Interface

User Defined Area

City	Record	Average Last 32° (Frost)	Latest 32° on Record
Reno, NV	5/11	4/24	6/13
Carson City, NV	6/6	5/7	6/10
Minden, NV	6/13	6/2	7/24
Fallon, NV	5/17	5/14	6/13
Yerington, NV	5/16	4/29	6/8
Lovelock, NV	4/6	5/27	4/24

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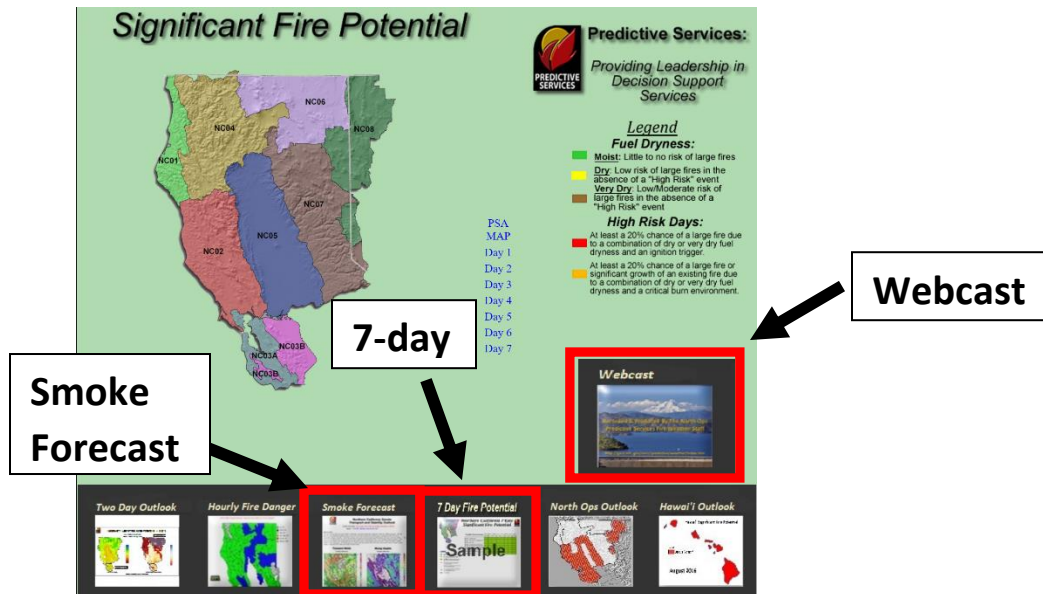
Radar & Satellite Image

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/fwasm/>

- 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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