

Oak - Pine Forest (OPF)



The Oak Pine Forest map class (OPF) is a broad map class characterized by forest stands dominated by white pine and red oak, or by a forest consisting of a mix of white pine, red spruce, red oak, and early successional tree species. OPF generally has a relative cover >25% of both white pine and red oak or successional deciduous species.

OPF has two primary signatures. In some of the polygons, especially in the burned area of MDI where the trees are relatively young, OPF appears as a mosaic pattern of oak and pine. In the non-burned areas of MDI, the pines and oaks tend to be mature forests and are more evenly mixed. Oak trees were just beginning to leaf out at the time of photography, and much of the tan, grassy understory is visible.

OPF was typically mapped at low to mid elevations and slopes. This map class grades into ROW, and MW (where oak and pine co-dominate) when occurring on bedrock. It also grades into SFM where pine becomes less common.

The OPF map class represents five NVCS associations: [Successional Oak - Pine Forest](#) (which occurs in the burned area of MDI), [White Pine - Oak Forest](#), [Sugar Maple - White Pine Forest](#), [Central Appalachian High-Elevation Red Oak Woodland](#), [Northern Variant](#), and the [White Pine - Red Oak Bedrock Glade](#).

Polygons: 48, Hectares: 497, Average size (h): 10

Accuracy Assessment Results

Producers' accuracy: 70 (Confidence interval 52 - 88%)

Users' accuracy: 89% (Confidence interval 74% - 104%)

Errors in **producers' accuracy** were associated with the following map classes: Aspen - Birch Woodland/Forest Complex (forest phase, ABF, 4 errors), White Pine - Hardwood Forest (WPM, 1 error), and the Mixed Conifer - Deciduous Woodland (MW, 2 errors). Errors in **users' accuracy** were associated with Mixed Conifer Woodland (MCW, 1 error) and the Aspen - Birch Woodland/Forest Complex (woodland phase, ABW, 1 error).

Special Notes:

OPF is a broad class that includes several related associations. These associations have signatures on the aerial photos that often overlap in appearance with each other, especially in transitional areas.