



Useful Links for Desktop Review and Monitoring of Fire and Weather Activity – Partial List

Compiled by Don Lindsay

General Information Resources

- CalTOPO: [CalTopo - Backcountry Mapping Evolved](#)
 - Geology
 - Fire history
 - Fire activity
 - Structures
 - Geology
 - Slope angle
 - Ownership
 - Imagery
 - Shaded relief
- National Geologic Map Database: [National Geologic Map Database \(usgs.gov\)](#)
 - Topography
 - Geology
- Google Earth: [Google Earth](#)
 - Current and historic imagery

Burn Severity Data

- Monitoring Trends in Burn Severity (MTBS): [Home | MTBS](#)
- BAER Burn Severity Viewer: [Burn Severity Viewer \(usgs.gov\)](#)
 - Fire history
 - Fire perimeters
 - Fire severity
 - .KMZ
 - .TIF
 - .SHP
 - .PDF

USGS Landslide Hazards

- USGS Landslide Hazards Program: <https://www.usgs.gov/programs/landslide-hazards>
- USGS Post Wildfire Debris Flow Hazard Assessment Dashboard: [PWDFD Dashboard \(arcgis.com\)](#)
 - Post-fire Debris Flow Likelihood and Volume

Wildland Fire Incident Information

- National Interagency Fire Center (Main Web Page): <https://www.nifc.gov/>
 - National Interagency Fire Center: <https://data-nifc.opendata.arcgis.com/>
 - Current Wildland Fires
 - Historic Wildland Fires
 - Historic Operational Data
 - Weather
 - Boundaries
 - InciWEB: <https://inciweb.nwcg.gov/>
 - Current Reports and statistics
 - Mapping Tools and Information
 - Prevention
 - National Wildland Fire Agencies and Organizations
- National Interagency Coordination Center (NICC): <https://www.nifc.gov/nicc/index.htm>
- CALFIRE incidents: <https://www.fire.ca.gov/incidents/>

Current and historic weather information

- Atlas 14: [PF Map: Contiguous US \(noaa.gov\)](#)
 - Depth-duration-frequency and intensity-duration-frequency data
- National Weather Service: <https://www.weather.gov/>
 - Observations
 - Forecasts
 - Climate
- Weather Underground: [Local Weather Forecast, News and Conditions | Weather Underground \(wunderground.com\)](#)
 - Weather data
- Mesowest: [MesoWest Data \(utah.edu\)](#)
 - Weather data
- California Nevada River Forecast Center: [CNRFC - California Nevada River Forecast Center \(noaa.gov\)](#)

Current and Historic Radar Products

- NOAA Radar Archive: [Radar Archive \(noaa.gov\)](#)
- Multi-radar multi-sensor (MRMS) Operational Product Viewer: [Op Product Viewer \(noaa.gov\)](#)
- <https://www.ncdc.noaa.gov/nexradinv/>

National BAER

- Burned Area Emergency Response – BAER: [WO Staff Program - Burned Area Emergency Response BAER \(usda.gov\)](#)

- Field Guide for Mapping Post-fire Soil Burn Severity:
<https://www.fs.usda.gov/research/treesearch/36236>

Hydrology

- USGS StreamStats: [StreamStats | U.S. Geological Survey \(usgs.gov\)](#)

Additional resources

- Silver Jackets Flood After Fire California Toolkit: [Flood After TabFire California Toolkit \(army.mil\)](#)