

Forest Service and Bureau of Land Management

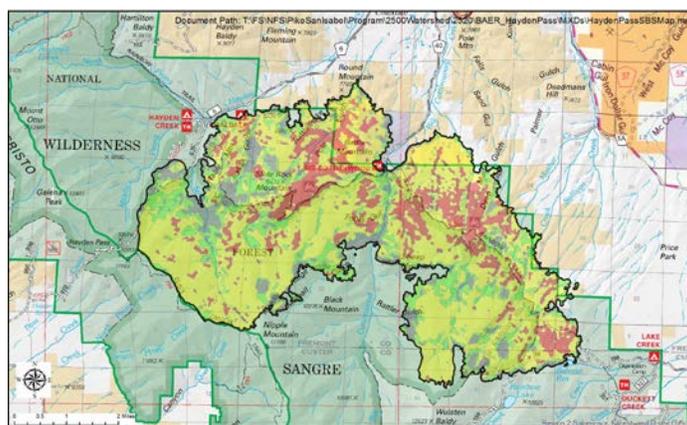
## Burned Area Emergency Response (BAER)

Hayden Pass Post-Fire BAER Assessment



BAER Information: (415) 881-1871

### BAER UPDATE – HAYDEN PASS FIRE SOIL BURN SEVERITY MAP RELEASED



[Burned Area Emergency Response \(BAER\)](#) specialists recently completed their data gathering and verification field work of the [Hayden Pass Fire](#) burn area. The **Soil Burn Severity** map has been finalized. Soil Burn Severity levels are **Unburned**, **Low**, **Moderate**, and **High**.

The map shows that in the fire area, approximately 26% of the 16,520 acres analyzed by the **BAER** team within the **Hayden Pass Fire** is either unburned (10%) or low (16%) soil burn severity, while 56% sustained a moderate soil burn severity, and 18% burned at high soil burn severity.

The **BAER** post-fire assessment team uses the soil burn severity data to identify if there are areas of concern where increased soil erosion, accelerated surface water run-off, and debris flows have the potential to impact human life/safety, property, and critical natural and cultural resources from storm events. The interagency **BAER** team consists of [Forest Service](#) and [Bureau of Land Management](#) scientists and specialists that are considering emergency stabilization options for those critical resources.

**BAER Team Leader Eric Schroder** stated, "Erosion and run-off throughout most of the **Hayden Pass Fire** area will increase as a result of the fire. This is because over one-half of the fire experienced moderate or high soil burn severity. In specific areas that experienced moderate to high soil burn severity, there could be concern for run-off from steep hillslopes and resultant increases in post-fire soil erosion and debris flows."

The **Hayden Pass Fire** soil burn severity **BAER** map can be downloaded at the interagency "**Hayden Pass Post-Fire BAER**" InciWeb site as a JPEG or PDF version under the "maps" tab.

A "**Field Guide for Mapping Post-Fire Soil Burn Severity**" can help with interpreting the map and can be found online at [http://www.fs.fed.us/rm/pubs/rmrs\\_gtr243.pdf](http://www.fs.fed.us/rm/pubs/rmrs_gtr243.pdf).

**SPECIAL NOTE:** *Everyone near and downstream from the **Hayden Pass Fire** burned area should remain alert and stay updated on weather conditions that may result in heavy rains over the fire area. Flash flooding may occur quickly during heavy rain events. Current weather and emergency notifications can be found at the **National Weather Service, Pueblo** (<http://www.weather.gov/pub/>) website.*

Hayden Pass Post-Fire BAER Assessment information is available at <http://inciweb.nwcg.gov/incident/4879/>.

