

FIRE SUPPRESSION INTERPRETATIONS OF FIRELINE INTENSITY AND FLAME LENGTH CHART

Fireline Intensity (BTU/Second Foot)	Flame Lengths (Feet)	Fire Suppression Interpretations
<100	<4	Fires can generally be attacked at the head or flanks by persons using hand tools. Handline should hold the fire.
100 - 500	4 - 8	Fires are too intense for direct attack on the head by persons using hand tools. Handline can not be relied on to hold fire. Equipment such as dozers, pumpers, and retardant aircraft can be effective. Fires are potentially dangerous to personnel and equipment.
500 - 1000	8 - 11	Fires may present serious control problems, i.e., torching, crowning, and spotting. Control efforts at the head will probably be ineffective.
>1000	>11	Crowning, spotting, and major fire runs are probable. Control efforts at head of fire are ineffective.