

Fire & FUELS MONITORING WORKSHOP

2016

Protocols: Can simply be typed out in a document or use the forms found in the Appendix of the Park Service Fire Monitoring Handbook.

<https://www.nps.gov/fire/wildland-fire/resources/documents/fire-effects-monitoring-handbook.pdf>

Plot location & randomization: Can be created with a GIS program, by throwing darts at a map, or use Plot Hound (if you are using for mortality).

<https://silviaterra.com/plot-hound/>

Measurements: A list of equipment needed for a monitoring kit can be found in the Fire Monitoring Handbook. Some helpful apps for measurements...

- Avenza PDF Maps <http://www.avenza.com/pdf-maps>
- Plot hound for mortality (see above)
- Tally Pad for custom tallies <https://itunes.apple.com/us/app/tallypad/id369757111?mt=8>
- Forest Park and Garden (FPG) Clinometer at itunes or google play stores.

Data Entry: For a data base you can use Firemon or Fuels Characteristic Classification System (FCCS) which is now part of Fuel and Fire Tools. Both are free downloads. The Photo Series web site is now connected to FCCS.

Firemon <http://www.fire.org/index.php?option=content&task=category§ionid=5&id=22&Itemid=48>

FCCS <http://www.fs.fed.us/pnw/fera/fft/>

Photo Series <http://depts.washington.edu/nwfire/dps/>

Lakes Environmental has a program that allows you to create your own “Wind Rose” graph.

<http://www.weblakes.com/products/wrplot/?AspxAutoDetectCookieSupport=1>

Land fire is an online GIS system that can provide information on fuels and conditions. The layers can also be imported to your own GIS systems.

<http://www.landfire.gov/viewer/>

USGS has a verity of imagery that can be downloaded for things like burn severity.

<http://earthexplorer.usgs.gov/>

Excel Spread Sheet to Google Earth can be done at earthpoint.us

<http://www.earthpoint.us/exceltokml.aspx>