

## Colville National Forest

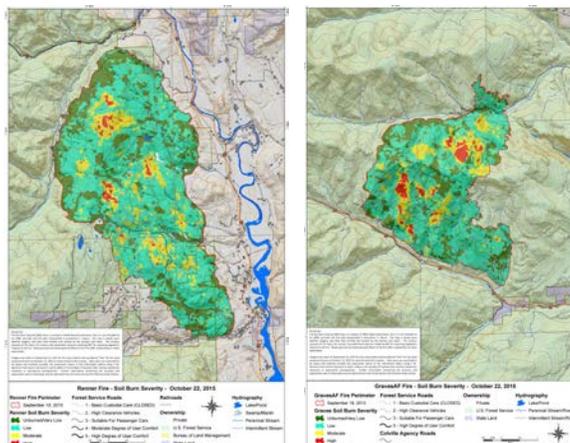
## Burned Area Emergency Response (BAER)

## Post-Fire BAER Assessment &amp; Implementation



BAER Information: (415) 881-1871

## RENNER & GRAVES MOUNTAIN POST-FIRE BAER SOIL BURN SEVERITY MAPS RELEASED



**Burned Area Emergency Response (BAER)** specialists recently completed their data gathering and verification field work in the **Renner Fire** and **Graves Mountain Fire** burn areas that burned on the [Colville National Forest](#) (NF), and finalized a **Soil Burn Severity** map. The **Renner** and **Graves Mountain** fires were part of the [Kettle Complex](#) of wildfires. **BAER** soil burn severity mapping levels are 1) Unburned/Very Low, 2) Low, 3) Moderate, and 4) High.

The map shows that approximately 87% of the 13,800 acres analyzed by the **BAER** team within the fire perimeters of the **Renner Fire** are either unburned or have a low soil burn severity, while 13% sustained a moderate soil burn severity and less than 1% received a high soil burn severity; and 82% of the 8,600 acres analyzed by the **BAER** team within the fire perimeters of the **Graves Mountain Fire** are either unburned or have a low soil burn severity, while 14% sustained a moderate soil burn severity and 4% received a high soil burn severity

The **BAER** assessment team used the map and field assessments to estimate potential impacts to human life, safety, property, natural and cultural resources from storm events and considered emergency stabilization options to **BAER** critical values-at-risk.

**BAER assessment team leader Mary Moore** stated, "The high and moderate soil burn severity watersheds in the **Kettle Complex** have the potential for increased runoff, erosion, and debris flows after intense rain storm events which can create a concern for public safety, homes near stream channels, roads, and trails downslope and downstream from the burned area. The public should stay alert to their surroundings this winter for rain-on-snow events and next summer if summer thunderstorms are predicted."

The soil burn severity **BAER** map can be downloaded at the "[2015 Colville NF 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 **Kettle Complex** burned areas should remain alert and stay updated on weather conditions that may result in heavy rains over the burn scar. Flash flooding may occur quickly during heavy rain events. Current weather and emergency notifications can be found at the **National Weather Service, Spokane Office** (<http://www.wrh.noaa.gov/otx/>) website.*

Colville NF Post-Fire BAER Assessment & Implementation information is available at <http://inciweb.nwcg.gov/incident/4646/>.

