



Soil Burn Severity

- High soil burn severity:**
All or nearly all of the pre-fire ground cover and surface organic matter (litter, duff, and fine roots) is generally consumed, and charring may be visible on larger roots. Soil is often gray, orange, or reddish at the ground surface where large fuels were concentrated and consumed.
- Moderate soil burn severity:**
Up to 80 percent of the pre-fire ground cover (litter and ground fuels) may be consumed but generally not all of it. There may be potential for recruitment of effective ground cover from scorched needles or leaves remaining in the canopy that will soon fall to the ground. Soil structure is generally unchanged.
- Low soil burn severity:**
The ground surface, including any exposed mineral soil, may appear (lightly charred), and the canopy and understory vegetation will likely appear "green."
- Very Low or Unburned:**
Little to no burn expected within these areas. Canopy and ground litter completely intact. Little to no vegetative mortality expected.

For additional information including photo examples of soil burn severity see the Field Guide for Mapping Post-Fire Soil Burn Severity at http://www.fs.fed.us/rnv/bs/mgs_012-43.pdf

Soil Burn Severity Mapping – The Soil Burn Severity (SBS) for the Cameron Peak Fire was completed on 11/11/2020 using Burned Area Reflectance Classification (BARC) from 09/13/2020, 10/13/2020 and 11/02/2020. It was completed with limited field verification and satellite imagery was used to refine the SBS.

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BAER Burned Area Emergency Response
Cameron Peak BAER
 Soil Burn Severity
 Roosevelt National Forest -- Canyon Lakes Ranger District
 Nov. 17, 2020

- Boating Site
- Campground
- Fishing Site
- Group Campground
- Info Site/Fee Station
- Interpretive Site
- Lookout/Cabin
- Picnic Site
- Snowpark
- Trailhead
- Wildlife Viewing Site
- National Forest System Trail

- National Forest System Roads**
Operational Maintenance Level
- 1 - Basic Custodial Care (Closed)
 - 2 - High Clearance Vehicles
 - 3 - Suitable For Passenger Cars
 - 4 - Moderate Degree of User Comfort
 - 5 - High Degree of User Comfort

- Non-National Forest System Roads
- State Highway/US Highway
- Fire Perimeter 11/01/2020
- Waterbodies
- River/Streams

- National Forest Boundary
- US Forest Service
- Non Federal Lands
- Rocky Mountain National Park
- Bureau of Land Management
- Private
- State
- Wilderness

1:55,000

Coordinate System: NAD 1983 UTM Zone 13N
 Projection: Transverse Mercator
 Datum: North American 1983