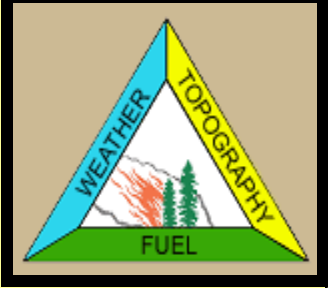




TOPIC 48A
FBP FUEL TYPES – M-1



M-1 Boreal Mixedwood – Leafless

Major Features of the FBP System Fuel Types

Type	Stand Structure and Composition	Forest Floor	Organic Layer	Surface Fuels			Ladder Fuels
				Herbs and Shrubs	Understory Conifer	Dead and Down Fuels	
M-1	Moderately well-stocked stands of boreal coniferous (e.g. black or white spruce, balsam or subalpine fir) and deciduous (e.g. aspen, white birch) species. Variation in fuel type occurs by season (leafless = M-1 and green = M-2) and % coniferous/deciduous composition	Continuous leaf litter in deciduous portions of stands. Discontinuous feather moss and needle litter in coniferous portions.	Shallow (0-5 cm). Uncompacted to moderately compacted.	Moderate shrub and continuous herb layer.	Scattered to moderate	Low to moderate	Conifer crowns may extend to near the ground in some stands.





TOPIC 48B
FBP FUEL TYPES – M-2



M-2 Boreal Mixedwood – Green

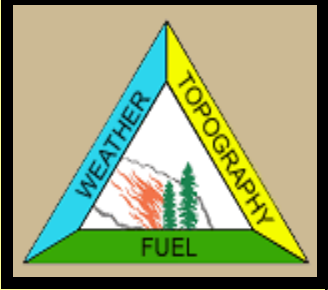
Major Features of the FBP System Fuel Types

Type	Stand Structure and Composition	Forest Floor	Organic Layer	Surface Fuels			Ladder Fuels
				Herbs and Shrubs	Understory Conifer	Dead and Down Fuels	
M-2	Moderately well-stocked stands of boreal coniferous (e.g. black or white spruce, balsam or subalpine fir) and deciduous (e.g. aspen, white birch) species. Variation in fuel type occurs by season (leafless = M-1 and green = M-2) and % coniferous/deciduous composition	Continuous leaf litter in deciduous portions of stands. Discontinuous feather moss and needle litter in coniferous portions.	Shallow (0-5 cm). Uncompacted to moderately compacted.	Moderate shrub and continuous herb layer.	Scattered to moderate	Low to moderate	Conifer crowns may extend to near the ground in some stands.





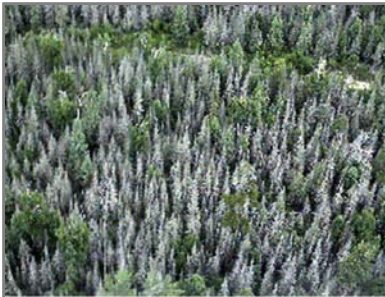
TOPIC 48C
FBP FUEL
TYPES – M-3



M-3 Dead Balsam Fir/Mixedwood – Leafless

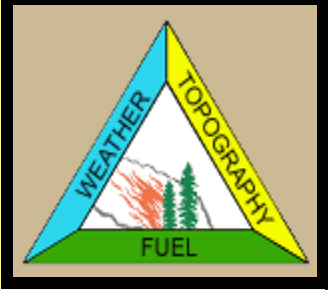
Major Features of the FBP System Fuel Types

Type	Stand Structure and Composition	Forest Floor	Organic Layer	Surface Fuels			Ladder Fuels
				Herbs and Shrubs	Understory Conifer	Dead and Down Fuels	
M-3	Moderately well-stocked stands of black and white spruce, jack pine or white birch with dead balsam fir (often as an under-story). Fuel type varies by season (leafless = M-3 and green = M-4). Note that this fuel type is the Great Lakes and boreal forests and is not to be confused with the pure balsam fire stands typical of Nova Scotia and New Brunswick.	Continuous leaf litter in deciduous portions of stands. Discontinuous feather moss, needle litter and hardwood leaves in mixed portions.	Moderately compact and moderately deep (8-10 cm).	Dense, continuous herbaceous cover after green-up occurs.	Dead balsam fir.	Initially low, becoming heavy 5-8 years after balsam fir mortality occurs.	Dead balsam fire Understory with arboreal lichen covered branches.





TOPIC 48D
FBP FUEL
TYPES – M-4



M-4 Dead Balsam Fir/Mixedwood – Green

Major Features of the FBP System Fuel Types

Type	Stand Structure and Composition	Forest Floor	Organic Layer	Surface Fuels			Ladder Fuels
				Herbs and Shrubs	Understory Conifer	Dead and Down Fuels	
M-4	Moderately well-stocked stands of black and white spruce, jack pine or white birch with dead balsam fir (often as an under-story). Fuel type varies by season (leafless = M-3 and green = M-4). Note that this fuel type is the Great Lakes and boreal forests and is not to be confused with the pure balsam fire stands typical of Nova Scotia and New Brunswick.	Continuous leaf litter in deciduous portions of stands. Discontinuous feather moss, needle litter and hardwood leaves in mixed portions.	Moderately compact and moderately deep (8-10 cm).	Dense, continuous herbaceous cover after green-up occurs.	Dead balsam fir.	Initially low, becoming heavy 5-8 years after balsam fir mortality occurs.	Dead balsam fire Understory with arboreal lichen covered branches.

