C = 60
I = 38
K = .5

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	11.4	11.0	10.6	10.2	9.8	9.2	8.6	8.0	7.5	6.8	6.3	5.8	5.4	4.8	4.2
8000	11.3	10.9	10.5	10.2	9.8	9.2	8.6	8.0	7.4	6.7	6.3	5.8	5.3	4.7	4.2
6000	10.6	10.2	9.8	9.5	9.1	8.5	8.0	7.4	6.9	6.2	5.8	5.4	4.9	4.4	3.8
4000	9.7	9.4	9.1	8.7	8.4	7.8	7.3	6.8	6.3	5.7	5.3	4.9	4.5	4.0	3.5
3500	9.2	8.9	8.5	8.2	7.9	7.4	6.9	6.4	5.9	5.3	5.0	4.6	4.2	3.7	3.2
3000	8.7	8.3	8.0	7.7	7.4	6.9	6.5	6.0	5.5	5.0	4.6	4.3	3.9	3.4	3.0
2800	8.4	8.1	7.8	7.5	7.2	6.7	6.3	5.8	5.4	4.8	4.5	4.1	3.8	3.3	2.9
2600	8.2	7.9	7.6	7.3	7.0	6.5	6.1	5.6	5.2	4.7	4.4	4.0	3.7	3.2	2.8
2400	7.9	7.6	7.4	7.1	6.8	6.3	5.9	5.5	5.0	4.5	4.2	3.9	3.5	3.1	2.7
2200	7.7	7.4	7.1	6.9	6.6	6.2	5.7	5.3	4.9	4.4	4.1	3.7	3.4	3.0	2.6
2000	7.5	7.2	6.9	6.6	6.4	6.0	5.5	5.1	4.7	4.2	3.9	3.6	3.3	2.9	2.5
1800	6.7	6.5	6.2	6.0	5.7	5.4	5.0	4.6	4.2	3.8	3.5	3.2	2.9	2.6	2.2
1600	6.0	5.8	5.6	5.3	5.1	4.8	4.4	4.1	3.7	3.4	3.1	2.8	2.6	2.2	1.9
1500	5.7	5.4	5.2	5.0	4.8	4.5	4.1	3.8	3.5	3.1	2.9	2.6	2.4	2.1	1.8
1400	5.3	5.1	4.9	4.7	4.5	4.2	3.9	3.6	3.3	2.9	2.7	2.5	2.2	1.9	1.6
1300	5.0	4.8	4.6	4.4	4.2	3.9	3.6	3.3	3.0	2.7	2.5	2.3	2.1	1.8	1.5
1200	4.8	4.6	4.4	4.3	4.1	3.8	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.7	1.5
1100	4.7	4.5	4.3	4.1	3.9	3.7	3.4	3.1	2.8	2.5	2.3	2.1	1.9	1.7	1.4
1000	4.5	4.3	4.2	4.0	3.8	3.5	3.3	3.0	2.7	2.4	2.2	2.0	1.8	1.6	1.3
900	4.2	4.1	3.9	3.7	3.6	3.3	3.1	2.8	2.6	2.3	2.1	1.9	1.7	1.5	1.2
800	4.0	3.8	3.7	3.5	3.3	3.1	2.9	2.6	2.4	2.1	1.9	1.8	1.6	1.4	1.2
700	3.5	3.4	3.3	3.1	3.0	2.8	2.5	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0
600	3.1	3.0	2.9	2.7	2.6	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.9
500	2.5	2.4	2.3	2.2	2.1	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.6
450	2.1	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.5
400	1.9	1.8	1.8	1.7	1.6	1.5	1.3	1.2	1.1	0.9	0.8	0.6	0.5	0.3	0.1
350	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1	0.9	0.8	0.7	0.6	0.4	0.3	0.1
300	1.4	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.2	0.1
250	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
200	0.8	0.7	0.7	0.6	0.6	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
150	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 38
K = .5

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	3.7	3.3	2.3	1.6	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8000	3.7	3.3	2.3	1.6	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6000	3.4	3.0	2.1	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4000	3.1	2.7	1.9	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3500	2.9	2.5	1.7	1.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	2.7	2.3	1.6	1.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2800	2.6	2.3	1.5	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2600	2.5	2.2	1.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2400	2.4	2.1	1.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	2.3	2.0	1.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	2.2	1.9	1.3	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	1.9	1.7	1.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	1.7	1.5	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	1.6	1.4	0.9	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	1.4	1.3	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	1.3	1.2	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	1.3	1.1	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	1.2	1.1	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	1.1	0.9	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	0.8	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	0.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 38
K = .6

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	13.7	13.2	12.8	12.3	11.8	11.2	10.5	9.8	9.1	8.3	7.7	7.2	6.6	5.9	5.2
8000	13.7	13.2	12.8	12.3	11.8	11.2	10.5	9.8	9.1	8.3	7.7	7.2	6.6	5.9	5.2
6000	13.0	12.6	12.1	11.7	11.3	10.6	9.9	9.3	8.6	7.8	7.3	6.8	6.3	5.6	4.9
4000	12.2	11.7	11.3	10.9	10.5	9.9	9.2	8.6	8.0	7.3	6.8	6.3	5.8	5.2	4.5
3500	11.6	11.2	10.8	10.4	10.0	9.4	8.8	8.2	7.6	6.9	6.4	5.9	5.5	4.9	4.3
3000	11.0	10.6	10.2	9.8	9.4	8.9	8.3	7.7	7.1	6.5	6.0	5.6	5.1	4.6	4.0
2800	10.7	10.4	10.0	9.6	9.2	8.7	8.1	7.6	7.0	6.3	5.9	5.5	5.0	4.5	3.9
2600	10.5	10.2	9.8	9.4	9.1	8.5	7.9	7.4	6.8	6.2	5.8	5.3	4.9	4.4	3.8
2400	10.3	10.0	9.6	9.2	8.9	8.3	7.8	7.2	6.7	6.1	5.6	5.2	4.8	4.2	3.7
2200	10.1	9.7	9.4	9.0	8.7	8.1	7.6	7.1	6.5	5.9	5.5	5.1	4.7	4.1	3.6
2000	9.9	9.5	9.2	8.9	8.5	8.0	7.4	6.9	6.4	5.8	5.4	5.0	4.6	4.0	3.5
1800	9.2	8.9	8.6	8.3	7.9	7.4	6.9	6.4	5.9	5.4	5.0	4.6	4.2	3.7	3.2
1600	8.6	8.3	8.0	7.7	7.4	6.9	6.4	6.0	5.5	5.0	4.6	4.2	3.9	3.4	3.0
1500	8.3	8.0	7.7	7.4	7.1	6.6	6.2	5.7	5.3	4.8	4.4	4.1	3.7	3.3	2.8
1400	7.9	7.6	7.4	7.1	6.8	6.3	5.9	5.5	5.0	4.5	4.2	3.9	3.5	3.1	2.7
1300	7.6	7.3	7.1	6.8	6.5	6.1	5.7	5.2	4.8	4.3	4.0	3.7	3.4	3.0	2.6
1200	7.3	7.0	6.7	6.5	6.2	5.8	5.4	5.0	4.6	4.1	3.8	3.5	3.2	2.8	2.4
1100	7.0	6.7	6.4	6.2	5.9	5.5	5.1	4.8	4.4	3.9	3.6	3.3	3.0	2.7	2.3
1000	6.6	6.4	6.1	5.9	5.6	5.3	4.9	4.5	4.1	3.7	3.4	3.2	2.9	2.5	2.2
900	6.0	5.8	5.6	5.4	5.1	4.8	4.4	4.1	3.8	3.4	3.1	2.8	2.6	2.3	1.9
800	5.5	5.2	5.0	4.8	4.6	4.3	4.0	3.7	3.4	3.0	2.8	2.5	2.3	2.0	1.7
700	4.8	4.6	4.4	4.2	4.0	3.7	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.7	1.4
600	4.3	4.1	4.0	3.8	3.6	3.4	3.1	2.9	2.6	2.3	2.1	1.9	1.8	1.5	1.3
500	3.8	3.6	3.5	3.3	3.2	2.9	2.7	2.5	2.2	2.0	1.8	1.7	1.5	1.3	1.1
450	3.5	3.3	3.2	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.7	1.5	1.4	1.2	1.0
400	3.2	3.1	3.0	2.8	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.4	1.3	1.1	0.9
350	2.7	2.6	2.5	2.3	2.2	2.1	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.7
300	2.1	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.5
250	1.7	1.6	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8	0.7	0.6	0.4	0.3	0.1
200	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.8	0.6	0.5	0.5	0.4	0.2	0.1
150	0.9	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
100	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 38
K = .6

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	4.7	4.2	2.9	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8000	4.7	4.2	2.9	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6000	4.4	3.9	2.7	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4000	4.1	3.6	2.5	1.7	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3500	3.8	3.4	2.3	1.6	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	3.6	3.1	2.2	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2800	3.5	3.1	2.1	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2600	3.4	3.0	2.1	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2400	3.3	2.9	2.0	1.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	3.2	2.8	1.9	1.3	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	3.1	2.8	1.9	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	2.9	2.5	1.7	1.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	2.6	2.3	1.6	1.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	2.5	2.2	1.5	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	2.4	2.1	1.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	2.3	2.0	1.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	2.1	1.9	1.3	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	2.0	1.8	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	1.9	1.7	1.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	1.7	1.5	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	1.5	1.3	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	1.3	1.1	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	1.1	1.0	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	0.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	0.8	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.7	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 38
K = .7

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	16.0	15.4	14.9	14.4	13.9	13.1	12.3	11.5	10.7	9.8	9.2	8.6	7.9	7.1	6.3
8000	16.0	15.4	14.9	14.4	13.9	13.1	12.3	11.5	10.7	9.8	9.2	8.6	7.9	7.1	6.3
6000	15.2	14.7	14.2	13.7	13.2	12.4	11.7	10.9	10.2	9.3	8.7	8.1	7.5	6.7	6.0
4000	14.2	13.7	13.3	12.8	12.3	11.6	10.9	10.2	9.5	8.6	8.1	7.5	6.9	6.2	5.5
3500	13.7	13.2	12.8	12.3	11.9	11.2	10.5	9.8	9.1	8.3	7.7	7.2	6.6	5.9	5.2
3000	13.2	12.7	12.3	11.9	11.4	10.7	10.1	9.4	8.7	8.0	7.4	6.9	6.4	5.7	5.0
2800	13.0	12.5	12.1	11.6	11.2	10.5	9.9	9.2	8.6	7.8	7.3	6.8	6.2	5.6	4.9
2600	12.7	12.3	11.9	11.4	11.0	10.3	9.7	9.0	8.4	7.7	7.1	6.6	6.1	5.4	4.8
2400	12.5	12.1	11.6	11.2	10.8	10.2	9.5	8.9	8.2	7.5	7.0	6.5	6.0	5.3	4.7
2200	12.3	11.8	11.4	11.0	10.6	10.0	9.3	8.7	8.1	7.3	6.8	6.3	5.8	5.2	4.6
2000	12.0	11.6	11.2	10.8	10.4	9.8	9.1	8.5	7.9	7.2	6.7	6.2	5.7	5.1	4.5
1800	11.4	11.0	10.7	10.3	9.9	9.3	8.7	8.1	7.5	6.8	6.3	5.9	5.4	4.8	4.2
1600	10.9	10.5	10.1	9.7	9.3	8.8	8.2	7.6	7.1	6.4	6.0	5.5	5.1	4.5	3.9
1500	10.6	10.2	9.8	9.5	9.1	8.5	8.0	7.4	6.9	6.2	5.8	5.4	4.9	4.4	3.8
1400	10.3	9.9	9.5	9.2	8.8	8.3	7.7	7.2	6.7	6.0	5.6	5.2	4.8	4.2	3.7
1300	10.0	9.6	9.3	8.9	8.6	8.0	7.5	7.0	6.4	5.8	5.4	5.0	4.6	4.1	3.6
1200	9.7	9.3	9.0	8.7	8.3	7.8	7.3	6.8	6.2	5.7	5.3	4.9	4.5	3.9	3.4
1100	9.4	9.1	8.7	8.4	8.1	7.6	7.1	6.6	6.1	5.5	5.1	4.7	4.3	3.8	3.3
1000	9.1	8.8	8.5	8.1	7.8	7.3	6.8	6.3	5.9	5.3	4.9	4.5	4.2	3.7	3.2
900	8.5	8.2	7.9	7.6	7.3	6.8	6.4	5.9	5.4	4.9	4.6	4.2	3.8	3.4	2.9
800	7.9	7.7	7.4	7.1	6.8	6.4	5.9	5.5	5.0	4.6	4.2	3.9	3.5	3.1	2.7
700	6.9	6.7	6.4	6.2	5.9	5.5	5.1	4.7	4.4	3.9	3.6	3.3	3.0	2.7	2.3
600	5.9	5.7	5.5	5.3	5.0	4.7	4.4	4.0	3.7	3.3	3.0	2.8	2.5	2.2	1.9
500	4.9	4.7	4.5	4.4	4.2	3.9	3.6	3.3	3.0	2.7	2.5	2.3	2.0	1.8	1.5
450	4.7	4.5	4.3	4.1	4.0	3.7	3.4	3.1	2.8	2.5	2.3	2.1	1.9	1.7	1.4
400	4.4	4.3	4.1	3.9	3.7	3.5	3.2	3.0	2.7	2.4	2.2	2.0	1.8	1.6	1.3
350	3.9	3.8	3.6	3.5	3.3	3.1	2.8	2.6	2.4	2.1	1.9	1.8	1.6	1.4	1.1
300	3.4	3.3	3.2	3.0	2.9	2.7	2.5	2.3	2.0	1.8	1.7	1.5	1.4	1.2	1.0
250	2.8	2.7	2.5	2.4	2.3	2.1	2.0	1.8	1.6	1.4	1.3	1.2	1.1	0.9	0.7
200	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0	0.9	0.8	0.6	0.5
150	1.5	1.4	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.1
100	1.0	0.9	0.8	0.7	0.7	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 38
K = .7

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	5.7	5.1	3.6	2.6	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8000	5.7	5.1	3.6	2.6	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6000	5.3	4.8	3.4	2.4	1.5	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4000	4.9	4.4	3.1	2.2	1.4	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3500	4.7	4.2	2.9	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	4.5	4.0	2.8	2.0	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2800	4.4	3.9	2.7	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2600	4.3	3.8	2.7	1.9	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2400	4.2	3.7	2.6	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	4.1	3.6	2.5	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	4.0	3.5	2.5	1.7	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	3.8	3.3	2.3	1.6	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	3.5	3.1	2.1	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	3.4	3.0	2.1	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	3.3	2.9	2.0	1.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	3.2	2.8	1.9	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	3.1	2.7	1.8	1.3	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	2.9	2.6	1.8	1.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	2.8	2.5	1.7	1.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	2.6	2.3	1.6	1.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	2.4	2.1	1.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	2.0	1.8	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	1.7	1.4	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	1.3	1.1	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	1.2	1.1	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	1.2	1.0	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	0.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.8	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 38
K = .8

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	18.2	17.7	17.1	16.5	15.9	15.0	14.2	13.3	12.4	11.4	10.7	10.0	9.3	8.3	7.4
8000	18.2	17.7	17.1	16.5	15.9	15.0	14.2	13.3	12.4	11.4	10.7	10.0	9.3	8.3	7.4
6000	17.7	17.1	16.6	16.0	15.4	14.6	13.7	12.8	12.0	11.0	10.3	9.6	8.9	8.1	7.2
4000	16.3	15.7	15.2	14.7	14.1	13.3	12.5	11.7	10.9	10.0	9.4	8.7	8.1	7.3	6.5
3500	15.8	15.3	14.8	14.3	13.8	13.0	12.2	11.4	10.6	9.7	9.1	8.5	7.9	7.1	6.3
3000	15.4	14.9	14.4	13.9	13.4	12.6	11.8	11.1	10.3	9.4	8.8	8.2	7.6	6.8	6.1
2800	15.0	14.5	14.0	13.5	13.0	12.3	11.5	10.8	10.0	9.2	8.6	8.0	7.4	6.6	5.9
2600	14.7	14.3	13.8	13.3	12.8	12.1	11.3	10.6	9.8	9.0	8.4	7.8	7.2	6.5	5.7
2400	14.5	14.0	13.5	13.0	12.6	11.8	11.1	10.4	9.6	8.8	8.2	7.7	7.1	6.3	5.6
2200	14.2	13.7	13.3	12.8	12.3	11.6	10.9	10.2	9.5	8.6	8.1	7.5	6.9	6.2	5.5
2000	13.9	13.5	13.0	12.5	12.1	11.4	10.7	10.0	9.3	8.5	7.9	7.3	6.8	6.1	5.4
1800	13.4	12.9	12.5	12.0	11.6	10.9	10.2	9.5	8.9	8.1	7.6	7.0	6.5	5.8	5.1
1600	12.8	12.4	12.0	11.5	11.1	10.4	9.8	9.1	8.5	7.7	7.2	6.7	6.2	5.5	4.8
1500	12.6	12.1	11.7	11.3	10.9	10.2	9.6	8.9	8.3	7.6	7.0	6.5	6.0	5.4	4.7
1400	12.3	11.9	11.5	11.0	10.6	10.0	9.4	8.7	8.1	7.4	6.9	6.4	5.9	5.2	4.6
1300	12.0	11.6	11.2	10.8	10.4	9.8	9.1	8.5	7.9	7.2	6.7	6.2	5.7	5.1	4.5
1200	11.8	11.3	10.9	10.5	10.1	9.5	8.9	8.3	7.7	7.0	6.5	6.0	5.6	5.0	4.3
1100	11.5	11.1	10.7	10.3	9.9	9.3	8.7	8.1	7.5	6.8	6.4	5.9	5.4	4.8	4.2
1000	11.2	10.8	10.4	10.0	9.7	9.1	8.5	7.9	7.3	6.7	6.2	5.7	5.3	4.7	4.1
900	10.6	10.2	9.9	9.5	9.1	8.6	8.0	7.5	6.9	6.3	5.8	5.4	4.9	4.4	3.8
800	10.0	9.7	9.3	9.0	8.6	8.1	7.5	7.0	6.5	5.9	5.5	5.0	4.6	4.1	3.6
700	9.1	8.8	8.5	8.2	7.8	7.3	6.9	6.4	5.9	5.3	4.9	4.5	4.2	3.7	3.2
600	8.3	8.0	7.7	7.4	7.1	6.6	6.2	5.7	5.3	4.8	4.4	4.1	3.7	3.3	2.8
500	7.2	6.9	6.6	6.4	6.1	5.7	5.3	4.9	4.5	4.1	3.8	3.5	3.1	2.8	2.4
450	6.6	6.4	6.1	5.9	5.6	5.3	4.9	4.5	4.1	3.7	3.4	3.2	2.9	2.5	2.2
400	6.1	5.8	5.6	5.4	5.2	4.8	4.5	4.1	3.8	3.4	3.1	2.9	2.6	2.3	1.9
350	5.1	4.9	4.7	4.5	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.3	2.1	1.8	1.5
300	4.6	4.4	4.2	4.1	3.9	3.6	3.3	3.1	2.8	2.5	2.3	2.1	1.9	1.6	1.4
250	3.9	3.8	3.6	3.5	3.3	3.1	2.8	2.6	2.4	2.1	1.9	1.7	1.6	1.4	1.1
200	3.3	3.1	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.6	1.4	1.3	1.1	0.9
150	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.5	0.3	0.1
100	1.4	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.2	0.1
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 38
K = .8

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	6.7	6.0	4.3	3.1	2.0	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8000	6.7	6.0	4.3	3.1	2.0	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6000	6.5	5.8	4.1	3.0	1.9	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4000	5.8	5.2	3.7	2.6	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3500	5.6	5.0	3.6	2.5	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	5.4	4.8	3.4	2.4	1.5	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2800	5.3	4.7	3.3	2.3	1.5	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2600	5.1	4.6	3.2	2.3	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2400	5.0	4.5	3.2	2.2	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	4.9	4.4	3.1	2.2	1.4	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	4.8	4.3	3.0	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	4.6	4.1	2.8	2.0	1.2	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	4.3	3.8	2.7	1.9	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	4.2	3.7	2.6	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	4.1	3.6	2.5	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	4.0	3.5	2.5	1.7	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	3.9	3.4	2.4	1.7	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	3.8	3.3	2.3	1.6	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	3.7	3.2	2.2	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	3.4	3.0	2.1	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	3.2	2.8	1.9	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	2.8	2.5	1.7	1.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	2.5	2.2	1.5	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	2.1	1.8	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	1.9	1.7	1.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	1.7	1.5	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	1.4	1.2	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	0.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.7	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 38
K = .9

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	20.5	19.9	19.2	18.6	18.0	17.0	16.0	15.0	14.1	13.0	12.2	11.4	10.6	9.6	8.6
8000	20.5	19.9	19.2	18.6	18.0	17.0	16.0	15.0	14.1	13.0	12.2	11.4	10.6	9.6	8.6
6000	20.0	19.4	18.7	18.1	17.5	16.5	15.6	14.6	13.7	12.6	11.8	11.1	10.3	9.3	8.3
4000	18.4	17.8	17.2	16.6	16.1	15.2	14.3	13.4	12.5	11.5	10.8	10.1	9.3	8.4	7.5
3500	18.0	17.4	16.8	16.2	15.7	14.8	13.9	13.1	12.2	11.2	10.5	9.8	9.1	8.2	7.3
3000	17.5	17.0	16.4	15.8	15.3	14.4	13.6	12.7	11.9	10.9	10.2	9.5	8.8	8.0	7.1
2800	17.2	16.7	16.1	15.6	15.0	14.2	13.3	12.5	11.6	10.7	10.0	9.3	8.7	7.8	6.9
2600	16.9	16.4	15.8	15.3	14.7	13.9	13.1	12.2	11.4	10.5	9.8	9.1	8.5	7.6	6.8
2400	16.6	16.0	15.5	15.0	14.4	13.6	12.8	12.0	11.2	10.2	9.6	8.9	8.3	7.5	6.6
2200	16.3	15.7	15.2	14.7	14.1	13.3	12.5	11.7	10.9	10.0	9.4	8.7	8.1	7.3	6.5
2000	15.9	15.4	14.9	14.4	13.9	13.1	12.3	11.5	10.7	9.8	9.2	8.6	7.9	7.1	6.3
1800	15.1	14.6	14.1	13.6	13.1	12.4	11.6	10.9	10.1	9.3	8.7	8.1	7.5	6.7	5.9
1600	14.5	14.1	13.6	13.1	12.6	11.9	11.2	10.4	9.7	8.9	8.3	7.7	7.1	6.4	5.6
1500	14.3	13.8	13.3	12.8	12.4	11.6	10.9	10.2	9.5	8.7	8.1	7.5	7.0	6.2	5.5
1400	14.0	13.5	13.0	12.6	12.1	11.4	10.7	10.0	9.3	8.5	7.9	7.4	6.8	6.1	5.4
1300	13.7	13.2	12.8	12.3	11.9	11.2	10.5	9.8	9.1	8.3	7.8	7.2	6.6	5.9	5.2
1200	13.4	13.0	12.5	12.1	11.6	10.9	10.3	9.6	8.9	8.1	7.6	7.0	6.5	5.8	5.1
1100	13.1	12.7	12.3	11.8	11.4	10.7	10.0	9.4	8.7	7.9	7.4	6.9	6.3	5.7	5.0
1000	12.9	12.4	12.0	11.6	11.1	10.5	9.8	9.2	8.5	7.7	7.2	6.7	6.2	5.5	4.9
900	12.4	12.0	11.6	11.2	10.7	10.1	9.5	8.8	8.2	7.5	6.9	6.4	5.9	5.3	4.7
800	12.0	11.6	11.2	10.7	10.3	9.7	9.1	8.5	7.9	7.2	6.7	6.2	5.7	5.1	4.4
700	11.1	10.7	10.4	10.0	9.6	9.0	8.4	7.8	7.3	6.6	6.1	5.7	5.2	4.6	4.1
600	10.3	9.9	9.6	9.2	8.8	8.3	7.8	7.2	6.7	6.0	5.6	5.2	4.8	4.2	3.7
500	9.2	8.9	8.6	8.2	7.9	7.4	6.9	6.4	5.9	5.4	5.0	4.6	4.2	3.7	3.2
450	8.7	8.4	8.1	7.8	7.5	7.0	6.5	6.0	5.6	5.0	4.7	4.3	3.9	3.5	3.0
400	8.2	7.9	7.6	7.3	7.0	6.6	6.1	5.7	5.2	4.7	4.4	4.0	3.7	3.2	2.8
350	7.3	7.1	6.8	6.5	6.3	5.9	5.4	5.0	4.6	4.2	3.9	3.5	3.2	2.8	2.4
300	6.5	6.3	6.0	5.8	5.5	5.2	4.8	4.4	4.1	3.6	3.4	3.1	2.8	2.5	2.1
250	5.0	4.8	4.6	4.4	4.2	4.0	3.7	3.4	3.1	2.7	2.5	2.3	2.1	1.8	1.5
200	4.4	4.2	4.0	3.9	3.7	3.4	3.2	2.9	2.6	2.4	2.2	2.0	1.8	1.5	1.3
150	3.1	3.0	2.9	2.8	2.6	2.4	2.2	2.0	1.9	1.6	1.5	1.4	1.2	1.0	0.9
100	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.2	1.1	1.0	0.8	0.7	0.5	0.3	0.1
50	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 38
K = .9

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	7.8	7.0	5.0	3.7	2.4	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
8000	7.8	7.0	5.0	3.7	2.4	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
6000	7.5	6.7	4.9	3.5	2.3	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
4000	6.8	6.1	4.4	3.1	2.0	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3500	6.6	5.9	4.2	3.0	2.0	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	6.4	5.7	4.1	2.9	1.9	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2800	6.2	5.6	4.0	2.8	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2600	6.1	5.4	3.9	2.8	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2400	6.0	5.3	3.8	2.7	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	5.8	5.2	3.7	2.6	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	5.7	5.1	3.6	2.6	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	5.3	4.7	3.4	2.4	1.5	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	5.1	4.5	3.2	2.2	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	4.9	4.4	3.1	2.2	1.4	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	4.8	4.3	3.0	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	4.7	4.2	2.9	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	4.6	4.1	2.9	2.0	1.2	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	4.5	4.0	2.8	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	4.3	3.9	2.7	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	4.2	3.7	2.6	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	4.0	3.5	2.4	1.7	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	3.6	3.2	2.2	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	3.3	2.9	2.0	1.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	2.9	2.5	1.7	1.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	2.7	2.4	1.6	1.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	2.5	2.2	1.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	2.2	1.9	1.3	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	1.9	1.6	1.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	1.3	1.2	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	1.1	1.0	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 38
K = 1.0

(L) Unsheltered Distance In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	22.8	22.1	21.4	20.7	20.0	18.9	17.9	16.8	15.8	14.6	13.7	12.8	12.0	10.9	9.8
8000	22.8	22.1	21.4	20.7	20.0	18.9	17.9	16.8	15.8	14.6	13.7	12.8	12.0	10.9	9.8
6000	22.6	21.9	21.2	20.5	19.8	18.8	17.7	16.7	15.6	14.4	13.6	12.7	11.9	10.8	9.7
4000	21.2	20.6	19.9	19.2	18.6	17.6	16.6	15.6	14.6	13.5	12.6	11.8	11.0	10.0	9.0
3500	20.8	20.2	19.5	18.9	18.2	17.2	16.2	15.3	14.3	13.2	12.4	11.6	10.8	9.8	8.7
3000	20.4	19.7	19.1	18.5	17.8	16.9	15.9	14.9	14.0	12.9	12.1	11.3	10.5	9.5	8.5
2800	20.0	19.4	18.8	18.2	17.5	16.6	15.6	14.7	13.7	12.6	11.9	11.1	10.3	9.3	8.4
2600	19.7	19.1	18.4	17.8	17.2	16.3	15.3	14.4	13.5	12.4	11.6	10.9	10.1	9.1	8.2
2400	19.3	18.7	18.1	17.5	16.9	16.0	15.0	14.1	13.2	12.1	11.4	10.6	9.9	8.9	8.0
2200	19.0	18.4	17.8	17.2	16.6	15.7	14.7	13.8	12.9	11.9	11.2	10.4	9.7	8.7	7.8
2000	18.6	18.0	17.4	16.8	16.3	15.4	14.5	13.6	12.7	11.6	10.9	10.2	9.5	8.6	7.6
1800	17.9	17.3	16.7	16.2	15.6	14.7	13.9	13.0	12.1	11.1	10.4	9.7	9.0	8.2	7.3
1600	17.1	16.6	16.0	15.5	14.9	14.1	13.3	12.4	11.6	10.6	10.0	9.3	8.6	7.8	6.9
1500	16.8	16.2	15.7	15.1	14.6	13.8	13.0	12.1	11.3	10.4	9.7	9.1	8.4	7.6	6.7
1400	16.4	15.9	15.3	14.8	14.3	13.5	12.7	11.8	11.0	10.1	9.5	8.8	8.2	7.4	6.5
1300	16.0	15.5	15.0	14.5	13.9	13.1	12.4	11.6	10.8	9.9	9.2	8.6	8.0	7.2	6.4
1200	15.7	15.1	14.6	14.1	13.6	12.8	12.1	11.3	10.5	9.6	9.0	8.4	7.8	7.0	6.2
1100	15.3	14.8	14.3	13.8	13.3	12.5	11.8	11.0	10.2	9.4	8.8	8.2	7.5	6.8	6.0
1000	14.9	14.5	14.0	13.5	13.0	12.2	11.5	10.7	10.0	9.1	8.5	7.9	7.3	6.6	5.8
900	14.5	14.0	13.5	13.0	12.5	11.8	11.1	10.4	9.6	8.8	8.2	7.7	7.1	6.3	5.6
800	14.0	13.5	13.0	12.6	12.1	11.4	10.7	10.0	9.3	8.5	7.9	7.4	6.8	6.1	5.4
700	13.2	12.7	12.3	11.9	11.4	10.7	10.1	9.4	8.7	8.0	7.4	6.9	6.4	5.7	5.0
600	12.4	12.0	11.6	11.1	10.7	10.1	9.4	8.8	8.2	7.4	6.9	6.4	5.9	5.3	4.6
500	11.2	10.9	10.5	10.1	9.7	9.1	8.5	7.9	7.3	6.7	6.2	5.8	5.3	4.7	4.1
450	10.7	10.3	9.9	9.6	9.2	8.6	8.1	7.5	6.9	6.3	5.9	5.4	5.0	4.4	3.9
400	10.1	9.7	9.4	9.0	8.7	8.1	7.6	7.1	6.5	5.9	5.5	5.1	4.7	4.1	3.6
350	9.3	9.0	8.6	8.3	8.0	7.5	7.0	6.5	6.0	5.4	5.0	4.6	4.2	3.7	3.3
300	8.5	8.2	7.9	7.6	7.3	6.8	6.3	5.9	5.4	4.9	4.5	4.2	3.8	3.4	2.9
250	7.1	6.8	6.5	6.3	6.0	5.6	5.2	4.8	4.4	4.0	3.7	3.4	3.1	2.7	2.3
200	5.6	5.4	5.2	5.0	4.8	4.4	4.1	3.8	3.5	3.1	2.9	2.6	2.4	2.1	1.8
150	4.2	4.0	3.8	3.7	3.5	3.2	3.0	2.8	2.5	2.2	2.0	1.9	1.7	1.4	1.2
100	3.0	2.9	2.8	2.7	2.5	2.3	2.2	2.0	1.8	1.6	1.4	1.3	1.2	1.0	0.8
50	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.1
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 38
K = 1.0

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	8.9	8.0	5.8	4.3	2.8	2.1	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
8000	8.9	8.0	5.8	4.3	2.8	2.1	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
6000	8.8	7.9	5.7	4.2	2.8	2.0	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
4000	8.1	7.3	5.3	3.8	2.5	1.8	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
3500	7.9	7.1	5.1	3.7	2.5	1.8	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
3000	7.7	6.9	5.0	3.6	2.4	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2800	7.5	6.8	4.9	3.5	2.3	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2600	7.4	6.6	4.8	3.4	2.2	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2400	7.2	6.4	4.7	3.4	2.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	7.0	6.3	4.5	3.3	2.1	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	6.9	6.1	4.4	3.2	2.1	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	6.5	5.8	4.2	3.0	1.9	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	6.2	5.5	4.0	2.8	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	6.0	5.4	3.8	2.7	1.8	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	5.9	5.2	3.7	2.7	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	5.7	5.1	3.6	2.6	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	5.5	4.9	3.5	2.5	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	5.4	4.8	3.4	2.4	1.5	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	5.2	4.7	3.3	2.3	1.5	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	5.0	4.5	3.2	2.2	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	4.8	4.3	3.0	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	4.5	4.0	2.8	2.0	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	4.1	3.7	2.6	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	3.7	3.2	2.2	1.6	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	3.4	3.0	2.1	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	3.2	2.8	1.9	1.3	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	2.9	2.5	1.7	1.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	2.6	2.3	1.5	1.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	2.1	1.8	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	1.6	1.4	0.9	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	1.1	0.9	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 48
K = .5

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	14.4	13.9	13.4	13.0	12.5	11.8	11.0	10.3	9.6	8.8	8.2	7.6	7.0	6.3	5.6
8000	14.4	13.9	13.4	13.0	12.5	11.8	11.0	10.3	9.6	8.8	8.2	7.6	7.0	6.3	5.6
6000	13.8	13.3	12.8	12.4	11.9	11.2	10.5	9.8	9.1	8.3	7.8	7.2	6.7	6.0	5.3
4000	12.9	12.4	12.0	11.6	11.1	10.5	9.8	9.2	8.5	7.8	7.2	6.7	6.2	5.5	4.9
3500	12.3	11.9	11.4	11.0	10.6	10.0	9.3	8.7	8.1	7.4	6.9	6.4	5.9	5.2	4.6
3000	11.7	11.3	10.9	10.5	10.1	9.5	8.9	8.3	7.6	7.0	6.5	6.0	5.5	4.9	4.3
2800	11.5	11.1	10.7	10.3	9.9	9.3	8.7	8.1	7.5	6.8	6.3	5.9	5.4	4.8	4.2
2600	11.2	10.9	10.5	10.1	9.7	9.1	8.5	7.9	7.3	6.7	6.2	5.8	5.3	4.7	4.1
2400	11.0	10.7	10.3	9.9	9.5	8.9	8.4	7.8	7.2	6.5	6.1	5.6	5.2	4.6	4.0
2200	10.8	10.4	10.1	9.7	9.3	8.8	8.2	7.6	7.0	6.4	6.0	5.5	5.1	4.5	3.9
2000	10.6	10.2	9.9	9.5	9.1	8.6	8.0	7.5	6.9	6.3	5.8	5.4	4.9	4.4	3.8
1800	10.0	9.6	9.3	8.9	8.6	8.0	7.5	7.0	6.4	5.9	5.4	5.0	4.6	4.1	3.6
1600	9.4	9.0	8.7	8.4	8.0	7.5	7.0	6.5	6.0	5.5	5.1	4.7	4.3	3.8	3.3
1500	9.0	8.7	8.4	8.1	7.8	7.3	6.8	6.3	5.8	5.3	4.9	4.5	4.1	3.6	3.2
1400	8.7	8.4	8.1	7.8	7.5	7.0	6.5	6.1	5.6	5.1	4.7	4.3	4.0	3.5	3.0
1300	8.4	8.1	7.8	7.5	7.2	6.8	6.3	5.8	5.4	4.9	4.5	4.2	3.8	3.3	2.9
1200	8.1	7.8	7.5	7.2	6.9	6.5	6.1	5.6	5.2	4.7	4.3	4.0	3.6	3.2	2.8
1100	7.8	7.5	7.2	7.0	6.7	6.2	5.8	5.4	5.0	4.5	4.1	3.8	3.5	3.1	2.6
1000	7.5	7.2	7.0	6.7	6.4	6.0	5.6	5.2	4.7	4.3	4.0	3.6	3.3	2.9	2.5
900	6.9	6.7	6.4	6.1	5.9	5.5	5.1	4.7	4.3	3.9	3.6	3.3	3.0	2.6	2.3
800	6.3	6.1	5.9	5.6	5.4	5.0	4.7	4.3	3.9	3.5	3.3	3.0	2.7	2.4	2.0
700	5.3	5.1	4.9	4.7	4.5	4.2	3.9	3.6	3.2	2.9	2.7	2.4	2.2	1.9	1.6
600	4.7	4.5	4.3	4.1	3.9	3.7	3.4	3.1	2.8	2.5	2.3	2.1	1.9	1.7	1.4
500	4.2	4.0	3.8	3.7	3.5	3.3	3.0	2.8	2.5	2.2	2.0	1.9	1.7	1.5	1.2
450	3.9	3.7	3.6	3.4	3.3	3.0	2.8	2.6	2.3	2.1	1.9	1.7	1.6	1.3	1.1
400	3.6	3.5	3.4	3.2	3.1	2.8	2.6	2.4	2.2	1.9	1.8	1.6	1.4	1.2	1.0
350	3.1	3.0	2.9	2.7	2.6	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.9
300	2.6	2.5	2.4	2.3	2.2	2.0	1.8	1.7	1.5	1.3	1.2	1.1	1.0	0.8	0.7
250	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3	0.1
200	1.6	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.5	0.4	0.3	0.1
150	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.1
100	0.7	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 48
K = .5

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	5.0	4.4	3.1	2.2	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8000	5.0	4.4	3.1	2.2	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6000	4.7	4.2	2.9	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4000	4.4	3.9	2.7	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3500	4.1	3.6	2.5	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	3.8	3.4	2.4	1.6	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2800	3.8	3.3	2.3	1.6	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2600	3.7	3.2	2.2	1.6	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2400	3.6	3.2	2.2	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	3.5	3.1	2.1	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	3.4	3.0	2.1	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	3.2	2.8	1.9	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	2.9	2.6	1.8	1.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	2.8	2.5	1.7	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	2.7	2.4	1.6	1.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	2.6	2.3	1.5	1.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	2.5	2.2	1.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	2.3	2.0	1.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	2.2	1.9	1.3	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	2.0	1.8	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	1.8	1.6	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	1.4	1.3	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	1.2	1.1	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	1.1	0.9	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	0.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.8	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 48
K = .6

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	17.3	16.7	16.2	15.6	15.1	14.2	13.4	12.5	11.7	10.7	10.1	9.4	8.7	7.8	7.0
8000	17.3	16.7	16.2	15.6	15.1	14.2	13.4	12.5	11.7	10.7	10.1	9.4	8.7	7.8	7.0
6000	16.7	16.1	15.6	15.0	14.5	13.7	12.9	12.0	11.2	10.3	9.6	9.0	8.3	7.5	6.7
4000	15.3	14.8	14.3	13.8	13.3	12.5	11.7	11.0	10.2	9.4	8.8	8.1	7.5	6.8	6.0
3500	14.8	14.3	13.8	13.3	12.9	12.1	11.4	10.6	9.9	9.1	8.5	7.9	7.3	6.5	5.8
3000	14.4	14.0	13.5	13.0	12.5	11.8	11.1	10.3	9.6	8.8	8.2	7.6	7.1	6.3	5.6
2800	14.2	13.7	13.2	12.8	12.3	11.6	10.9	10.1	9.4	8.6	8.1	7.5	6.9	6.2	5.5
2600	13.9	13.5	13.0	12.5	12.1	11.4	10.7	10.0	9.2	8.5	7.9	7.3	6.8	6.1	5.3
2400	13.7	13.2	12.7	12.3	11.8	11.1	10.4	9.8	9.1	8.3	7.7	7.2	6.6	5.9	5.2
2200	13.4	13.0	12.5	12.1	11.6	10.9	10.2	9.6	8.9	8.1	7.6	7.0	6.5	5.8	5.1
2000	13.1	12.7	12.3	11.8	11.4	10.7	10.0	9.4	8.7	7.9	7.4	6.9	6.3	5.7	5.0
1800	12.6	12.2	11.7	11.3	10.9	10.2	9.6	8.9	8.3	7.6	7.1	6.5	6.0	5.4	4.7
1600	12.0	11.6	11.2	10.8	10.4	9.8	9.1	8.5	7.9	7.2	6.7	6.2	5.7	5.1	4.5
1500	11.7	11.3	10.9	10.5	10.1	9.5	8.9	8.3	7.7	7.0	6.5	6.0	5.6	5.0	4.3
1400	11.5	11.1	10.7	10.3	9.9	9.3	8.7	8.1	7.5	6.8	6.4	5.9	5.4	4.8	4.2
1300	11.2	10.8	10.4	10.0	9.6	9.1	8.5	7.9	7.3	6.6	6.2	5.7	5.3	4.7	4.1
1200	10.9	10.5	10.2	9.8	9.4	8.8	8.2	7.7	7.1	6.5	6.0	5.6	5.1	4.5	4.0
1100	10.6	10.3	9.9	9.5	9.1	8.6	8.0	7.5	6.9	6.3	5.8	5.4	5.0	4.4	3.8
1000	10.3	10.0	9.6	9.3	8.9	8.4	7.8	7.3	6.7	6.1	5.7	5.2	4.8	4.3	3.7
900	9.7	9.4	9.1	8.7	8.4	7.9	7.3	6.8	6.3	5.7	5.3	4.9	4.5	4.0	3.5
800	9.2	8.8	8.5	8.2	7.9	7.4	6.9	6.4	5.9	5.3	4.9	4.6	4.2	3.7	3.2
700	8.2	7.9	7.6	7.3	7.0	6.6	6.1	5.7	5.2	4.7	4.4	4.0	3.7	3.3	2.8
600	7.3	7.0	6.8	6.5	6.2	5.8	5.4	5.0	4.6	4.1	3.8	3.5	3.2	2.8	2.4
500	6.2	6.0	5.7	5.5	5.3	4.9	4.6	4.2	3.9	3.5	3.2	2.9	2.7	2.3	2.0
450	5.7	5.4	5.2	5.0	4.8	4.5	4.1	3.8	3.5	3.1	2.9	2.6	2.4	2.1	1.8
400	5.1	4.9	4.7	4.5	4.3	4.0	3.7	3.4	3.1	2.8	2.6	2.3	2.1	1.8	1.6
350	4.6	4.4	4.2	4.0	3.9	3.6	3.3	3.0	2.8	2.5	2.3	2.1	1.9	1.6	1.4
300	4.1	3.9	3.8	3.6	3.5	3.2	3.0	2.7	2.5	2.2	2.0	1.8	1.7	1.4	1.2
250	3.4	3.3	3.2	3.0	2.9	2.7	2.5	2.3	2.0	1.8	1.7	1.5	1.4	1.2	1.0
200	2.8	2.7	2.5	2.4	2.3	2.1	2.0	1.8	1.6	1.4	1.3	1.2	1.1	0.9	0.7
150	1.8	1.7	1.6	1.5	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.3	0.1
100	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 48
K = .6

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	6.3	5.6	4.0	2.9	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8000	6.3	5.6	4.0	2.9	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6000	6.0	5.3	3.8	2.7	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4000	5.4	4.8	3.4	2.4	1.5	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3500	5.2	4.6	3.3	2.3	1.4	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	5.0	4.5	3.1	2.2	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2800	4.9	4.4	3.1	2.2	1.4	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2600	4.8	4.3	3.0	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2400	4.7	4.2	2.9	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	4.6	4.1	2.8	2.0	1.2	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	4.5	4.0	2.8	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	4.2	3.7	2.6	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	4.0	3.5	2.5	1.7	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	3.9	3.4	2.4	1.7	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	3.8	3.3	2.3	1.6	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	3.6	3.2	2.2	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	3.5	3.1	2.2	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	3.4	3.0	2.1	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	3.3	2.9	2.0	1.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	3.1	2.7	1.9	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	2.8	2.5	1.7	1.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	2.5	2.2	1.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	2.1	1.9	1.3	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	1.8	1.5	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	1.6	1.4	0.9	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	1.4	1.2	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	1.1	0.9	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	0.8	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 48
K = .7

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	20.2	19.5	18.9	18.3	17.6	16.7	15.7	14.8	13.8	12.7	11.9	11.2	10.4	9.4	8.4
8000	20.2	19.5	18.9	18.3	17.6	16.7	15.7	14.8	13.8	12.7	11.9	11.2	10.4	9.4	8.4
6000	19.6	19.0	18.4	17.8	17.2	16.2	15.3	14.3	13.4	12.3	11.6	10.8	10.1	9.1	8.1
4000	18.1	17.5	16.9	16.3	15.7	14.9	14.0	13.1	12.3	11.3	10.6	9.8	9.1	8.2	7.4
3500	17.6	17.1	16.5	15.9	15.4	14.5	13.6	12.8	11.9	11.0	10.3	9.6	8.9	8.0	7.1
3000	17.2	16.6	16.1	15.5	15.0	14.1	13.3	12.5	11.6	10.7	10.0	9.3	8.6	7.8	6.9
2800	16.9	16.3	15.8	15.2	14.7	13.9	13.0	12.2	11.4	10.4	9.8	9.1	8.4	7.6	6.8
2600	16.5	16.0	15.5	14.9	14.4	13.6	12.8	11.9	11.1	10.2	9.6	8.9	8.3	7.4	6.6
2400	16.2	15.7	15.1	14.6	14.1	13.3	12.5	11.7	10.9	10.0	9.3	8.7	8.1	7.3	6.4
2200	15.9	15.4	14.8	14.3	13.8	13.0	12.2	11.4	10.7	9.8	9.1	8.5	7.9	7.1	6.3
2000	15.5	15.0	14.5	14.0	13.5	12.7	12.0	11.2	10.4	9.5	8.9	8.3	7.7	6.9	6.1
1800	14.8	14.3	13.8	13.4	12.9	12.1	11.4	10.6	9.9	9.1	8.5	7.9	7.3	6.5	5.8
1600	14.3	13.8	13.3	12.8	12.4	11.6	10.9	10.2	9.5	8.7	8.1	7.5	7.0	6.2	5.5
1500	14.0	13.5	13.1	12.6	12.1	11.4	10.7	10.0	9.3	8.5	7.9	7.4	6.8	6.1	5.4
1400	13.7	13.2	12.8	12.3	11.9	11.2	10.5	9.8	9.1	8.3	7.8	7.2	6.7	5.9	5.2
1300	13.4	13.0	12.5	12.1	11.6	10.9	10.3	9.6	8.9	8.1	7.6	7.0	6.5	5.8	5.1
1200	13.2	12.7	12.3	11.8	11.4	10.7	10.0	9.4	8.7	7.9	7.4	6.9	6.3	5.7	5.0
1100	12.9	12.4	12.0	11.6	11.1	10.5	9.8	9.2	8.5	7.8	7.2	6.7	6.2	5.5	4.9
1000	12.6	12.2	11.7	11.3	10.9	10.2	9.6	8.9	8.3	7.6	7.1	6.5	6.0	5.4	4.7
900	12.1	11.7	11.3	10.9	10.5	9.8	9.2	8.6	8.0	7.3	6.8	6.3	5.8	5.1	4.5
800	11.7	11.3	10.9	10.5	10.1	9.4	8.8	8.2	7.6	6.9	6.5	6.0	5.5	4.9	4.3
700	10.8	10.4	10.1	9.7	9.3	8.7	8.2	7.6	7.0	6.4	5.9	5.5	5.1	4.5	3.9
600	9.9	9.6	9.2	8.9	8.5	8.0	7.5	7.0	6.4	5.8	5.4	5.0	4.6	4.1	3.5
500	8.9	8.6	8.3	7.9	7.6	7.1	6.7	6.2	5.7	5.2	4.8	4.4	4.0	3.6	3.1
450	8.4	8.1	7.8	7.5	7.2	6.7	6.3	5.8	5.3	4.8	4.5	4.1	3.8	3.3	2.9
400	7.8	7.6	7.3	7.0	6.7	6.3	5.8	5.4	5.0	4.5	4.2	3.8	3.5	3.1	2.7
350	7.0	6.7	6.5	6.2	5.9	5.6	5.2	4.8	4.4	3.9	3.6	3.3	3.1	2.7	2.3
300	6.1	5.9	5.6	5.4	5.2	4.8	4.5	4.1	3.8	3.4	3.1	2.9	2.6	2.3	1.9
250	4.8	4.6	4.5	4.3	4.1	3.8	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.7	1.5
200	4.2	4.0	3.9	3.7	3.5	3.3	3.0	2.8	2.5	2.2	2.1	1.9	1.7	1.5	1.2
150	3.0	2.8	2.7	2.6	2.5	2.3	2.1	1.9	1.7	1.5	1.4	1.3	1.1	1.0	0.8
100	1.9	1.8	1.7	1.6	1.6	1.4	1.3	1.2	1.1	0.9	0.8	0.6	0.5	0.3	0.1
50	0.7	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 48
K = .7

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	7.6	6.8	4.9	3.6	2.3	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
8000	7.6	6.8	4.9	3.6	2.3	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
6000	7.3	6.6	4.8	3.4	2.2	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4000	6.6	5.9	4.2	3.0	2.0	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3500	6.4	5.7	4.1	2.9	1.9	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	6.2	5.6	4.0	2.8	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2800	6.1	5.4	3.9	2.8	1.8	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2600	5.9	5.3	3.8	2.7	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2400	5.8	5.2	3.7	2.6	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	5.6	5.0	3.6	2.5	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	5.5	4.9	3.5	2.5	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	5.2	4.6	3.3	2.3	1.4	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	4.9	4.4	3.1	2.2	1.4	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	4.8	4.3	3.0	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	4.7	4.2	2.9	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	4.6	4.1	2.9	2.0	1.2	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	4.5	4.0	2.8	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	4.3	3.9	2.7	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	4.2	3.7	2.6	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	4.0	3.6	2.5	1.7	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	3.8	3.4	2.4	1.6	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	3.5	3.1	2.1	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	3.2	2.8	1.9	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	2.7	2.4	1.6	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	2.5	2.2	1.5	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	2.3	2.1	1.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	2.0	1.8	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	1.7	1.5	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	1.3	1.1	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	1.1	0.9	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 48
K = .8

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	23.0	22.3	21.6	20.9	20.2	19.2	18.1	17.0	16.0	14.7	13.9	13.0	12.1	11.0	9.9
8000	23.0	22.3	21.6	20.9	20.2	19.2	18.1	17.0	16.0	14.7	13.9	13.0	12.1	11.0	9.9
6000	22.9	22.2	21.5	20.8	20.1	19.0	18.0	16.9	15.8	14.6	13.8	12.9	12.0	10.9	9.8
4000	21.5	20.9	20.2	19.5	18.9	17.8	16.8	15.8	14.8	13.7	12.9	12.0	11.2	10.2	9.1
3500	21.1	20.5	19.8	19.1	18.5	17.5	16.5	15.5	14.5	13.4	12.6	11.8	11.0	9.9	8.9
3000	20.7	20.0	19.4	18.8	18.1	17.1	16.2	15.2	14.2	13.1	12.3	11.5	10.7	9.7	8.7
2800	20.3	19.7	19.1	18.4	17.8	16.8	15.9	14.9	13.9	12.8	12.1	11.3	10.5	9.5	8.5
2600	20.0	19.4	18.7	18.1	17.5	16.5	15.6	14.6	13.7	12.6	11.8	11.1	10.3	9.3	8.3
2400	19.6	19.0	18.4	17.8	17.2	16.2	15.3	14.3	13.4	12.4	11.6	10.8	10.1	9.1	8.1
2200	19.3	18.7	18.0	17.4	16.8	15.9	15.0	14.1	13.1	12.1	11.4	10.6	9.9	8.9	8.0
2000	18.9	18.3	17.7	17.1	16.5	15.6	14.7	13.8	12.9	11.8	11.1	10.4	9.6	8.7	7.8
1800	18.2	17.6	17.0	16.4	15.9	15.0	14.1	13.2	12.3	11.3	10.6	9.9	9.2	8.3	7.4
1600	17.4	16.9	16.3	15.8	15.2	14.4	13.5	12.7	11.8	10.8	10.2	9.5	8.8	7.9	7.0
1500	17.1	16.5	16.0	15.4	14.9	14.0	13.2	12.4	11.5	10.6	9.9	9.2	8.6	7.7	6.9
1400	16.7	16.2	15.6	15.1	14.5	13.7	12.9	12.1	11.3	10.3	9.7	9.0	8.4	7.5	6.7
1300	16.3	15.8	15.3	14.8	14.2	13.4	12.6	11.8	11.0	10.1	9.4	8.8	8.2	7.3	6.5
1200	16.0	15.5	14.9	14.4	13.9	13.1	12.3	11.5	10.7	9.8	9.2	8.6	7.9	7.1	6.3
1100	15.6	15.1	14.6	14.1	13.6	12.8	12.0	11.2	10.5	9.6	9.0	8.4	7.7	6.9	6.2
1000	15.3	14.7	14.2	13.7	13.2	12.5	11.7	11.0	10.2	9.3	8.7	8.1	7.5	6.8	6.0
900	14.7	14.2	13.7	13.2	12.7	12.0	11.3	10.5	9.8	9.0	8.4	7.8	7.2	6.5	5.7
800	14.2	13.7	13.2	12.8	12.3	11.6	10.9	10.2	9.4	8.6	8.1	7.5	6.9	6.2	5.5
700	13.4	13.0	12.5	12.1	11.6	10.9	10.2	9.6	8.9	8.1	7.6	7.0	6.5	5.8	5.1
600	12.6	12.2	11.8	11.3	10.9	10.3	9.6	9.0	8.3	7.6	7.1	6.6	6.0	5.4	4.7
500	11.5	11.1	10.7	10.3	9.9	9.3	8.7	8.1	7.5	6.8	6.3	5.9	5.4	4.8	4.2
450	10.9	10.5	10.1	9.7	9.4	8.8	8.2	7.7	7.1	6.4	6.0	5.5	5.1	4.5	4.0
400	10.3	9.9	9.6	9.2	8.9	8.3	7.8	7.2	6.7	6.1	5.6	5.2	4.8	4.2	3.7
350	9.5	9.1	8.8	8.5	8.1	7.6	7.1	6.6	6.1	5.5	5.1	4.7	4.3	3.8	3.3
300	8.7	8.4	8.0	7.7	7.4	7.0	6.5	6.0	5.5	5.0	4.6	4.3	3.9	3.5	3.0
250	7.2	7.0	6.7	6.4	6.2	5.8	5.4	5.0	4.6	4.1	3.8	3.5	3.2	2.8	2.4
200	5.8	5.6	5.4	5.2	4.9	4.6	4.3	3.9	3.6	3.2	3.0	2.7	2.5	2.2	1.8
150	4.3	4.1	3.9	3.8	3.6	3.3	3.1	2.8	2.6	2.3	2.1	1.9	1.7	1.5	1.3
100	3.2	3.0	2.9	2.8	2.6	2.4	2.2	2.1	1.9	1.6	1.5	1.4	1.2	1.0	0.9
50	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.1
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 48
K = .8

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	9.0	8.1	5.9	4.3	2.9	2.1	1.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
8000	9.0	8.1	5.9	4.3	2.9	2.1	1.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
6000	8.9	8.0	5.8	4.3	2.8	2.1	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
4000	8.2	7.4	5.4	3.9	2.6	1.9	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
3500	8.0	7.2	5.2	3.8	2.5	1.8	0.9	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
3000	7.8	7.0	5.1	3.7	2.4	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2800	7.7	6.9	5.0	3.6	2.4	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2600	7.5	6.7	4.9	3.5	2.3	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2400	7.4	6.6	4.8	3.4	2.2	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	7.2	6.4	4.6	3.3	2.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	7.0	6.3	4.5	3.3	2.1	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	6.7	6.0	4.3	3.1	2.0	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	6.3	5.7	4.1	2.9	1.9	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	6.2	5.5	3.9	2.8	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	6.0	5.4	3.8	2.7	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	5.9	5.2	3.7	2.6	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	5.7	5.1	3.6	2.6	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	5.5	4.9	3.5	2.5	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	5.4	4.8	3.4	2.4	1.5	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	5.1	4.6	3.2	2.3	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	4.9	4.4	3.1	2.2	1.4	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	4.6	4.1	2.8	2.0	1.2	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	4.2	3.8	2.6	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	3.8	3.3	2.3	1.6	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	3.5	3.1	2.1	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	3.3	2.9	2.0	1.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	3.0	2.6	1.8	1.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	2.7	2.3	1.6	1.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	2.1	1.9	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	1.6	1.4	0.9	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	1.1	1.0	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 48
K = .9

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	25.9	25.1	24.4	23.6	22.8	21.6	20.5	19.3	18.1	16.8	15.8	14.9	13.9	12.7	11.5
8000	25.9	25.1	24.4	23.6	22.8	21.6	20.5	19.3	18.1	16.8	15.8	14.9	13.9	12.7	11.5
6000	25.9	25.1	24.4	23.6	22.8	21.6	20.5	19.3	18.1	16.8	15.8	14.9	13.9	12.7	11.5
4000	24.4	23.7	22.9	22.2	21.5	20.3	19.2	18.1	17.0	15.7	14.8	13.9	13.0	11.8	10.6
3500	24.0	23.3	22.5	21.8	21.1	20.0	18.9	17.8	16.7	15.4	14.5	13.6	12.7	11.6	10.4
3000	23.6	22.9	22.1	21.4	20.7	19.6	18.5	17.4	16.4	15.1	14.2	13.3	12.5	11.3	10.2
2800	23.2	22.5	21.8	21.1	20.4	19.3	18.3	17.2	16.1	14.9	14.0	13.1	12.2	11.1	10.0
2600	22.9	22.2	21.5	20.8	20.1	19.0	18.0	16.9	15.9	14.6	13.8	12.9	12.0	10.9	9.8
2400	22.6	21.9	21.2	20.5	19.8	18.8	17.7	16.7	15.6	14.4	13.6	12.7	11.8	10.8	9.7
2200	22.2	21.6	20.9	20.2	19.5	18.5	17.4	16.4	15.4	14.2	13.3	12.5	11.6	10.6	9.5
2000	21.9	21.2	20.6	19.9	19.2	18.2	17.2	16.1	15.1	13.9	13.1	12.3	11.4	10.4	9.3
1800	21.2	20.6	19.9	19.3	18.6	17.6	16.6	15.6	14.6	13.5	12.7	11.9	11.0	10.0	9.0
1600	20.6	20.0	19.3	18.7	18.0	17.1	16.1	15.1	14.1	13.0	12.2	11.4	10.6	9.6	8.6
1500	20.3	19.6	19.0	18.4	17.7	16.8	15.8	14.8	13.9	12.8	12.0	11.2	10.5	9.5	8.5
1400	19.9	19.3	18.7	18.1	17.4	16.5	15.5	14.6	13.6	12.6	11.8	11.0	10.3	9.3	8.3
1300	19.6	19.0	18.4	17.7	17.1	16.2	15.3	14.3	13.4	12.3	11.6	10.8	10.1	9.1	8.1
1200	19.3	18.6	18.0	17.4	16.8	15.9	15.0	14.1	13.1	12.1	11.3	10.6	9.9	8.9	8.0
1100	18.9	18.3	17.7	17.1	16.5	15.6	14.7	13.8	12.9	11.9	11.1	10.4	9.7	8.7	7.8
1000	18.6	18.0	17.4	16.8	16.2	15.3	14.4	13.5	12.6	11.6	10.9	10.2	9.5	8.5	7.6
900	17.8	17.2	16.7	16.1	15.5	14.7	13.8	12.9	12.1	11.1	10.4	9.7	9.0	8.1	7.2
800	17.0	16.5	15.9	15.4	14.8	14.0	13.2	12.3	11.5	10.6	9.9	9.2	8.5	7.7	6.8
700	15.9	15.4	14.9	14.4	13.8	13.1	12.3	11.5	10.7	9.8	9.2	8.5	7.9	7.1	6.3
600	14.9	14.4	13.9	13.4	12.9	12.2	11.4	10.7	9.9	9.1	8.5	7.9	7.3	6.6	5.8
500	13.8	13.3	12.8	12.4	11.9	11.2	10.5	9.8	9.1	8.3	7.8	7.2	6.7	6.0	5.3
450	13.2	12.8	12.3	11.9	11.4	10.7	10.1	9.4	8.7	8.0	7.4	6.9	6.4	5.7	5.0
400	12.6	12.2	11.8	11.4	10.9	10.3	9.6	9.0	8.3	7.6	7.1	6.6	6.1	5.4	4.8
350	11.8	11.4	11.0	10.6	10.2	9.6	9.0	8.3	7.7	7.0	6.6	6.1	5.6	5.0	4.4
300	11.0	10.6	10.2	9.8	9.5	8.9	8.3	7.7	7.1	6.5	6.0	5.6	5.1	4.6	4.0
250	9.5	9.2	8.9	8.5	8.2	7.7	7.2	6.7	6.1	5.6	5.2	4.8	4.4	3.9	3.4
200	8.1	7.9	7.6	7.3	7.0	6.5	6.1	5.6	5.2	4.7	4.3	4.0	3.6	3.2	2.8
150	5.7	5.5	5.3	5.0	4.8	4.5	4.2	3.8	3.5	3.2	2.9	2.7	2.4	2.1	1.8
100	4.2	4.1	3.9	3.7	3.6	3.3	3.1	2.8	2.6	2.3	2.1	1.9	1.7	1.5	1.2
50	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1	0.9	0.8	0.7	0.6	0.4	0.3	0.1
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 48
K = .9

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	10.4	9.4	6.9	5.1	3.5	2.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
8000	10.4	9.4	6.9	5.1	3.5	2.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
6000	10.4	9.4	6.9	5.1	3.5	2.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
4000	9.6	8.7	6.4	4.7	3.1	2.3	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
3500	9.4	8.5	6.2	4.6	3.1	2.2	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
3000	9.2	8.3	6.1	4.5	3.0	2.2	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2800	9.1	8.1	6.0	4.4	2.9	2.1	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2600	8.9	8.0	5.9	4.3	2.8	2.1	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2400	8.7	7.9	5.7	4.2	2.8	2.0	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2200	8.6	7.7	5.6	4.1	2.7	2.0	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2000	8.4	7.6	5.5	4.0	2.7	1.9	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1800	8.1	7.3	5.3	3.8	2.5	1.8	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1600	7.8	7.0	5.1	3.7	2.4	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1500	7.7	6.8	5.0	3.6	2.4	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1400	7.5	6.7	4.9	3.5	2.3	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	7.3	6.6	4.7	3.4	2.2	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	7.2	6.4	4.6	3.3	2.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	7.0	6.3	4.5	3.3	2.1	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	6.9	6.1	4.4	3.2	2.1	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	6.5	5.8	4.2	3.0	1.9	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	6.2	5.5	3.9	2.8	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	5.7	5.0	3.6	2.5	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	5.2	4.6	3.3	2.3	1.5	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	4.7	4.2	2.9	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	4.5	4.0	2.8	2.0	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	4.2	3.8	2.6	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	3.9	3.5	2.4	1.7	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	3.6	3.1	2.2	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	3.0	2.6	1.8	1.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	2.5	2.2	1.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	1.6	1.4	0.9	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	1.1	0.9	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 48
K = 1.0

(L) Unsheltered Distance In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	28.8	28.0	27.1	26.3	25.4	24.1	22.9	21.6	20.3	18.9	17.8	16.8	15.7	14.4	13.0
8000	28.8	28.0	27.1	26.3	25.4	24.1	22.9	21.6	20.3	18.9	17.8	16.8	15.7	14.4	13.0
6000	28.8	28.0	27.1	26.3	25.4	24.1	22.9	21.6	20.3	18.9	17.8	16.8	15.7	14.4	13.0
4000	27.1	26.3	25.5	24.7	23.9	22.7	21.5	20.3	19.0	17.6	16.6	15.6	14.6	13.4	12.1
3500	26.5	25.7	24.9	24.1	23.3	22.1	20.9	19.7	18.5	17.2	16.2	15.2	14.2	13.0	11.8
3000	25.8	25.1	24.3	23.5	22.7	21.6	20.4	19.2	18.1	16.7	15.8	14.8	13.8	12.6	11.4
2800	25.4	24.6	23.9	23.1	22.4	21.2	20.0	18.9	17.7	16.4	15.5	14.5	13.6	12.4	11.2
2600	25.0	24.2	23.5	22.7	22.0	20.8	19.7	18.6	17.4	16.1	15.2	14.3	13.3	12.1	10.9
2400	24.7	24.0	23.2	22.5	21.7	20.6	19.5	18.3	17.2	15.9	15.0	14.1	13.1	12.0	10.8
2200	24.4	23.7	23.0	22.2	21.5	20.4	19.2	18.1	17.0	15.7	14.8	13.9	13.0	11.8	10.7
2000	24.2	23.4	22.7	22.0	21.2	20.1	19.0	17.9	16.8	15.5	14.6	13.7	12.8	11.7	10.5
1800	23.5	22.8	22.1	21.4	20.7	19.6	18.5	17.4	16.3	15.1	14.2	13.3	12.4	11.3	10.2
1600	22.9	22.2	21.5	20.8	20.1	19.0	18.0	16.9	15.8	14.6	13.8	12.9	12.0	10.9	9.8
1500	22.6	21.9	21.2	20.5	19.8	18.8	17.7	16.7	15.6	14.4	13.6	12.7	11.8	10.8	9.7
1400	22.3	21.6	20.9	20.2	19.5	18.5	17.4	16.4	15.4	14.2	13.3	12.5	11.7	10.6	9.5
1300	21.9	21.3	20.6	19.9	19.2	18.2	17.2	16.2	15.1	14.0	13.1	12.3	11.5	10.4	9.3
1200	21.6	21.0	20.3	19.6	19.0	17.9	16.9	15.9	14.9	13.7	12.9	12.1	11.3	10.2	9.2
1100	21.3	20.7	20.0	19.3	18.7	17.7	16.7	15.7	14.7	13.5	12.7	11.9	11.1	10.0	9.0
1000	21.0	20.3	19.7	19.0	18.4	17.4	16.4	15.4	14.4	13.3	12.5	11.7	10.9	9.9	8.8
900	20.2	19.6	19.0	18.3	17.7	16.7	15.8	14.8	13.9	12.8	12.0	11.2	10.4	9.4	8.5
800	19.4	18.8	18.2	17.6	17.0	16.1	15.1	14.2	13.3	12.2	11.5	10.7	10.0	9.0	8.0
700	18.3	17.7	17.1	16.5	16.0	15.1	14.2	13.3	12.4	11.4	10.7	10.0	9.3	8.4	7.5
600	17.2	16.6	16.1	15.5	15.0	14.1	13.3	12.4	11.6	10.7	10.0	9.3	8.6	7.8	6.9
500	15.8	15.3	14.7	14.2	13.7	12.9	12.2	11.4	10.6	9.7	9.1	8.5	7.8	7.0	6.2
450	15.1	14.6	14.1	13.6	13.1	12.3	11.6	10.8	10.1	9.2	8.6	8.0	7.4	6.7	5.9
400	14.6	14.1	13.6	13.1	12.6	11.9	11.2	10.4	9.7	8.9	8.3	7.7	7.1	6.4	5.7
350	13.7	13.3	12.8	12.4	11.9	11.2	10.5	9.8	9.1	8.3	7.8	7.2	6.7	6.0	5.3
300	12.9	12.5	12.0	11.6	11.2	10.5	9.8	9.2	8.5	7.8	7.3	6.7	6.2	5.5	4.9
250	11.5	11.1	10.7	10.3	9.9	9.3	8.7	8.1	7.5	6.8	6.4	5.9	5.4	4.8	4.2
200	10.0	9.7	9.3	9.0	8.6	8.1	7.6	7.0	6.5	5.9	5.5	5.1	4.6	4.1	3.6
150	7.5	7.3	7.0	6.7	6.4	6.0	5.6	5.2	4.8	4.3	4.0	3.7	3.3	2.9	2.5
100	5.1	4.9	4.7	4.5	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.3	2.1	1.8	1.5
50	2.2	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.5
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 48
K = 1.0

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	11.9	10.7	8.0	5.9	4.1	3.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
8000	11.9	10.7	8.0	5.9	4.1	3.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
6000	11.9	10.7	8.0	5.9	4.1	3.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
4000	11.0	9.9	7.3	5.4	3.7	2.7	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
3500	10.7	9.6	7.1	5.3	3.6	2.6	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
3000	10.3	9.3	6.9	5.1	3.4	2.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2800	10.1	9.1	6.7	5.0	3.3	2.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2600	9.9	8.9	6.6	4.8	3.3	2.4	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2400	9.8	8.8	6.5	4.8	3.2	2.3	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2200	9.7	8.7	6.4	4.7	3.1	2.3	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2000	9.5	8.6	6.3	4.6	3.1	2.3	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1800	9.2	8.3	6.1	4.4	3.0	2.2	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1600	8.9	8.0	5.9	4.3	2.8	2.1	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1500	8.8	7.9	5.7	4.2	2.8	2.0	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1400	8.6	7.7	5.6	4.1	2.7	2.0	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1300	8.4	7.6	5.5	4.0	2.7	1.9	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1200	8.3	7.4	5.4	3.9	2.6	1.9	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1100	8.1	7.3	5.3	3.9	2.5	1.8	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1000	8.0	7.2	5.2	3.8	2.5	1.8	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
900	7.6	6.8	5.0	3.6	2.3	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
800	7.3	6.5	4.7	3.4	2.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	6.7	6.0	4.3	3.1	2.0	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	6.2	5.6	4.0	2.8	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	5.6	5.0	3.5	2.5	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	5.3	4.7	3.3	2.4	1.5	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	5.1	4.5	3.2	2.2	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	4.7	4.2	2.9	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	4.4	3.9	2.7	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	3.8	3.3	2.3	1.6	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	3.2	2.8	1.9	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	2.2	2.0	1.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	1.4	1.2	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 56
K = .5

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	16.8	16.3	15.7	15.2	14.6	13.8	13.0	12.2	11.3	10.4	9.7	9.1	8.4	7.6	6.7
8000	16.8	16.3	15.7	15.2	14.6	13.8	13.0	12.2	11.3	10.4	9.7	9.1	8.4	7.6	6.7
6000	16.1	15.6	15.1	14.6	14.0	13.2	12.4	11.6	10.8	9.9	9.3	8.7	8.0	7.2	6.4
4000	14.8	14.3	13.9	13.4	12.9	12.1	11.4	10.6	9.9	9.1	8.5	7.9	7.3	6.5	5.8
3500	14.4	13.9	13.4	13.0	12.5	11.8	11.0	10.3	9.6	8.8	8.2	7.6	7.0	6.3	5.6
3000	14.0	13.5	13.0	12.6	12.1	11.4	10.7	10.0	9.3	8.5	7.9	7.4	6.8	6.1	5.4
2800	13.7	13.3	12.8	12.4	11.9	11.2	10.5	9.8	9.1	8.3	7.8	7.2	6.7	6.0	5.3
2600	13.5	13.0	12.6	12.1	11.7	11.0	10.3	9.6	8.9	8.2	7.6	7.1	6.5	5.8	5.1
2400	13.2	12.8	12.3	11.9	11.5	10.8	10.1	9.4	8.8	8.0	7.5	6.9	6.4	5.7	5.0
2200	13.0	12.5	12.1	11.7	11.2	10.6	9.9	9.2	8.6	7.8	7.3	6.8	6.2	5.6	4.9
2000	12.7	12.3	11.9	11.4	11.0	10.4	9.7	9.1	8.4	7.7	7.1	6.6	6.1	5.5	4.8
1800	12.2	11.8	11.3	10.9	10.5	9.9	9.3	8.6	8.0	7.3	6.8	6.3	5.8	5.2	4.5
1600	11.6	11.2	10.8	10.4	10.0	9.4	8.8	8.2	7.6	6.9	6.4	6.0	5.5	4.9	4.3
1500	11.3	10.9	10.5	10.1	9.8	9.2	8.6	8.0	7.4	6.7	6.3	5.8	5.3	4.7	4.1
1400	11.0	10.6	10.3	9.9	9.5	8.9	8.3	7.8	7.2	6.5	6.1	5.6	5.2	4.6	4.0
1300	10.7	10.4	10.0	9.6	9.3	8.7	8.1	7.6	7.0	6.4	5.9	5.5	5.0	4.5	3.9
1200	10.5	10.1	9.7	9.4	9.0	8.4	7.9	7.3	6.8	6.2	5.7	5.3	4.9	4.3	3.8
1100	10.2	9.8	9.5	9.1	8.7	8.2	7.7	7.1	6.6	6.0	5.6	5.1	4.7	4.2	3.6
1000	9.9	9.5	9.2	8.8	8.5	8.0	7.4	6.9	6.4	5.8	5.4	5.0	4.6	4.0	3.5
900	9.3	9.0	8.6	8.3	8.0	7.5	7.0	6.5	6.0	5.4	5.0	4.6	4.3	3.8	3.3
800	8.7	8.4	8.1	7.8	7.5	7.0	6.5	6.0	5.6	5.0	4.7	4.3	3.9	3.5	3.0
700	7.8	7.5	7.2	6.9	6.6	6.2	5.8	5.3	4.9	4.4	4.1	3.8	3.4	3.0	2.6
600	6.8	6.6	6.3	6.0	5.8	5.4	5.0	4.6	4.3	3.8	3.5	3.3	3.0	2.6	2.2
500	5.7	5.5	5.3	5.1	4.8	4.5	4.2	3.9	3.5	3.2	2.9	2.7	2.4	2.1	1.8
450	5.2	5.0	4.8	4.6	4.4	4.1	3.8	3.5	3.2	2.8	2.6	2.4	2.2	1.9	1.6
400	4.8	4.6	4.5	4.3	4.1	3.8	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.7	1.5
350	4.3	4.2	4.0	3.8	3.7	3.4	3.1	2.9	2.6	2.3	2.1	2.0	1.8	1.5	1.3
300	3.9	3.7	3.6	3.4	3.3	3.0	2.8	2.6	2.3	2.1	1.9	1.7	1.5	1.3	1.1
250	3.2	3.1	2.9	2.8	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.4	1.2	1.1	0.9
200	2.5	2.4	2.3	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.1	0.9	0.8	0.7
150	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.4	0.3	0.1
100	1.1	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.1
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 56
K = .5

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	6.1	5.4	3.9	2.8	1.8	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8000	6.1	5.4	3.9	2.8	1.8	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6000	5.8	5.1	3.6	2.6	1.6	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4000	5.2	4.6	3.3	2.3	1.4	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3500	5.0	4.4	3.1	2.2	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	4.8	4.3	3.0	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2800	4.7	4.2	2.9	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2600	4.6	4.1	2.9	2.0	1.2	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2400	4.5	4.0	2.8	2.0	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	4.4	3.9	2.7	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	4.3	3.8	2.7	1.9	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	4.1	3.6	2.5	1.7	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	3.8	3.4	2.3	1.6	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	3.7	3.3	2.3	1.6	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	3.6	3.2	2.2	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	3.5	3.1	2.1	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	3.4	3.0	2.0	1.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	3.2	2.9	2.0	1.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	3.1	2.8	1.9	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	2.9	2.6	1.7	1.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	2.7	2.4	1.6	1.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	2.3	2.0	1.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	2.0	1.7	1.1	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	1.6	1.4	0.9	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	1.4	1.2	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	1.3	1.1	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	1.1	1.0	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	0.7	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 56
K = .6

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	20.2	19.5	18.9	18.3	17.6	16.7	15.7	14.8	13.8	12.7	11.9	11.2	10.4	9.4	8.4
8000	20.2	19.5	18.9	18.3	17.6	16.7	15.7	14.8	13.8	12.7	11.9	11.2	10.4	9.4	8.4
6000	19.6	19.0	18.4	17.8	17.2	16.2	15.3	14.3	13.4	12.3	11.6	10.8	10.1	9.1	8.1
4000	18.1	17.5	16.9	16.3	15.7	14.9	14.0	13.1	12.3	11.3	10.6	9.8	9.1	8.2	7.4
3500	17.6	17.1	16.5	15.9	15.4	14.5	13.6	12.8	11.9	11.0	10.3	9.6	8.9	8.0	7.1
3000	17.2	16.6	16.1	15.5	15.0	14.1	13.3	12.5	11.6	10.7	10.0	9.3	8.6	7.8	6.9
2800	16.9	16.3	15.8	15.2	14.7	13.9	13.0	12.2	11.4	10.4	9.8	9.1	8.4	7.6	6.8
2600	16.5	16.0	15.5	14.9	14.4	13.6	12.8	11.9	11.1	10.2	9.6	8.9	8.3	7.4	6.6
2400	16.2	15.7	15.1	14.6	14.1	13.3	12.5	11.7	10.9	10.0	9.3	8.7	8.1	7.3	6.4
2200	15.9	15.4	14.8	14.3	13.8	13.0	12.2	11.4	10.7	9.8	9.1	8.5	7.9	7.1	6.3
2000	15.5	15.0	14.5	14.0	13.5	12.7	12.0	11.2	10.4	9.5	8.9	8.3	7.7	6.9	6.1
1800	14.8	14.3	13.8	13.4	12.9	12.1	11.4	10.6	9.9	9.1	8.5	7.9	7.3	6.5	5.8
1600	14.3	13.8	13.3	12.8	12.4	11.6	10.9	10.2	9.5	8.7	8.1	7.5	7.0	6.2	5.5
1500	14.0	13.5	13.1	12.6	12.1	11.4	10.7	10.0	9.3	8.5	7.9	7.4	6.8	6.1	5.4
1400	13.7	13.2	12.8	12.3	11.9	11.2	10.5	9.8	9.1	8.3	7.8	7.2	6.7	5.9	5.2
1300	13.4	13.0	12.5	12.1	11.6	10.9	10.3	9.6	8.9	8.1	7.6	7.0	6.5	5.8	5.1
1200	13.2	12.7	12.3	11.8	11.4	10.7	10.0	9.4	8.7	7.9	7.4	6.9	6.3	5.7	5.0
1100	12.9	12.4	12.0	11.6	11.1	10.5	9.8	9.2	8.5	7.8	7.2	6.7	6.2	5.5	4.9
1000	12.6	12.2	11.7	11.3	10.9	10.2	9.6	8.9	8.3	7.6	7.1	6.5	6.0	5.4	4.7
900	12.1	11.7	11.3	10.9	10.5	9.8	9.2	8.6	8.0	7.3	6.8	6.3	5.8	5.1	4.5
800	11.7	11.3	10.9	10.5	10.1	9.4	8.8	8.2	7.6	6.9	6.5	6.0	5.5	4.9	4.3
700	10.8	10.4	10.1	9.7	9.3	8.7	8.2	7.6	7.0	6.4	5.9	5.5	5.1	4.5	3.9
600	9.9	9.6	9.2	8.9	8.5	8.0	7.5	7.0	6.4	5.8	5.4	5.0	4.6	4.1	3.5
500	8.9	8.6	8.3	7.9	7.6	7.1	6.7	6.2	5.7	5.2	4.8	4.4	4.0	3.6	3.1
450	8.4	8.1	7.8	7.5	7.2	6.7	6.3	5.8	5.3	4.8	4.5	4.1	3.8	3.3	2.9
400	7.8	7.6	7.3	7.0	6.7	6.3	5.8	5.4	5.0	4.5	4.2	3.8	3.5	3.1	2.7
350	7.0	6.7	6.5	6.2	5.9	5.6	5.2	4.8	4.4	3.9	3.6	3.3	3.1	2.7	2.3
300	6.1	5.9	5.6	5.4	5.2	4.8	4.5	4.1	3.8	3.4	3.1	2.9	2.6	2.3	1.9
250	4.8	4.6	4.5	4.3	4.1	3.8	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.7	1.5
200	4.2	4.0	3.9	3.7	3.5	3.3	3.0	2.8	2.5	2.2	2.1	1.9	1.7	1.5	1.2
150	3.0	2.8	2.7	2.6	2.5	2.3	2.1	1.9	1.7	1.5	1.4	1.3	1.1	1.0	0.8
100	1.9	1.8	1.7	1.6	1.6	1.4	1.3	1.2	1.1	0.9	0.8	0.6	0.5	0.3	0.1
50	0.7	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 56
K = .6

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	7.6	6.8	4.9	3.6	2.3	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
8000	7.6	6.8	4.9	3.6	2.3	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
6000	7.3	6.6	4.8	3.4	2.2	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4000	6.6	5.9	4.2	3.0	2.0	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3500	6.4	5.7	4.1	2.9	1.9	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	6.2	5.6	4.0	2.8	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2800	6.1	5.4	3.9	2.8	1.8	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2600	5.9	5.3	3.8	2.7	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2400	5.8	5.2	3.7	2.6	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	5.6	5.0	3.6	2.5	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	5.5	4.9	3.5	2.5	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	5.2	4.6	3.3	2.3	1.4	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	4.9	4.4	3.1	2.2	1.4	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	4.8	4.3	3.0	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	4.7	4.2	2.9	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	4.6	4.1	2.9	2.0	1.2	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	4.5	4.0	2.8	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	4.3	3.9	2.7	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	4.2	3.7	2.6	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	4.0	3.6	2.5	1.7	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	3.8	3.4	2.4	1.6	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	3.5	3.1	2.1	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	3.2	2.8	1.9	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	2.7	2.4	1.6	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	2.5	2.2	1.5	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	2.3	2.1	1.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	2.0	1.8	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	1.7	1.5	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	1.3	1.1	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	1.1	0.9	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 56
K = .7

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	23.5	22.8	22.1	21.4	20.7	19.6	18.5	17.4	16.3	15.1	14.2	13.3	12.4	11.3	10.2
8000	23.5	22.8	22.1	21.4	20.7	19.6	18.5	17.4	16.3	15.1	14.2	13.3	12.4	11.3	10.2
6000	23.4	22.7	22.0	21.3	20.6	19.5	18.4	17.3	16.3	15.0	14.1	13.3	12.4	11.2	10.1
4000	22.1	21.5	20.8	20.1	19.4	18.4	17.3	16.3	15.3	14.1	13.3	12.4	11.6	10.5	9.4
3500	21.7	21.0	20.4	19.7	19.0	18.0	17.0	16.0	15.0	13.8	13.0	12.2	11.3	10.3	9.2
3000	21.3	20.6	20.0	19.3	18.7	17.7	16.7	15.7	14.7	13.5	12.7	11.9	11.1	10.0	9.0
2800	20.9	20.3	19.6	19.0	18.3	17.3	16.4	15.4	14.4	13.3	12.5	11.7	10.9	9.8	8.8
2600	20.6	19.9	19.3	18.7	18.0	17.0	16.1	15.1	14.1	13.0	12.2	11.4	10.6	9.6	8.6
2400	20.2	19.6	19.0	18.3	17.7	16.7	15.8	14.8	13.8	12.8	12.0	11.2	10.4	9.4	8.4
2200	19.9	19.2	18.6	18.0	17.4	16.4	15.5	14.5	13.6	12.5	11.7	11.0	10.2	9.2	8.3
2000	19.5	18.9	18.2	17.6	17.0	16.1	15.2	14.2	13.3	12.2	11.5	10.7	10.0	9.0	8.1
1800	18.8	18.2	17.6	17.0	16.4	15.5	14.6	13.7	12.8	11.7	11.0	10.3	9.6	8.6	7.7
1600	18.0	17.5	16.9	16.3	15.7	14.9	14.0	13.1	12.2	11.3	10.6	9.8	9.1	8.2	7.3
1500	17.7	17.1	16.6	16.0	15.4	14.6	13.7	12.8	12.0	11.0	10.3	9.6	8.9	8.1	7.2
1400	17.3	16.8	16.2	15.7	15.1	14.3	13.4	12.6	11.7	10.8	10.1	9.4	8.7	7.9	7.0
1300	17.0	16.4	15.9	15.3	14.8	14.0	13.1	12.3	11.5	10.5	9.9	9.2	8.5	7.7	6.8
1200	16.6	16.1	15.5	15.0	14.5	13.7	12.8	12.0	11.2	10.3	9.6	9.0	8.3	7.5	6.6
1100	16.3	15.7	15.2	14.7	14.1	13.3	12.5	11.7	10.9	10.0	9.4	8.7	8.1	7.3	6.5
1000	15.9	15.4	14.9	14.3	13.8	13.0	12.3	11.5	10.7	9.8	9.2	8.5	7.9	7.1	6.3
900	15.2	14.7	14.2	13.7	13.2	12.4	11.7	10.9	10.2	9.3	8.7	8.1	7.5	6.7	5.9
800	14.6	14.1	13.6	13.2	12.7	11.9	11.2	10.5	9.7	8.9	8.3	7.7	7.2	6.4	5.7
700	13.8	13.4	12.9	12.5	12.0	11.3	10.6	9.9	9.2	8.4	7.8	7.3	6.7	6.0	5.3
600	13.1	12.6	12.2	11.7	11.3	10.6	10.0	9.3	8.6	7.9	7.4	6.8	6.3	5.6	4.9
500	11.9	11.5	11.1	10.7	10.3	9.6	9.0	8.4	7.8	7.1	6.6	6.1	5.6	5.0	4.4
450	11.3	10.9	10.5	10.1	9.7	9.1	8.6	8.0	7.4	6.7	6.2	5.8	5.3	4.7	4.1
400	10.7	10.3	9.9	9.6	9.2	8.6	8.1	7.5	7.0	6.3	5.9	5.4	5.0	4.4	3.9
350	9.9	9.5	9.2	8.8	8.5	7.9	7.4	6.9	6.4	5.8	5.4	5.0	4.5	4.0	3.5
300	9.1	8.7	8.4	8.1	7.8	7.3	6.8	6.3	5.8	5.3	4.9	4.5	4.1	3.6	3.2
250	7.6	7.4	7.1	6.8	6.5	6.1	5.7	5.3	4.8	4.4	4.0	3.7	3.4	3.0	2.6
200	6.2	6.0	5.8	5.5	5.3	4.9	4.6	4.2	3.9	3.5	3.2	2.9	2.7	2.3	2.0
150	4.5	4.3	4.1	3.9	3.8	3.5	3.2	3.0	2.7	2.4	2.2	2.0	1.8	1.6	1.3
100	3.4	3.2	3.1	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9
50	1.3	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 56
K = .7

(L) Unsheltered Distance In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	9.2	8.3	6.1	4.4	3.0	2.2	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
8000	9.2	8.3	6.1	4.4	3.0	2.2	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
6000	9.2	8.2	6.0	4.4	3.0	2.1	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
4000	8.5	7.7	5.6	4.1	2.7	2.0	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
3500	8.3	7.5	5.4	4.0	2.6	1.9	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
3000	8.1	7.3	5.3	3.9	2.5	1.8	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2800	8.0	7.1	5.2	3.8	2.5	1.8	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2600	7.8	7.0	5.1	3.7	2.4	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2400	7.6	6.8	4.9	3.6	2.3	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2200	7.5	6.7	4.8	3.5	2.3	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	7.3	6.5	4.7	3.4	2.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	6.9	6.2	4.5	3.2	2.1	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	6.6	5.9	4.2	3.0	2.0	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500	6.5	5.8	4.1	3.0	1.9	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	6.3	5.6	4.0	2.9	1.8	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	6.1	5.5	3.9	2.8	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	6.0	5.3	3.8	2.7	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	5.8	5.2	3.7	2.6	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	5.7	5.0	3.6	2.5	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	5.3	4.7	3.4	2.4	1.5	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	5.1	4.5	3.2	2.3	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	4.8	4.2	3.0	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	4.4	3.9	2.8	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	3.9	3.5	2.4	1.7	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	3.7	3.3	2.3	1.6	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	3.5	3.0	2.1	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	3.1	2.8	1.9	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	2.8	2.5	1.7	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	2.3	2.0	1.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	1.8	1.5	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	1.2	1.0	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.8	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 56
K = .8

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	26.9	26.1	25.3	24.5	23.7	22.5	21.3	20.1	18.9	17.5	16.5	15.5	14.5	13.2	12.0
8000	26.9	26.1	25.3	24.5	23.7	22.5	21.3	20.1	18.9	17.5	16.5	15.5	14.5	13.2	12.0
6000	26.9	26.1	25.3	24.5	23.7	22.5	21.3	20.1	18.9	17.5	16.5	15.5	14.5	13.2	12.0
4000	25.1	24.3	23.6	22.8	22.1	20.9	19.8	18.6	17.5	16.2	15.3	14.3	13.4	12.2	11.0
3500	24.6	23.9	23.2	22.4	21.7	20.5	19.4	18.3	17.2	15.9	15.0	14.0	13.1	11.9	10.8
3000	24.2	23.5	22.8	22.0	21.3	20.2	19.1	18.0	16.8	15.6	14.7	13.8	12.9	11.7	10.5
2800	23.9	23.2	22.5	21.7	21.0	19.9	18.8	17.7	16.6	15.4	14.5	13.6	12.7	11.5	10.4
2600	23.6	22.9	22.2	21.4	20.7	19.6	18.6	17.5	16.4	15.1	14.2	13.4	12.5	11.3	10.2
2400	23.3	22.6	21.9	21.2	20.4	19.4	18.3	17.2	16.1	14.9	14.0	13.2	12.3	11.2	10.0
2200	23.0	22.3	21.6	20.9	20.2	19.1	18.0	17.0	15.9	14.7	13.8	13.0	12.1	11.0	9.9
2000	22.7	22.0	21.3	20.6	19.9	18.8	17.8	16.7	15.7	14.5	13.6	12.8	11.9	10.8	9.7
1800	22.0	21.3	20.7	20.0	19.3	18.3	17.2	16.2	15.2	14.0	13.2	12.3	11.5	10.4	9.4
1600	21.4	20.7	20.0	19.4	18.7	17.7	16.7	15.7	14.7	13.6	12.7	11.9	11.1	10.1	9.0
1500	21.0	20.4	19.7	19.1	18.4	17.4	16.4	15.5	14.5	13.3	12.5	11.7	10.9	9.9	8.9
1400	20.7	20.1	19.4	18.8	18.1	17.2	16.2	15.2	14.2	13.1	12.3	11.5	10.7	9.7	8.7
1300	20.4	19.8	19.1	18.5	17.8	16.9	15.9	14.9	14.0	12.9	12.1	11.3	10.5	9.5	8.5
1200	20.1	19.4	18.8	18.2	17.6	16.6	15.6	14.7	13.7	12.7	11.9	11.1	10.3	9.4	8.4
1100	19.7	19.1	18.5	17.9	17.3	16.3	15.4	14.4	13.5	12.4	11.7	10.9	10.1	9.2	8.2
1000	19.4	18.8	18.2	17.6	16.9	16.0	15.1	14.2	13.2	12.2	11.4	10.7	9.9	9.0	8.0
900	18.6	18.0	17.4	16.8	16.2	15.3	14.5	13.6	12.7	11.6	10.9	10.2	9.5	8.6	7.6
800	17.8	17.3	16.7	16.1	15.5	14.7	13.8	12.9	12.1	11.1	10.4	9.7	9.0	8.1	7.2
700	16.7	16.2	15.6	15.1	14.5	13.7	12.9	12.1	11.3	10.3	9.7	9.0	8.4	7.5	6.7
600	15.6	15.1	14.6	14.1	13.6	12.8	12.0	11.2	10.5	9.6	9.0	8.3	7.7	6.9	6.1
500	14.3	13.9	13.4	12.9	12.4	11.7	11.0	10.3	9.6	8.7	8.2	7.6	7.0	6.3	5.6
450	13.8	13.4	12.9	12.4	12.0	11.3	10.6	9.9	9.2	8.4	7.8	7.3	6.7	6.0	5.3
400	13.3	12.8	12.4	11.9	11.5	10.8	10.1	9.5	8.8	8.0	7.5	7.0	6.4	5.7	5.0
350	12.4	12.0	11.6	11.2	10.8	10.1	9.5	8.8	8.2	7.5	7.0	6.5	6.0	5.3	4.7
300	11.6	11.2	10.8	10.4	10.0	9.4	8.8	8.2	7.6	6.9	6.4	6.0	5.5	4.9	4.3
250	10.2	9.8	9.5	9.1	8.8	8.2	7.7	7.1	6.6	6.0	5.6	5.1	4.7	4.2	3.6
200	8.8	8.5	8.1	7.8	7.5	7.0	6.6	6.1	5.6	5.1	4.7	4.3	4.0	3.5	3.0
150	6.3	6.1	5.8	5.6	5.4	5.0	4.6	4.3	3.9	3.5	3.3	3.0	2.7	2.4	2.0
100	4.5	4.3	4.1	4.0	3.8	3.5	3.3	3.0	2.7	2.4	2.2	2.0	1.8	1.6	1.3
50	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.7	0.6	0.5	0.3	0.1
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 56
K = .8

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	10.9	9.8	7.3	5.4	3.7	2.7	1.3	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
8000	10.9	9.8	7.3	5.4	3.7	2.7	1.3	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
6000	10.9	9.8	7.3	5.4	3.7	2.7	1.3	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
4000	10.0	9.0	6.6	4.9	3.3	2.4	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
3500	9.8	8.8	6.5	4.8	3.2	2.3	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
3000	9.6	8.6	6.3	4.6	3.1	2.3	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2800	9.4	8.4	6.2	4.6	3.0	2.2	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2600	9.2	8.3	6.1	4.5	3.0	2.2	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2400	9.1	8.2	6.0	4.4	2.9	2.1	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2200	8.9	8.0	5.9	4.3	2.9	2.1	1.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2000	8.8	7.9	5.8	4.2	2.8	2.0	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1800	8.5	7.6	5.5	4.0	2.7	1.9	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1600	8.2	7.3	5.3	3.9	2.6	1.8	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1500	8.0	7.2	5.2	3.8	2.5	1.8	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1400	7.9	7.0	5.1	3.7	2.4	1.8	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1300	7.7	6.9	5.0	3.6	2.4	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1200	7.6	6.8	4.9	3.5	2.3	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1100	7.4	6.6	4.8	3.5	2.3	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	7.2	6.5	4.7	3.4	2.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	6.9	6.1	4.4	3.2	2.1	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	6.5	5.8	4.2	3.0	1.9	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	6.0	5.4	3.8	2.7	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	5.5	4.9	3.5	2.5	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	5.0	4.4	3.1	2.2	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	4.7	4.2	3.0	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	4.5	4.0	2.8	2.0	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	4.2	3.7	2.6	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	3.8	3.4	2.3	1.6	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	3.2	2.9	2.0	1.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	2.7	2.4	1.6	1.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	1.8	1.6	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 56
K = .9

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	30.2	29.4	28.5	27.6	26.7	25.4	24.1	22.7	21.4	19.9	18.8	17.7	16.6	15.2	13.8
8000	30.2	29.4	28.5	27.6	26.7	25.4	24.1	22.7	21.4	19.9	18.8	17.7	16.6	15.2	13.8
6000	30.2	29.4	28.5	27.6	26.7	25.4	24.1	22.7	21.4	19.9	18.8	17.7	16.6	15.2	13.8
4000	28.7	27.9	27.0	26.2	25.3	24.1	22.8	21.5	20.2	18.8	17.7	16.7	15.6	14.3	13.0
3500	28.1	27.2	26.4	25.6	24.8	23.5	22.3	21.0	19.8	18.3	17.3	16.3	15.2	13.9	12.6
3000	27.4	26.6	25.8	25.0	24.2	22.9	21.7	20.5	19.2	17.9	16.9	15.8	14.8	13.6	12.3
2800	27.0	26.2	25.4	24.6	23.8	22.6	21.4	20.2	19.0	17.6	16.6	15.6	14.6	13.3	12.1
2600	26.6	25.9	25.1	24.3	23.5	22.3	21.1	19.9	18.7	17.3	16.3	15.3	14.3	13.1	11.8
2400	26.3	25.5	24.7	23.9	23.1	21.9	20.8	19.6	18.4	17.0	16.1	15.1	14.1	12.9	11.6
2200	25.9	25.1	24.3	23.6	22.8	21.6	20.4	19.3	18.1	16.8	15.8	14.8	13.9	12.6	11.4
2000	25.5	24.7	24.0	23.2	22.4	21.3	20.1	19.0	17.8	16.5	15.5	14.6	13.6	12.4	11.2
1800	24.7	23.9	23.2	22.5	21.7	20.6	19.4	18.3	17.2	15.9	15.0	14.1	13.1	12.0	10.8
1600	24.1	23.3	22.6	21.9	21.1	20.0	18.9	17.8	16.7	15.5	14.6	13.7	12.7	11.6	10.5
1500	23.7	23.0	22.3	21.6	20.9	19.8	18.7	17.6	16.5	15.2	14.3	13.4	12.6	11.4	10.3
1400	23.4	22.7	22.0	21.3	20.6	19.5	18.4	17.3	16.2	15.0	14.1	13.2	12.4	11.2	10.1
1300	23.1	22.4	21.7	21.0	20.3	19.2	18.1	17.1	16.0	14.8	13.9	13.0	12.2	11.1	10.0
1200	22.8	22.1	21.4	20.7	20.0	18.9	17.9	16.8	15.8	14.6	13.7	12.8	12.0	10.9	9.8
1100	22.5	21.8	21.1	20.4	19.7	18.7	17.6	16.6	15.5	14.3	13.5	12.6	11.8	10.7	9.6
1000	22.2	21.5	20.8	20.1	19.4	18.4	17.4	16.3	15.3	14.1	13.3	12.4	11.6	10.5	9.5
900	21.4	20.7	20.1	19.4	18.8	17.7	16.7	15.7	14.7	13.6	12.8	12.0	11.1	10.1	9.1
800	20.6	20.0	19.4	18.7	18.1	17.1	16.1	15.1	14.2	13.1	12.3	11.5	10.7	9.7	8.7
700	19.5	18.9	18.3	17.7	17.1	16.1	15.2	14.3	13.3	12.3	11.5	10.8	10.0	9.1	8.1
600	18.4	17.8	17.2	16.6	16.0	15.2	14.3	13.4	12.5	11.5	10.8	10.1	9.3	8.4	7.5
500	17.1	16.5	16.0	15.4	14.9	14.0	13.2	12.4	11.5	10.6	9.9	9.2	8.6	7.7	6.9
450	16.4	15.9	15.4	14.8	14.3	13.5	12.7	11.9	11.1	10.1	9.5	8.8	8.2	7.4	6.5
400	15.8	15.2	14.7	14.2	13.7	12.9	12.1	11.4	10.6	9.7	9.1	8.4	7.8	7.0	6.2
350	14.7	14.2	13.7	13.2	12.8	12.0	11.3	10.5	9.8	9.0	8.4	7.8	7.2	6.5	5.7
300	13.9	13.4	12.9	12.5	12.0	11.3	10.6	9.9	9.2	8.4	7.9	7.3	6.7	6.0	5.3
250	12.4	12.0	11.6	11.2	10.7	10.1	9.5	8.8	8.2	7.5	7.0	6.4	5.9	5.3	4.7
200	11.0	10.6	10.2	9.9	9.5	8.9	8.3	7.7	7.2	6.5	6.1	5.6	5.2	4.6	4.0
150	8.5	8.2	7.9	7.6	7.3	6.8	6.3	5.9	5.4	4.9	4.5	4.2	3.8	3.4	2.9
100	6.0	5.8	5.5	5.3	5.1	4.7	4.4	4.1	3.7	3.3	3.1	2.8	2.6	2.2	1.9
50	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.7	1.5	1.3	1.2	1.1	1.0	0.8	0.7
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 56
K = .9

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	12.6	11.4	8.5	6.4	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
8000	12.6	11.4	8.5	6.4	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
6000	12.6	11.4	8.5	6.4	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
4000	11.8	10.6	7.9	5.9	4.0	3.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
3500	11.5	10.3	7.7	5.7	3.9	2.9	1.4	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
3000	11.1	10.0	7.5	5.5	3.8	2.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2800	11.0	9.9	7.3	5.4	3.7	2.7	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2600	10.8	9.7	7.2	5.3	3.6	2.7	1.3	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2400	10.6	9.5	7.0	5.2	3.5	2.6	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2200	10.4	9.3	6.9	5.1	3.4	2.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2000	10.2	9.2	6.8	5.0	3.4	2.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1800	9.8	8.8	6.5	4.8	3.2	2.3	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1600	9.5	8.5	6.3	4.6	3.1	2.2	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1500	9.3	8.4	6.1	4.5	3.0	2.2	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1400	9.2	8.2	6.0	4.4	2.9	2.1	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1300	9.0	8.1	5.9	4.3	2.9	2.1	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1200	8.9	8.0	5.8	4.3	2.8	2.1	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1100	8.7	7.8	5.7	4.2	2.8	2.0	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1000	8.6	7.7	5.6	4.1	2.7	2.0	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
900	8.2	7.3	5.3	3.9	2.6	1.8	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
800	7.8	7.0	5.1	3.7	2.4	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
700	7.3	6.5	4.7	3.4	2.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	6.8	6.1	4.4	3.1	2.0	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	6.2	5.5	3.9	2.8	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	5.9	5.2	3.7	2.7	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	5.6	5.0	3.5	2.5	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	5.1	4.6	3.2	2.3	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	4.8	4.2	3.0	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	4.2	3.7	2.6	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	3.6	3.2	2.2	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	2.6	2.3	1.5	1.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	1.7	1.5	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 56
K = 1.0

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	33.6	32.6	31.7	30.7	29.8	28.3	26.9	25.5	24.0	22.4	21.2	20.0	18.8	17.3	15.7
8000	33.6	32.6	31.7	30.7	29.8	28.3	26.9	25.5	24.0	22.4	21.2	20.0	18.8	17.3	15.7
6000	33.6	32.6	31.7	30.7	29.8	28.3	26.9	25.5	24.0	22.4	21.2	20.0	18.8	17.3	15.7
4000	32.7	31.7	30.8	29.9	28.9	27.5	26.1	24.7	23.3	21.7	20.5	19.3	18.2	16.7	15.2
3500	32.2	31.2	30.3	29.4	28.5	27.1	25.7	24.3	22.9	21.3	20.1	19.0	17.8	16.4	14.9
3000	31.7	30.7	29.8	28.9	28.0	26.6	25.3	23.9	22.5	20.9	19.8	18.7	17.5	16.1	14.6
2800	31.3	30.4	29.5	28.6	27.7	26.4	25.0	23.6	22.3	20.7	19.6	18.4	17.3	15.9	14.4
2600	31.0	30.1	29.2	28.3	27.4	26.1	24.7	23.4	22.0	20.5	19.3	18.2	17.1	15.7	14.3
2400	30.7	29.8	28.9	28.0	27.1	25.8	24.4	23.1	21.8	20.2	19.1	18.0	16.9	15.5	14.1
2200	30.4	29.5	28.6	27.7	26.8	25.5	24.2	22.8	21.5	20.0	18.9	17.8	16.7	15.3	13.9
2000	30.0	29.2	28.3	27.4	26.5	25.2	23.9	22.6	21.3	19.8	18.7	17.6	16.5	15.1	13.7
1800	29.0	28.1	27.3	26.4	25.6	24.3	23.0	21.7	20.5	19.0	17.9	16.9	15.8	14.5	13.1
1600	27.9	27.1	26.3	25.5	24.7	23.4	22.2	20.9	19.7	18.2	17.2	16.2	15.2	13.9	12.6
1500	27.4	26.6	25.8	25.0	24.2	23.0	21.7	20.5	19.3	17.9	16.9	15.8	14.8	13.6	12.3
1400	26.9	26.1	25.3	24.5	23.7	22.5	21.3	20.1	18.9	17.5	16.5	15.5	14.5	13.2	12.0
1300	26.4	25.6	24.8	24.0	23.2	22.0	20.9	19.7	18.5	17.1	16.1	15.2	14.2	12.9	11.7
1200	25.9	25.1	24.3	23.5	22.8	21.6	20.4	19.2	18.1	16.7	15.8	14.8	13.9	12.6	11.4
1100	25.3	24.6	23.8	23.1	22.3	21.1	20.0	18.8	17.7	16.4	15.4	14.5	13.5	12.3	11.1
1000	24.9	24.1	23.4	22.6	21.9	20.7	19.6	18.5	17.3	16.0	15.1	14.2	13.3	12.1	10.9
900	24.3	23.6	22.8	22.1	21.4	20.3	19.1	18.0	16.9	15.6	14.7	13.8	12.9	11.7	10.6
800	23.8	23.0	22.3	21.6	20.9	19.8	18.7	17.6	16.5	15.2	14.4	13.5	12.6	11.4	10.3
700	22.6	21.9	21.2	20.5	19.9	18.8	17.7	16.7	15.6	14.5	13.6	12.7	11.9	10.8	9.7
600	21.5	20.8	20.2	19.5	18.8	17.8	16.8	15.8	14.8	13.7	12.8	12.0	11.2	10.2	9.1
500	20.2	19.6	18.9	18.3	17.7	16.7	15.7	14.8	13.8	12.7	12.0	11.2	10.4	9.4	8.4
450	19.5	18.9	18.3	17.7	17.1	16.1	15.2	14.3	13.3	12.3	11.5	10.8	10.0	9.0	8.1
400	18.8	18.2	17.6	17.0	16.4	15.5	14.6	13.7	12.8	11.8	11.1	10.3	9.6	8.7	7.7
350	17.6	17.1	16.5	15.9	15.4	14.5	13.7	12.8	11.9	11.0	10.3	9.6	8.9	8.0	7.1
300	16.4	15.9	15.4	14.8	14.3	13.5	12.7	11.9	11.1	10.2	9.5	8.9	8.2	7.4	6.6
250	14.7	14.2	13.7	13.2	12.7	12.0	11.3	10.5	9.8	9.0	8.4	7.8	7.2	6.5	5.7
200	13.4	12.9	12.5	12.0	11.6	10.9	10.2	9.5	8.8	8.1	7.5	7.0	6.5	5.8	5.1
150	10.9	10.6	10.2	9.8	9.4	8.8	8.3	7.7	7.1	6.5	6.0	5.6	5.1	4.6	4.0
100	8.6	8.3	7.9	7.6	7.3	6.9	6.4	5.9	5.5	4.9	4.6	4.2	3.9	3.4	2.9
50	3.7	3.6	3.4	3.3	3.1	2.9	2.7	2.5	2.2	2.0	1.8	1.7	1.5	1.3	1.1
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 56
K = 1.0

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	14.4	13.0	9.8	7.4	5.2	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
8000	14.4	13.0	9.8	7.4	5.2	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
6000	14.4	13.0	9.8	7.4	5.2	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
4000	13.9	12.5	9.4	7.1	4.9	3.7	1.9	1.3	0.9	0.6	0.3	0.0	0.0	0.0	0.0
3500	13.6	12.3	9.2	6.9	4.8	3.6	1.9	1.3	0.9	0.5	0.3	0.0	0.0	0.0	0.0
3000	13.3	12.1	9.1	6.8	4.7	3.5	1.8	1.2	0.9	0.5	0.3	0.0	0.0	0.0	0.0
2800	13.2	11.9	8.9	6.7	4.6	3.5	1.8	1.2	0.8	0.5	0.3	0.0	0.0	0.0	0.0
2600	13.0	11.7	8.8	6.6	4.6	3.4	1.7	1.2	0.8	0.5	0.3	0.0	0.0	0.0	0.0
2400	12.8	11.6	8.7	6.5	4.5	3.4	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
2200	12.7	11.4	8.6	6.4	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
2000	12.5	11.3	8.4	6.3	4.3	3.2	1.6	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
1800	12.0	10.8	8.0	6.0	4.1	3.1	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1600	11.4	10.3	7.7	5.7	3.9	2.9	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1500	11.2	10.1	7.5	5.5	3.8	2.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1400	10.9	9.8	7.3	5.4	3.7	2.7	1.3	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1300	10.6	9.6	7.1	5.2	3.5	2.6	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1200	10.4	9.3	6.9	5.1	3.4	2.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1100	10.1	9.1	6.7	4.9	3.3	2.4	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1000	9.9	8.9	6.5	4.8	3.2	2.4	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
900	9.6	8.6	6.3	4.7	3.1	2.3	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
800	9.3	8.4	6.1	4.5	3.0	2.2	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
700	8.8	7.9	5.8	4.2	2.8	2.0	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
600	8.2	7.4	5.4	3.9	2.6	1.9	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
500	7.6	6.8	4.9	3.6	2.3	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
450	7.3	6.5	4.7	3.4	2.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	7.0	6.2	4.5	3.2	2.1	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	6.4	5.7	4.1	2.9	1.9	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	5.9	5.3	3.7	2.7	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	5.1	4.6	3.2	2.3	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	4.5	4.0	2.8	2.0	1.2	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	3.5	3.1	2.2	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	2.6	2.3	1.6	1.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 86
K = .5

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	25.8	25.0	24.3	23.5	22.7	21.5	20.4	19.2	18.0	16.7	15.7	14.8	13.8	12.6	11.4
8000	25.8	25.0	24.3	23.5	22.7	21.5	20.4	19.2	18.0	16.7	15.7	14.8	13.8	12.6	11.4
6000	25.8	25.0	24.3	23.5	22.7	21.5	20.4	19.2	18.0	16.7	15.7	14.8	13.8	12.6	11.4
4000	24.3	23.6	22.9	22.1	21.4	20.3	19.2	18.0	16.9	15.7	14.7	13.8	12.9	11.8	10.6
3500	23.9	23.2	22.5	21.7	21.0	19.9	18.8	17.7	16.6	15.4	14.5	13.6	12.7	11.5	10.4
3000	23.5	22.8	22.1	21.3	20.6	19.5	18.5	17.4	16.3	15.1	14.2	13.3	12.4	11.3	10.2
2800	23.2	22.5	21.7	21.0	20.3	19.3	18.2	17.1	16.0	14.8	13.9	13.1	12.2	11.1	10.0
2600	22.8	22.1	21.4	20.7	20.0	19.0	17.9	16.8	15.8	14.6	13.7	12.9	12.0	10.9	9.8
2400	22.5	21.8	21.1	20.4	19.7	18.7	17.6	16.6	15.5	14.3	13.5	12.6	11.8	10.7	9.6
2200	22.1	21.5	20.8	20.1	19.4	18.4	17.4	16.3	15.3	14.1	13.3	12.4	11.6	10.5	9.4
2000	21.8	21.1	20.5	19.8	19.1	18.1	17.1	16.1	15.0	13.9	13.0	12.2	11.4	10.3	9.3
1800	21.2	20.5	19.8	19.2	18.5	17.5	16.5	15.5	14.5	13.4	12.6	11.8	11.0	10.0	8.9
1600	20.5	19.9	19.2	18.6	17.9	17.0	16.0	15.0	14.1	13.0	12.2	11.4	10.6	9.6	8.6
1500	20.2	19.5	18.9	18.3	17.6	16.7	15.7	14.8	13.8	12.7	12.0	11.2	10.4	9.4	8.4
1400	19.8	19.2	18.6	18.0	17.3	16.4	15.5	14.5	13.6	12.5	11.7	11.0	10.2	9.2	8.3
1300	19.5	18.9	18.3	17.7	17.0	16.1	15.2	14.2	13.3	12.3	11.5	10.7	10.0	9.0	8.1
1200	19.2	18.6	17.9	17.3	16.7	15.8	14.9	14.0	13.1	12.0	11.3	10.5	9.8	8.8	7.9
1100	18.8	18.2	17.6	17.0	16.4	15.5	14.6	13.7	12.8	11.8	11.1	10.3	9.6	8.7	7.7
1000	18.5	17.9	17.3	16.7	16.1	15.2	14.3	13.5	12.6	11.6	10.8	10.1	9.4	8.5	7.6
900	17.7	17.1	16.6	16.0	15.4	14.6	13.7	12.8	12.0	11.0	10.3	9.6	8.9	8.1	7.2
800	16.9	16.4	15.8	15.3	14.7	13.9	13.1	12.2	11.4	10.5	9.8	9.1	8.5	7.6	6.8
700	15.8	15.3	14.8	14.3	13.7	13.0	12.2	11.4	10.6	9.7	9.1	8.5	7.8	7.0	6.3
600	14.8	14.3	13.8	13.3	12.8	12.1	11.4	10.6	9.9	9.0	8.5	7.9	7.3	6.5	5.8
500	13.7	13.2	12.8	12.3	11.8	11.2	10.5	9.8	9.1	8.3	7.7	7.2	6.6	5.9	5.2
450	13.1	12.7	12.2	11.8	11.3	10.7	10.0	9.3	8.7	7.9	7.4	6.9	6.3	5.6	5.0
400	12.6	12.1	11.7	11.3	10.9	10.2	9.6	8.9	8.3	7.5	7.0	6.5	6.0	5.4	4.7
350	11.7	11.3	10.9	10.5	10.1	9.5	8.9	8.3	7.7	7.0	6.5	6.0	5.6	4.9	4.3
300	10.9	10.5	10.1	9.8	9.4	8.8	8.2	7.7	7.1	6.4	6.0	5.5	5.1	4.5	4.0
250	9.5	9.1	8.8	8.5	8.1	7.6	7.1	6.6	6.1	5.5	5.1	4.7	4.3	3.8	3.3
200	8.1	7.8	7.5	7.2	6.9	6.5	6.0	5.6	5.1	4.6	4.3	3.9	3.6	3.2	2.7
150	5.6	5.4	5.2	5.0	4.8	4.4	4.1	3.8	3.5	3.1	2.9	2.6	2.4	2.1	1.8
100	4.2	4.0	3.9	3.7	3.5	3.3	3.0	2.8	2.5	2.3	2.1	1.9	1.7	1.5	1.2
50	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.4	0.3	0.1
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 86
K = .5

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	10.3	9.3	6.9	5.1	3.4	2.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
8000	10.3	9.3	6.9	5.1	3.4	2.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
6000	10.3	9.3	6.9	5.1	3.4	2.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
4000	9.6	8.6	6.3	4.7	3.1	2.3	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
3500	9.4	8.4	6.2	4.5	3.0	2.2	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
3000	9.2	8.3	6.1	4.4	3.0	2.2	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2800	9.0	8.1	5.9	4.3	2.9	2.1	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2600	8.9	8.0	5.8	4.3	2.8	2.1	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2400	8.7	7.8	5.7	4.2	2.8	2.0	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2200	8.5	7.7	5.6	4.1	2.7	2.0	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2000	8.4	7.5	5.5	4.0	2.6	1.9	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1800	8.1	7.2	5.3	3.8	2.5	1.8	0.9	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1600	7.8	6.9	5.0	3.7	2.4	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1500	7.6	6.8	4.9	3.6	2.3	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1400	7.4	6.7	4.8	3.5	2.3	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300	7.3	6.5	4.7	3.4	2.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	7.1	6.4	4.6	3.3	2.2	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	7.0	6.2	4.5	3.2	2.1	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	6.8	6.1	4.4	3.2	2.0	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	6.5	5.8	4.1	3.0	1.9	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	6.1	5.4	3.9	2.8	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	5.6	5.0	3.6	2.5	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	5.2	4.6	3.3	2.3	1.4	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	4.7	4.2	2.9	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	4.4	3.9	2.8	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	4.2	3.7	2.6	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	3.9	3.4	2.4	1.7	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	3.5	3.1	2.2	1.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	3.0	2.6	1.8	1.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	2.4	2.1	1.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	1.6	1.4	0.9	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	1.1	0.9	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 86
K = .6

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	31.0	30.1	29.2	28.3	27.4	26.0	24.7	23.3	22.0	20.4	19.3	18.2	17.1	15.7	14.2
8000	31.0	30.1	29.2	28.3	27.4	26.0	24.7	23.3	22.0	20.4	19.3	18.2	17.1	15.7	14.2
6000	31.0	30.1	29.2	28.3	27.4	26.0	24.7	23.3	22.0	20.4	19.3	18.2	17.1	15.7	14.2
4000	29.7	28.8	27.9	27.1	26.2	24.9	23.6	22.3	21.0	19.5	18.4	17.3	16.2	14.9	13.5
3500	29.0	28.2	27.3	26.5	25.6	24.3	23.1	21.8	20.5	19.0	18.0	16.9	15.8	14.5	13.2
3000	28.4	27.6	26.7	25.9	25.1	23.8	22.5	21.3	20.0	18.6	17.5	16.5	15.4	14.1	12.8
2800	28.0	27.2	26.4	25.5	24.7	23.5	22.2	21.0	19.7	18.3	17.3	16.2	15.2	13.9	12.6
2600	27.6	26.8	26.0	25.2	24.4	23.1	21.9	20.7	19.4	18.0	17.0	16.0	15.0	13.7	12.4
2400	27.2	26.4	25.6	24.8	24.0	22.8	21.6	20.3	19.1	17.7	16.7	15.7	14.7	13.4	12.2
2200	26.8	26.1	25.3	24.5	23.7	22.5	21.2	20.0	18.8	17.5	16.5	15.5	14.5	13.2	12.0
2000	26.5	25.7	24.9	24.1	23.3	22.1	20.9	19.7	18.5	17.2	16.2	15.2	14.2	13.0	11.7
1800	25.5	24.7	23.9	23.2	22.4	21.3	20.1	18.9	17.8	16.5	15.5	14.6	13.6	12.4	11.2
1600	24.7	23.9	23.2	22.4	21.7	20.6	19.4	18.3	17.2	15.9	15.0	14.0	13.1	12.0	10.8
1500	24.3	23.6	22.9	22.1	21.4	20.3	19.2	18.1	16.9	15.7	14.8	13.8	12.9	11.8	10.6
1400	24.0	23.3	22.6	21.8	21.1	20.0	19.9	17.8	16.7	15.4	14.5	13.6	12.7	11.6	10.4
1300	23.7	23.0	22.3	21.5	20.8	19.7	18.6	17.5	16.5	15.2	14.3	13.4	12.5	11.4	10.3
1200	23.4	22.7	22.0	21.3	20.5	19.5	18.4	17.3	16.2	15.0	14.1	13.2	12.3	11.2	10.1
1100	23.1	22.4	21.7	21.0	20.3	19.2	18.1	17.0	16.0	14.8	13.9	13.0	12.1	11.0	9.9
1000	22.8	22.1	21.4	20.7	20.0	18.9	17.9	16.8	15.7	14.5	13.7	12.8	12.0	10.9	9.8
900	22.0	21.4	20.7	20.0	19.3	18.3	17.3	16.2	15.2	14.0	13.2	12.4	11.5	10.4	9.4
800	21.3	20.6	20.0	19.3	18.7	17.7	16.7	15.7	14.7	13.5	12.7	11.9	11.1	10.0	9.0
700	20.2	19.6	18.9	18.3	17.7	16.7	15.8	14.8	13.8	12.8	12.0	11.2	10.4	9.4	8.4
600	19.1	18.5	17.9	17.3	16.7	15.7	14.8	13.9	13.0	12.0	11.2	10.5	9.7	8.8	7.9
500	17.7	17.2	16.6	16.0	15.5	14.6	13.7	12.9	12.0	11.0	10.4	9.7	9.0	8.1	7.2
450	17.1	16.5	16.0	15.4	14.9	14.0	13.2	12.4	11.5	10.6	9.9	9.2	8.6	7.7	6.9
400	16.4	15.9	15.4	14.8	14.3	13.5	12.7	11.9	11.1	10.1	9.5	8.8	8.2	7.4	6.5
350	15.2	14.7	14.2	13.7	13.2	12.5	11.7	10.9	10.2	9.3	8.7	8.1	7.5	6.7	6.0
300	14.3	13.8	13.4	12.9	12.4	11.7	11.0	10.3	9.5	8.7	8.1	7.6	7.0	6.3	5.5
250	12.9	12.5	12.0	11.6	11.2	10.5	9.8	9.2	8.5	7.8	7.3	6.7	6.2	5.5	4.9
200	11.5	11.1	10.7	10.3	9.9	9.3	8.7	8.1	7.5	6.8	6.4	5.9	5.4	4.8	4.2
150	9.0	8.7	8.4	8.0	7.7	7.2	6.7	6.3	5.8	5.2	4.8	4.5	4.1	3.6	3.1
100	6.5	6.3	6.1	5.8	5.6	5.2	4.8	4.5	4.1	3.7	3.4	3.1	2.8	2.5	2.1
50	2.9	2.7	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.3	1.2	1.1	0.9	0.8
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 86
K = .6

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	13.0	11.7	8.8	6.6	4.6	3.4	1.7	1.2	0.8	0.5	0.3	0.0	0.0	0.0	0.0
8000	13.0	11.7	8.8	6.6	4.6	3.4	1.7	1.2	0.8	0.5	0.3	0.0	0.0	0.0	0.0
6000	13.0	11.7	8.8	6.6	4.6	3.4	1.7	1.2	0.8	0.5	0.3	0.0	0.0	0.0	0.0
4000	12.3	11.1	8.3	6.2	4.3	3.2	1.6	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
3500	12.0	10.8	8.1	6.0	4.1	3.1	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
3000	11.6	10.5	7.8	5.8	4.0	3.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2800	11.4	10.3	7.7	5.7	3.9	2.9	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2600	11.3	10.1	7.5	5.6	3.8	2.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2400	11.1	10.0	7.4	5.5	3.7	2.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2200	10.9	9.8	7.2	5.4	3.6	2.7	1.3	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2000	10.7	9.6	7.1	5.3	3.6	2.6	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1800	10.2	9.2	6.8	5.0	3.4	2.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1600	9.8	8.8	6.5	4.8	3.2	2.3	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1500	9.6	8.6	6.4	4.7	3.1	2.3	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1400	9.5	8.5	6.2	4.6	3.1	2.2	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1300	9.3	8.4	6.1	4.5	3.0	2.2	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1200	9.1	8.2	6.0	4.4	2.9	2.1	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1100	9.0	8.1	5.9	4.3	2.9	2.1	1.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1000	8.8	7.9	5.8	4.2	2.8	2.0	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
900	8.5	7.6	5.6	4.0	2.7	1.9	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
800	8.1	7.3	5.3	3.9	2.5	1.8	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
700	7.6	6.8	4.9	3.6	2.3	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
600	7.1	6.3	4.6	3.3	2.1	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	6.5	5.8	4.1	3.0	1.9	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450	6.2	5.5	3.9	2.8	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	5.9	5.2	3.7	2.7	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	5.4	4.8	3.4	2.4	1.5	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	5.0	4.4	3.1	2.2	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	4.4	3.9	2.7	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	3.8	3.3	2.3	1.6	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	2.8	2.5	1.7	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	1.9	1.6	1.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 86
K = .7

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	36.1	35.1	34.1	33.1	32.1	30.6	29.0	27.5	26.0	24.2	22.9	21.7	20.4	18.8	17.2
8000	36.1	35.1	34.1	33.1	32.1	30.6	29.0	27.5	26.0	24.2	22.9	21.7	20.4	18.8	17.2
6000	36.1	35.1	34.1	33.1	32.1	30.6	29.0	27.5	26.0	24.2	22.9	21.7	20.4	18.8	17.2
4000	35.3	34.3	33.3	32.3	31.4	29.9	28.3	26.8	25.3	23.6	22.4	21.1	19.9	18.3	16.7
3500	34.8	33.8	32.8	31.9	30.9	29.4	27.9	26.4	24.9	23.2	22.0	20.8	19.6	18.0	16.4
3000	34.3	33.4	32.4	31.4	30.5	29.0	27.5	26.0	24.6	22.9	21.7	20.5	19.2	17.7	16.2
2800	34.0	33.1	32.1	31.1	30.2	28.7	27.2	25.8	24.3	22.7	21.5	20.2	19.0	17.5	16.0
2600	33.7	32.7	31.8	30.8	29.9	28.4	27.0	25.5	24.1	22.4	21.2	20.0	18.8	17.3	15.8
2400	33.4	32.4	31.5	30.5	29.6	28.1	26.7	25.3	23.8	22.2	21.0	19.8	18.6	17.1	15.6
2200	33.0	32.1	31.2	30.2	29.3	27.9	26.4	25.0	23.6	22.0	20.8	19.6	18.4	16.9	15.4
2000	32.7	31.8	30.9	29.9	29.0	27.6	26.2	24.7	23.3	21.7	20.5	19.4	18.2	16.7	15.2
1800	31.8	30.9	30.0	29.1	28.2	26.8	25.4	24.0	22.6	21.0	19.9	18.8	17.6	16.2	14.7
1600	30.9	30.0	29.1	28.2	27.3	26.0	24.6	23.3	21.9	20.4	19.3	18.1	17.0	15.6	14.2
1500	30.4	29.5	28.7	27.8	26.9	25.6	24.2	22.9	21.6	20.0	18.9	17.8	16.7	15.3	13.9
1400	30.0	29.1	28.2	27.4	26.5	25.2	23.8	22.5	21.2	19.7	18.6	17.5	16.4	15.1	13.7
1300	29.4	28.6	27.7	26.8	26.0	24.7	23.4	22.1	20.8	19.3	18.2	17.2	16.1	14.7	13.4
1200	28.9	28.0	27.2	26.3	25.5	24.2	22.9	21.7	20.4	18.9	17.9	16.8	15.7	14.4	13.1
1100	28.3	27.5	26.7	25.8	25.0	23.7	22.5	21.2	20.0	18.5	17.5	16.4	15.4	14.1	12.8
1000	27.8	27.0	26.1	25.3	24.5	23.3	22.0	20.8	19.5	18.1	17.1	16.1	15.1	13.8	12.5
900	27.1	26.3	25.5	24.7	23.9	22.7	21.5	20.3	19.0	17.7	16.7	15.7	14.7	13.4	12.1
800	26.5	25.7	24.9	24.1	23.3	22.1	20.9	19.7	18.6	17.2	16.2	15.2	14.2	13.0	11.8
700	24.8	24.1	23.3	22.6	21.8	20.7	19.6	18.4	17.3	16.0	15.1	14.1	13.2	12.0	10.9
600	23.7	23.0	22.2	21.5	20.8	19.7	18.6	17.5	16.4	15.2	14.3	13.4	12.5	11.4	10.3
500	22.3	21.6	21.0	20.3	19.6	18.5	17.5	16.5	15.4	14.2	13.4	12.5	11.7	10.6	9.5
450	21.7	21.0	20.3	19.6	19.0	18.0	16.9	15.9	14.9	13.8	12.9	12.1	11.3	10.2	9.2
400	21.0	20.3	19.7	19.0	18.4	17.4	16.4	15.4	14.4	13.3	12.5	11.7	10.9	9.9	8.8
350	19.8	19.2	18.6	18.0	17.3	16.4	15.4	14.5	13.6	12.5	11.7	11.0	10.2	9.2	8.2
300	18.6	18.0	17.4	16.9	16.3	15.4	14.5	13.6	12.7	11.7	10.9	10.2	9.5	8.6	7.6
250	16.8	16.3	15.7	15.2	14.7	13.8	13.0	12.2	11.4	10.4	9.8	9.1	8.4	7.6	6.7
200	15.0	14.5	14.0	13.6	13.1	12.3	11.6	10.8	10.1	9.2	8.6	8.0	7.4	6.6	5.9
150	12.7	12.3	11.9	11.4	11.0	10.3	9.7	9.0	8.4	7.7	7.1	6.6	6.1	5.4	4.8
100	10.4	10.0	9.7	9.3	9.0	8.4	7.9	7.3	6.8	6.1	5.7	5.3	4.8	4.3	3.7
50	4.6	4.4	4.2	4.0	3.8	3.6	3.3	3.0	2.8	2.5	2.3	2.1	1.9	1.6	1.4
10	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 86
K = .7

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	15.7	14.3	10.8	8.2	5.8	4.4	2.3	1.6	1.1	0.7	0.4	0.0	0.0	0.0	0.0
8000	15.7	14.3	10.8	8.2	5.8	4.4	2.3	1.6	1.1	0.7	0.4	0.0	0.0	0.0	0.0
6000	15.7	14.3	10.8	8.2	5.8	4.4	2.3	1.6	1.1	0.7	0.4	0.0	0.0	0.0	0.0
4000	15.3	13.9	10.5	7.9	5.6	4.2	2.2	1.5	1.1	0.7	0.3	0.0	0.0	0.0	0.0
3500	15.0	13.6	10.3	7.8	5.5	4.1	2.2	1.5	1.1	0.7	0.3	0.0	0.0	0.0	0.0
3000	14.8	13.4	10.1	7.6	5.3	4.0	2.1	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
2800	14.6	13.2	10.0	7.5	5.3	4.0	2.1	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
2600	14.4	13.0	9.8	7.4	5.2	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
2400	14.2	12.9	9.7	7.3	5.1	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
2200	14.1	12.7	9.6	7.2	5.0	3.8	2.0	1.3	0.9	0.6	0.3	0.0	0.0	0.0	0.0
2000	13.9	12.6	9.5	7.1	5.0	3.7	1.9	1.3	0.9	0.6	0.3	0.0	0.0	0.0	0.0
1800	13.4	12.1	9.1	6.8	4.7	3.6	1.8	1.2	0.9	0.5	0.3	0.0	0.0	0.0	0.0
1600	12.9	11.7	8.8	6.6	4.5	3.4	1.7	1.2	0.8	0.5	0.3	0.0	0.0	0.0	0.0
1500	12.7	11.5	8.6	6.4	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
1400	12.5	11.2	8.4	6.3	4.3	3.2	1.6	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
1300	12.2	11.0	8.2	6.1	4.2	3.1	1.6	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1200	11.9	10.7	8.0	6.0	4.1	3.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1100	11.6	10.5	7.8	5.8	4.0	2.9	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1000	11.3	10.2	7.6	5.6	3.8	2.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
900	11.0	9.9	7.4	5.4	3.7	2.7	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
800	10.7	9.6	7.1	5.3	3.6	2.6	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
700	9.8	8.9	6.5	4.8	3.2	2.4	1.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
600	9.3	8.3	6.1	4.5	3.0	2.2	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
500	8.6	7.7	5.7	4.1	2.7	2.0	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
450	8.3	7.4	5.4	3.9	2.6	1.9	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
400	8.0	7.2	5.2	3.8	2.5	1.8	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
350	7.4	6.7	4.8	3.5	2.3	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	6.9	6.2	4.4	3.2	2.1	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250	6.1	5.4	3.9	2.8	1.8	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	5.3	4.7	3.3	2.4	1.5	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	4.3	3.8	2.7	1.9	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	3.3	2.9	2.0	1.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 86
K = .8

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	41.3	40.2	39.0	37.9	36.8	35.1	33.4	31.7	30.0	28.1	26.7	25.2	23.8	22.0	20.3
8000	41.3	40.2	39.0	37.9	36.8	35.1	33.4	31.7	30.0	28.1	26.7	25.2	23.8	22.0	20.3
6000	41.3	40.2	39.0	37.9	36.8	35.1	33.4	31.7	30.0	28.1	26.7	25.2	23.8	22.0	20.3
4000	39.6	38.5	37.4	36.3	35.2	33.6	31.9	30.3	28.7	26.8	25.4	24.1	22.7	21.0	19.2
3500	39.1	38.0	36.9	35.9	34.8	33.2	31.5	29.9	28.3	26.4	25.1	23.7	22.4	20.7	18.9
3000	38.6	37.6	36.5	35.4	34.4	32.7	31.1	29.5	27.9	26.1	24.7	23.4	22.1	20.4	18.7
2800	38.3	37.3	36.2	35.1	34.1	32.5	30.9	29.3	27.7	25.9	24.5	23.2	21.9	20.2	18.5
2600	38.0	37.0	35.9	34.9	33.8	32.2	30.6	29.0	27.5	25.6	24.3	23.0	21.7	20.0	18.3
2400	37.7	36.7	35.6	34.6	33.6	32.0	30.4	28.8	27.2	25.4	24.1	22.8	21.5	19.8	18.1
2200	37.4	36.4	35.4	34.3	33.3	31.7	30.1	28.6	27.0	25.2	23.9	22.6	21.3	19.6	18.0
2000	37.2	36.1	35.1	34.1	33.0	31.5	29.9	28.3	26.8	25.0	23.7	22.4	21.1	19.4	17.8
1800	36.2	35.2	34.2	33.2	32.2	30.6	29.1	27.6	26.0	24.3	23.0	21.7	20.5	18.9	17.2
1600	35.2	34.3	33.3	32.3	31.3	29.8	28.3	26.8	25.3	23.6	22.3	21.1	19.8	18.3	16.7
1500	34.8	33.8	32.8	31.9	30.9	29.4	27.9	26.4	24.9	23.2	22.0	20.8	19.6	18.0	16.4
1400	34.4	33.4	32.4	31.5	30.5	29.0	27.6	26.1	24.6	22.9	21.7	20.5	19.3	17.7	16.2
1300	34.0	33.0	32.1	31.1	30.1	28.7	27.2	25.8	24.3	22.6	21.4	20.2	19.0	17.5	16.0
1200	33.6	32.6	31.7	30.7	29.8	28.3	26.9	25.4	24.0	22.3	21.1	19.9	18.8	17.2	15.7
1100	33.2	32.2	31.3	30.3	29.4	27.9	26.5	25.1	23.7	22.0	20.8	19.7	18.5	17.0	15.5
1000	32.7	31.8	30.9	29.9	29.0	27.6	26.2	24.8	23.3	21.7	20.6	19.4	18.2	16.7	15.2
900	32.1	31.2	30.3	29.4	28.5	27.1	25.7	24.3	22.9	21.3	20.1	19.0	17.8	16.4	14.9
800	31.5	30.6	29.7	28.8	27.9	26.5	25.2	23.8	22.4	20.9	19.7	18.6	17.4	16.0	14.6
700	30.4	29.5	28.7	27.8	26.9	25.6	24.2	22.9	21.5	20.0	18.9	17.8	16.7	15.3	13.9
600	29.1	28.3	27.4	26.6	25.7	24.4	23.2	21.9	20.6	19.1	18.0	17.0	15.9	14.6	13.2
500	27.1	26.3	25.5	24.7	23.9	22.7	21.5	20.3	19.0	17.6	16.6	15.6	14.6	13.4	12.1
450	26.1	25.3	24.5	23.8	23.0	21.8	20.6	19.4	18.3	16.9	16.0	15.0	14.0	12.8	11.6
400	25.1	24.3	23.6	22.8	22.1	20.9	19.8	18.6	17.5	16.2	15.3	14.3	13.4	12.2	11.0
350	24.1	23.3	22.6	21.9	21.1	20.0	18.9	17.8	16.7	15.5	14.6	13.6	12.7	11.6	10.4
300	23.0	22.3	21.6	20.9	20.2	19.2	18.1	17.0	16.0	14.7	13.9	13.0	12.1	11.0	9.9
250	21.2	20.5	19.9	19.2	18.6	17.6	16.6	15.6	14.6	13.4	12.6	11.8	11.0	10.0	8.9
200	19.3	18.7	18.1	17.5	16.9	15.9	15.0	14.1	13.2	12.1	11.4	10.6	9.9	8.9	8.0
150	16.2	15.7	15.2	14.6	14.1	13.3	12.5	11.7	10.9	10.0	9.4	8.7	8.1	7.3	6.5
100	13.7	13.3	12.8	12.3	11.9	11.2	10.5	9.8	9.1	8.3	7.8	7.2	6.7	6.0	5.2
50	7.6	7.3	7.0	6.7	6.4	6.0	5.6	5.2	4.8	4.3	4.0	3.7	3.3	2.9	2.5
10	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 86
K = .8

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	18.6	16.9	12.9	9.9	7.1	5.5	3.0	2.1	1.5	1.0	0.8	0.3	0.0	0.0	0.0
8000	18.6	16.9	12.9	9.9	7.1	5.5	3.0	2.1	1.5	1.0	0.8	0.3	0.0	0.0	0.0
6000	18.6	16.9	12.9	9.9	7.1	5.5	3.0	2.1	1.5	1.0	0.8	0.3	0.0	0.0	0.0
4000	17.6	16.0	12.2	9.3	6.7	5.1	2.7	1.9	1.4	0.9	0.7	0.3	0.0	0.0	0.0
3500	17.3	15.8	12.0	9.2	6.5	5.0	2.7	1.8	1.3	0.9	0.7	0.2	0.0	0.0	0.0
3000	17.1	15.5	11.8	9.0	6.4	4.9	2.6	1.8	1.3	0.8	0.7	0.2	0.0	0.0	0.0
2800	16.9	15.4	11.7	8.9	6.3	4.9	2.6	1.8	1.3	0.8	0.6	0.2	0.0	0.0	0.0
2600	16.8	15.2	11.6	8.8	6.3	4.8	2.6	1.8	1.3	0.8	0.4	0.0	0.0	0.0	0.0
2400	16.6	15.1	11.5	8.7	6.2	4.7	2.5	1.7	1.2	0.8	0.4	0.0	0.0	0.0	0.0
2200	16.4	14.9	11.4	8.6	6.1	4.7	2.5	1.7	1.2	0.8	0.4	0.0	0.0	0.0	0.0
2000	16.3	14.8	11.2	8.5	6.0	4.6	2.4	1.7	1.2	0.8	0.4	0.0	0.0	0.0	0.0
1800	15.8	14.3	10.8	8.2	5.8	4.4	2.3	1.6	1.1	0.7	0.4	0.0	0.0	0.0	0.0
1600	15.2	13.8	10.5	7.9	5.6	4.2	2.2	1.5	1.1	0.7	0.3	0.0	0.0	0.0	0.0
1500	15.0	13.6	10.3	7.8	5.5	4.1	2.2	1.5	1.1	0.7	0.3	0.0	0.0	0.0	0.0
1400	14.8	13.4	10.1	7.6	5.4	4.1	2.1	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
1300	14.6	13.2	10.0	7.5	5.3	4.0	2.1	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
1200	14.3	13.0	9.8	7.4	5.2	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
1100	14.1	12.8	9.6	7.3	5.1	3.8	2.0	1.3	1.0	0.6	0.3	0.0	0.0	0.0	0.0
1000	13.9	12.6	9.5	7.1	5.0	3.7	1.9	1.3	0.9	0.6	0.3	0.0	0.0	0.0	0.0
900	13.6	12.3	9.2	6.9	4.8	3.6	1.9	1.3	0.9	0.5	0.3	0.0	0.0	0.0	0.0
800	13.3	12.0	9.0	6.8	4.7	3.5	1.8	1.2	0.9	0.5	0.3	0.0	0.0	0.0	0.0
700	12.7	11.5	8.6	6.4	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
600	12.0	10.9	8.1	6.0	4.1	3.1	1.6	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500	11.0	9.9	7.3	5.4	3.7	2.7	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
450	10.5	9.4	7.0	5.2	3.5	2.6	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
400	10.0	9.0	6.6	4.9	3.3	2.4	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
350	9.5	8.5	6.3	4.6	3.1	2.2	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
300	9.0	8.1	5.9	4.3	2.9	2.1	1.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
250	8.1	7.2	5.3	3.8	2.5	1.8	0.9	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
200	7.2	6.4	4.6	3.4	2.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	5.8	5.2	3.7	2.6	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	4.7	4.2	2.9	2.1	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	2.2	2.0	1.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 86
K = .9

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	46.4	45.2	44.0	42.8	41.5	39.7	37.8	35.9	34.1	32.0	30.4	28.9	27.3	25.4	23.4
8000	46.4	45.2	44.0	42.8	41.5	39.7	37.8	35.9	34.1	32.0	30.4	28.9	27.3	25.4	23.4
6000	46.4	45.2	44.0	42.8	41.5	39.7	37.8	35.9	34.1	32.0	30.4	28.9	27.3	25.4	23.4
4000	45.9	44.7	43.5	42.3	41.1	39.2	37.4	35.5	33.7	31.6	30.1	28.5	27.0	25.0	23.1
3500	45.5	44.3	43.1	41.9	40.7	38.8	37.0	35.2	33.3	31.3	29.7	28.2	26.7	24.8	22.8
3000	45.1	43.9	42.7	41.5	40.3	38.5	36.6	34.8	33.0	30.9	29.4	27.9	26.4	24.5	22.6
2800	44.7	43.5	42.3	41.1	39.9	38.1	36.3	34.5	32.7	30.6	29.1	27.6	26.1	24.2	22.3
2600	44.3	43.1	41.9	40.7	39.5	37.7	35.9	34.2	32.4	30.3	28.8	27.3	25.8	24.0	22.1
2400	43.9	42.7	41.5	40.3	39.2	37.4	35.6	33.8	32.0	30.0	28.5	27.1	25.6	23.7	21.8
2200	43.5	42.3	41.1	40.0	38.8	37.0	35.3	33.5	31.7	29.7	28.2	26.8	25.3	23.4	21.6
2000	43.1	41.9	40.7	39.6	38.4	36.7	34.9	33.2	31.4	29.4	27.9	26.5	25.0	23.2	21.3
1800	42.0	40.9	39.8	38.6	37.5	35.8	34.0	32.3	30.6	28.6	27.2	25.8	24.3	22.5	20.7
1600	41.0	39.9	38.8	37.7	36.6	34.9	33.2	31.5	29.8	27.9	26.5	25.1	23.7	21.9	20.1
1500	40.5	39.4	38.3	37.2	36.1	34.4	32.8	31.1	29.4	27.5	26.1	24.7	23.3	21.6	19.8
1400	40.0	38.9	37.8	36.7	35.6	34.0	32.3	30.7	29.0	27.1	25.7	24.4	23.0	21.2	19.5
1300	39.6	38.5	37.4	36.3	35.3	33.6	32.0	30.3	28.7	26.8	25.4	24.1	22.7	21.0	19.3
1200	39.2	38.1	37.0	36.0	34.9	33.3	31.6	30.0	28.4	26.5	25.2	23.8	22.4	20.7	19.0
1100	38.8	37.7	36.6	35.6	34.5	32.9	31.3	29.7	28.0	26.2	24.9	23.5	22.2	20.5	18.8
1000	38.4	37.3	36.3	35.2	34.1	32.5	30.9	29.3	27.7	25.9	24.6	23.2	21.9	20.2	18.5
900	37.6	36.6	35.5	34.5	33.4	31.9	30.3	28.7	27.1	25.3	24.0	22.7	21.4	19.7	18.1
800	36.9	35.8	34.8	33.8	32.7	31.2	29.6	28.1	26.5	24.8	23.5	22.2	20.9	19.3	17.6
700	35.3	34.3	33.3	32.3	31.3	29.8	28.3	26.8	25.3	23.6	22.3	21.1	19.8	18.3	16.7
600	33.8	32.9	31.9	31.0	30.0	28.5	27.1	25.6	24.2	22.5	21.3	20.1	18.9	17.4	15.9
500	32.1	31.2	30.3	29.3	28.4	27.0	25.6	24.2	22.8	21.3	20.1	19.0	17.8	16.3	14.9
450	31.2	30.3	29.4	28.5	27.6	26.3	24.9	23.5	22.2	20.6	19.5	18.4	17.2	15.8	14.4
400	30.4	29.5	28.6	27.7	26.8	25.5	24.2	22.8	21.5	20.0	18.9	17.8	16.7	15.3	13.9
350	28.7	27.9	27.0	26.2	25.4	24.1	22.8	21.5	20.3	18.8	17.8	16.7	15.6	14.3	13.0
300	27.0	26.2	25.4	24.6	23.8	22.6	21.4	20.2	18.9	17.6	16.6	15.6	14.6	13.3	12.0
250	24.6	23.8	23.1	22.3	21.6	20.5	19.4	18.2	17.1	15.8	14.9	14.0	13.1	11.9	10.7
200	22.9	22.2	21.5	20.8	20.1	19.0	17.9	16.9	15.8	14.6	13.7	12.9	12.0	10.9	9.8
150	19.7	19.1	18.5	17.8	17.2	16.3	15.3	14.4	13.5	12.4	11.6	10.9	10.1	9.1	8.2
100	16.4	15.9	15.3	14.8	14.3	13.5	12.7	11.9	11.0	10.1	9.5	8.8	8.2	7.4	6.5
50	9.8	9.4	9.1	8.8	8.4	7.9	7.4	6.8	6.3	5.7	5.3	4.9	4.5	4.0	3.5
10	1.5	1.4	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.1

C = 60
I = 86
K = .9

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	21.5	19.6	15.2	11.7	8.6	6.7	3.7	2.6	1.9	1.3	1.0	0.3	0.0	0.0	0.0
8000	21.5	19.6	15.2	11.7	8.6	6.7	3.7	2.6	1.9	1.3	1.0	0.3	0.0	0.0	0.0
6000	21.5	19.6	15.2	11.7	8.6	6.7	3.7	2.6	1.9	1.3	1.0	0.3	0.0	0.0	0.0
4000	21.2	19.3	15.0	11.6	8.4	6.6	3.6	2.5	1.9	1.2	1.0	0.3	0.0	0.0	0.0
3500	21.0	19.1	14.8	11.4	8.3	6.5	3.6	2.5	1.8	1.2	1.0	0.3	0.0	0.0	0.0
3000	20.7	18.9	14.6	11.3	8.2	6.4	3.5	2.4	1.8	1.2	0.9	0.3	0.0	0.0	0.0
2800	20.5	18.7	14.4	11.1	8.1	6.3	3.4	2.4	1.8	1.2	0.9	0.3	0.0	0.0	0.0
2600	20.3	18.5	14.2	11.0	8.0	6.2	3.4	2.4	1.7	1.2	0.9	0.3	0.0	0.0	0.0
2400	20.0	18.2	14.0	10.8	7.8	6.1	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
2200	19.8	18.0	13.9	10.7	7.7	6.0	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
2000	19.6	17.8	13.7	10.5	7.6	5.9	3.2	2.2	1.6	1.1	0.8	0.3	0.0	0.0	0.0
1800	19.0	17.3	13.3	10.2	7.3	5.7	3.1	2.1	1.6	1.0	0.8	0.3	0.0	0.0	0.0
1600	18.4	16.8	12.8	9.8	7.1	5.4	2.9	2.0	1.5	1.0	0.8	0.3	0.0	0.0	0.0
1500	18.1	16.5	12.6	9.7	6.9	5.3	2.9	2.0	1.4	0.9	0.7	0.3	0.0	0.0	0.0
1400	17.9	16.2	12.4	9.5	6.8	5.2	2.8	1.9	1.4	0.9	0.7	0.3	0.0	0.0	0.0
1300	17.6	16.0	12.2	9.4	6.7	5.1	2.8	1.9	1.4	0.9	0.7	0.3	0.0	0.0	0.0
1200	17.4	15.8	12.1	9.2	6.6	5.0	2.7	1.9	1.3	0.9	0.7	0.2	0.0	0.0	0.0
1100	17.2	15.6	11.9	9.1	6.5	4.9	2.6	1.8	1.3	0.9	0.7	0.2	0.0	0.0	0.0
1000	16.9	15.4	11.7	8.9	6.4	4.9	2.6	1.8	1.3	0.8	0.6	0.2	0.0	0.0	0.0
900	16.5	15.0	11.4	8.7	6.2	4.7	2.5	1.7	1.2	0.8	0.4	0.0	0.0	0.0	0.0
800	16.1	14.6	11.1	8.4	6.0	4.5	2.4	1.6	1.2	0.7	0.4	0.0	0.0	0.0	0.0
700	15.2	13.8	10.5	7.9	5.6	4.2	2.2	1.5	1.1	0.7	0.3	0.0	0.0	0.0	0.0
600	14.5	13.1	9.9	7.5	5.2	3.9	2.1	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
500	13.6	12.3	9.2	6.9	4.8	3.6	1.9	1.3	0.9	0.5	0.3	0.0	0.0	0.0	0.0
450	13.1	11.9	8.9	6.7	4.6	3.5	1.8	1.2	0.8	0.5	0.3	0.0	0.0	0.0	0.0
400	12.7	11.4	8.6	6.4	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
350	11.8	10.7	7.9	5.9	4.0	3.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
300	10.9	9.9	7.3	5.4	3.7	2.7	1.3	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
250	9.7	8.7	6.4	4.7	3.2	2.3	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
200	8.9	8.0	5.8	4.3	2.8	2.1	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
150	7.4	6.6	4.8	3.5	2.3	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	5.9	5.2	3.7	2.7	1.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	3.1	2.7	1.9	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 86
K = 1.0

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	51.6	50.3	48.9	47.6	46.3	44.3	42.2	40.2	38.2	35.9	34.2	32.6	30.9	28.8	26.6
8000	51.6	50.3	48.9	47.6	46.3	44.3	42.2	40.2	38.2	35.9	34.2	32.6	30.9	28.8	26.6
6000	51.6	50.3	48.9	47.6	46.3	44.3	42.2	40.2	38.2	35.9	34.2	32.6	30.9	28.8	26.6
4000	51.6	50.3	48.9	47.6	46.3	44.3	42.2	40.2	38.2	35.9	34.2	32.6	30.9	28.8	26.6
3500	51.5	50.1	48.8	47.5	46.1	44.1	42.1	40.1	38.1	35.8	34.1	32.4	30.8	28.7	26.5
3000	51.3	50.0	48.7	47.3	46.0	44.0	42.0	40.0	38.0	35.7	34.0	32.3	30.7	28.6	26.4
2800	50.9	49.6	48.3	47.0	45.6	43.7	41.7	39.7	37.7	35.4	33.7	32.1	30.4	28.3	26.2
2600	50.5	49.2	47.9	46.6	45.3	43.3	41.3	39.3	37.4	35.1	33.4	31.8	30.1	28.0	26.0
2400	50.1	48.8	47.5	46.2	44.9	43.0	41.0	39.0	37.0	34.8	33.2	31.5	29.9	27.8	25.7
2200	49.8	48.5	47.2	45.9	44.6	42.6	40.7	38.7	36.7	34.5	32.9	31.2	29.6	27.5	25.5
2000	49.4	48.1	46.8	45.5	44.2	42.3	40.3	38.4	36.4	34.2	32.6	30.9	29.3	27.3	25.2
1800	48.4	47.1	45.8	44.6	43.3	41.4	39.5	37.5	35.6	33.4	31.8	30.2	28.6	26.6	24.6
1600	47.4	46.1	44.9	43.6	42.4	40.5	38.6	36.7	34.8	32.7	31.1	29.5	28.0	26.0	24.0
1500	46.9	45.7	44.4	43.2	41.9	40.1	38.2	36.3	34.4	32.3	30.7	29.2	27.6	25.7	23.7
1400	46.4	45.2	43.9	42.7	41.5	39.6	37.8	35.9	34.1	31.9	30.4	28.8	27.3	25.3	23.4
1300	45.9	44.7	43.5	42.3	41.0	39.2	37.4	35.5	33.7	31.6	30.0	28.5	27.0	25.0	23.1
1200	45.4	44.2	43.0	41.8	40.6	38.8	36.9	35.1	33.3	31.2	29.7	28.1	26.6	24.7	22.8
1100	44.9	43.7	42.5	41.3	40.1	38.3	36.5	34.7	32.9	30.8	29.3	27.8	26.3	24.4	22.5
1000	44.4	43.2	42.1	40.9	39.7	37.9	36.1	34.3	32.5	30.4	28.9	27.5	26.0	24.1	22.2
900	43.5	42.4	41.2	40.0	38.9	37.1	35.3	33.5	31.8	29.8	28.3	26.8	25.3	23.5	21.6
800	42.6	41.5	40.3	39.2	38.0	36.3	34.5	32.8	31.1	29.1	27.6	26.2	24.7	22.9	21.1
700	40.6	39.5	38.4	37.2	36.1	34.5	32.8	31.1	29.4	27.5	26.1	24.7	23.4	21.6	19.8
600	38.8	37.7	36.7	35.6	34.5	32.9	31.3	29.7	28.0	26.2	24.9	23.5	22.2	20.5	18.8
500	36.6	35.5	34.5	33.5	32.5	30.9	29.4	27.9	26.3	24.5	23.3	22.0	20.7	19.1	17.5
450	35.5	34.5	33.5	32.5	31.5	30.0	28.5	27.0	25.4	23.7	22.5	21.2	20.0	18.4	16.8
400	34.4	33.5	32.5	31.5	30.5	29.1	27.6	26.1	24.7	23.0	21.8	20.5	19.3	17.8	16.2
350	33.0	32.0	31.1	30.1	29.2	27.8	26.3	24.9	23.5	21.9	20.7	19.5	18.4	16.9	15.4
300	31.5	30.6	29.7	28.7	27.8	26.5	25.1	23.7	22.4	20.8	19.7	18.5	17.4	16.0	14.5
250	29.1	28.2	27.4	26.5	25.7	24.4	23.1	21.8	20.5	19.1	18.0	16.9	15.9	14.5	13.2
200	26.4	25.6	24.8	24.0	23.2	22.1	20.9	19.7	18.5	17.1	16.1	15.2	14.2	13.0	11.7
150	22.7	22.0	21.3	20.6	19.9	18.9	17.8	16.8	15.7	14.5	13.7	12.8	11.9	10.8	9.8
100	19.5	18.9	18.3	17.7	17.1	16.2	15.2	14.3	13.4	12.3	11.5	10.8	10.0	9.1	8.1
50	12.0	11.6	11.2	10.8	10.4	9.8	9.2	8.5	7.9	7.2	6.7	6.2	5.7	5.1	4.5
10	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.3	1.2	1.0	0.9	0.9	0.8	0.6	0.5

C = 60
I = 86
K = 1.0

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	24.5	22.4	17.5	13.7	10.1	8.0	4.5	3.2	2.4	1.6	1.3	0.7	0.0	0.0	0.0
8000	24.5	22.4	17.5	13.7	10.1	8.0	4.5	3.2	2.4	1.6	1.3	0.7	0.0	0.0	0.0
6000	24.5	22.4	17.5	13.7	10.1	8.0	4.5	3.2	2.4	1.6	1.3	0.7	0.0	0.0	0.0
4000	24.5	22.4	17.5	13.7	10.1	8.0	4.5	3.2	2.4	1.6	1.3	0.7	0.0	0.0	0.0
3500	24.4	22.3	17.4	13.6	10.1	7.9	4.5	3.2	2.4	1.6	1.3	0.7	0.0	0.0	0.0
3000	24.3	22.3	17.4	13.5	10.0	7.9	4.5	3.2	2.3	1.6	1.3	0.7	0.0	0.0	0.0
2800	24.1	22.1	17.2	13.4	9.9	7.8	4.4	3.1	2.3	1.6	1.2	0.7	0.0	0.0	0.0
2600	23.9	21.8	17.0	13.3	9.8	7.7	4.3	3.1	2.3	1.5	1.2	0.7	0.0	0.0	0.0
2400	23.7	21.6	16.8	13.1	9.7	7.6	4.3	3.0	2.2	1.5	1.2	0.7	0.0	0.0	0.0
2200	23.4	21.4	16.7	13.0	9.5	7.5	4.2	3.0	2.2	1.5	1.2	0.4	0.0	0.0	0.0
2000	23.2	21.2	16.5	12.8	9.4	7.4	4.2	2.9	2.2	1.5	1.2	0.4	0.0	0.0	0.0
1800	22.6	20.7	16.0	12.4	9.1	7.1	4.0	2.8	2.1	1.4	1.1	0.4	0.0	0.0	0.0
1600	22.1	20.1	15.6	12.1	8.8	6.9	3.8	2.7	2.0	1.3	1.1	0.4	0.0	0.0	0.0
1500	21.8	19.9	15.4	11.9	8.7	6.8	3.8	2.6	1.9	1.3	1.0	0.3	0.0	0.0	0.0
1400	21.5	19.6	15.2	11.7	8.6	6.7	3.7	2.6	1.9	1.3	1.0	0.3	0.0	0.0	0.0
1300	21.2	19.3	14.9	11.6	8.4	6.5	3.6	2.5	1.9	1.2	1.0	0.3	0.0	0.0	0.0
1200	20.9	19.1	14.7	11.4	8.3	6.4	3.6	2.5	1.8	1.2	1.0	0.3	0.0	0.0	0.0
1100	20.6	18.8	14.5	11.2	8.1	6.3	3.5	2.4	1.8	1.2	0.9	0.3	0.0	0.0	0.0
1000	20.3	18.5	14.3	11.0	8.0	6.2	3.4	2.4	1.7	1.2	0.9	0.3	0.0	0.0	0.0
900	19.8	18.1	13.9	10.7	7.7	6.0	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
800	19.3	17.6	13.5	10.4	7.5	5.8	3.2	2.2	1.6	1.1	0.8	0.3	0.0	0.0	0.0
700	18.2	16.5	12.6	9.7	6.9	5.3	2.9	2.0	1.4	0.9	0.7	0.3	0.0	0.0	0.0
600	17.2	15.6	11.9	9.1	6.5	5.0	2.6	1.8	1.3	0.9	0.7	0.2	0.0	0.0	0.0
500	16.0	14.5	11.0	8.3	5.9	4.5	2.4	1.6	1.2	0.7	0.4	0.0	0.0	0.0	0.0
450	15.4	13.9	10.5	8.0	5.6	4.3	2.2	1.5	1.1	0.7	0.3	0.0	0.0	0.0	0.0
400	14.8	13.4	10.1	7.7	5.4	4.1	2.1	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
350	14.0	12.7	9.6	7.2	5.0	3.8	2.0	1.3	0.9	0.6	0.3	0.0	0.0	0.0	0.0
300	13.2	12.0	9.0	6.7	4.7	3.5	1.8	1.2	0.9	0.5	0.3	0.0	0.0	0.0	0.0
250	12.0	10.8	8.1	6.0	4.1	3.1	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
200	10.6	9.6	7.1	5.2	3.5	2.6	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
150	8.8	7.9	5.8	4.2	2.8	2.0	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
100	7.3	6.5	4.7	3.4	2.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	4.0	3.5	2.5	1.7	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 134
K = .5

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	40.2	39.1	38.0	36.9	35.8	34.1	32.5	30.8	29.2	27.3	25.9	24.5	23.1	21.4	19.6
8000	40.2	39.1	38.0	36.9	35.8	34.1	32.5	30.8	29.2	27.3	25.9	24.5	23.1	21.4	19.6
6000	40.2	39.1	38.0	36.9	35.8	34.1	32.5	30.8	29.2	27.3	25.9	24.5	23.1	21.4	19.6
4000	38.8	37.8	36.7	35.6	34.6	32.9	31.3	29.7	28.1	26.2	24.9	23.5	22.2	20.5	18.8
3500	38.3	37.3	36.2	35.2	34.1	32.5	30.9	29.3	27.7	25.9	24.5	23.2	21.9	20.2	18.5
3000	37.9	36.8	35.8	34.7	33.7	32.1	30.5	28.9	27.3	25.5	24.2	22.9	21.6	19.9	18.2
2800	37.5	36.5	35.5	34.4	33.4	31.8	30.2	28.6	27.1	25.3	24.0	22.7	21.3	19.7	18.0
2600	37.2	36.2	35.2	34.1	33.1	31.5	30.0	28.4	26.8	25.0	23.7	22.4	21.1	19.5	17.8
2400	36.9	35.9	34.9	33.8	32.8	31.3	29.7	28.1	26.6	24.8	23.5	22.2	20.9	19.3	17.7
2200	36.6	35.6	34.6	33.5	32.5	31.0	29.4	27.9	26.3	24.6	23.3	22.0	20.7	19.1	17.5
2000	36.3	35.3	34.3	33.3	32.2	30.7	29.2	27.6	26.1	24.4	23.1	21.8	20.5	18.9	17.3
1800	35.3	34.3	33.3	32.4	31.4	29.9	28.4	26.8	25.3	23.6	22.4	21.1	19.9	18.3	16.7
1600	34.4	33.5	32.5	31.5	30.5	29.1	27.6	26.1	24.7	23.0	21.8	20.5	19.3	17.8	16.2
1500	34.0	33.1	32.1	31.1	30.2	28.7	27.2	25.8	24.3	22.7	21.5	20.3	19.0	17.5	16.0
1400	33.6	32.6	31.7	30.7	29.8	28.3	26.9	25.4	24.0	22.4	21.2	20.0	18.8	17.3	15.7
1300	33.2	32.2	31.3	30.3	29.4	28.0	26.5	25.1	23.7	22.0	20.9	19.7	18.5	17.0	15.5
1200	32.8	31.8	30.9	29.9	29.0	27.6	26.2	24.8	23.4	21.7	20.6	19.4	18.2	16.7	15.3
1100	32.3	31.4	30.5	29.6	28.6	27.2	25.8	24.4	23.0	21.4	20.3	19.1	18.0	16.5	15.0
1000	31.9	31.0	30.1	29.2	28.2	26.9	25.5	24.1	22.7	21.1	20.0	18.8	17.7	16.2	14.8
900	31.3	30.4	29.5	28.6	27.7	26.3	25.0	23.6	22.2	20.7	19.6	18.4	17.3	15.9	14.4
800	30.7	29.8	29.0	28.1	27.2	25.8	24.5	23.1	21.8	20.3	19.2	18.0	16.9	15.5	14.1
700	29.4	28.6	27.7	26.9	26.0	24.7	23.4	22.1	20.8	19.3	18.3	17.2	16.1	14.7	13.4
600	28.0	27.2	26.4	25.5	24.7	23.5	22.2	21.0	19.7	18.3	17.3	16.2	15.2	13.9	12.6
500	26.0	25.2	24.4	23.6	22.9	21.7	20.5	19.3	18.2	16.8	15.9	14.9	13.9	12.7	11.5
450	25.0	24.2	23.5	22.7	22.0	20.8	19.7	18.5	17.4	16.1	15.2	14.2	13.3	12.1	10.9
400	24.3	23.6	22.8	22.1	21.4	20.2	19.1	18.0	16.9	15.6	14.7	13.8	12.9	11.7	10.6
350	23.3	22.6	21.8	21.1	20.4	19.4	18.3	17.2	16.1	14.9	14.0	13.1	12.3	11.1	10.0
300	22.2	21.5	20.9	20.2	19.5	18.5	17.4	16.4	15.3	14.2	13.3	12.5	11.6	10.6	9.5
250	20.4	19.8	19.1	18.5	17.9	16.9	15.9	15.0	14.0	12.9	12.1	11.3	10.5	9.5	8.5
200	18.5	17.9	17.3	16.7	16.2	15.3	14.4	13.5	12.6	11.6	10.9	10.1	9.4	8.5	7.6
150	15.4	14.9	14.4	13.9	13.4	12.6	11.8	11.1	10.3	9.4	8.8	8.2	7.6	6.8	6.0
100	13.1	12.7	12.2	11.8	11.3	10.7	10.0	9.3	8.7	7.9	7.4	6.8	6.3	5.6	5.0
50	6.9	6.6	6.4	6.1	5.9	5.5	5.1	4.7	4.3	3.9	3.6	3.3	3.0	2.6	2.3
10	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 134
K = .5

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	18.0	16.3	12.5	9.6	6.8	5.3	2.8	2.0	1.4	0.9	0.7	0.3	0.0	0.0	0.0
8000	18.0	16.3	12.5	9.6	6.8	5.3	2.8	2.0	1.4	0.9	0.7	0.3	0.0	0.0	0.0
6000	18.0	16.3	12.5	9.6	6.8	5.3	2.8	2.0	1.4	0.9	0.7	0.3	0.0	0.0	0.0
4000	17.2	15.6	11.9	9.1	6.5	5.0	2.7	1.8	1.3	0.9	0.7	0.2	0.0	0.0	0.0
3500	16.9	15.4	11.7	8.9	6.4	4.9	2.6	1.8	1.3	0.8	0.6	0.2	0.0	0.0	0.0
3000	16.7	15.1	11.5	8.8	6.2	4.8	2.5	1.7	1.3	0.8	0.4	0.0	0.0	0.0	0.0
2800	16.5	15.0	11.4	8.7	6.1	4.7	2.5	1.7	1.2	0.8	0.4	0.0	0.0	0.0	0.0
2600	16.3	14.8	11.3	8.6	6.1	4.6	2.5	1.7	1.2	0.8	0.4	0.0	0.0	0.0	0.0
2400	16.2	14.7	11.1	8.5	6.0	4.6	2.4	1.7	1.2	0.7	0.4	0.0	0.0	0.0	0.0
2200	16.0	14.5	11.0	8.4	5.9	4.5	2.4	1.6	1.2	0.7	0.4	0.0	0.0	0.0	0.0
2000	15.8	14.3	10.9	8.3	5.8	4.4	2.3	1.6	1.1	0.7	0.4	0.0	0.0	0.0	0.0
1800	15.3	13.9	10.5	7.9	5.6	4.2	2.2	1.5	1.1	0.7	0.3	0.0	0.0	0.0	0.0
1600	14.8	13.4	10.1	7.7	5.4	4.1	2.1	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
1500	14.6	13.2	10.0	7.5	5.3	4.0	2.1	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
1400	14.4	13.0	9.8	7.4	5.2	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
1300	14.1	12.8	9.6	7.3	5.1	3.8	2.0	1.3	1.0	0.6	0.3	0.0	0.0	0.0	0.0
1200	13.9	12.6	9.5	7.1	5.0	3.7	1.9	1.3	0.9	0.6	0.3	0.0	0.0	0.0	0.0
1100	13.7	12.4	9.3	7.0	4.9	3.7	1.9	1.3	0.9	0.6	0.3	0.0	0.0	0.0	0.0
1000	13.5	12.2	9.1	6.9	4.8	3.6	1.8	1.2	0.9	0.5	0.3	0.0	0.0	0.0	0.0
900	13.2	11.9	8.9	6.7	4.6	3.5	1.8	1.2	0.8	0.5	0.3	0.0	0.0	0.0	0.0
800	12.9	11.6	8.7	6.5	4.5	3.4	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
700	12.2	11.0	8.2	6.1	4.2	3.1	1.6	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
600	11.4	10.3	7.7	5.7	3.9	2.9	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500	10.4	9.4	6.9	5.1	3.5	2.5	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
450	9.9	8.9	6.6	4.8	3.3	2.4	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
400	9.6	8.6	6.3	4.7	3.1	2.3	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
350	9.1	8.2	6.0	4.4	2.9	2.1	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
300	8.6	7.7	5.6	4.1	2.7	2.0	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
250	7.7	6.9	5.0	3.6	2.4	1.7	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
200	6.8	6.1	4.4	3.2	2.0	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	5.4	4.8	3.4	2.4	1.5	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	4.4	3.9	2.8	1.9	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	2.0	1.7	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 134
K = .6

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	48.2	47.0	45.7	44.4	43.2	41.3	39.4	37.4	35.5	33.3	31.7	30.1	28.6	26.5	24.5
8000	48.2	47.0	45.7	44.4	43.2	41.3	39.4	37.4	35.5	33.3	31.7	30.1	28.6	26.5	24.5
6000	48.2	47.0	45.7	44.4	43.2	41.3	39.4	37.4	35.5	33.3	31.7	30.1	28.6	26.5	24.5
4000	48.2	47.0	45.7	44.4	43.2	41.3	39.4	37.4	35.5	33.3	31.7	30.1	28.6	26.5	24.5
3500	47.9	46.6	45.4	44.1	42.8	40.9	39.0	37.1	35.2	33.1	31.5	29.9	28.3	26.3	24.3
3000	47.5	46.3	45.0	43.8	42.5	40.6	38.7	36.8	34.9	32.8	31.2	29.6	28.1	26.1	24.1
2800	47.1	45.8	44.6	43.4	42.1	40.2	38.4	36.5	34.6	32.5	30.9	29.3	27.8	25.8	23.8
2600	46.7	45.4	44.2	43.0	41.7	39.9	38.0	36.1	34.3	32.1	30.6	29.0	27.5	25.5	23.5
2400	46.2	45.0	43.8	42.6	41.3	39.5	37.6	35.8	33.9	31.8	30.3	28.7	27.2	25.2	23.3
2200	45.8	44.6	43.4	42.2	41.0	39.1	37.3	35.4	33.6	31.5	30.0	28.4	26.9	25.0	23.0
2000	45.4	44.2	43.0	41.8	40.6	38.7	36.9	35.1	33.3	31.2	29.7	28.1	26.6	24.7	22.8
1800	44.4	43.2	42.1	40.9	39.7	37.9	36.1	34.3	32.5	30.4	28.9	27.5	26.0	24.1	22.2
1600	43.5	42.3	41.1	40.0	38.8	37.0	35.3	33.5	31.7	29.7	28.2	26.8	25.3	23.4	21.6
1500	43.0	41.8	40.7	39.5	38.4	36.6	34.9	33.1	31.3	29.3	27.9	26.4	25.0	23.1	21.3
1400	42.5	41.4	40.2	39.1	37.9	36.2	34.4	32.7	31.0	29.0	27.5	26.1	24.7	22.8	21.0
1300	42.0	40.9	39.7	38.6	37.5	35.8	34.0	32.3	30.6	28.6	27.2	25.8	24.3	22.5	20.7
1200	41.5	40.4	39.3	38.2	37.0	35.3	33.6	31.9	30.2	28.3	26.8	25.4	24.0	22.2	20.4
1100	41.1	39.9	38.8	37.7	36.6	34.9	33.2	31.5	29.8	27.9	26.5	25.1	23.7	21.9	20.1
1000	40.6	39.5	38.4	37.3	36.2	34.5	32.8	31.1	29.5	27.5	26.1	24.8	23.4	21.6	19.8
900	39.7	38.6	37.5	36.4	35.3	33.7	32.0	30.4	28.8	26.9	25.5	24.1	22.8	21.0	19.3
800	38.9	37.8	36.8	35.7	34.6	33.0	31.4	29.8	28.1	26.3	24.9	23.6	22.3	20.5	18.8
700	37.2	36.2	35.1	34.1	33.1	31.5	29.9	28.4	26.8	25.0	23.7	22.4	21.1	19.5	17.8
600	35.5	34.5	33.5	32.5	31.5	30.0	28.5	27.0	25.5	23.7	22.5	21.2	20.0	18.4	16.8
500	33.6	32.7	31.7	30.8	29.8	28.4	26.9	25.5	24.0	22.4	21.2	20.0	18.8	17.3	15.8
450	32.8	31.8	30.9	30.0	29.0	27.6	26.2	24.8	23.4	21.7	20.6	19.4	18.2	16.7	15.3
400	31.9	31.0	30.1	29.1	28.2	26.8	25.5	24.1	22.7	21.1	20.0	18.8	17.7	16.2	14.8
350	30.4	29.5	28.6	27.8	26.9	25.5	24.2	22.9	21.5	20.0	18.9	17.8	16.7	15.3	13.9
300	28.7	27.9	27.0	26.2	25.3	24.1	22.8	21.5	20.2	18.8	17.7	16.7	15.6	14.3	13.0
250	26.1	25.3	24.6	23.8	23.0	21.8	20.6	19.4	18.3	16.9	16.0	15.0	14.0	12.8	11.6
200	24.0	23.3	22.6	21.9	21.1	20.0	18.9	17.8	16.7	15.5	14.5	13.6	12.7	11.6	10.4
150	20.8	20.2	19.5	18.9	18.2	17.2	16.3	15.3	14.3	13.2	12.4	11.6	10.8	9.8	8.8
100	17.5	16.9	16.4	15.8	15.2	14.4	13.5	12.7	11.8	10.9	10.2	9.5	8.8	7.9	7.1
50	10.5	10.2	9.8	9.4	9.1	8.5	8.0	7.4	6.8	6.2	5.8	5.3	4.9	4.4	3.8
10	1.8	1.7	1.6	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.3	0.1

C = 60
I = 134
K = .6

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	22.5	20.6	16.0	12.4	9.1	7.1	4.0	2.8	2.1	1.4	1.1	0.4	0.0	0.0	0.0
8000	22.5	20.6	16.0	12.4	9.1	7.1	4.0	2.8	2.1	1.4	1.1	0.4	0.0	0.0	0.0
6000	22.5	20.6	16.0	12.4	9.1	7.1	4.0	2.8	2.1	1.4	1.1	0.4	0.0	0.0	0.0
4000	22.5	20.6	16.0	12.4	9.1	7.1	4.0	2.8	2.1	1.4	1.1	0.4	0.0	0.0	0.0
3500	22.3	20.4	15.8	12.3	9.0	7.0	3.9	2.8	2.0	1.4	1.1	0.4	0.0	0.0	0.0
3000	22.1	20.2	15.6	12.1	8.9	6.9	3.9	2.7	2.0	1.3	1.1	0.4	0.0	0.0	0.0
2800	21.9	20.0	15.5	12.0	8.8	6.8	3.8	2.7	2.0	1.3	1.0	0.4	0.0	0.0	0.0
2600	21.6	19.7	15.3	11.8	8.6	6.7	3.7	2.6	1.9	1.3	1.0	0.3	0.0	0.0	0.0
2400	21.4	19.5	15.1	11.7	8.5	6.6	3.7	2.6	1.9	1.3	1.0	0.3	0.0	0.0	0.0
2200	21.1	19.3	14.9	11.5	8.4	6.5	3.6	2.5	1.9	1.2	1.0	0.3	0.0	0.0	0.0
2000	20.9	19.1	14.7	11.4	8.3	6.4	3.6	2.5	1.8	1.2	1.0	0.3	0.0	0.0	0.0
1800	20.3	18.5	14.3	11.0	8.0	6.2	3.4	2.4	1.7	1.2	0.9	0.3	0.0	0.0	0.0
1600	19.8	18.0	13.9	10.7	7.7	6.0	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
1500	19.5	17.8	13.7	10.5	7.6	5.9	3.2	2.2	1.6	1.1	0.8	0.3	0.0	0.0	0.0
1400	19.3	17.5	13.5	10.3	7.5	5.8	3.1	2.2	1.6	1.1	0.8	0.3	0.0	0.0	0.0
1300	19.0	17.3	13.3	10.2	7.3	5.7	3.1	2.1	1.6	1.0	0.8	0.3	0.0	0.0	0.0
1200	18.7	17.0	13.1	10.0	7.2	5.5	3.0	2.1	1.5	1.0	0.8	0.3	0.0	0.0	0.0
1100	18.4	16.8	12.9	9.8	7.1	5.4	2.9	2.0	1.5	1.0	0.8	0.3	0.0	0.0	0.0
1000	18.2	16.5	12.6	9.7	6.9	5.3	2.9	2.0	1.4	0.9	0.7	0.3	0.0	0.0	0.0
900	17.7	16.1	12.3	9.4	6.7	5.1	2.8	1.9	1.4	0.9	0.7	0.3	0.0	0.0	0.0
800	17.2	15.7	12.0	9.1	6.5	5.0	2.7	1.8	1.3	0.9	0.7	0.2	0.0	0.0	0.0
700	16.3	14.8	11.2	8.5	6.1	4.6	2.4	1.7	1.2	0.8	0.4	0.0	0.0	0.0	0.0
600	15.4	13.9	10.6	8.0	5.6	4.3	2.2	1.5	1.1	0.7	0.4	0.0	0.0	0.0	0.0
500	14.4	13.0	9.8	7.4	5.2	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
450	13.9	12.6	9.5	7.1	5.0	3.7	1.9	1.3	0.9	0.6	0.3	0.0	0.0	0.0	0.0
400	13.5	12.2	9.1	6.9	4.8	3.6	1.8	1.2	0.9	0.5	0.3	0.0	0.0	0.0	0.0
350	12.7	11.5	8.6	6.4	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
300	11.8	10.6	7.9	5.9	4.0	3.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
250	10.5	9.4	7.0	5.2	3.5	2.6	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
200	9.5	8.5	6.2	4.6	3.1	2.2	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
150	7.9	7.1	5.1	3.7	2.5	1.8	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
100	6.4	5.7	4.1	2.9	1.9	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	3.4	3.0	2.1	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 134
K = .7

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	56.3	54.9	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.2	31.9	29.6
8000	56.3	54.9	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.2	31.9	29.6
6000	56.3	54.9	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.2	31.9	29.6
4000	56.3	54.9	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.2	31.9	29.6
3500	56.3	54.9	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.2	31.9	29.6
3000	56.3	54.9	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.2	31.9	29.6
2800	56.0	54.6	53.1	51.7	50.3	48.2	46.0	43.9	41.7	39.3	37.5	35.7	33.9	31.7	29.4
2600	55.7	54.2	52.8	51.4	50.0	47.9	45.7	43.6	41.5	39.0	37.3	35.5	33.7	31.5	29.2
2400	55.3	53.9	52.5	51.1	49.7	47.6	45.5	43.3	41.2	38.8	37.0	35.3	33.5	31.2	29.0
2200	55.0	53.6	52.2	50.8	49.4	47.3	45.2	43.1	41.0	38.5	36.8	35.0	33.3	31.0	28.8
2000	54.7	53.3	51.9	50.5	49.1	47.0	44.9	42.8	40.7	38.3	36.6	34.8	33.1	30.8	28.6
1800	53.8	52.4	51.0	49.7	48.3	46.2	44.1	42.0	40.0	37.6	35.9	34.1	32.4	30.2	28.0
1600	52.8	51.5	50.1	48.8	47.4	45.4	43.3	41.3	39.2	36.9	35.2	33.4	31.7	29.6	27.4
1500	52.4	51.0	49.7	48.3	47.0	44.9	42.9	40.9	38.8	36.5	34.8	33.1	31.4	29.3	27.1
1400	51.9	50.6	49.2	47.9	46.6	44.5	42.5	40.5	38.5	36.1	34.5	32.8	31.1	29.0	26.8
1300	51.4	50.1	48.8	47.5	46.1	44.1	42.1	40.1	38.1	35.8	34.1	32.4	30.8	28.6	26.5
1200	51.0	49.7	48.3	47.0	45.7	43.7	41.7	39.7	37.7	35.4	33.8	32.1	30.4	28.3	26.2
1100	50.5	49.2	47.9	46.6	45.3	43.3	41.3	39.3	37.3	35.1	33.4	31.8	30.1	28.0	25.9
1000	50.0	48.7	47.4	46.1	44.8	42.9	40.9	38.9	37.0	34.7	33.1	31.4	29.8	27.7	25.6
900	49.1	47.9	46.6	45.3	44.0	42.1	40.1	38.2	36.2	34.0	32.4	30.8	29.2	27.1	25.1
800	48.2	47.0	45.7	44.4	43.2	41.3	39.3	37.4	35.5	33.3	31.7	30.1	28.6	26.5	24.5
700	46.3	45.0	43.8	42.6	41.4	39.5	37.6	35.8	33.9	31.8	30.3	28.7	27.2	25.2	23.3
600	44.3	43.1	41.9	40.7	39.5	37.7	35.9	34.2	32.4	30.3	28.8	27.3	25.8	24.0	22.1
500	41.6	40.4	39.3	38.2	37.1	35.3	33.6	31.9	30.2	28.3	26.9	25.4	24.0	22.2	20.4
450	40.2	39.1	38.0	36.9	35.8	34.2	32.5	30.8	29.2	27.3	25.9	24.5	23.1	21.4	19.6
400	39.1	38.0	36.9	35.9	34.8	33.2	31.5	29.9	28.3	26.4	25.1	23.7	22.4	20.7	18.9
350	37.3	36.3	35.3	34.2	33.2	31.6	30.0	28.5	26.9	25.1	23.8	22.5	21.2	19.6	17.9
300	35.6	34.6	33.6	32.6	31.6	30.1	28.6	27.1	25.5	23.8	22.6	21.3	20.1	18.5	16.9
250	33.3	32.3	31.4	30.4	29.5	28.0	26.6	25.2	23.7	22.1	20.9	19.7	18.5	17.0	15.5
200	31.0	30.1	29.2	28.3	27.4	26.1	24.7	23.4	22.0	20.5	19.3	18.2	17.1	15.7	14.3
150	26.4	25.6	24.8	24.0	23.2	22.0	20.8	19.7	18.5	17.1	16.1	15.2	14.2	12.9	11.7
100	22.8	22.1	21.4	20.7	20.0	18.9	17.9	16.8	15.7	14.5	13.7	12.8	12.0	10.9	9.8
50	14.4	14.0	13.5	13.0	12.5	11.8	11.1	10.3	9.6	8.8	8.2	7.6	7.1	6.3	5.6
10	3.1	3.0	2.9	2.7	2.6	2.4	2.2	2.0	1.8	1.6	1.5	1.4	1.2	1.0	0.9

C = 60
I = 134
K = .7

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	27.3	25.0	19.7	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
8000	27.3	25.0	19.7	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
6000	27.3	25.0	19.7	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
4000	27.3	25.0	19.7	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
3500	27.3	25.0	19.7	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
3000	27.3	25.0	19.7	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
2800	27.1	24.9	19.5	15.3	11.5	9.1	5.3	3.8	2.8	1.9	1.5	0.9	0.0	0.0	0.0
2600	26.9	24.7	19.4	15.2	11.4	9.0	5.2	3.7	2.8	1.9	1.5	0.9	0.0	0.0	0.0
2400	26.8	24.5	19.2	15.1	11.3	8.9	5.1	3.7	2.7	1.9	1.5	0.8	0.0	0.0	0.0
2200	26.6	24.3	19.1	15.0	11.2	8.8	5.1	3.6	2.7	1.9	1.5	0.8	0.0	0.0	0.0
2000	26.4	24.2	18.9	14.9	11.1	8.8	5.0	3.6	2.7	1.8	1.5	0.8	0.0	0.0	0.0
1800	25.8	23.6	18.5	14.5	10.8	8.5	4.9	3.5	2.6	1.8	1.4	0.8	0.0	0.0	0.0
1600	25.3	23.1	18.1	14.1	10.5	8.3	4.7	3.3	2.5	1.7	1.4	0.8	0.0	0.0	0.0
1500	25.0	22.9	17.8	14.0	10.3	8.1	4.6	3.3	2.4	1.7	1.3	0.7	0.0	0.0	0.0
1400	24.7	22.6	17.6	13.8	10.2	8.0	4.6	3.2	2.4	1.6	1.3	0.7	0.0	0.0	0.0
1300	24.4	22.3	17.4	13.6	10.1	7.9	4.5	3.2	2.4	1.6	1.3	0.7	0.0	0.0	0.0
1200	24.2	22.1	17.2	13.4	9.9	7.8	4.4	3.1	2.3	1.6	1.2	0.7	0.0	0.0	0.0
1100	23.9	21.8	17.0	13.2	9.8	7.7	4.3	3.1	2.3	1.5	1.2	0.7	0.0	0.0	0.0
1000	23.6	21.6	16.8	13.1	9.6	7.6	4.3	3.0	2.2	1.5	1.2	0.7	0.0	0.0	0.0
900	23.1	21.1	16.4	12.7	9.4	7.3	4.1	2.9	2.1	1.5	1.1	0.4	0.0	0.0	0.0
800	22.5	20.6	16.0	12.4	9.1	7.1	4.0	2.8	2.1	1.4	1.1	0.4	0.0	0.0	0.0
700	21.4	19.5	15.1	11.7	8.5	6.6	3.7	2.6	1.9	1.3	1.0	0.3	0.0	0.0	0.0
600	20.3	18.5	14.2	11.0	8.0	6.2	3.4	2.4	1.7	1.2	0.9	0.3	0.0	0.0	0.0
500	18.7	17.0	13.1	10.0	7.2	5.6	3.0	2.1	1.5	1.0	0.8	0.3	0.0	0.0	0.0
450	18.0	16.3	12.5	9.6	6.8	5.3	2.8	2.0	1.4	0.9	0.7	0.3	0.0	0.0	0.0
400	17.3	15.8	12.0	9.2	6.5	5.0	2.7	1.8	1.3	0.9	0.7	0.2	0.0	0.0	0.0
350	16.4	14.9	11.3	8.6	6.1	4.6	2.5	1.7	1.2	0.8	0.4	0.0	0.0	0.0	0.0
300	15.4	14.0	10.6	8.0	5.7	4.3	2.3	1.5	1.1	0.7	0.4	0.0	0.0	0.0	0.0
250	14.2	12.8	9.7	7.3	5.1	3.8	2.0	1.3	1.0	0.6	0.3	0.0	0.0	0.0	0.0
200	13.0	11.7	8.8	6.6	4.6	3.4	1.7	1.2	0.8	0.5	0.3	0.0	0.0	0.0	0.0
150	10.6	9.6	7.1	5.2	3.5	2.6	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
100	8.8	7.9	5.8	4.2	2.8	2.0	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
50	5.0	4.5	3.1	2.2	1.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 134
K = .8

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	64.3	62.7	61.2	59.6	58.0	55.7	53.3	50.9	48.5	45.8	43.8	41.9	39.9	37.4	34.9
8000	64.3	62.7	61.2	59.6	58.0	55.7	53.3	50.9	48.5	45.8	43.8	41.9	39.9	37.4	34.9
6000	64.3	62.7	61.2	59.6	58.0	55.7	53.3	50.9	48.5	45.8	43.8	41.9	39.9	37.4	34.9
4000	64.3	62.7	61.2	59.6	58.0	55.7	53.3	50.9	48.5	45.8	43.8	41.9	39.9	37.4	34.9
3500	64.3	62.7	61.2	59.6	58.0	55.7	53.3	50.9	48.5	45.8	43.8	41.9	39.9	37.4	34.9
3000	64.3	62.7	61.2	59.6	58.0	55.7	53.3	50.9	48.5	45.8	43.8	41.9	39.9	37.4	34.9
2800	64.0	62.5	60.9	59.3	57.8	55.4	53.0	50.6	48.3	45.6	43.6	41.6	39.7	37.2	34.7
2600	63.7	62.2	60.6	59.0	57.5	55.1	52.8	50.4	48.0	45.3	43.4	41.4	39.5	37.0	34.5
2400	63.4	61.9	60.3	58.8	57.2	54.8	52.5	50.1	47.8	45.1	43.1	41.2	39.2	36.8	34.3
2200	63.1	61.6	60.0	58.5	56.9	54.6	52.2	49.9	47.5	44.9	42.9	41.0	39.0	36.6	34.1
2000	62.8	61.3	59.7	58.2	56.6	54.3	52.0	49.6	47.3	44.6	42.7	40.7	38.8	36.3	33.9
1800	61.6	60.1	58.6	57.1	55.5	53.2	50.9	48.6	46.3	43.7	41.8	39.9	37.9	35.5	33.1
1600	60.4	58.9	57.4	55.9	54.4	52.2	49.9	47.6	45.3	42.7	40.9	39.0	37.1	34.7	32.3
1500	59.9	58.4	56.9	55.4	53.9	51.7	49.4	47.1	44.9	42.3	40.4	38.6	36.7	34.3	31.9
1400	59.4	57.9	56.5	55.0	53.5	51.3	49.0	46.8	44.5	42.0	40.1	38.2	36.4	34.0	31.7
1300	59.0	57.5	56.0	54.6	53.1	50.9	48.6	46.4	44.2	41.6	39.8	37.9	36.1	33.7	31.4
1200	58.5	57.1	55.6	54.1	52.7	50.5	48.2	46.0	43.8	41.3	39.4	37.6	35.7	33.4	31.1
1100	58.1	56.6	55.2	53.7	52.3	50.1	47.9	45.6	43.4	40.9	39.1	37.3	35.4	33.1	30.8
1000	57.6	56.2	54.7	53.3	51.9	49.7	47.5	45.3	43.1	40.6	38.8	36.9	35.1	32.8	30.5
900	56.8	55.4	53.9	52.5	51.1	48.9	46.7	44.6	42.4	39.9	38.1	36.3	34.5	32.2	29.9
800	55.9	54.5	53.1	51.7	50.3	48.1	46.0	43.8	41.7	39.2	37.5	35.7	33.9	31.6	29.4
700	54.1	52.8	51.4	50.0	48.6	46.5	44.4	42.3	40.3	37.9	36.1	34.4	32.7	30.4	28.2
600	52.4	51.0	49.7	48.3	47.0	44.9	42.9	40.9	38.8	36.5	34.8	33.1	31.4	29.3	27.1
500	50.2	48.9	47.6	46.3	45.0	43.0	41.1	39.1	37.1	34.9	33.2	31.6	29.9	27.9	25.8
450	49.2	47.9	46.6	45.3	44.0	42.1	40.1	38.2	36.2	34.0	32.4	30.8	29.2	27.1	25.1
400	48.1	46.8	45.5	44.3	43.0	41.1	39.2	37.3	35.4	33.2	31.6	30.0	28.4	26.4	24.4
350	46.1	44.8	43.6	42.4	41.2	39.3	37.5	35.6	33.8	31.7	30.1	28.6	27.1	25.1	23.2
300	44.0	42.9	41.7	40.5	39.3	37.5	35.8	34.0	32.2	30.1	28.7	27.2	25.7	23.8	21.9
250	40.8	39.7	38.5	37.4	36.3	34.6	33.0	31.3	29.6	27.7	26.3	24.9	23.5	21.7	19.9
200	37.9	36.9	35.8	34.8	33.7	32.2	30.6	29.0	27.4	25.6	24.3	22.9	21.6	19.9	18.3
150	33.7	32.8	31.8	30.9	29.9	28.5	27.0	25.6	24.1	22.5	21.3	20.1	18.9	17.3	15.8
100	29.9	29.0	28.2	27.3	26.4	25.1	23.8	22.5	21.2	19.7	18.6	17.5	16.4	15.0	13.7
50	20.0	19.4	18.7	18.1	17.5	16.5	15.6	14.6	13.7	12.6	11.8	11.1	10.3	9.3	8.3
10	4.9	4.7	4.5	4.3	4.1	3.9	3.6	3.3	3.0	2.7	2.5	2.2	2.0	1.8	1.5

C = 60
I = 134
K = .8

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	32.3	29.7	23.5	18.7	14.3	11.5	6.8	4.9	3.7	2.6	2.1	1.2	0.0	0.0	0.0
8000	32.3	29.7	23.5	18.7	14.3	11.5	6.8	4.9	3.7	2.6	2.1	1.2	0.0	0.0	0.0
6000	32.3	29.7	23.5	18.7	14.3	11.5	6.8	4.9	3.7	2.6	2.1	1.2	0.0	0.0	0.0
4000	32.3	29.7	23.5	18.7	14.3	11.5	6.8	4.9	3.7	2.6	2.1	1.2	0.0	0.0	0.0
3500	32.3	29.7	23.5	18.7	14.3	11.5	6.8	4.9	3.7	2.6	2.1	1.2	0.0	0.0	0.0
3000	32.3	29.7	23.5	18.7	14.3	11.5	6.8	4.9	3.7	2.6	2.1	1.2	0.0	0.0	0.0
2800	32.1	29.5	23.4	18.6	14.2	11.4	6.8	4.9	3.7	2.6	2.1	1.2	0.0	0.0	0.0
2600	31.9	29.3	23.2	18.5	14.0	11.3	6.7	4.8	3.7	2.6	2.1	1.2	0.0	0.0	0.0
2400	31.7	29.2	23.1	18.4	13.9	11.2	6.6	4.8	3.6	2.6	2.1	1.2	0.0	0.0	0.0
2200	31.5	29.0	23.0	18.2	13.8	11.1	6.6	4.8	3.6	2.5	2.0	1.2	0.0	0.0	0.0
2000	31.3	28.8	22.8	18.1	13.7	11.0	6.5	4.7	3.6	2.5	2.0	1.2	0.0	0.0	0.0
1800	30.6	28.1	22.2	17.6	13.3	10.7	6.3	4.5	3.4	2.4	1.9	1.1	0.0	0.0	0.0
1600	29.9	27.4	21.6	17.1	12.9	10.3	6.1	4.4	3.3	2.3	1.8	1.1	0.0	0.0	0.0
1500	29.5	27.1	21.4	16.9	12.7	10.2	6.0	4.3	3.2	2.3	1.8	1.0	0.0	0.0	0.0
1400	29.2	26.8	21.2	16.7	12.6	10.1	5.9	4.2	3.2	2.2	1.8	1.0	0.0	0.0	0.0
1300	29.0	26.6	20.9	16.5	12.4	9.9	5.8	4.2	3.1	2.2	1.7	1.0	0.0	0.0	0.0
1200	28.7	26.3	20.7	16.4	12.3	9.8	5.7	4.1	3.1	2.1	1.7	1.0	0.0	0.0	0.0
1100	28.4	26.1	20.5	16.2	12.2	9.7	5.6	4.0	3.0	2.1	1.7	1.0	0.0	0.0	0.0
1000	28.2	25.8	20.3	16.0	12.0	9.6	5.5	4.0	3.0	2.1	1.7	0.9	0.0	0.0	0.0
900	27.6	25.3	19.9	15.7	11.7	9.3	5.4	3.9	2.9	2.0	1.6	0.9	0.0	0.0	0.0
800	27.1	24.8	19.5	15.3	11.5	9.1	5.2	3.7	2.8	1.9	1.5	0.9	0.0	0.0	0.0
700	26.0	23.8	18.7	14.6	10.9	8.6	4.9	3.5	2.6	1.8	1.4	0.8	0.0	0.0	0.0
600	25.0	22.8	17.8	13.9	10.3	8.1	4.6	3.3	2.4	1.7	1.3	0.7	0.0	0.0	0.0
500	23.7	21.7	16.9	13.1	9.7	7.6	4.3	3.0	2.2	1.5	1.2	0.7	0.0	0.0	0.0
450	23.1	21.1	16.4	12.7	9.4	7.3	4.1	2.9	2.1	1.5	1.1	0.4	0.0	0.0	0.0
400	22.4	20.5	15.9	12.3	9.0	7.1	4.0	2.8	2.0	1.4	1.1	0.4	0.0	0.0	0.0
350	21.3	19.4	15.0	11.6	8.5	6.6	3.6	2.6	1.9	1.3	1.0	0.3	0.0	0.0	0.0
300	20.1	18.3	14.1	10.9	7.9	6.1	3.4	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
250	18.3	16.6	12.7	9.7	7.0	5.4	2.9	2.0	1.5	1.0	0.7	0.3	0.0	0.0	0.0
200	16.7	15.2	11.6	8.8	6.3	4.8	2.5	1.7	1.3	0.8	0.4	0.0	0.0	0.0	0.0
150	14.4	13.1	9.9	7.4	5.2	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
100	12.4	11.2	8.4	6.3	4.3	3.2	1.6	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
50	7.5	6.7	4.9	3.5	2.3	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.3	1.1	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 134
K = .9

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	72.4	70.6	68.9	67.2	65.5	62.9	60.3	57.7	55.1	52.2	50.0	47.9	45.7	43.0	40.3
8000	72.4	70.6	68.9	67.2	65.5	62.9	60.3	57.7	55.1	52.2	50.0	47.9	45.7	43.0	40.3
6000	72.4	70.6	68.9	67.2	65.5	62.9	60.3	57.7	55.1	52.2	50.0	47.9	45.7	43.0	40.3
4000	72.4	70.6	68.9	67.2	65.5	62.9	60.3	57.7	55.1	52.2	50.0	47.9	45.7	43.0	40.3
3500	72.4	70.6	68.9	67.2	65.5	62.9	60.3	57.7	55.1	52.2	50.0	47.9	45.7	43.0	40.3
3000	72.4	70.6	68.9	67.2	65.5	62.9	60.3	57.7	55.1	52.2	50.0	47.9	45.7	43.0	40.3
2800	72.1	70.4	68.7	67.0	65.3	62.7	60.1	57.5	55.0	52.0	49.9	47.7	45.6	42.9	40.2
2600	71.9	70.2	68.5	66.8	65.1	62.5	59.9	57.4	54.8	51.8	49.7	47.6	45.4	42.7	40.0
2400	71.7	70.0	68.3	66.6	64.9	62.3	59.8	57.2	54.6	51.7	49.5	47.4	45.3	42.6	39.9
2200	71.5	69.8	68.1	66.4	64.7	62.1	59.6	57.0	54.4	51.5	49.4	47.2	45.1	42.4	39.7
2000	71.3	69.6	67.9	66.2	64.5	61.9	59.4	56.8	54.2	51.3	49.2	47.1	45.0	42.3	39.6
1800	70.5	68.8	67.2	65.5	63.8	61.2	58.7	56.2	53.6	50.7	48.6	46.5	44.4	41.7	39.0
1600	69.7	68.1	66.4	64.7	63.1	60.5	58.0	55.5	53.0	50.1	48.0	45.9	43.8	41.2	38.5
1500	69.3	67.6	66.0	64.3	62.7	60.1	57.6	55.1	52.6	49.7	47.7	45.6	43.5	40.9	38.2
1400	68.9	67.2	65.6	63.9	62.3	59.8	57.3	54.8	52.3	49.4	47.3	45.3	43.2	40.6	37.9
1300	68.5	66.8	65.2	63.5	61.9	59.4	56.9	54.4	51.9	49.1	47.0	44.9	42.9	40.3	37.6
1200	68.0	66.4	64.8	63.1	61.5	59.0	56.5	54.0	51.6	48.7	46.7	44.6	42.6	40.0	37.4
1100	67.6	66.0	64.3	62.7	61.1	58.6	56.2	53.7	51.2	48.4	46.4	44.3	42.3	39.7	37.1
1000	67.2	65.6	63.9	62.3	60.7	58.2	55.8	53.3	50.9	48.1	46.0	44.0	42.0	39.4	36.8
900	65.5	63.9	62.3	60.7	59.1	56.7	54.3	51.9	49.5	46.7	44.7	42.7	40.7	38.2	35.7
800	63.8	62.3	60.7	59.1	57.6	55.2	52.9	50.5	48.1	45.4	43.5	41.5	39.5	37.0	34.6
700	61.8	60.3	58.8	57.2	55.7	53.4	51.1	48.8	46.5	43.8	41.9	40.0	38.1	35.7	33.2
600	59.8	58.4	56.9	55.4	53.9	51.6	49.4	47.1	44.9	42.3	40.4	38.6	36.7	34.3	31.9
500	57.6	56.2	54.7	53.3	51.8	49.7	47.5	45.3	43.1	40.6	38.8	36.9	35.1	32.8	30.5
450	56.5	55.1	53.7	52.3	50.8	48.7	46.5	44.3	42.2	39.7	37.9	36.1	34.3	32.1	29.8
400	55.4	54.0	52.6	51.2	49.8	47.7	45.6	43.4	41.3	38.9	37.1	35.3	33.6	31.3	29.1
350	53.7	52.3	50.9	49.6	48.2	46.1	44.0	42.0	39.9	37.5	35.8	34.1	32.3	30.1	27.9
300	51.9	50.6	49.3	47.9	46.6	44.5	42.5	40.5	38.5	36.2	34.5	32.8	31.1	29.0	26.8
250	49.2	47.9	46.6	45.4	44.1	42.1	40.2	38.2	36.3	34.1	32.5	30.8	29.2	27.2	25.1
200	46.4	45.2	44.0	42.7	41.5	39.6	37.8	35.9	34.1	31.9	30.4	28.9	27.3	25.3	23.4
150	41.1	39.9	38.8	37.7	36.6	34.9	33.2	31.5	29.8	27.9	26.5	25.1	23.7	21.9	20.1
100	36.5	35.5	34.5	33.4	32.4	30.9	29.3	27.8	26.3	24.5	23.2	21.9	20.7	19.0	17.4
50	25.2	24.5	23.7	22.9	22.2	21.0	19.9	18.7	17.6	16.3	15.3	14.4	13.5	12.3	11.1
10	9.0	8.7	8.4	8.1	7.7	7.3	6.8	6.3	5.8	5.2	4.9	4.5	4.1	3.6	3.1

C = 60
I = 134
K = .9

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	37.4	34.5	27.6	22.2	17.1	13.9	8.5	6.2	4.8	3.4	2.8	1.7	0.0	0.0	0.0
8000	37.4	34.5	27.6	22.2	17.1	13.9	8.5	6.2	4.8	3.4	2.8	1.7	0.0	0.0	0.0
6000	37.4	34.5	27.6	22.2	17.1	13.9	8.5	6.2	4.8	3.4	2.8	1.7	0.0	0.0	0.0
4000	37.4	34.5	27.6	22.2	17.1	13.9	8.5	6.2	4.8	3.4	2.8	1.7	0.0	0.0	0.0
3500	37.4	34.5	27.6	22.2	17.1	13.9	8.5	6.2	4.8	3.4	2.8	1.7	0.0	0.0	0.0
3000	37.4	34.5	27.6	22.2	17.1	13.9	8.5	6.2	4.8	3.4	2.8	1.7	0.0	0.0	0.0
2800	37.3	34.3	27.5	22.1	17.1	13.9	8.4	6.2	4.7	3.4	2.8	1.6	0.0	0.0	0.0
2600	37.1	34.2	27.4	22.0	17.0	13.8	8.4	6.2	4.7	3.4	2.8	1.6	0.0	0.0	0.0
2400	37.0	34.1	27.3	21.9	16.9	13.7	8.3	6.1	4.7	3.4	2.7	1.6	0.0	0.0	0.0
2200	36.8	34.0	27.2	21.8	16.8	13.7	8.3	6.1	4.7	3.3	2.7	1.6	0.0	0.0	0.0
2000	36.7	33.8	27.1	21.7	16.7	13.6	8.3	6.0	4.6	3.3	2.7	1.6	0.0	0.0	0.0
1800	36.2	33.4	26.7	21.4	16.5	13.4	8.1	5.9	4.5	3.2	2.6	1.6	0.0	0.0	0.0
1600	35.7	32.9	26.3	21.0	16.2	13.1	7.9	5.8	4.4	3.2	2.6	1.5	0.0	0.0	0.0
1500	35.4	32.6	26.0	20.9	16.0	13.0	7.8	5.7	4.4	3.1	2.5	1.5	0.0	0.0	0.0
1400	35.2	32.4	25.8	20.7	15.9	12.9	7.7	5.7	4.3	3.1	2.5	1.5	0.0	0.0	0.0
1300	34.9	32.1	25.6	20.5	15.7	12.7	7.7	5.6	4.3	3.0	2.5	1.4	0.0	0.0	0.0
1200	34.6	31.9	25.4	20.3	15.6	12.6	7.6	5.5	4.2	3.0	2.4	1.4	0.0	0.0	0.0
1100	34.4	31.6	25.2	20.1	15.4	12.5	7.5	5.4	4.1	3.0	2.4	1.4	0.0	0.0	0.0
1000	34.1	31.4	25.0	19.9	15.3	12.3	7.4	5.4	4.1	2.9	2.4	1.4	0.0	0.0	0.0
900	33.0	30.4	24.1	19.2	14.7	11.8	7.0	5.1	3.9	2.8	2.2	1.3	0.0	0.0	0.0
800	32.0	29.4	23.3	18.5	14.1	11.3	6.7	4.9	3.7	2.6	2.1	1.2	0.0	0.0	0.0
700	30.7	28.2	22.3	17.7	13.4	10.7	6.3	4.6	3.4	2.4	1.9	1.1	0.0	0.0	0.0
600	29.5	27.1	21.4	16.9	12.7	10.2	6.0	4.3	3.2	2.3	1.8	1.0	0.0	0.0	0.0
500	28.2	25.8	20.3	16.0	12.0	9.6	5.5	4.0	3.0	2.1	1.7	0.9	0.0	0.0	0.0
450	27.5	25.2	19.8	15.6	11.7	9.3	5.4	3.8	2.9	2.0	1.6	0.9	0.0	0.0	0.0
400	26.8	24.6	19.3	15.1	11.3	9.0	5.2	3.7	2.8	1.9	1.5	0.8	0.0	0.0	0.0
350	25.8	23.6	18.4	14.5	10.7	8.5	4.9	3.5	2.6	1.8	1.4	0.8	0.0	0.0	0.0
300	24.7	22.6	17.6	13.8	10.2	8.0	4.6	3.2	2.4	1.6	1.3	0.7	0.0	0.0	0.0
250	23.1	21.1	16.4	12.8	9.4	7.3	4.1	2.9	2.2	1.5	1.1	0.4	0.0	0.0	0.0
200	21.5	19.6	15.2	11.7	8.6	6.7	3.7	2.6	1.9	1.3	1.0	0.3	0.0	0.0	0.0
150	18.4	16.8	12.8	9.8	7.1	5.4	2.9	2.0	1.5	1.0	0.8	0.3	0.0	0.0	0.0
100	15.9	14.4	11.0	8.3	5.9	4.5	2.4	1.6	1.2	0.7	0.4	0.0	0.0	0.0	0.0
50	10.0	9.0	6.7	4.9	3.3	2.4	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
10	2.8	2.5	1.7	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 134
K = 1.0

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	80.4	78.6	76.7	74.9	73.0	70.2	67.4	64.6	61.8	58.6	56.3	54.0	51.7	48.8	45.9
8000	80.4	78.6	76.7	74.9	73.0	70.2	67.4	64.6	61.8	58.6	56.3	54.0	51.7	48.8	45.9
6000	80.4	78.6	76.7	74.9	73.0	70.2	67.4	64.6	61.8	58.6	56.3	54.0	51.7	48.8	45.9
4000	80.4	78.6	76.7	74.9	73.0	70.2	67.4	64.6	61.8	58.6	56.3	54.0	51.7	48.8	45.9
3500	80.4	78.6	76.7	74.9	73.0	70.2	67.4	64.6	61.8	58.6	56.3	54.0	51.7	48.8	45.9
3000	80.4	78.6	76.7	74.9	73.0	70.2	67.4	64.6	61.8	58.6	56.3	54.0	51.7	48.8	45.9
2800	80.4	78.6	76.7	74.9	73.0	70.2	67.4	64.6	61.8	58.6	56.3	54.0	51.7	48.8	45.9
2600	80.4	78.6	76.7	74.9	73.0	70.2	67.4	64.6	61.8	58.6	56.3	54.0	51.7	48.8	45.9
2400	80.4	78.6	76.7	74.9	73.0	70.2	67.4	64.6	61.8	58.6	56.3	54.0	51.7	48.8	45.9
2200	80.4	78.6	76.7	74.9	73.0	70.2	67.4	64.6	61.8	58.6	56.3	54.0	51.7	48.8	45.9
2000	80.4	78.6	76.7	74.9	73.0	70.2	67.4	64.6	61.8	58.6	56.3	54.0	51.7	48.8	45.9
1800	79.6	77.8	75.9	74.1	72.3	69.5	66.7	63.9	61.1	58.0	55.7	53.4	51.1	48.2	45.3
1600	78.9	77.1	75.3	73.4	71.6	68.8	66.1	63.3	60.6	57.4	55.1	52.9	50.6	47.7	44.8
1500	78.6	76.7	74.9	73.1	71.3	68.5	65.8	63.0	60.3	57.1	54.9	52.6	50.3	47.4	44.6
1400	78.2	76.4	74.6	72.8	70.9	68.2	65.5	62.7	60.0	56.8	54.6	52.3	50.1	47.2	44.3
1300	77.8	76.0	74.2	72.4	70.6	67.9	65.1	62.4	59.7	56.6	54.3	52.0	49.8	46.9	44.1
1200	77.5	75.7	73.9	72.1	70.3	67.6	64.8	62.1	59.4	56.3	54.0	51.8	49.5	46.7	43.8
1100	77.1	75.3	73.5	71.8	70.0	67.2	64.5	61.8	59.1	56.0	53.7	51.5	49.3	46.4	43.6
1000	76.8	75.0	73.2	71.4	69.6	66.9	64.2	61.5	58.8	55.7	53.5	51.2	49.0	46.2	43.3
900	76.3	74.5	72.7	70.9	69.2	66.5	63.8	61.1	58.4	55.3	53.1	50.9	48.6	45.8	43.0
800	75.8	74.0	72.2	70.5	68.7	66.0	63.3	60.6	58.0	54.9	52.7	50.5	48.3	45.5	42.6
700	73.8	72.0	70.3	68.5	66.8	64.2	61.5	58.9	56.3	53.3	51.1	48.9	46.8	44.0	41.3
600	71.7	70.0	68.3	66.6	64.9	62.3	59.8	57.2	54.6	51.7	49.5	47.4	45.3	42.6	39.9
500	69.2	67.6	65.9	64.3	62.6	60.1	57.6	55.1	52.6	49.7	47.6	45.5	43.4	40.8	38.2
450	67.9	66.3	64.6	63.0	61.4	58.9	56.4	53.9	51.5	48.6	46.6	44.5	42.5	39.9	37.3
400	66.6	64.9	63.3	61.7	60.1	57.7	55.2	52.8	50.4	47.6	45.5	43.5	41.5	38.9	36.4
350	64.5	62.9	61.4	59.8	58.2	55.8	53.4	51.1	48.7	46.0	44.0	42.0	40.0	37.5	35.0
300	62.5	60.9	59.4	57.8	56.3	54.0	51.7	49.3	47.0	44.3	42.4	40.5	38.5	36.1	33.6
250	59.0	57.5	56.0	54.6	53.1	50.8	48.6	46.4	44.2	41.6	39.8	37.9	36.1	33.7	31.4
200	56.1	54.7	53.3	51.9	50.4	48.3	46.1	44.0	41.8	39.4	37.6	35.8	34.0	31.8	29.5
150	51.2	49.8	48.5	47.2	45.9	43.9	41.9	39.9	37.9	35.6	33.9	32.2	30.6	28.5	26.3
100	46.0	44.8	43.6	42.4	41.2	39.3	37.5	35.6	33.8	31.7	30.1	28.6	27.1	25.1	23.2
50	33.0	32.1	31.2	30.2	29.3	27.8	26.4	25.0	23.6	21.9	20.8	19.6	18.4	16.9	15.4
10	12.3	11.9	11.5	11.0	10.6	10.0	9.3	8.7	8.1	7.4	6.9	6.4	5.9	5.2	4.6

C = 60
I = 134
K = 1.0

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	42.7	39.4	31.8	25.8	20.2	16.6	10.3	7.7	5.9	4.3	3.6	2.2	0.5	0.0	0.0
8000	42.7	39.4	31.8	25.8	20.2	16.6	10.3	7.7	5.9	4.3	3.6	2.2	0.5	0.0	0.0
6000	42.7	39.4	31.8	25.8	20.2	16.6	10.3	7.7	5.9	4.3	3.6	2.2	0.5	0.0	0.0
4000	42.7	39.4	31.8	25.8	20.2	16.6	10.3	7.7	5.9	4.3	3.6	2.2	0.5	0.0	0.0
3500	42.7	39.4	31.8	25.8	20.2	16.6	10.3	7.7	5.9	4.3	3.6	2.2	0.5	0.0	0.0
3000	42.7	39.4	31.8	25.8	20.2	16.6	10.3	7.7	5.9	4.3	3.6	2.2	0.5	0.0	0.0
2800	42.7	39.4	31.8	25.8	20.2	16.6	10.3	7.7	5.9	4.3	3.6	2.2	0.5	0.0	0.0
2600	42.7	39.4	31.8	25.8	20.2	16.6	10.3	7.7	5.9	4.3	3.6	2.2	0.5	0.0	0.0
2400	42.7	39.4	31.8	25.8	20.2	16.6	10.3	7.7	5.9	4.3	3.6	2.2	0.5	0.0	0.0
2200	42.7	39.4	31.8	25.8	20.2	16.6	10.3	7.7	5.9	4.3	3.6	2.2	0.5	0.0	0.0
2000	42.7	39.4	31.8	25.8	20.2	16.6	10.3	7.7	5.9	4.3	3.6	2.2	0.5	0.0	0.0
1800	42.1	38.9	31.4	25.5	19.9	16.4	10.1	7.5	5.8	4.3	3.5	2.1	0.0	0.0	0.0
1600	41.7	38.5	31.0	25.1	19.6	16.1	10.0	7.4	5.7	4.2	3.4	2.1	0.0	0.0	0.0
1500	41.4	38.3	30.8	25.0	19.5	16.0	9.9	7.3	5.7	4.1	3.4	2.0	0.0	0.0	0.0
1400	41.2	38.1	30.7	24.8	19.4	15.9	9.8	7.3	5.6	4.1	3.3	2.0	0.0	0.0	0.0
1300	41.0	37.8	30.5	24.6	19.2	15.8	9.7	7.2	5.6	4.0	3.3	2.0	0.0	0.0	0.0
1200	40.7	37.6	30.3	24.5	19.1	15.6	9.6	7.1	5.5	4.0	3.3	2.0	0.0	0.0	0.0
1100	40.5	37.4	30.1	24.3	18.9	15.5	9.6	7.1	5.5	4.0	3.2	1.9	0.0	0.0	0.0
1000	40.3	37.2	29.9	24.2	18.8	15.4	9.5	7.0	5.4	3.9	3.2	1.9	0.0	0.0	0.0
900	39.9	36.9	29.6	23.9	18.6	15.2	9.4	6.9	5.3	3.9	3.2	1.9	0.0	0.0	0.0
800	39.6	36.6	29.4	23.7	18.4	15.1	9.3	6.8	5.3	3.8	3.1	1.9	0.0	0.0	0.0
700	38.3	35.3	28.3	22.8	17.7	14.4	8.8	6.5	5.0	3.6	2.9	1.7	0.0	0.0	0.0
600	37.0	34.1	27.3	21.9	16.9	13.7	8.4	6.1	4.7	3.4	2.7	1.6	0.0	0.0	0.0
500	35.4	32.6	26.0	20.8	16.0	13.0	7.8	5.7	4.4	3.1	2.5	1.5	0.0	0.0	0.0
450	34.5	31.8	25.3	20.2	15.5	12.5	7.5	5.5	4.2	3.0	2.4	1.4	0.0	0.0	0.0
400	33.7	31.0	24.7	19.7	15.0	12.1	7.3	5.3	4.0	2.9	2.3	1.3	0.0	0.0	0.0
350	32.4	29.8	23.6	18.8	14.3	11.5	6.8	5.0	3.8	2.7	2.1	1.2	0.0	0.0	0.0
300	31.1	28.6	22.6	18.0	13.6	10.9	6.4	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
250	29.0	26.6	20.9	16.5	12.4	9.9	5.8	4.2	3.1	2.2	1.7	1.0	0.0	0.0	0.0
200	27.2	25.0	19.6	15.4	11.5	9.1	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
150	24.3	22.2	17.3	13.5	10.0	7.8	4.4	3.1	2.3	1.6	1.3	0.7	0.0	0.0	0.0
100	21.3	19.4	15.0	11.6	8.5	6.6	3.6	2.6	1.9	1.3	1.0	0.3	0.0	0.0	0.0
50	14.1	12.7	9.6	7.2	5.0	3.8	2.0	1.3	0.9	0.6	0.3	0.0	0.0	0.0	0.0
10	4.1	3.6	2.5	1.8	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 250
K = .5

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	75.0	73.2	71.5	69.7	68.0	65.3	62.6	60.0	57.3	54.3	52.1	49.9	47.7	44.9	42.1
8000	75.0	73.2	71.5	69.7	68.0	65.3	62.6	60.0	57.3	54.3	52.1	49.9	47.7	44.9	42.1
6000	75.0	73.2	71.5	69.7	68.0	65.3	62.6	60.0	57.3	54.3	52.1	49.9	47.7	44.9	42.1
4000	75.0	73.2	71.5	69.7	68.0	65.3	62.6	60.0	57.3	54.3	52.1	49.9	47.7	44.9	42.1
3500	75.0	73.2	71.5	69.7	68.0	65.3	62.6	60.0	57.3	54.3	52.1	49.9	47.7	44.9	42.1
3000	75.0	73.2	71.5	69.7	68.0	65.3	62.6	60.0	57.3	54.3	52.1	49.9	47.7	44.9	42.1
2800	74.9	73.1	71.4	69.6	67.9	65.2	62.5	59.9	57.2	54.2	52.0	49.8	47.6	44.8	42.0
2600	74.8	73.0	71.3	69.5	67.8	65.1	62.4	59.8	57.1	54.1	51.9	49.7	47.5	44.7	41.9
2400	74.7	72.9	71.2	69.4	67.6	65.0	62.3	59.7	57.0	54.0	51.8	49.6	47.4	44.7	41.9
2200	74.5	72.8	71.0	69.3	67.5	64.9	62.2	59.6	56.9	53.9	51.7	49.5	47.3	44.6	41.8
2000	74.4	72.7	70.9	69.2	67.4	64.8	62.1	59.5	56.8	53.8	51.6	49.4	47.3	44.5	41.7
1800	73.7	71.9	70.2	68.5	66.7	64.1	61.5	58.8	56.2	53.2	51.1	48.9	46.7	44.0	41.2
1600	72.9	71.2	69.5	67.8	66.0	63.4	60.8	58.2	55.6	52.6	50.5	48.3	46.2	43.4	40.7
1500	72.6	70.8	69.1	67.4	65.7	63.1	60.5	57.9	55.3	52.3	50.2	48.0	45.9	43.2	40.4
1400	72.2	70.5	68.8	67.1	65.3	62.8	60.2	57.6	55.0	52.0	49.9	47.7	45.6	42.9	40.2
1300	71.8	70.1	68.4	66.7	65.0	62.4	59.8	57.3	54.7	51.7	49.6	47.5	45.3	42.6	39.9
1200	71.4	69.7	68.0	66.3	64.6	62.1	59.5	56.9	54.4	51.4	49.3	47.2	45.1	42.4	39.7
1100	71.1	69.4	67.7	66.0	64.3	61.7	59.2	56.6	54.1	51.1	49.0	46.9	44.8	42.1	39.4
1000	70.7	69.0	67.3	65.6	63.9	61.4	58.8	56.3	53.7	50.8	48.7	46.6	44.5	41.8	39.2
900	69.6	68.0	66.3	64.6	63.0	60.4	57.9	55.4	52.9	50.0	47.9	45.8	43.7	41.1	38.4
800	68.5	66.9	65.2	63.6	61.9	59.4	56.9	54.4	51.9	49.1	47.0	45.0	42.9	40.3	37.7
700	66.3	64.7	63.1	61.5	59.9	57.5	55.0	52.6	50.2	47.4	45.4	43.3	41.3	38.8	36.2
600	64.1	62.6	61.0	59.4	57.9	55.5	53.1	50.7	48.4	45.7	43.7	41.7	39.7	37.2	34.8
500	61.3	59.8	58.3	56.8	55.2	53.0	50.7	48.4	46.1	43.4	41.5	39.6	37.7	35.3	32.9
450	59.9	58.4	56.9	55.5	54.0	51.7	49.5	47.2	44.9	42.4	40.5	38.6	36.7	34.4	32.0
400	58.9	57.4	55.9	54.5	53.0	50.8	48.5	46.3	44.1	41.6	39.7	37.9	36.0	33.7	31.3
350	57.2	55.7	54.3	52.9	51.4	49.2	47.1	44.9	42.7	40.2	38.4	36.6	34.8	32.5	30.2
300	55.5	54.1	52.7	51.2	49.8	47.7	45.6	43.4	41.3	38.9	37.1	35.3	33.6	31.3	29.1
250	52.7	51.4	50.0	48.7	47.3	45.3	43.2	41.2	39.1	36.8	35.1	33.4	31.7	29.5	27.3
200	50.0	48.7	47.4	46.1	44.8	42.8	40.9	38.9	36.9	34.7	33.0	31.4	29.8	27.7	25.6
150	44.8	43.6	42.4	41.2	40.0	38.2	36.4	34.6	32.8	30.7	29.2	27.7	26.2	24.3	22.4
100	39.7	38.6	37.5	36.4	35.3	33.7	32.0	30.4	28.8	26.9	25.5	24.1	22.8	21.0	19.3
50	28.2	27.4	26.6	25.7	24.9	23.6	22.4	21.1	19.9	18.4	17.4	16.4	15.3	14.0	12.7
10	10.2	9.8	9.4	9.1	8.7	8.2	7.6	7.1	6.6	6.0	5.5	5.1	4.7	4.2	3.6

C = 60
I = 250
K = .5

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	39.1	36.1	29.0	23.4	18.1	14.8	9.1	6.7	5.1	3.7	3.0	1.8	0.0	0.0	0.0
8000	39.1	36.1	29.0	23.4	18.1	14.8	9.1	6.7	5.1	3.7	3.0	1.8	0.0	0.0	0.0
6000	39.1	36.1	29.0	23.4	18.1	14.8	9.1	6.7	5.1	3.7	3.0	1.8	0.0	0.0	0.0
4000	39.1	36.1	29.0	23.4	18.1	14.8	9.1	6.7	5.1	3.7	3.0	1.8	0.0	0.0	0.0
3500	39.1	36.1	29.0	23.4	18.1	14.8	9.1	6.7	5.1	3.7	3.0	1.8	0.0	0.0	0.0
3000	39.1	36.1	29.0	23.4	18.1	14.8	9.1	6.7	5.1	3.7	3.0	1.8	0.0	0.0	0.0
2800	39.0	36.0	28.9	23.3	18.1	14.8	9.1	6.7	5.1	3.7	3.0	1.8	0.0	0.0	0.0
2600	39.0	35.9	28.9	23.3	18.0	14.7	9.0	6.6	5.1	3.7	3.0	1.8	0.0	0.0	0.0
2400	38.9	35.9	28.8	23.2	18.0	14.7	9.0	6.6	5.1	3.7	3.0	1.8	0.0	0.0	0.0
2200	38.8	35.8	28.7	23.2	18.0	14.7	9.0	6.6	5.1	3.7	3.0	1.8	0.0	0.0	0.0
2000	38.7	35.7	28.7	23.1	17.9	14.6	8.9	6.6	5.1	3.7	3.0	1.8	0.0	0.0	0.0
1800	38.3	35.3	28.3	22.8	17.6	14.4	8.8	6.5	5.0	3.6	2.9	1.7	0.0	0.0	0.0
1600	37.8	34.8	27.9	22.4	17.4	14.1	8.6	6.3	4.9	3.5	2.8	1.7	0.0	0.0	0.0
1500	37.5	34.6	27.7	22.3	17.2	14.0	8.5	6.3	4.8	3.5	2.8	1.7	0.0	0.0	0.0
1400	37.3	34.4	27.5	22.1	17.1	13.9	8.4	6.2	4.8	3.4	2.8	1.6	0.0	0.0	0.0
1300	37.0	34.1	27.3	21.9	16.9	13.8	8.4	6.1	4.7	3.4	2.7	1.6	0.0	0.0	0.0
1200	36.8	33.9	27.1	21.8	16.8	13.7	8.3	6.1	4.7	3.3	2.7	1.6	0.0	0.0	0.0
1100	36.6	33.7	26.9	21.6	16.7	13.5	8.2	6.0	4.6	3.3	2.7	1.6	0.0	0.0	0.0
1000	36.3	33.5	26.7	21.5	16.5	13.4	8.1	5.9	4.5	3.3	2.6	1.6	0.0	0.0	0.0
900	35.6	32.8	26.2	21.0	16.1	13.1	7.9	5.8	4.4	3.2	2.6	1.5	0.0	0.0	0.0
800	34.9	32.2	25.6	20.5	15.7	12.7	7.7	5.6	4.3	3.0	2.5	1.4	0.0	0.0	0.0
700	33.5	30.9	24.5	19.6	15.0	12.1	7.2	5.2	4.0	2.8	2.3	1.3	0.0	0.0	0.0
600	32.2	29.6	23.4	18.7	14.2	11.4	6.8	4.9	3.7	2.6	2.1	1.2	0.0	0.0	0.0
500	30.4	27.9	22.1	17.5	13.2	10.6	6.2	4.5	3.4	2.4	1.9	1.1	0.0	0.0	0.0
450	29.6	27.1	21.4	16.9	12.8	10.2	6.0	4.3	3.2	2.3	1.8	1.0	0.0	0.0	0.0
400	28.9	26.5	20.9	16.5	12.4	9.9	5.8	4.1	3.1	2.2	1.7	1.0	0.0	0.0	0.0
350	27.9	25.6	20.1	15.8	11.9	9.4	5.5	3.9	2.9	2.0	1.6	0.9	0.0	0.0	0.0
300	26.8	24.6	19.3	15.1	11.3	9.0	5.2	3.7	2.8	1.9	1.5	0.9	0.0	0.0	0.0
250	25.2	23.1	18.0	14.1	10.4	8.2	4.7	3.3	2.5	1.7	1.3	0.7	0.0	0.0	0.0
200	23.6	21.5	16.8	13.1	9.6	7.5	4.3	3.0	2.2	1.5	1.2	0.4	0.0	0.0	0.0
150	20.6	18.7	14.5	11.2	8.1	6.3	3.5	2.4	1.8	1.2	0.9	0.3	0.0	0.0	0.0
100	17.7	16.1	12.3	9.4	6.7	5.1	2.8	1.9	1.4	0.9	0.7	0.3	0.0	0.0	0.0
50	11.6	10.4	7.8	5.8	3.9	2.9	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
10	3.2	2.9	2.0	1.3	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 250
K = .6

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	90.0	88.0	86.0	84.0	82.0	78.9	75.9	72.9	69.8	66.4	63.9	61.4	58.9	55.8	52.7
8000	90.0	88.0	86.0	84.0	82.0	78.9	75.9	72.9	69.8	66.4	63.9	61.4	58.9	55.8	52.7
6000	90.0	88.0	86.0	84.0	82.0	78.9	75.9	72.9	69.8	66.4	63.9	61.4	58.9	55.8	52.7
4000	90.0	88.0	86.0	84.0	82.0	78.9	75.9	72.9	69.8	66.4	63.9	61.4	58.9	55.8	52.7
3500	90.0	88.0	86.0	84.0	82.0	78.9	75.9	72.9	69.8	66.4	63.9	61.4	58.9	55.8	52.7
3000	90.0	88.0	86.0	84.0	82.0	78.9	75.9	72.9	69.8	66.4	63.9	61.4	58.9	55.8	52.7
2800	90.0	88.0	86.0	84.0	82.0	78.9	75.9	72.9	69.8	66.4	63.9	61.4	58.9	55.8	52.7
2600	90.0	88.0	86.0	84.0	82.0	78.9	75.9	72.9	69.8	66.4	63.9	61.4	58.9	55.8	52.7
2400	90.0	88.0	86.0	84.0	82.0	78.9	75.9	72.9	69.8	66.4	63.9	61.4	58.9	55.8	52.7
2200	90.0	88.0	86.0	84.0	82.0	78.9	75.9	72.9	69.8	66.4	63.9	61.4	58.9	55.8	52.7
2000	90.0	88.0	86.0	84.0	82.0	78.9	75.9	72.9	69.8	66.4	63.9	61.4	58.9	55.8	52.7
1800	89.4	87.4	85.5	83.5	81.5	78.4	75.4	72.4	69.4	65.9	63.5	61.0	58.5	55.4	52.3
1600	88.9	86.9	84.9	82.9	80.9	77.9	74.9	71.9	68.9	65.5	63.0	60.6	58.1	55.0	51.9
1500	88.6	86.6	84.6	82.7	80.7	77.7	74.7	71.7	68.7	65.3	62.8	60.3	57.9	54.8	51.7
1400	88.3	86.4	84.4	82.4	80.4	77.4	74.4	71.4	68.4	65.0	62.6	60.1	57.7	54.6	51.5
1300	88.1	86.1	84.1	82.1	80.2	77.2	74.2	71.2	68.2	64.8	62.4	59.9	57.5	54.4	51.3
1200	87.8	85.8	83.8	81.9	79.9	76.9	73.9	71.0	68.0	64.6	62.1	59.7	57.3	54.2	51.1
1100	87.5	85.5	83.6	81.6	79.6	76.7	73.7	70.7	67.7	64.4	61.9	59.5	57.0	54.0	50.9
1000	87.2	85.3	83.3	81.3	79.4	76.4	73.4	70.5	67.5	64.1	61.7	59.3	56.8	53.8	50.7
900	86.1	84.2	82.2	80.3	78.3	75.4	72.5	69.5	66.6	63.2	60.8	58.4	56.0	52.9	49.9
800	85.0	83.1	81.2	79.2	77.3	74.4	71.5	68.6	65.6	62.3	59.9	57.5	55.2	52.1	49.1
700	83.3	81.4	79.5	77.6	75.7	72.9	70.0	67.1	64.2	61.0	58.6	56.3	53.9	50.9	47.9
600	81.7	79.8	77.9	76.1	74.2	71.4	68.5	65.7	62.9	59.6	57.3	55.0	52.6	49.7	46.7
500	79.1	77.3	75.4	73.6	71.8	69.0	66.2	63.5	60.7	57.6	55.3	53.0	50.7	47.8	44.9
450	78.0	76.1	74.3	72.5	70.7	68.0	65.2	62.5	59.8	56.6	54.4	52.1	49.9	47.0	44.1
400	76.8	75.0	73.2	71.4	69.7	66.9	64.2	61.5	58.8	55.7	53.5	51.3	49.0	46.2	43.4
350	74.5	72.8	71.0	69.3	67.5	64.9	62.2	59.6	56.9	53.9	51.7	49.5	47.3	44.6	41.8
300	72.3	70.6	68.8	67.1	65.4	62.8	60.2	57.6	55.1	52.1	50.0	47.8	45.7	43.0	40.2
250	68.8	67.1	65.4	63.8	62.1	59.6	57.2	54.7	52.2	49.3	47.2	45.2	43.1	40.5	37.8
200	65.0	63.4	61.8	60.2	58.7	56.3	53.9	51.5	49.1	46.3	44.4	42.4	40.4	37.9	35.3
150	58.6	57.1	55.7	54.2	52.7	50.5	48.3	46.1	43.9	41.3	39.5	37.6	35.8	33.5	31.1
100	53.5	52.1	50.8	49.4	48.0	46.0	43.9	41.8	39.8	37.4	35.7	33.9	32.2	30.0	27.8
50	39.2	38.1	37.1	36.0	34.9	33.3	31.6	30.0	28.4	26.5	25.2	23.8	22.5	20.7	19.0
10	15.0	14.5	14.0	13.5	13.0	12.3	11.5	10.8	10.0	9.2	8.6	8.0	7.4	6.6	5.9

C = 60
I = 250
K = .6

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	49.1	45.5	37.1	30.4	24.1	20.1	12.8	9.6	7.5	5.6	4.6	2.9	0.7	0.0	0.0
8000	49.1	45.5	37.1	30.4	24.1	20.1	12.8	9.6	7.5	5.6	4.6	2.9	0.7	0.0	0.0
6000	49.1	45.5	37.1	30.4	24.1	20.1	12.8	9.6	7.5	5.6	4.6	2.9	0.7	0.0	0.0
4000	49.1	45.5	37.1	30.4	24.1	20.1	12.8	9.6	7.5	5.6	4.6	2.9	0.7	0.0	0.0
3500	49.1	45.5	37.1	30.4	24.1	20.1	12.8	9.6	7.5	5.6	4.6	2.9	0.7	0.0	0.0
3000	49.1	45.5	37.1	30.4	24.1	20.1	12.8	9.6	7.5	5.6	4.6	2.9	0.7	0.0	0.0
2800	49.1	45.5	37.1	30.4	24.1	20.1	12.8	9.6	7.5	5.6	4.6	2.9	0.7	0.0	0.0
2600	49.1	45.5	37.1	30.4	24.1	20.1	12.8	9.6	7.5	5.6	4.6	2.9	0.7	0.0	0.0
2400	49.1	45.5	37.1	30.4	24.1	20.1	12.8	9.6	7.5	5.6	4.6	2.9	0.7	0.0	0.0
2200	49.1	45.5	37.1	30.4	24.1	20.1	12.8	9.6	7.5	5.6	4.6	2.9	0.7	0.0	0.0
2000	49.1	45.5	37.1	30.4	24.1	20.1	12.8	9.6	7.5	5.6	4.6	2.9	0.7	0.0	0.0
1800	48.7	45.2	36.7	30.1	23.9	19.9	12.6	9.5	7.4	5.5	4.6	2.8	0.7	0.0	0.0
1600	48.4	44.8	36.4	29.8	23.7	19.6	12.5	9.3	7.3	5.4	4.5	2.8	0.7	0.0	0.0
1500	48.2	44.6	36.3	29.7	23.5	19.5	12.4	9.3	7.3	5.4	4.5	2.7	0.7	0.0	0.0
1400	48.0	44.4	36.1	29.6	23.4	19.4	12.3	9.2	7.2	5.4	4.4	2.7	0.7	0.0	0.0
1300	47.8	44.3	36.0	29.4	23.3	19.3	12.3	9.2	7.2	5.3	4.4	2.7	0.7	0.0	0.0
1200	47.6	44.1	35.8	29.3	23.2	19.2	12.2	9.1	7.1	5.3	4.4	2.7	0.7	0.0	0.0
1100	47.4	43.9	35.7	29.2	23.1	19.1	12.1	9.1	7.1	5.3	4.3	2.7	0.7	0.0	0.0
1000	47.2	43.7	35.5	29.0	23.0	19.0	12.0	9.0	7.0	5.2	4.3	2.6	0.7	0.0	0.0
900	46.5	43.0	34.9	28.5	22.5	18.6	11.8	8.8	6.9	5.1	4.2	2.6	0.6	0.0	0.0
800	45.7	42.3	34.3	28.0	22.1	18.2	11.5	8.6	6.7	4.9	4.1	2.5	0.6	0.0	0.0
700	44.6	41.3	33.4	27.2	21.4	17.6	11.1	8.2	6.4	4.7	3.9	2.4	0.6	0.0	0.0
600	43.5	40.2	32.5	26.4	20.7	17.1	10.6	7.9	6.1	4.5	3.7	2.2	0.5	0.0	0.0
500	41.8	38.6	31.1	25.2	19.7	16.2	10.0	7.4	5.7	4.2	3.4	2.1	0.0	0.0	0.0
450	41.0	37.9	30.5	24.7	19.3	15.8	9.8	7.2	5.6	4.1	3.3	2.0	0.0	0.0	0.0
400	40.3	37.2	29.9	24.2	18.8	15.4	9.5	7.0	5.4	3.9	3.2	1.9	0.0	0.0	0.0
350	38.8	35.8	28.7	23.2	18.0	14.7	9.0	6.6	5.1	3.7	3.0	1.8	0.0	0.0	0.0
300	37.3	34.4	27.6	22.2	17.1	13.9	8.5	6.2	4.8	3.4	2.8	1.6	0.0	0.0	0.0
250	35.1	32.3	25.8	20.6	15.8	12.8	7.7	5.6	4.3	3.1	2.5	1.5	0.0	0.0	0.0
200	32.7	30.1	23.9	19.0	14.5	11.7	6.9	5.0	3.8	2.7	2.2	1.3	0.0	0.0	0.0
150	28.7	26.4	20.8	16.4	12.3	9.8	5.7	4.1	3.1	2.2	1.7	1.0	0.0	0.0	0.0
100	25.7	23.5	18.4	14.4	10.7	8.4	4.8	3.4	2.6	1.8	1.4	0.8	0.0	0.0	0.0
50	17.4	15.8	12.1	9.2	6.6	5.0	2.7	1.9	1.3	0.9	0.7	0.3	0.0	0.0	0.0
10	5.3	4.7	3.3	2.3	1.5	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 250
K = .7

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	105.0	102.8	100.5	98.3	96.1	92.7	89.3	85.9	82.6	78.7	76.0	73.3	70.5	67.1	63.6
8000	105.0	102.8	100.5	98.3	96.1	92.7	89.3	85.9	82.6	78.7	76.0	73.3	70.5	67.1	63.6
6000	105.0	102.8	100.5	98.3	96.1	92.7	89.3	85.9	82.6	78.7	76.0	73.3	70.5	67.1	63.6
4000	105.0	102.8	100.5	98.3	96.1	92.7	89.3	85.9	82.6	78.7	76.0	73.3	70.5	67.1	63.6
3500	105.0	102.8	100.5	98.3	96.1	92.7	89.3	85.9	82.6	78.7	76.0	73.3	70.5	67.1	63.6
3000	105.0	102.8	100.5	98.3	96.1	92.7	89.3	85.9	82.6	78.7	76.0	73.3	70.5	67.1	63.6
2800	105.0	102.8	100.5	98.3	96.1	92.7	89.3	85.9	82.6	78.7	76.0	73.3	70.5	67.1	63.6
2600	105.0	102.8	100.5	98.3	96.1	92.7	89.3	85.9	82.6	78.7	76.0	73.3	70.5	67.1	63.6
2400	105.0	102.8	100.5	98.3	96.1	92.7	89.3	85.9	82.6	78.7	76.0	73.3	70.5	67.1	63.6
2200	105.0	102.8	100.5	98.3	96.1	92.7	89.3	85.9	82.6	78.7	76.0	73.3	70.5	67.1	63.6
2000	105.0	102.8	100.5	98.3	96.1	92.7	89.3	85.9	82.6	78.7	76.0	73.3	70.5	67.1	63.6
1800	104.8	102.5	100.3	98.1	95.9	92.5	89.1	85.7	82.4	78.5	75.8	73.1	70.3	66.9	63.4
1600	104.5	102.3	100.1	97.9	95.6	92.3	88.9	85.5	82.2	78.3	75.6	72.9	70.2	66.7	63.3
1500	104.4	102.2	100.0	97.8	95.5	92.2	88.8	85.4	82.1	78.2	75.5	72.8	70.1	66.6	63.2
1400	104.3	102.1	99.9	97.6	95.4	92.1	88.7	85.3	82.0	78.1	75.4	72.7	70.0	66.5	63.1
1300	104.2	102.0	99.8	97.5	95.3	91.9	88.6	85.2	81.9	78.0	75.3	72.6	69.9	66.5	63.0
1200	104.1	101.9	99.6	97.4	95.2	91.8	88.5	85.1	81.8	78.0	75.2	72.5	69.8	66.4	62.9
1100	104.0	101.7	99.5	97.3	95.1	91.7	88.4	85.0	81.7	77.9	75.1	72.4	69.7	66.3	62.8
1000	103.8	101.6	99.4	97.2	95.0	91.6	88.3	84.9	81.6	77.8	75.0	72.3	69.6	66.2	62.7
900	102.8	100.6	98.4	96.2	94.0	90.7	87.4	84.0	80.7	76.9	74.2	71.5	68.8	65.4	62.0
800	101.8	99.6	97.4	95.2	93.1	89.7	86.4	83.1	79.8	76.1	73.4	70.7	68.0	64.6	61.2
700	100.7	98.5	96.4	94.2	92.0	88.7	85.5	82.2	78.9	75.2	72.5	69.8	67.2	63.8	60.4
600	99.6	97.4	95.3	93.1	91.0	87.7	84.4	81.2	77.9	74.2	71.6	68.9	66.3	62.9	59.6
500	97.0	94.9	92.8	90.7	88.5	85.3	82.1	79.0	75.8	72.1	69.5	66.9	64.3	61.0	57.7
450	95.7	93.6	91.5	89.4	87.3	84.2	81.0	77.8	74.7	71.1	68.5	65.9	63.3	60.1	56.8
400	94.4	92.4	90.3	88.2	86.1	83.0	79.9	76.7	73.6	70.0	67.4	64.9	62.3	59.1	55.8
350	92.1	90.1	88.1	86.0	84.0	80.9	77.8	74.7	71.6	68.1	65.6	63.1	60.6	57.4	54.2
300	89.9	87.9	85.9	83.9	81.9	78.8	75.8	72.8	69.7	66.3	63.8	61.3	58.8	55.7	52.6
250	86.2	84.2	82.3	80.3	78.4	75.5	72.5	69.6	66.6	63.3	60.9	58.5	56.0	53.0	49.9
200	82.5	80.6	78.7	76.8	75.0	72.1	69.3	66.4	63.6	60.3	58.0	55.6	53.3	50.3	47.3
150	76.0	74.2	72.4	70.6	68.9	66.2	63.5	60.8	58.1	55.0	52.8	50.6	48.4	45.6	42.8
100	69.9	68.2	66.5	64.9	63.2	60.7	58.1	55.6	53.1	50.2	48.1	46.0	43.9	41.3	38.6
50	53.2	51.9	50.5	49.2	47.8	45.7	43.7	41.6	39.5	37.2	35.5	33.7	32.0	29.8	27.7
10	23.0	22.3	21.6	20.9	20.2	19.1	18.0	17.0	15.9	14.7	13.8	13.0	12.1	11.0	9.9

C = 60
I = 250
K = .7

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	59.5	55.4	45.6	37.9	30.7	25.9	17.0	13.0	10.3	7.9	6.6	4.2	1.2	0.0	0.0
8000	59.5	55.4	45.6	37.9	30.7	25.9	17.0	13.0	10.3	7.9	6.6	4.2	1.2	0.0	0.0
6000	59.5	55.4	45.6	37.9	30.7	25.9	17.0	13.0	10.3	7.9	6.6	4.2	1.2	0.0	0.0
4000	59.5	55.4	45.6	37.9	30.7	25.9	17.0	13.0	10.3	7.9	6.6	4.2	1.2	0.0	0.0
3500	59.5	55.4	45.6	37.9	30.7	25.9	17.0	13.0	10.3	7.9	6.6	4.2	1.2	0.0	0.0
3000	59.5	55.4	45.6	37.9	30.7	25.9	17.0	13.0	10.3	7.9	6.6	4.2	1.2	0.0	0.0
2800	59.5	55.4	45.6	37.9	30.7	25.9	17.0	13.0	10.3	7.9	6.6	4.2	1.2	0.0	0.0
2600	59.5	55.4	45.6	37.9	30.7	25.9	17.0	13.0	10.3	7.9	6.6	4.2	1.2	0.0	0.0
2400	59.5	55.4	45.6	37.9	30.7	25.9	17.0	13.0	10.3	7.9	6.6	4.2	1.2	0.0	0.0
2200	59.5	55.4	45.6	37.9	30.7	25.9	17.0	13.0	10.3	7.9	6.6	4.2	1.2	0.0	0.0
2000	59.5	55.4	45.6	37.9	30.7	25.9	17.0	13.0	10.3	7.9	6.6	4.2	1.2	0.0	0.0
1800	59.4	55.2	45.5	37.8	30.6	25.8	17.0	12.9	10.3	7.8	6.6	4.2	1.2	0.0	0.0
1600	59.2	55.1	45.4	37.7	30.5	25.7	16.9	12.9	10.2	7.8	6.5	4.2	1.2	0.0	0.0
1500	59.1	55.0	45.3	37.6	30.4	25.7	16.9	12.8	10.2	7.8	6.5	4.1	1.2	0.0	0.0
1400	59.0	54.9	45.2	37.6	30.4	25.7	16.8	12.8	10.2	7.8	6.5	4.1	1.2	0.0	0.0
1300	59.0	54.8	45.2	37.5	30.3	25.6	16.8	12.8	10.2	7.8	6.5	4.1	1.2	0.0	0.0
1200	58.9	54.8	45.1	37.4	30.3	25.6	16.8	12.8	10.2	7.7	6.5	4.1	1.1	0.0	0.0
1100	58.8	54.7	45.0	37.4	30.2	25.5	16.7	12.7	10.1	7.7	6.5	4.1	1.1	0.0	0.0
1000	58.7	54.6	45.0	37.3	30.2	25.5	16.7	12.7	10.1	7.7	6.4	4.1	1.1	0.0	0.0
900	58.0	53.9	44.4	36.8	29.7	25.0	16.4	12.5	9.9	7.5	6.3	4.0	1.1	0.0	0.0
800	57.3	53.2	43.8	36.3	29.2	24.6	16.1	12.2	9.7	7.4	6.1	3.9	1.1	0.0	0.0
700	56.5	52.5	43.1	35.7	28.8	24.2	15.8	12.0	9.5	7.2	6.0	3.8	1.0	0.0	0.0
600	55.7	51.8	42.5	35.1	28.3	23.7	15.4	11.7	9.3	7.0	5.8	3.7	1.0	0.0	0.0
500	53.9	50.1	41.0	33.8	27.1	22.7	14.7	11.1	8.8	6.6	5.5	3.4	0.9	0.0	0.0
450	53.0	49.2	40.3	33.2	26.6	22.2	14.3	10.8	8.5	6.4	5.3	3.3	0.9	0.0	0.0
400	52.1	48.4	39.5	32.5	26.0	21.7	14.0	10.5	8.3	6.2	5.2	3.2	0.8	0.0	0.0
350	50.6	46.9	38.3	31.4	25.0	20.9	13.3	10.0	7.9	5.9	4.9	3.0	0.8	0.0	0.0
300	49.0	45.4	37.0	30.3	24.1	20.0	12.7	9.6	7.5	5.6	4.6	2.8	0.7	0.0	0.0
250	46.5	43.1	34.9	28.5	22.5	18.7	11.8	8.8	6.9	5.1	4.2	2.6	0.6	0.0	0.0
200	44.1	40.7	32.9	26.8	21.0	17.4	10.8	8.1	6.3	4.6	3.8	2.3	0.6	0.0	0.0
150	39.7	36.7	29.5	23.8	18.5	15.1	9.3	6.9	5.3	3.8	3.1	1.9	0.0	0.0	0.0
100	35.8	33.0	26.3	21.1	16.2	13.2	8.0	5.8	4.4	3.2	2.6	1.5	0.0	0.0	0.0
50	25.5	23.3	18.2	14.3	10.6	8.4	4.8	3.4	2.5	1.7	1.4	0.8	0.0	0.0	0.0
10	8.9	8.0	5.9	4.3	2.9	2.1	1.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0

C = 60
I = 250
K = .8

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
8000	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
6000	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
4000	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
3500	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
3000	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
2800	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
2600	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
2400	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
2200	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
2000	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
1800	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
1600	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
1500	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
1400	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
1300	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
1200	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
1100	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
1000	120.0	117.6	115.1	112.7	110.2	106.5	102.8	99.1	95.4	91.2	88.3	85.3	82.4	78.7	74.9
900	119.2	116.8	114.3	111.9	109.5	105.8	102.1	98.4	94.7	90.6	87.6	84.7	81.7	78.0	74.3
800	118.4	116.0	113.5	111.1	108.7	105.0	101.4	97.7	94.0	89.9	87.0	84.0	81.1	77.4	73.7
700	116.6	114.2	111.8	109.4	107.0	103.4	99.8	96.1	92.5	88.4	85.5	82.6	79.7	76.0	72.3
600	114.8	112.5	110.1	107.7	105.3	101.8	98.2	94.6	91.0	86.9	84.0	81.2	78.3	74.6	71.0
500	112.6	110.2	107.9	105.6	103.2	99.7	96.1	92.6	89.0	85.0	82.2	79.3	76.5	72.9	69.3
450	111.5	109.1	106.8	104.5	102.2	98.6	95.1	91.6	88.1	84.1	81.3	78.4	75.6	72.0	68.4
400	110.3	108.0	105.7	103.4	101.1	97.6	94.1	90.6	87.1	83.1	80.3	77.5	74.7	71.1	67.6
350	108.7	106.4	104.1	101.9	99.6	96.1	92.6	89.2	85.7	81.8	79.0	76.2	73.4	69.9	66.4
300	107.2	104.9	102.7	100.4	98.1	94.7	91.3	87.8	84.4	80.5	77.8	75.0	72.2	68.7	65.2
250	103.8	101.6	99.4	97.2	95.0	91.6	88.3	84.9	81.6	77.8	75.0	72.3	69.6	66.2	62.7
200	100.5	98.3	96.2	94.0	91.8	88.6	85.3	82.0	78.7	75.0	72.3	69.7	67.0	63.7	60.3
150	93.1	91.1	89.0	87.0	84.9	81.8	78.7	75.6	72.5	69.0	66.4	63.9	61.3	58.1	54.9
100	85.8	83.9	82.0	80.0	78.1	75.1	72.2	69.3	66.3	63.0	60.6	58.2	55.8	52.7	49.7
50	67.1	65.5	63.9	62.3	60.6	58.2	55.7	53.3	50.8	48.0	46.0	43.9	41.9	39.3	36.8
10	31.6	30.7	29.8	28.9	28.0	26.6	25.2	23.9	22.5	20.9	19.8	18.6	17.5	16.1	14.6

C = 60
I = 250
K = .8

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
8000	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
6000	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
4000	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
3500	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
3000	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
2800	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
2600	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
2400	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
2200	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
2000	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
1800	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
1600	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
1500	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
1400	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
1300	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
1200	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
1100	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
1000	70.3	65.7	54.7	46.0	37.9	32.4	21.9	16.9	13.6	10.6	9.0	5.9	1.8	0.0	0.0
900	69.8	65.1	54.2	45.5	37.5	32.0	21.6	16.7	13.5	10.5	8.9	5.8	1.8	0.0	0.0
800	69.2	64.5	53.7	45.1	37.1	31.7	21.3	16.5	13.3	10.3	8.7	5.7	1.7	0.0	0.0
700	67.9	63.3	52.6	44.1	36.2	30.9	20.7	16.0	12.9	10.0	8.4	5.5	1.6	0.0	0.0
600	66.6	62.1	51.5	43.1	35.3	30.1	20.1	15.5	12.5	9.6	8.1	5.3	1.6	0.0	0.0
500	65.0	60.5	50.1	41.9	34.3	29.1	19.4	14.9	12.0	9.2	7.8	5.0	1.5	0.0	0.0
450	64.1	59.8	49.5	41.3	33.7	28.6	19.0	14.6	11.7	9.0	7.6	4.9	1.4	0.0	0.0
400	63.3	59.0	48.8	40.7	33.2	28.2	18.7	14.3	11.5	8.8	7.4	4.8	1.4	0.0	0.0
350	62.2	57.9	47.8	39.9	32.4	27.5	18.2	13.9	11.1	8.5	7.2	4.6	1.3	0.0	0.0
300	61.1	56.9	46.9	39.1	31.7	26.8	17.7	13.5	10.8	8.3	6.9	4.4	1.3	0.0	0.0
250	58.7	54.6	45.0	37.3	30.2	25.5	16.7	12.7	10.1	7.7	6.4	4.1	1.1	0.0	0.0
200	56.4	52.4	43.0	35.6	28.7	24.1	15.7	11.9	9.4	7.2	6.0	3.8	1.0	0.0	0.0
150	51.3	47.5	38.8	31.9	25.4	21.2	13.6	10.3	8.1	6.0	5.0	3.1	0.8	0.0	0.0
100	46.3	42.8	34.8	28.4	22.4	18.5	11.7	8.7	6.8	5.0	4.1	2.5	0.6	0.0	0.0
50	34.1	31.3	24.9	19.9	15.2	12.3	7.4	5.4	4.1	2.9	2.3	1.4	0.0	0.0	0.0
10	13.3	12.0	9.0	6.8	4.7	3.5	1.8	1.2	0.9	0.5	0.3	0.0	0.0	0.0	0.0

C = 60
I = 250
K = .9

(L)
Unsheltered
Distance
In Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
8000	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
6000	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
4000	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
3500	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
3000	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
2800	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
2600	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
2400	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
2200	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
2000	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
1800	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
1600	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
1500	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
1400	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
1300	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
1200	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
1100	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
1000	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
900	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
800	135.0	132.4	129.7	127.1	124.4	120.4	116.4	112.4	108.4	103.9	100.8	97.6	94.5	90.5	86.6
700	133.7	131.0	128.4	125.8	123.2	119.2	115.2	111.2	107.3	102.8	99.7	96.5	93.4	89.5	85.5
600	132.3	129.7	127.1	124.5	121.9	117.9	114.0	110.0	106.1	101.6	98.5	95.4	92.3	88.4	84.5
500	130.2	127.6	125.0	122.4	119.9	116.0	112.0	108.1	104.2	99.8	96.7	93.7	90.6	86.7	82.8
450	129.1	126.5	123.9	121.4	118.8	114.9	111.0	107.2	103.3	98.9	95.8	92.8	89.7	85.8	81.9
400	128.0	125.4	122.9	120.3	117.8	113.9	110.0	106.2	102.3	97.9	94.9	91.8	88.8	84.9	81.1
350	125.8	123.3	120.8	118.3	115.7	111.9	108.1	104.3	100.5	96.1	93.1	90.1	87.1	83.2	79.4
300	123.7	121.2	118.7	116.2	113.7	109.9	106.2	102.4	98.6	94.3	91.4	88.4	85.4	81.6	77.8
250	119.7	117.2	114.8	112.4	109.9	106.2	102.5	98.8	95.1	91.0	88.0	85.1	82.1	78.4	74.7
200	116.1	113.7	111.3	109.0	106.6	102.9	99.3	95.7	92.1	88.0	85.1	82.2	79.3	75.6	72.0
150	109.1	106.8	104.5	102.2	99.9	96.5	93.0	89.5	86.1	82.1	79.3	76.5	73.7	70.2	66.7
100	103.3	101.1	98.9	96.7	94.5	91.2	87.8	84.5	81.1	77.3	74.6	71.9	69.2	65.8	62.4
50	81.7	79.9	78.0	76.1	74.2	71.4	68.6	65.7	62.9	59.7	57.4	55.0	52.7	49.7	46.8
10	39.7	38.6	37.5	36.4	35.3	33.7	32.0	30.4	28.8	26.9	25.5	24.1	22.8	21.0	19.3

C = 60
I = 250
K = .9

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
8000	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
6000	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
4000	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
3500	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
3000	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
2800	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
2600	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
2400	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
2200	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
2000	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
1800	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
1600	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
1500	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
1400	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
1300	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
1200	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
1100	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
1000	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
900	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
800	81.5	76.3	64.1	54.5	45.5	39.5	27.3	21.3	17.4	13.8	11.8	7.9	2.6	0.0	0.0
700	80.5	75.3	63.2	53.7	44.8	38.8	26.8	20.9	17.1	13.5	11.5	7.7	2.5	0.0	0.0
600	79.5	74.4	62.4	52.9	44.1	38.2	26.3	20.5	16.7	13.2	11.3	7.5	2.5	0.0	0.0
500	77.9	72.8	61.0	51.7	43.0	37.1	25.5	19.9	16.2	12.7	10.9	7.2	2.3	0.0	0.0
450	77.1	72.1	60.3	51.1	42.4	36.6	25.1	19.5	15.9	12.5	10.6	7.1	2.3	0.0	0.0
400	76.2	71.3	59.6	50.4	41.9	36.1	24.7	19.2	15.6	12.3	10.4	6.9	2.2	0.0	0.0
350	74.6	69.8	58.3	49.2	40.8	35.1	23.9	18.6	15.1	11.8	10.0	6.6	2.1	0.0	0.0
300	73.1	68.3	56.9	48.0	39.7	34.1	23.1	18.0	14.5	11.4	9.6	6.3	2.0	0.0	0.0
250	70.1	65.4	54.5	45.8	37.7	32.3	21.8	16.8	13.6	10.6	8.9	5.8	1.8	0.0	0.0
200	67.5	63.0	52.3	43.8	36.0	30.7	20.6	15.8	12.7	9.9	8.3	5.4	1.6	0.0	0.0
150	62.5	58.2	48.1	40.1	32.6	27.6	18.3	14.0	11.2	8.6	7.2	4.6	1.3	0.0	0.0
100	58.4	54.3	44.7	37.0	29.9	25.3	16.5	12.6	10.0	7.6	6.4	4.0	1.1	0.0	0.0
50	43.5	40.3	32.5	26.4	20.7	17.1	10.7	7.9	6.1	4.5	3.7	2.2	0.5	0.0	0.0
10	17.7	16.1	12.3	9.4	6.7	5.1	2.8	1.9	1.4	0.9	0.7	0.3	0.0	0.0	0.0

C = 60
I = 250
K = 1.0

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700
10000	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
8000	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
6000	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
4000	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
3500	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
3000	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
2800	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
2600	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
2400	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
2200	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
2000	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
1800	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
1600	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
1500	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
1400	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
1300	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
1200	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
1100	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
1000	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
900	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
800	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
700	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
600	150.0	147.2	144.3	141.5	138.7	134.4	130.1	125.8	121.6	116.7	113.4	110.2	106.9	102.7	98.5
500	148.3	145.5	142.7	139.9	137.1	132.8	128.6	124.3	120.1	115.3	112.0	108.8	105.5	101.3	97.1
450	147.5	144.7	141.9	139.1	136.3	132.1	127.8	123.6	119.4	114.6	111.3	108.1	104.8	100.6	96.5
400	146.7	143.9	141.1	138.3	135.5	131.3	127.1	122.9	118.6	113.9	110.6	107.4	104.1	100.0	95.8
350	145.0	142.2	139.5	136.7	133.9	129.7	125.5	121.4	117.2	112.5	109.2	106.0	102.7	98.6	94.5
300	143.3	140.6	137.8	135.1	132.3	128.2	124.0	119.9	115.7	111.0	107.8	104.6	101.3	97.2	93.2
250	140.0	137.3	134.6	131.9	129.2	125.1	121.0	116.9	112.8	108.2	105.0	101.8	98.6	94.6	90.5
200	136.4	133.8	131.1	128.4	125.8	121.8	117.7	113.7	109.7	105.1	102.0	98.8	95.7	91.7	87.7
150	129.3	126.7	124.1	121.6	119.0	115.1	111.2	107.3	103.4	99.0	96.0	92.9	89.8	86.0	82.1
100	121.9	119.4	116.9	114.4	112.0	108.2	104.5	100.8	97.0	92.8	89.8	86.8	83.9	80.1	76.3
50	97.9	95.7	93.6	91.5	89.4	86.1	82.9	79.7	76.5	72.8	70.2	67.6	65.0	61.7	58.3
10	52.2	50.9	49.5	48.2	46.8	44.8	42.8	40.7	38.7	36.4	34.7	33.0	31.3	29.2	27.0

C = 60
I = 250
K = 1.0

(V) - Small Grain Equivalent In Pounds Per Acre

(L) Unsheltered Distance In Feet	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
8000	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
6000	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
4000	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
3500	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
3000	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
2800	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
2600	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
2400	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
2200	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
2000	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
1800	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
1600	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
1500	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
1400	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
1300	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
1200	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
1100	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
1000	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
900	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
800	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
700	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
600	93.0	87.3	73.9	63.4	53.7	47.0	33.2	26.3	21.7	17.5	15.1	10.3	3.6	0.4	0.0
500	91.7	86.0	72.8	62.4	52.8	46.2	32.5	25.7	21.2	17.0	14.7	10.0	3.5	0.4	0.0
450	91.0	85.4	72.2	61.9	52.3	45.7	32.2	25.4	21.0	16.8	14.5	9.9	3.5	0.4	0.0
400	90.4	84.8	71.7	61.4	51.9	45.3	31.8	25.1	20.7	16.6	14.3	9.7	3.4	0.0	0.0
350	89.1	83.6	70.6	60.4	50.9	44.5	31.2	24.6	20.2	16.2	13.9	9.4	3.3	0.0	0.0
300	87.8	82.4	69.5	59.4	50.0	43.6	30.5	24.0	19.8	15.8	13.6	9.2	3.2	0.0	0.0
250	85.3	79.9	67.3	57.4	48.2	41.9	29.2	22.9	18.8	15.0	12.8	8.7	2.9	0.0	0.0
200	82.6	77.3	65.0	55.3	46.3	40.2	27.8	21.8	17.8	14.1	12.1	8.1	2.7	0.0	0.0
150	77.2	72.2	60.4	51.2	42.5	36.7	25.1	19.6	15.9	12.5	10.7	7.1	2.3	0.0	0.0
100	71.7	67.0	55.8	47.0	38.8	33.2	22.5	17.4	14.1	11.0	9.3	6.1	1.9	0.0	0.0
50	54.5	50.6	41.5	34.3	27.5	23.1	14.9	11.3	8.9	6.7	5.6	3.5	0.9	0.0	0.0
10	24.9	22.8	17.8	13.9	10.3	8.1	4.6	3.3	2.4	1.7	1.3	0.7	0.0	0.0	0.0