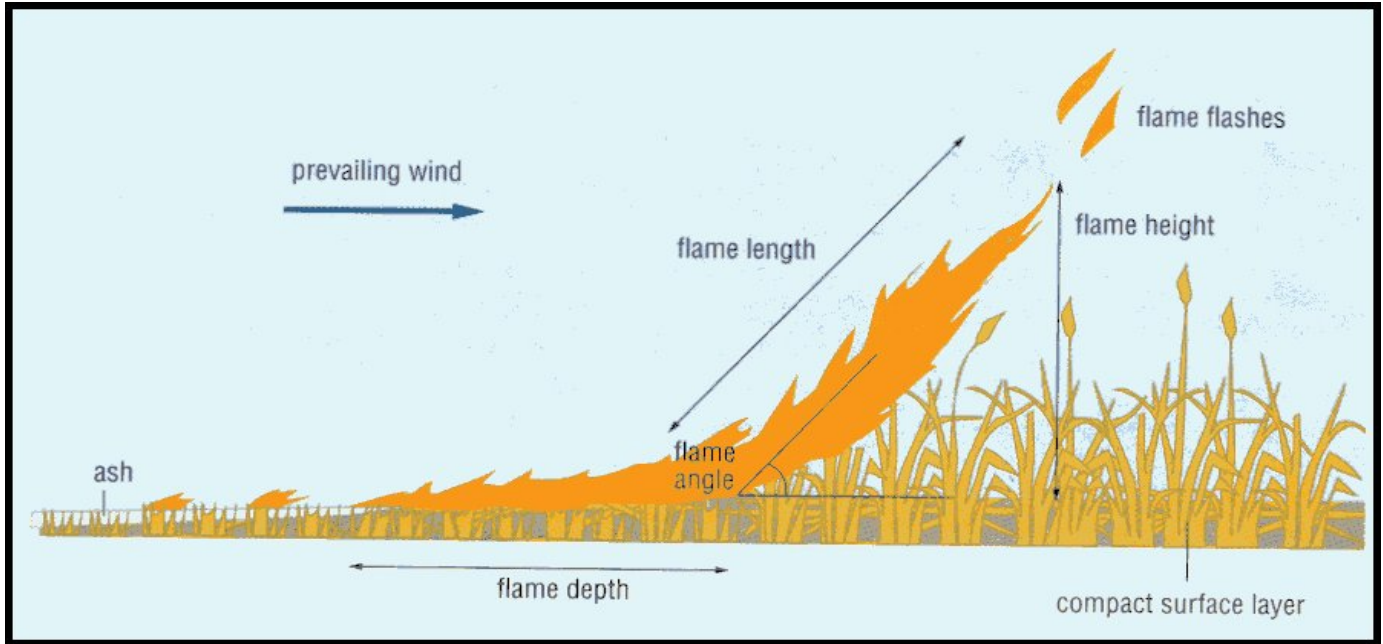
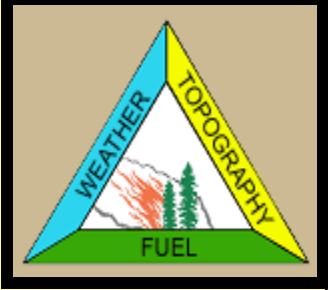


**FIRE
BEHAVIOUR**

**TOPIC 18
FLAME LENGTH**



FLAME LENGTH
is the visual indicator to determine fire
INTENSITY

- ✓ **INTENSITY** is the linear measurement of how much heat is generated on 1 metre line of flame
- ✓ **INTENSITY** is measured in kW/m*
- ✓ **INTENSITY** (I) = 300 (heat constant) X Length² (L²)
- ✓ ***4000 kW/m** (3.7m flame length) is the threshold limit for Initial Attack
- ✓ ***10000 kW/m** is the threshold limit for air attack