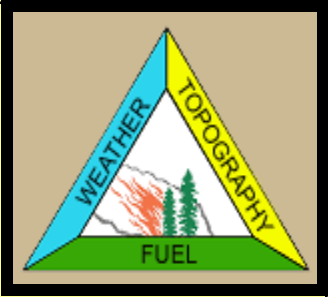
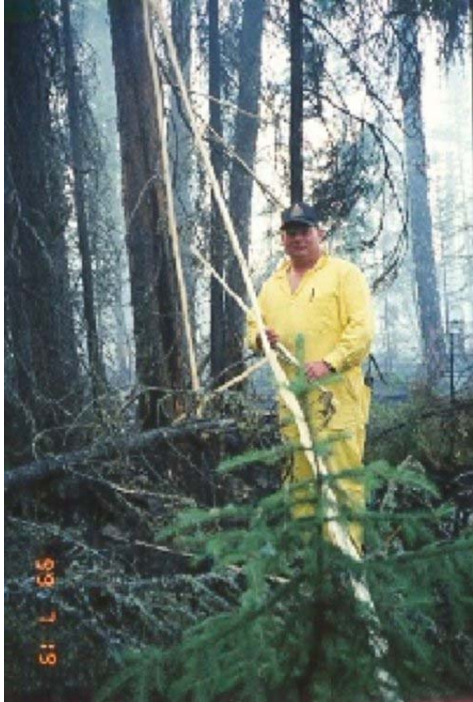




TOPIC 37
FUEL LOADING/FUEL VOLUME & COMPACTNESS



FUEL VOLUME: as the amount of flammable material in a given area increases, the amount of heat produced by a fire also increases. When evaluating fuel volume both small and large size fuel components should be observed. Where both light and heavy fuels exist, the light fuels will act as kindling for the heavy fuels.



FUEL COMPACTNESS – Fire burns rapidly in loosely compacted fuel particles are freely exposed to air where as compacted fuels such as piled logging debris and duff burn slower because of lack of space for oxygen between fuel particles.

