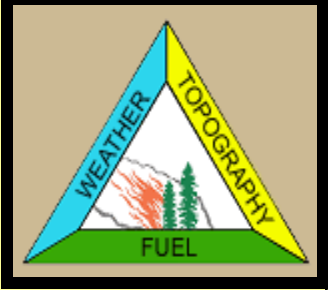


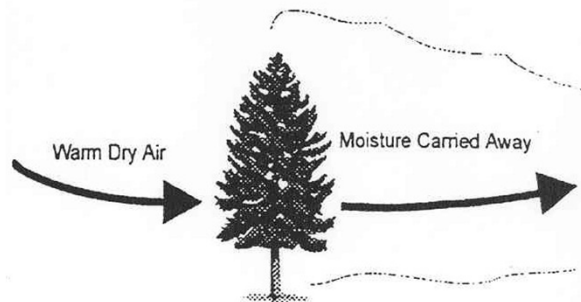
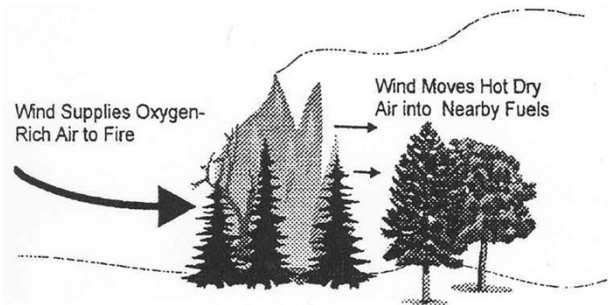


**TOPIC 56**  
**WIND EFFECTS**



**WIND** is important to fireline strategy and potential behaviour for the following reasons:

- ✓ Contributes to drying of fuels
- ✓ Determines forward spread rates of fires and fire shape
- ✓ Wind shifts can create situations that threaten safety of fireline personnel and can cause problems relating to strategy and logistics
- ✓ Wind may contribute to spotting
- ✓ Blowing down trees



**RULE OF THUMB**

When the wind speed doubles, the forward rate of spread more than doubles.  
*Forward spread rates for a given wind speed vary with fuel types.*