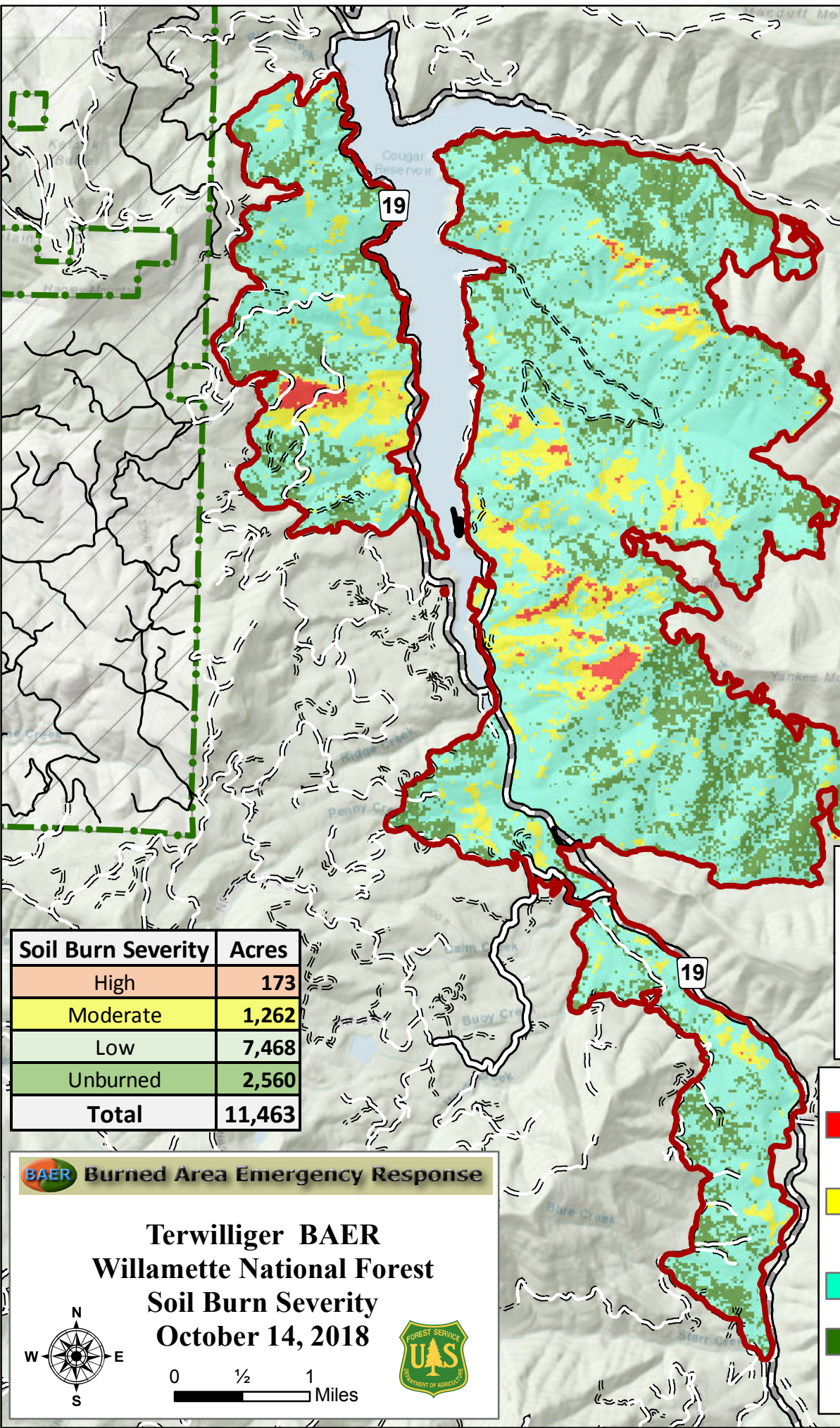
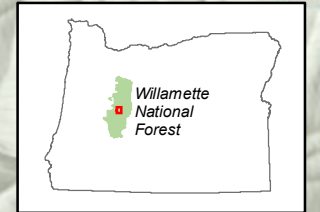


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Soil Burn Severity	Acres
High	173
Moderate	1,262
Low	7,468
Unburned	2,560
Total	11,463

Fire Perimeter - Sept. 28, 2018

National Forest Boundary

Other Land, Including Private

Road - Operational Maintenance Level

- 5 - High Degree of User Comfort
- 4 - Moderate Degree of User Comfort
- 3 - Suitable for Passenger Cars
- 2 - High Clearance Vehicles
- 1 - Basic Custodial Care (Closed)
- Non FS Road

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/rm/ynubs/mrms_gf243.pdf

BAER Burned Area Emergency Response

Terwilliger BAER
Willamette National Forest
Soil Burn Severity
October 14, 2018

0 1/2 1 Miles