

Jolly Mountain Fire Soil Burn Severity

The Soil Burn Severity Map is derived from satellite imagery and modified by agency soil scientists following aerial reconnaissance and field verification. It is a rapid assessment that displays the distribution of soil burn severities. Consider the provisional nature of the information before using it for decisions that concern personal or public safety or the conduct of business that involves monetary or operational consequences.

Soil Burn Severity Classes

Very Low or Unburned - Soil and ground cover are unaffected by fire

Low - Ground cover is reduced but largely intact; soil structure is unchanged

Moderate - Up to 80% of pre-fire ground cover may be consumed; near-surface soil structure changes may have occurred. Falling needles may help restore effective ground cover relatively quickly

High - Nearly all of pre-fire ground cover consumed; soil structure is less stable or destroyed. Bare soil is susceptible to erosion

Soil Burn Severity

- Very Low or Unburned
- Low
- Moderate
- High