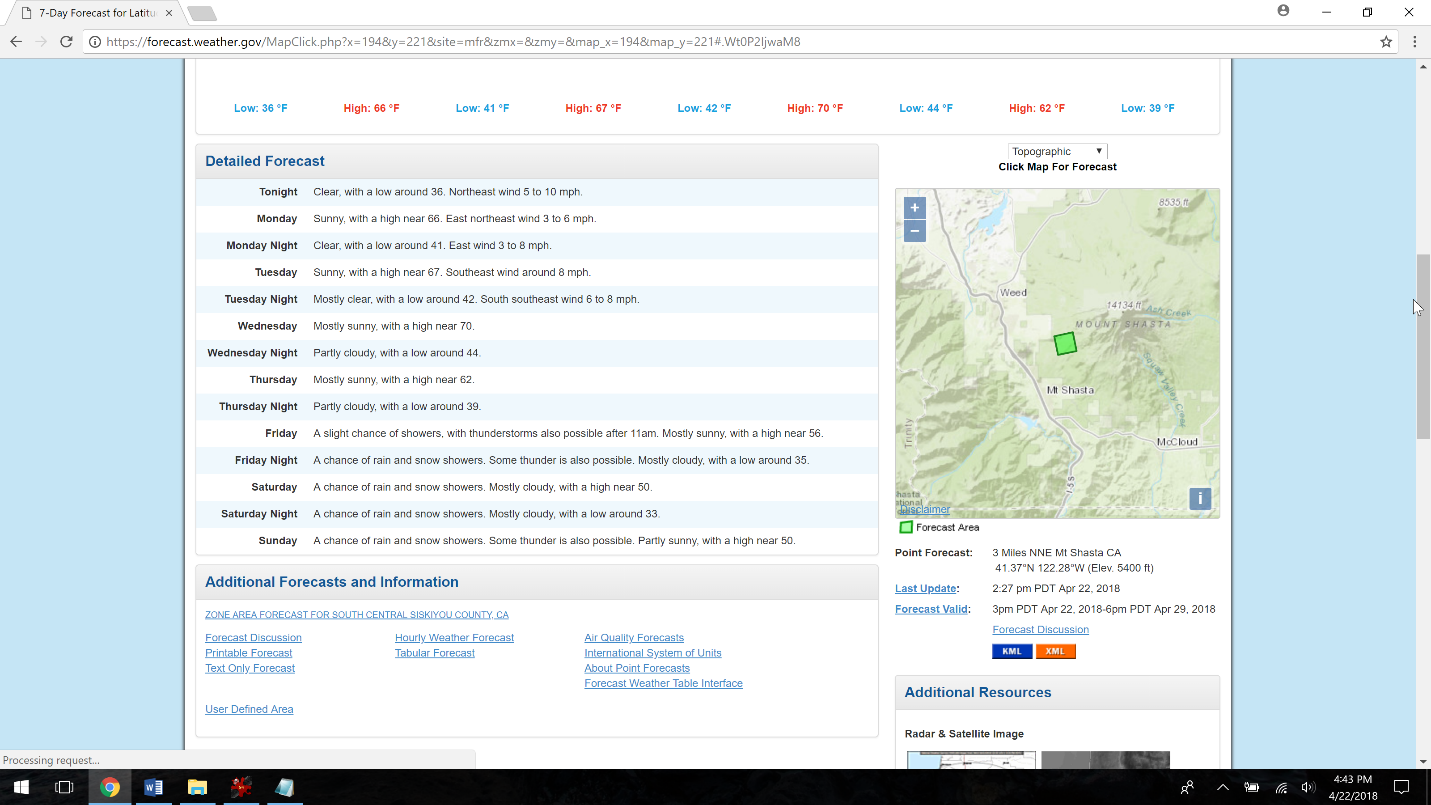
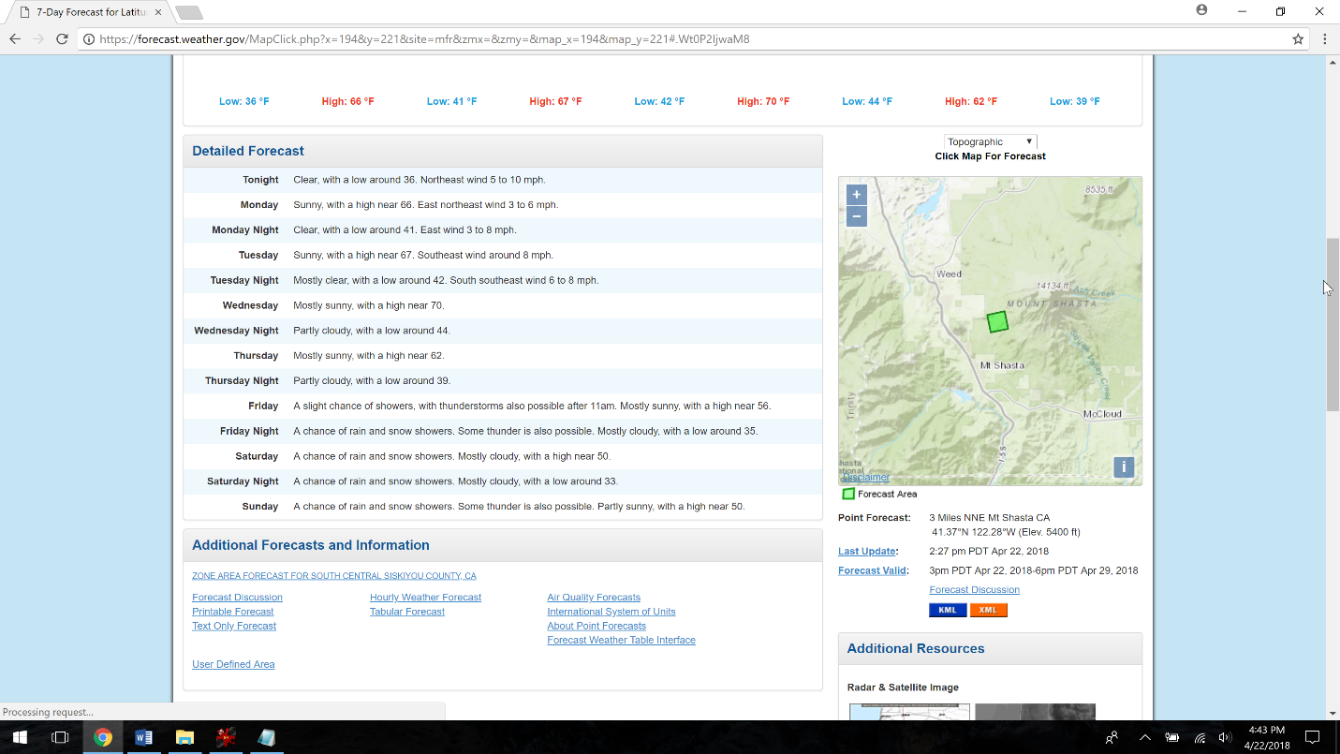
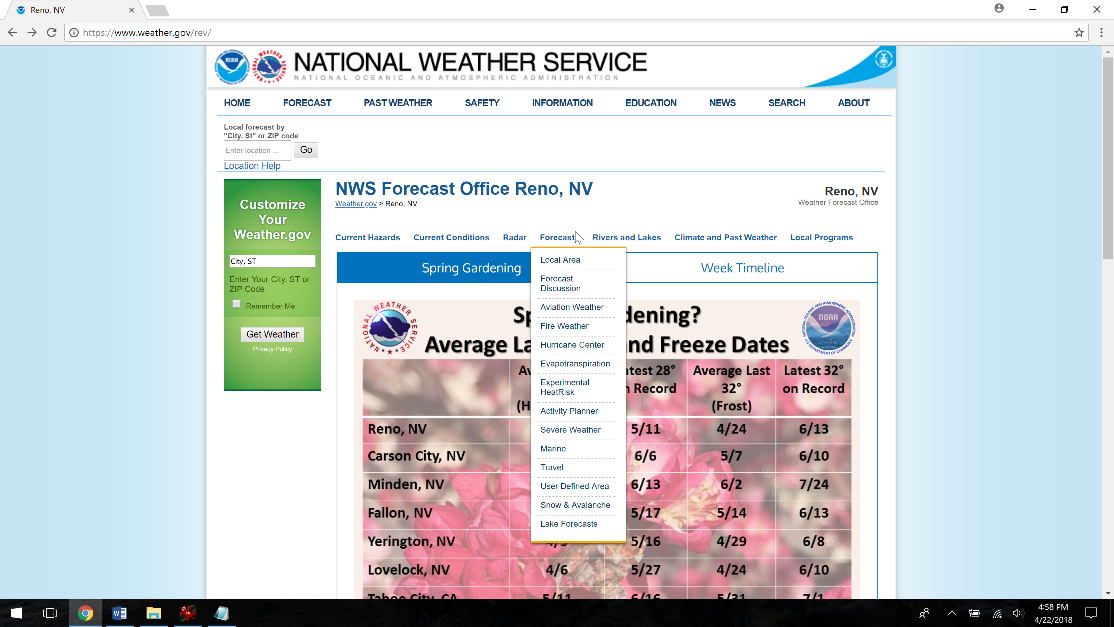
**Weather Resources that Aid the NORCAL Burner**

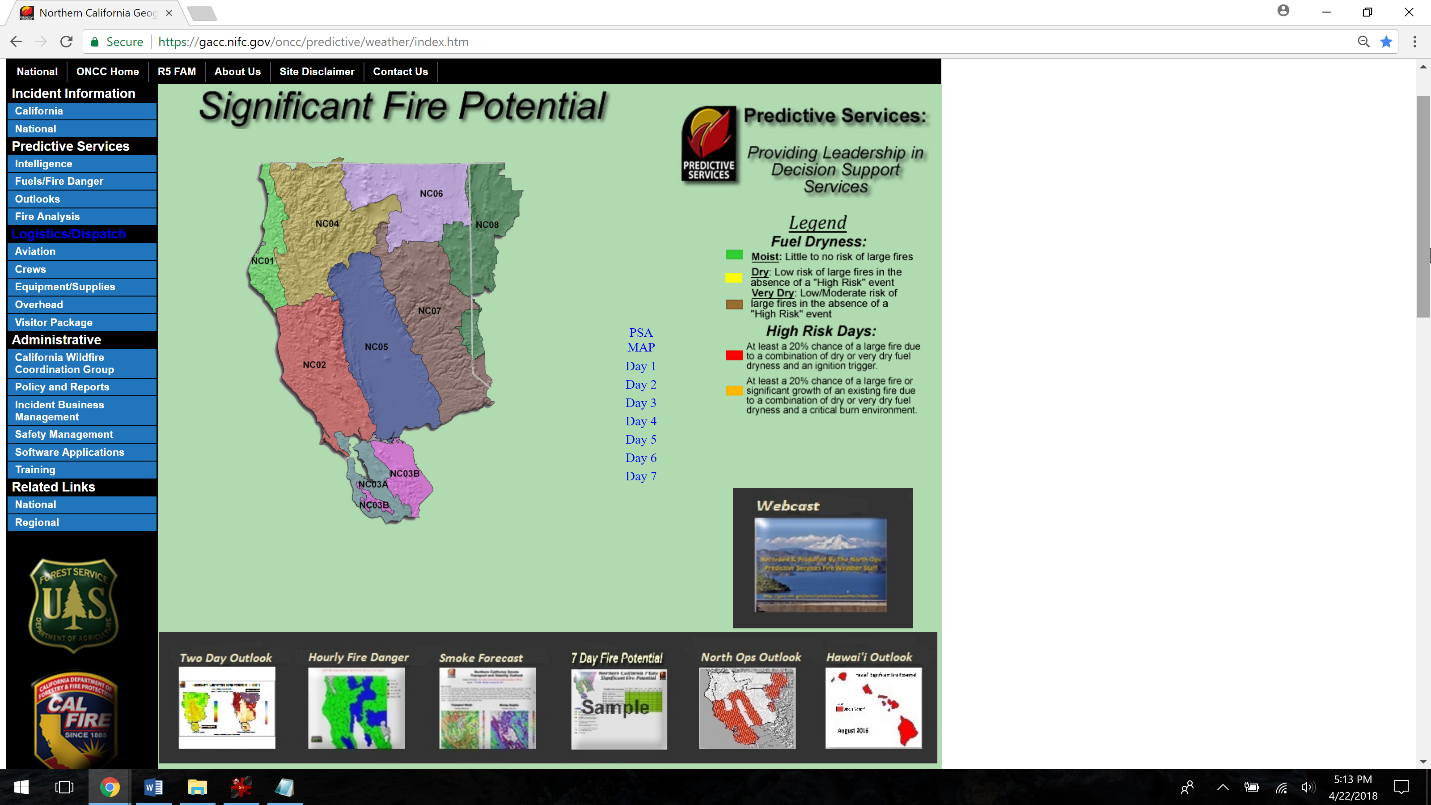
1. NWS Red Flag Warning-Fire Weather Watch: <https://www.wrh.noaa.gov/fire2/cafw>
2. NWS hourly Tabular and Graphical Forecasts:
   1. <https://weather.gov>
   2. Move cursor to the appropriate location on the map.
      1. Choose local forecast office.
      2. Example: North Central CA or NW CA Coast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



Forecast area location

* + 1. Choose either **Hourly Weather Forecast** or **Tabular Forecast** highlighted by the red box.
  1. Forecast’s are in 2 day increments. Pick and choose which elements you want to display.
  2. **Remember to bookmark the webpage for future use.** 
     1. Notice lat/long in the web address.
     2. You can change the lat/long when you change project location.
  3. NWS Text Discussions: Area Forecast Discussion (2 methods)
  4. Fire Weather Planning Forecast Discussion
     1. Choose “Fire Weather” in drop down menu.
     2. Double click on the map.
     3. Or visit <https://www.wrh.noaa.gov/fire2/cafw> and click on the map.

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



**Webcast**

**7-day**

**Smoke Forecast**

1. High Resolution Weather Models
   1. CANSAC WRF: <https://cansac.dri.edu//cansac_output.php?model=wrf>
      1. 2km domain: Sfc 10m Wind speed or Sfc RH (NW quad)
   2. HRRR: <https://rapidrefresh.noaa.gov/hrrr/HRRR/Welcome.cgi?dsKey=hrrr_ncep_jet>
      1. Change domain to NW
      2. Weather fields: 10m Wind, 10m wind gust, 2m RH, Composite Reflectivity, total acc precip
   3. Tropical Tidbits: <https://www.tropicaltidbits.com/analysis/models/>
      1. Click on Mesoscale tab and choose NAM3km
      2. Click on Region tab and choose Southwest
      3. Click on Precip/Moisture tab and choose from several useful fields like MSLP & Precip (Rain/Frozen)
2. Air Resource Board Met Program: <https://www.arb.ca.gov/smp/met/met.htm>
   1. Choose Air Basin and click on it.
3. Missoula Lab Fire Weather Alert System (FWAS): <https://weather.firelab.org/fwas/>
   1. Set your location
   2. Name alert
   3. Set your watch radius
   4. Set expiration time
   5. Set weather thresholds
   6. Input contact info (cell # or email)