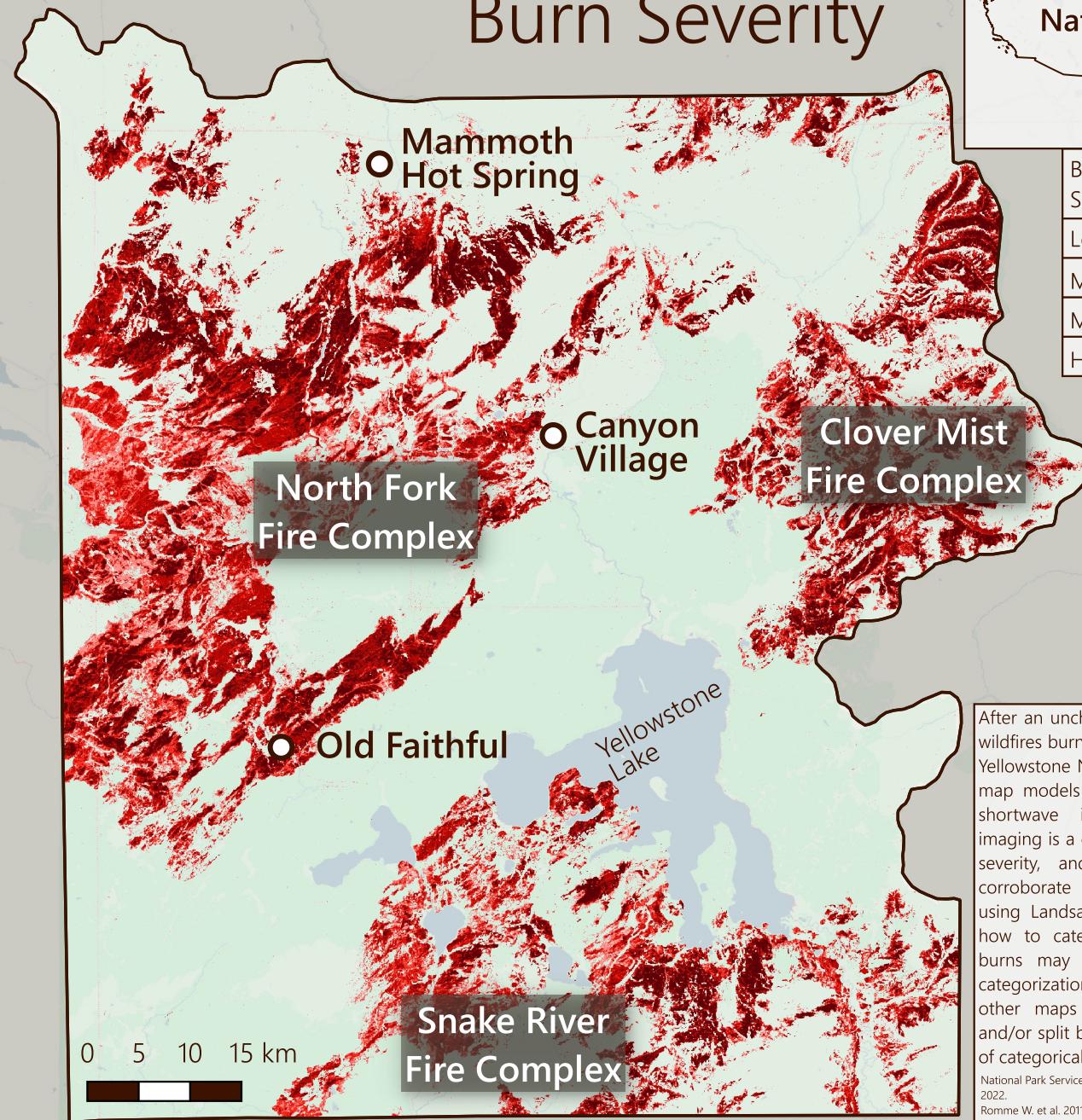


# 1988 Yellowstone Wildfire Burn Severity



Burn Severity	Area Burned (km <sup>2</sup> )
Low	840.1
Moderate-Low	577.2
Moderate-High	783.3
High	663.3

Yellowstone National Park Boundary

Burn Severity  
Low  
Moderate-Low  
Moderate-High  
High

After an uncharacteristically dry summer in 1988, wildfires burned about 3,000 square kilometers of Yellowstone NP (National Park Service 2021). This map models those burn zones using near and shortwave infrared imaging data. Infrared imaging is a common method for modeling burn severity, and thus this map will generally corroborate the findings of other researchers using Landsat data. However, the decisions on how to categorize the different intensities of burns may differ. This map uses the USGS categorization scheme (with four levels), but other maps may choose different thresholds and/or split burn severity into a different number of categorical levels (Romme 2011).

National Park Service. 2021. Yellowstone: 1988 Fires. nps.gov. Retrieved Oct. 4, 2022.

Romme W. et al. 2011. Twenty Years After the 1988 Yellowstone Fires. Ecosystems 14(7).