

TABLE 5A: SLOPE CONVERSION FROM TOPOGRAPHIC MAPS

Map Scale Inches/Mile	Contour Interval			
	20 Ft.	40 Ft.	80 Ft.	100 Ft.
Slope Conversion Factor				
1		0.8	1.5	1.9
2	0.8	1.5	3.0	3.8
2.63	1.0	2.0	4.0	5.0
4	1.5	3.0	6.0	7.6
8	3.0	6.0	12.0	15.0

Slope percent = number of contours/inch X slope conversion factor

Example: Map scale = 2.63 inches per mile
 Contour interval = 40 feet
 Number of contours per inch = 15

Slope percent = 15 X 2.0 = 30%

TABLE 5B: CORRECTION FACTORS FOR SLOPE

Slope Percent	Fuel Models												
	1	2	3	4	5	6	7	8	9	10	11	12	13
Slope Factors													
5	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0
10	.4	.3	.4	.3	.3	.3	.3	.1	.2	.2	.2	.2	.2
15	.9	.6	.8	.6	.7	.7	.7	.3	.4	.4	.4	.4	.4
20	1.6	1.0	1.4	1.1	1.3	1.2	1.2	.6	.6	.7	.7	.7	.6
25	2.6	1.6	2.2	1.8	2.0	1.8	1.9	.9	1.0	1.1	1.1	1.0	1.0
30	3.7	2.2	3.2	2.5	2.9	2.6	2.8	1.3	1.4	1.6	1.6	1.5	1.4
35	5.1	3.0	4.4	3.4	3.9	3.5	3.8	1.8	2.0	2.2	2.2	2.1	1.9
40	6.6	4.0	5.7	4.5	5.1	4.6	4.9	2.3	2.6	2.9	2.9	2.7	2.5
45	8.3	5.0	7.2	5.7	6.4	5.6	6.2	2.9	3.2	3.6	3.7	3.4	3.1
50	10	6.2	8.9	7.0	8.0	7.2	7.7	3.6	4.0	4.5	4.5	4.2	3.9
55	12	7.5	11	8.5	9.6	8.7	9.3	4.3	4.8	5.4	5.5	5.1	4.7
60	15	8.9	13	10	11	10	11	5.2	5.8	6.4	6.5	6.0	5.6
65	17	11	15	12	13	12	13	6.0	6.8	7.5	7.7	7.1	6.6
70	20	12	17	14	16	14	15	7.0	7.8	8.7	8.9	8.2	7.6
75	23	14	20	16	18	16	17	8.0	9.0	10	10	9.4	8.7
80	26	16	23	17	20	19	20	9.2	10	11	12	11	9.9
85	30	18	26	20	23	21	22	10	12	13	13	12	11
90	33	20	29	23	26	23	25	12	13	14	15	14	13
95	37	22	32	25	29	26	28	13	14	16	16	15	14
100	41	25	36	28	32	29	31	14	16	18	18	17	16