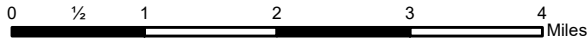


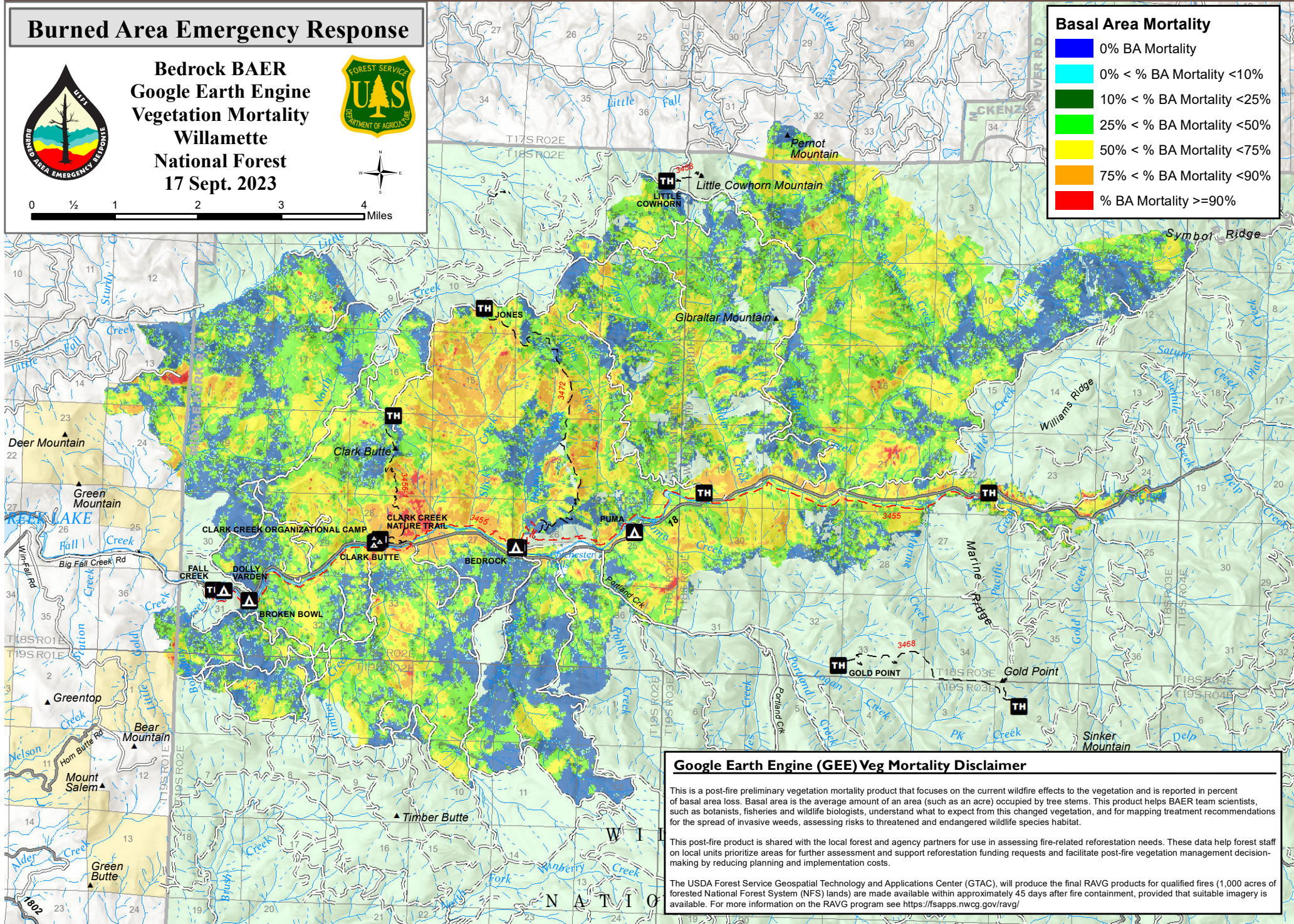
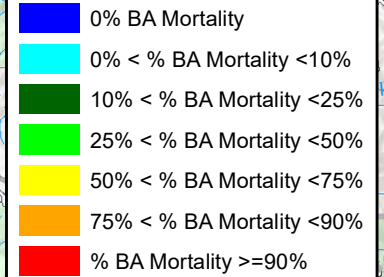
# Burned Area Emergency Response



**Bedrock BAER**  
**Google Earth Engine**  
**Vegetation Mortality**  
**Willamette**  
**National Forest**  
**17 Sept. 2023**



## Basal Area Mortality



### Google Earth Engine (GEE) Veg Mortality Disclaimer

This is a post-fire preliminary vegetation mortality product that focuses on the current wildfire effects to the vegetation and is reported in percent of basal area loss. Basal area is the average amount of an area (such as an acre) occupied by tree stems. This product helps BAER team scientists, such as botanists, fisheries and wildlife biologists, understand what to expect from this changed vegetation, and for mapping treatment recommendations for the spread of invasive weeds, assessing risks to threatened and endangered wildlife species habitat.

This post-fire product is shared with the local forest and agency partners for use in assessing fire-related reforestation needs. These data help forest staff on local units prioritize areas for further assessment and support reforestation funding requests and facilitate post-fire vegetation management decision-making by reducing planning and implementation costs.

The USDA Forest Service Geospatial Technology and Applications Center (GTAC), will produce the final RAVG products for qualified fires (1,000 acres of forested National Forest System (NFS) lands) are made available within approximately 45 days after fire containment, provided that suitable imagery is available. For more information on the RAVG program see <https://fsapps.nwgc.gov/ravg/>