



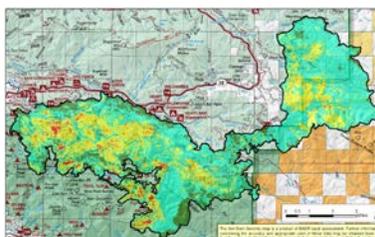
Burned Area Emergency Response (BAER)

BAER Information: (909) 747-9878

LAKE BAER ASSESSMENT UPDATE – JULY 5, 2015

The [San Bernardino National Forest](#) BAER assessment team continues to coordinate and work with the **USDA Natural Resources Conservation Service (NRCS)**, **US Geological Survey (USGS)**, **National Weather Service (NWS)**, **Bureau of Land Management (BLM)**, **San Bernardino County, California Department of Transportation (CALTRANS)**, **San Geronio Wilderness Association**, and other federal, state, and local agencies to strategically evaluate potential post-fire impacts to the watersheds burned from the recent [Lake Fire](#).

BAER specialists completed their data gathering and verification field work in the **Lake Fire** burn area and finalized a **Soil Burn Severity** map. The map shows that approximately 70% of the 30,488 acres analyzed by the BAER team within the **Lake Fire** perimeter are either unburned or have a low soil burn severity, while 28% sustained a moderate soil burn severity and 2% received a high soil burn severity. The assessment team uses the map to model potential impacts to human life, safety, and property from storm events and consider emergency stabilization options for those critical resources. The soil burn severity BAER map can be downloaded at the “[Lake Post-Fire BAER](#)” InciWeb site as JPEG or PDF version under the “maps” tab.



The BAER team continues to meet with **San Bernardino National Forest** staff, interagency cooperators, and interested stakeholders to identify potential **Values-at-Risk (VAR)** within and downstream of the burn area and further refine the VAR through its field and data analysis work. The BAER team anticipates completing its final **BAER Report** by the end of the week. The report, which contains the team’s findings and recommended emergency treatment measures, is submitted to the **Forest Service’s Pacific Southwest Regional Office** for approval and funding.

Additional BAER team updates will be provided as the team’s burned area assessment progresses and can be found at “[Lake Post-Fire BAER](#)” InciWeb page at <http://inciweb.nwcg.gov/incident/4346/>.

Key BAER Messages

- The **Forest Service BAER** assessment team is working with its interagency cooperators and interested stakeholders across boundary jurisdictions to assess the burned area of the **Lake Fire**.
- The **Forest Service BAER** assessment team recently produced an initial **BARC** (Burned Area Reflectance Classification) map using pre-fire and post-fire satellite imagery of the **Lake Fire** burned area.
- The BAER team validated and adjusted the initial **BARC** map by its burned area surveys and produced a final **Soil Burn Severity** map that will be used for post-fire hydrologic response and erosion modeling during their burned area assessment of the **Lake Fire**.
- The BAER team anticipates completing its analysis, modeling, and recommended emergency treatments later this week.
- Multiple agencies, including the **Forest Service, NRCS, NWS, USGS, CALTRANS**, and **San Bernardino County** are working together and coordinating with other state and local agencies and cooperators who assist affected landowners prepare for rain events.

Lake Post-Fire BAER Assessment information is available at <http://inciweb.nwcg.gov/incident/4346/>.

