

## Spruce - Fir Forest (mixed phase, SFM)



The Spruce - Fir Forest (mixed phase) map class (SFM) is characterized by a red spruce dominated forest in which the canopy is >25% deciduous. Red maple is usually the dominant deciduous tree, and red oak, bigtooth aspen, or paper birch are often present. Varying proportions of balsam fir and other conifers are also associates. The canopy cover ranges from closed to sometimes patchy in areas with blowdown openings.

SFM has a dark to medium red conifer signature, mixed with the lighter tones of deciduous species. The texture varies from somewhat fine in areas of continuous cover to a choppy, more open cover in patchy areas.

SFM was mapped at various landscape positions, aspects, and all elevations, although less frequent at the highest elevations. SFM grades into SF, the conifer phase. It also grades into WPC when white pine reaches about 25% relative cover.

The SFM map class represents two NVCS associations: [Successional Spruce - Fir Forest](#) and [Red Spruce Hardwood Forest](#).

Polygons: 686, Hectares: 8371, Average size (h): 12

### **Accuracy Assessment Results**

SFM was assessed with SF (conifer phase) for accuracy assessment. From a mapping perspective, SFM and SF are clearly expressed as separate types in some instances, but also grade into one another to such an extent that we allowed inclusions of either one in the other.

**Producers' accuracy: 71%** (Confidence interval 61% - 81%)

**Users' accuracy: 73%** (Confidence interval 63% - 83%)

See Spruce - Fir Forest (conifer phase) map class (SF) for details.