

**TABLE 6C: FLAME LENGTH AND FIRELINE INTENSITY RELATIONSHIP TO EACH OTHER.**

Fireline Intensity (BTUs/FT/S)	Flame Length (Feet)	Fireline Intensity (BTUs/FT/S)	Flame Length (Feet)
10	1	1,500	13
30	2	2,050	15
60	3	2,700	17
100	4	3,400	19
200	5	4,200	21
300	6	5,200	23
400	7	6,200	25
500	8	7,350	27
700	9	9,225	30
850	10	12,900	35
1,000	11	17,250	40
1,250	12	28,000	50

**TABLE 6D: PROBABILITY OF IGNITION (PERCENT)**

	DRY BULB TEMP. F	Fine Dead Fuel Moisture (Percent)															
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Less Than 50% Shading	110+	100	100	80	70	60	60	50	40	40	30	30	20	20	20	20	10
	100-109	100	90	80	70	60	50	50	40	40	30	30	20	20	20	10	10
	90-99	100	90	80	70	60	50	50	40	40	30	30	30	20	20	10	10
	80-89	100	90	80	70	60	50	50	40	40	30	30	20	20	20	10	10
	70-79	100	80	70	60	50	50	40	40	30	30	30	20	20	20	10	10
	60-69	90	80	70	60	50	50	40	30	30	20	20	20	20	10	10	10
	50-59	90	80	70	60	50	40	40	30	30	20	20	20	20	10	10	10
	40-49	90	80	70	60	50	40	40	30	30	20	20	20	20	10	10	10
	30-39	80	70	60	50	50	40	30	30	20	20	20	10	10	10	10	10
	More Than 50% Shading	110+	100	90	80	70	60	50	50	40	40	30	30	20	20	20	10
100-109		100	90	80	70	60	50	50	40	30	30	30	20	20	20	10	10
90-99		100	90	80	70	60	50	50	40	40	30	30	20	20	20	10	10
80-89		100	80	70	60	60	50	40	40	30	30	30	20	20	20	10	10
70-79		90	80	70	60	50	50	40	30	30	30	20	20	20	20	10	10
60-69		90	80	70	60	50	40	40	30	30	20	20	20	20	10	10	10
50-59		90	80	70	60	50	40	40	30	30	20	20	20	20	10	10	10
40-49		90	70	60	50	50	40	30	30	30	20	20	20	20	10	10	10
30-39		80	70	60	50	50	40	30	30	20	20	20	10	10	10	10	10