

Regional Silviculture New England

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SFASU

Area

- ✓ Forest Cover 51 million Acres
- ✓ 72% of land area
- ✓ Maine 90%, New Hampshire 87%, Vermont 77%, others 60%

Ownership

- ✓ 93% Private—industrial to small private
- ✓ Industry (pulp/paper and sawmills)
- ✓ 7% public (2 National Forests, some state)

Forest Inventory

- ✓ Equal growing stock volumes of softwood and hardwood species
- ✓ Softwood: Red Spruce, Balsam Fir big 2
- ✓ Forests underutilized with PAI above harvests
- ✓ Maine exception-stable with mortality caused by spruce budworm
- ✓ Volumes increasing via growth, not silviculture

Physical Environment

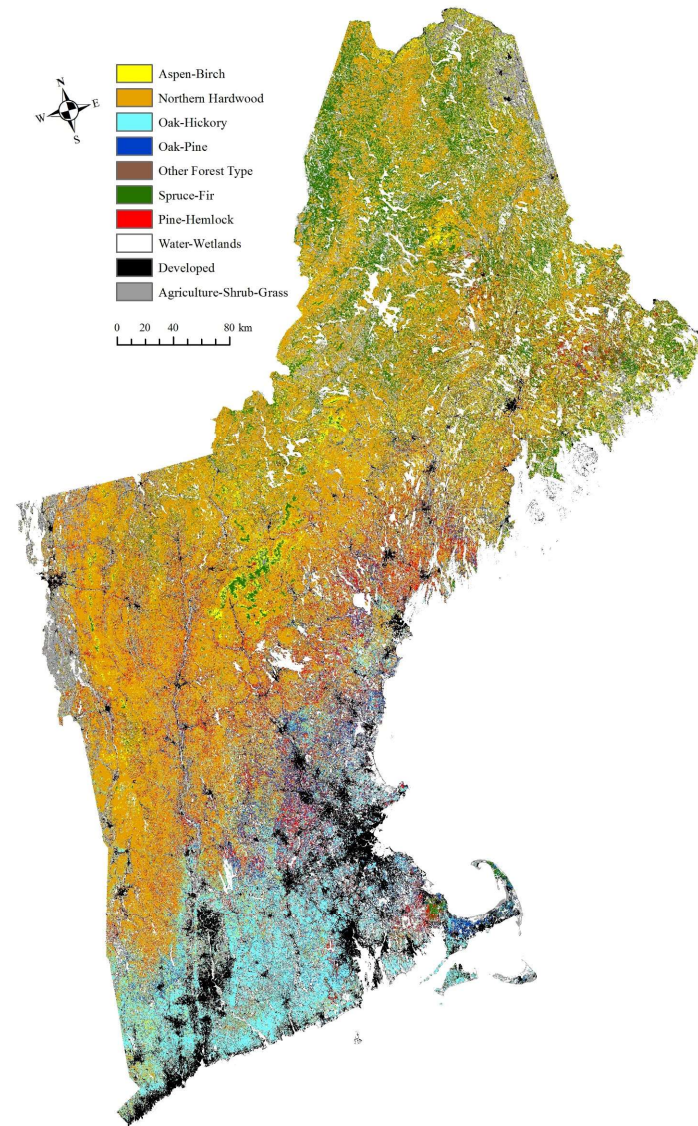
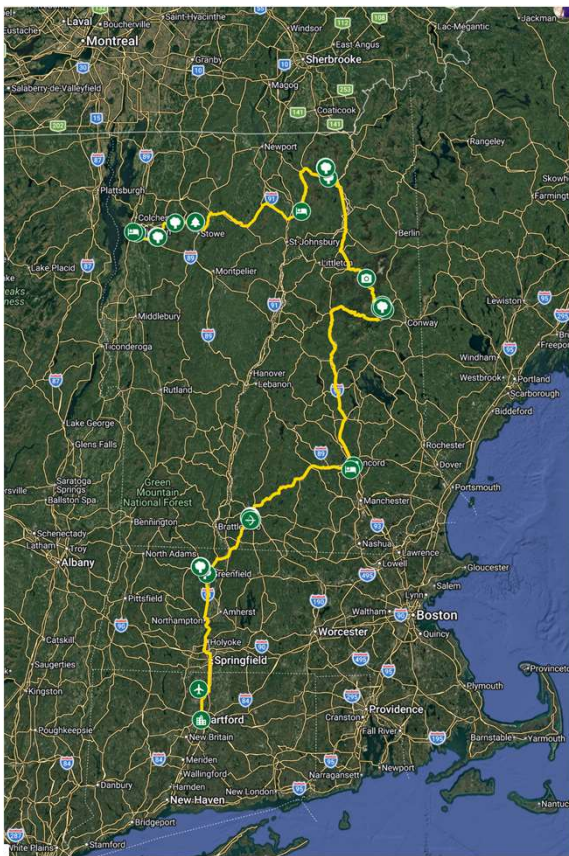
✓ Physiography:

- Basic plain broken by Mountains with valleys
- River Valleys developed into agriculture, only small woodlots available in these areas

✓ Geology and Soils:

- Old region geologically
- Mountains are granitic igneous and metamorphic bedrock
- Glaciers have been major force
- Spodosols and Alfisols

6 New England States



Vermont – Jericho Research Forest (UVM)





Sugarbush



Group Selection near Stowe, VT





“The Northeast Kingdom”



Balsam Fir





Silviculture & Snow!





Bartlett EF in New Hampshire



Patch Selection



Fire



Yale-Myers Forest in Connecticut



Beech & White Pine



Private Land in Massachusetts







