C = 25
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	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
8000	4.7	4.5	4.4	4.2	4.0	3.7	3.4	3.1	2.9	2.6	2.4	2.1	1.9	1.7	1.4
6000	4.4	4.2	4.1	3.9	3.7	3.4	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.5	1.3
4000	4.0	3.9	3.7	3.6	3.4	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.4	1.2
3500	3.8	3.7	3.5	3.4	3.2	3.0	2.7	2.5	2.3	2.0	1.9	1.7	1.5	1.3	1.1
3000	3.6	3.4	3.3	3.1	3.0	2.8	2.6	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0
2800	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
2600	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
2400	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
2200	3.2	3.0	2.9	2.8	2.6	2.4	2.3	2.1	1.9	1.6	1.5	1.4	1.2	1.0	0.9
2000	3.1	2.9	2.8	2.7	2.6	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8
1800	2.7	2.6	2.5	2.4	2.3	2.1	1.9	1.8	1.6	1.4	1.3	1.2	1.0	0.9	0.7
1600	2.4	2.3	2.2	2.1	2.0	1.9	1.7	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.6
1500	2.3	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.1	1.0	0.9	0.8	0.7	0.6
1400	2.1	2.0	1.9	1.8	1.8	1.6	1.5	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.5
1300	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
1200	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
1100	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.3	0.1
1000	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
900	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.4	0.3	0.1
800	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.1
700	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
600	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.1
500	0.9	0.9	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
450	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
400	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
350	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
300	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
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
[illegible]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
[illegible]	0.0	0.0	0.0	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

= 25
= 38
= .5

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	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
8000	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
6000	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
4000	1.0	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
3500	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
3000	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
2800	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
2600	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
2400	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
2200	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
2000	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
1800	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
1600	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
1500	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
1400	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
1300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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 = 25
I = 38
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	5.7	5.5	5.3	5.1	4.8	4.5	4.2	3.8	3.5	3.2	2.9	2.7	2.4	2.1	1.8
8000	5.7	5.5	5.3	5.1	4.8	4.5	4.2	3.8	3.5	3.2	2.9	2.7	2.4	2.1	1.8
6000	5.0	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
4000	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
3500	4.4	4.2	4.1	3.9	3.7	3.5	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.3
3000	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
2800	4.1	3.9	3.7	3.6	3.4	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.4	1.2
2600	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
2400	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
2200	3.8	3.6	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.0	1.8	1.7	1.5	1.3	1.1
2000	3.7	3.6	3.4	3.3	3.1	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.1
1800	3.4	3.3	3.1	3.0	2.9	2.7	2.5	2.2	2.0	1.8	1.6	1.5	1.3	1.2	1.0
1600	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
1500	3.0	2.9	2.8	2.6	2.5	2.3	2.1	1.9	1.8	1.6	1.4	1.3	1.2	1.0	0.8
1400	2.9	2.7	2.6	2.5	2.4	2.2	2.0	1.8	1.7	1.5	1.3	1.2	1.1	0.9	0.8
1300	2.7	2.6	2.5	2.4	2.3	2.1	1.9	1.8	1.6	1.4	1.3	1.2	1.0	0.9	0.7
1200	2.6	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.3	1.2	1.1	1.0	0.8	0.7
1100	2.4	2.3	2.2	2.1	2.0	1.9	1.7	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.6
1000	2.3	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.3	1.2	1.1	0.9	0.8	0.7	0.6
900	2.0	1.9	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.0	0.8	0.7	0.5	0.3	0.1
800	1.9	1.8	1.7	1.7	1.6	1.5	1.3	1.2	1.1	0.9	0.8	0.6	0.5	0.3	0.1
700	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
600	1.5	1.5	1.4	1.3	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.1
500	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1
450	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.1
400	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
350	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
300	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
250	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
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 = 25
I = 38
K = .6

(L)
heltered
stance
n 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	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
8000	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
6000	1.4	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
4000	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
3500	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
3000	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
2800	1.0	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
2600	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
2400	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
2200	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
2000	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
1800	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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 = 25
I = 38
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	6.7	6.4	6.2	5.9	5.7	5.3	4.9	4.5	4.2	3.7	3.5	3.2	2.9	2.5	2.2
8000	6.7	6.4	6.2	5.9	5.7	5.3	4.9	4.5	4.2	3.7	3.5	3.2	2.9	2.5	2.2
6000	6.1	5.9	5.7	5.4	5.2	4.9	4.5	4.2	3.8	3.4	3.2	2.9	2.6	2.3	2.0
4000	5.2	5.0	4.8	4.6	4.4	4.1	3.8	3.5	3.2	2.9	2.6	2.4	2.2	1.9	1.6
3500	4.9	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.0	2.7	2.4	2.2	2.0	1.8	1.5
3000	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
2800	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
2600	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
2400	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
2200	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
2000	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
1800	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
1600	3.7	3.5	3.4	3.2	3.1	2.9	2.6	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.1
1500	3.6	3.4	3.3	3.1	3.0	2.8	2.6	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0
1400	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
1300	3.3	3.2	3.0	2.9	2.8	2.6	2.4	2.2	2.0	1.7	1.6	1.4	1.3	1.1	0.9
1200	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
1100	3.1	2.9	2.8	2.7	2.6	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8
1000	2.9	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
900	2.7	2.6	2.5	2.4	2.2	2.1	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.7
800	2.4	2.3	2.2	2.1	2.0	1.9	1.7	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.6
700	2.0	1.9	1.8	1.7	1.7	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.5	0.3	0.1
600	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
500	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3	0.1
450	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
400	1.4	1.3	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.2	0.1
350	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.1
300	1.0	0.9	0.8	0.7	0.7	0.6	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
250	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
200	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.2	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

= 25
= 38
= .7

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	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
8000	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
6000	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
4000	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
3500	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
3000	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
2800	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
2600	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
2400	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
2200	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
2000	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
1800	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	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
700	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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 = 25
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	7.6	7.3	7.0	6.8	6.5	6.1	5.6	5.2	4.8	4.3	4.0	3.7	3.4	3.0	2.5
8000	7.6	7.3	7.0	6.8	6.5	6.1	5.6	5.2	4.8	4.3	4.0	3.7	3.4	3.0	2.5
6000	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
4000	6.3	6.0	5.8	5.6	5.3	5.0	4.6	4.3	3.9	3.5	3.2	3.0	2.7	2.4	2.0
3500	6.0	5.7	5.5	5.3	5.1	4.7	4.4	4.0	3.7	3.3	3.1	2.8	2.5	2.2	1.9
3000	5.7	5.5	5.2	5.0	4.8	4.5	4.2	3.8	3.5	3.1	2.9	2.7	2.4	2.1	1.8
2800	5.4	5.2	5.0	4.8	4.6	4.3	4.0	3.6	3.3	3.0	2.7	2.5	2.3	2.0	1.7
2600	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
2400	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
2200	4.8	4.7	4.5	4.3	4.1	3.8	3.5	3.2	3.0	2.6	2.4	2.2	2.0	1.7	1.5
2000	4.7	4.5	4.4	4.2	4.0	3.7	3.4	3.2	2.9	2.6	2.4	2.2	1.9	1.7	1.4
1800	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
1600	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
1500	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
1400	4.0	3.9	3.7	3.6	3.4	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.4	1.2
1300	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
1200	3.8	3.7	3.5	3.4	3.2	3.0	2.7	2.5	2.3	2.0	1.9	1.7	1.5	1.3	1.1
1100	3.7	3.5	3.4	3.2	3.1	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.1
1000	3.6	3.4	3.3	3.1	3.0	2.8	2.6	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0
900	3.3	3.2	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.7	1.6	1.4	1.3	1.1	0.9
800	3.1	3.0	2.8	2.7	2.6	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8
700	2.7	2.6	2.5	2.4	2.3	2.1	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.7
600	2.3	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.3	1.2	1.1	1.0	0.9	0.7	0.6
500	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
450	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.7	0.6	0.5	0.3	0.1
400	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
350	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.1
300	1.3	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.2	0.1
250	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.1
200	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
150	0.6	0.5	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
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 = 25
I = 38
K = .8

(L)
heltered
stance
n 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	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
8000	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
6000	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
4000	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
3500	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
3000	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
2800	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
2600	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
2400	1.3	1.2	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
2200	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
2000	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
1800	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
1600	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
1500	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
1400	1.0	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
1300	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
1200	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
1100	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
1000	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
900	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
800	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
700	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
600	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
500	0.0	0.0	0.0	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	0.0	0.0	0.0	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 = 25
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	8.6	8.2	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
8000	8.6	8.2	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
6000	8.2	7.9	7.6	7.3	7.0	6.5	6.1	5.7	5.2	4.7	4.4	4.0	3.7	3.2	2.8
4000	7.1	6.8	6.6	6.3	6.1	5.7	5.3	4.9	4.5	4.0	3.7	3.4	3.1	2.7	2.3
3500	6.8	6.6	6.3	6.1	5.8	5.4	5.0	4.7	4.3	3.8	3.5	3.3	3.0	2.6	2.2
3000	6.5	6.3	6.0	5.8	5.5	5.2	4.8	4.4	4.1	3.7	3.4	3.1	2.8	2.5	2.1
2800	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
2600	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
2400	5.9	5.6	5.4	5.2	5.0	4.6	4.3	4.0	3.6	3.3	3.0	2.8	2.5	2.2	1.9
2200	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
2000	5.4	5.2	5.0	4.8	4.6	4.3	4.0	3.7	3.3	3.0	2.8	2.5	2.3	2.0	1.7
1800	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
1600	4.7	4.5	4.4	4.2	4.0	3.7	3.4	3.2	2.9	2.6	2.4	2.2	1.9	1.7	1.4
1500	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
1400	4.5	4.3	4.1	4.0	3.8	3.5	3.2	3.0	2.7	2.4	2.2	2.0	1.8	1.6	1.3
1300	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
1200	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	1.3
1100	4.1	4.0	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
1000	4.0	3.9	3.7	3.5	3.4	3.1	2.9	2.7	2.4	2.1	2.0	1.8	1.6	1.4	1.2
900	3.8	3.7	3.5	3.4	3.2	3.0	2.8	2.5	2.3	2.0	1.9	1.7	1.5	1.3	1.1
800	3.6	3.5	3.3	3.2	3.1	2.8	2.6	2.4	2.2	1.9	1.8	1.6	1.4	1.2	1.0
700	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
600	2.9	2.8	2.7	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.4	1.3	1.1	1.0	0.8
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	2.2	2.2	2.1	2.0	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.7	0.6
400	2.0	1.9	1.8	1.8	1.7	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.5	0.3	0.1
350	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.3	0.1
300	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
250	1.4	1.3	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
200	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
150	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
100	0.5	0.5	0.4	0.4	0.4	0.3	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

= 25
= 38
= .9

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	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
8000	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
6000	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
4000	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
3500	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
3000	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
2800	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
2600	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
2400	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
2200	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
2000	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
1800	1.3	1.2	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	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
700	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
600	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
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	0.5	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
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 = 25
I = 38
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	9.5	9.2	8.8	8.5	8.2	7.6	7.1	6.6	6.1	5.5	5.1	4.8	4.4	3.9	3.3
8000	9.5	9.2	8.8	8.5	8.2	7.6	7.1	6.6	6.1	5.5	5.1	4.8	4.4	3.9	3.3
6000	9.4	9.0	8.7	8.4	8.0	7.5	7.0	6.5	6.0	5.4	5.1	4.7	4.3	3.8	3.3
4000	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
3500	8.1	7.8	7.5	7.2	6.9	6.5	6.0	5.6	5.1	4.6	4.3	4.0	3.6	3.2	2.8
3000	7.8	7.5	7.2	6.9	6.7	6.2	5.8	5.4	4.9	4.5	4.1	3.8	3.5	3.0	2.6
2800	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
2600	7.3	7.0	6.8	6.5	6.2	5.8	5.4	5.0	4.6	4.2	3.8	3.5	3.2	2.8	2.4
2400	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
2200	6.8	6.6	6.3	6.1	5.8	5.4	5.0	4.7	4.3	3.9	3.6	3.3	3.0	2.6	2.2
2000	6.6	6.3	6.1	5.9	5.6	5.2	4.9	4.5	4.1	3.7	3.4	3.1	2.9	2.5	2.1
1800	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
1600	5.6	5.4	5.2	4.9	4.7	4.4	4.1	3.8	3.4	3.1	2.8	2.6	2.4	2.1	1.7
1500	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	1.7
1400	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
1300	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
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	4.2	4.0	3.7	3.4	3.1	2.9	2.6	2.4	2.1	1.9	1.7	1.4
1000	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
900	4.4	4.2	4.1	3.9	3.7	3.4	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.5	1.3
800	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
700	3.9	3.7	3.6	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1
600	3.5	3.4	3.2	3.1	3.0	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.4	1.2	1.0
500	3.0	2.9	2.8	2.7	2.5	2.4	2.2	2.0	1.8	1.6	1.4	1.3	1.2	1.0	0.8
450	2.8	2.7	2.6	2.5	2.3	2.2	2.0	1.8	1.6	1.4	1.3	1.2	1.1	0.9	0.8
400	2.6	2.5	2.3	2.2	2.1	2.0	1.8	1.6	1.5	1.3	1.2	1.1	1.0	0.8	0.7
350	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.7	0.6
300	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
250	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
200	1.4	1.3	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
150	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
100	0.7	0.7	0.6	0.5	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 = 25
I = 38
K = 1.0

(L)
heltered
stance
n 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	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
8000	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
6000	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
4000	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
3500	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
3000	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
2800	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
2600	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
2400	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
2200	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
2000	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
1800	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
1600	1.5	1.3	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
1500	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
1400	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
1300	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
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	1.1	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
900	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
800	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
700	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
600	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
500	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
450	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
400	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
350	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
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 = 25
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	6.0	5.8	5.5	5.3	5.1	4.8	4.4	4.1	3.7	3.3	3.1	2.8	2.6	2.2	1.9
8000	6.0	5.8	5.5	5.3	5.1	4.8	4.4	4.1	3.7	3.3	3.1	2.8	2.6	2.2	1.9
6000	5.4	5.2	5.0	4.8	4.6	4.2	3.9	3.6	3.3	3.0	2.7	2.5	2.3	2.0	1.7
4000	4.8	4.6	4.4	4.2	4.1	3.8	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.7	1.5
3500	4.5	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
3000	4.3	4.1	3.9	3.8	3.6	3.4	3.1	2.8	2.6	2.3	2.1	1.9	1.7	1.5	1.3
2800	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
2600	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
2400	4.0	3.9	3.7	3.5	3.4	3.1	2.9	2.7	2.4	2.1	2.0	1.8	1.6	1.4	1.2
2200	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
2000	3.8	3.7	3.5	3.4	3.2	3.0	2.8	2.5	2.3	2.0	1.9	1.7	1.5	1.3	1.1
1800	3.6	3.4	3.3	3.1	3.0	2.8	2.6	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0
1600	3.3	3.2	3.0	2.9	2.8	2.6	2.4	2.2	2.0	1.7	1.6	1.4	1.3	1.1	0.9
1500	3.2	3.0	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
1400	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
1300	2.9	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.7	1.5	1.4	1.2	1.1	0.9	0.8
1200	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
1100	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
1000	2.5	2.4	2.3	2.2	2.1	1.9	1.8	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7
900	2.2	2.1	2.1	2.0	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.7	0.6
800	2.0	1.9	1.8	1.7	1.7	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.5	0.3	0.1
700	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
600	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3	0.1
500	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.9	0.8	0.6	0.6	0.5	0.4	0.2	0.1
450	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
400	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
350	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
300	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
250	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
200	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.2	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 = 25
I = 48
K = .5

(L)
heltered
stance
n 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	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
8000	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
6000	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
4000	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
3500	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
3000	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
2800	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
2600	1.0	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
2400	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
2200	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
2000	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
1800	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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 = 25
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	7.2	6.9	6.7	6.4	6.1	5.7	5.3	4.9	4.5	4.1	3.8	3.5	3.2	2.8	2.4
9000	7.2	6.9	6.7	6.4	6.1	5.7	5.3	4.9	4.5	4.1	3.8	3.5	3.2	2.8	2.4
6000	6.8	6.5	6.3	6.0	5.8	5.4	5.0	4.6	4.2	3.8	3.5	3.2	3.0	2.6	2.2
4000	5.8	5.6	5.4	5.2	5.0	4.6	4.3	4.0	3.6	3.2	3.0	2.7	2.5	2.2	1.8
3500	5.5	5.3	5.1	4.8	4.6	4.3	4.0	3.7	3.4	3.0	2.8	2.5	2.3	2.0	1.7
3000	5.1	4.9	4.7	4.5	4.3	4.0	3.7	3.4	3.1	2.8	2.6	2.4	2.1	1.8	1.6
2800	4.9	4.7	4.6	4.4	4.2	3.9	3.6	3.3	3.0	2.7	2.5	2.3	2.0	1.8	1.5
2600	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
2400	4.7	4.5	4.4	4.2	4.0	3.7	3.4	3.2	2.9	2.6	2.4	2.2	1.9	1.7	1.4
2200	4.6	4.4	4.3	4.1	3.9	3.6	3.3	3.1	2.8	2.5	2.3	2.1	1.9	1.6	1.4
2000	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
1800	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
1600	4.0	3.9	3.7	3.6	3.4	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.4	1.2
1500	3.9	3.8	3.6	3.4	3.3	3.1	2.8	2.6	2.3	2.1	1.9	1.7	1.6	1.3	1.1
1400	3.8	3.6	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.0	1.8	1.7	1.5	1.3	1.1
1300	3.7	3.5	3.4	3.2	3.1	2.9	2.6	2.4	2.2	1.9	1.8	1.6	1.5	1.3	1.0
1200	3.6	3.4	3.3	3.1	3.0	2.8	2.6	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0
1100	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
1000	3.3	3.2	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.7	1.6	1.4	1.3	1.1	0.9
900	3.1	2.9	2.8	2.7	2.6	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8
800	2.8	2.7	2.6	2.5	2.3	2.2	2.0	1.8	1.6	1.4	1.3	1.2	1.1	0.9	0.8
700	2.4	2.3	2.2	2.1	2.0	1.9	1.7	1.5	1.4	1.2	1.1	1.0	0.9	0.8	0.6
600	2.0	1.9	1.8	1.8	1.7	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.5	0.3	0.1
500	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
450	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
400	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3	0.1
350	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.2	0.1
300	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.1
250	0.9	0.9	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
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

= 25
= 48
= .6

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	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
8000	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
6000	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
4000	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
3500	1.5	1.3	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
3000	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
2800	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
2600	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
2400	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
2200	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
2000	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
1800	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
1600	1.0	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	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
700	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
600	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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 = 25
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	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
8000	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
6000	8.0	7.7	7.4	7.2	6.9	6.4	6.0	5.5	5.1	4.6	4.3	3.9	3.6	3.2	2.7
4000	7.0	6.7	6.5	6.2	5.9	5.5	5.2	4.8	4.4	3.9	3.6	3.3	3.0	2.7	2.3
3500	6.7	6.4	6.2	5.9	5.7	5.3	4.9	4.6	4.2	3.8	3.5	3.2	2.9	2.5	2.2
3000	6.4	6.1	5.9	5.7	5.4	5.1	4.7	4.3	4.0	3.6	3.3	3.0	2.8	2.4	2.1
2800	6.2	5.9	5.7	5.5	5.2	4.9	4.5	4.2	3.8	3.4	3.2	2.9	2.6	2.3	2.0
2600	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
2400	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
2200	5.5	5.3	5.1	4.9	4.7	4.3	4.0	3.7	3.4	3.0	2.8	2.6	2.3	2.0	1.7
2000	5.3	5.1	4.9	4.7	4.5	4.2	3.8	3.5	3.2	2.9	2.7	2.4	2.2	1.9	1.6
1800	4.9	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.0	2.7	2.4	2.2	2.0	1.8	1.5
1600	4.6	4.5	4.3	4.1	3.9	3.6	3.4	3.1	2.8	2.5	2.3	2.1	1.9	1.7	1.4
1500	4.5	4.4	4.2	4.0	3.8	3.6	3.3	3.0	2.7	2.4	2.3	2.1	1.9	1.6	1.4
1400	4.4	4.2	4.1	3.9	3.7	3.5	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.3
1300	4.3	4.1	4.0	3.8	3.6	3.4	3.1	2.9	2.6	2.3	2.1	1.9	1.7	1.5	1.3
1200	4.2	4.0	3.8	3.7	3.5	3.3	3.0	2.8	2.5	2.2	2.1	1.9	1.7	1.5	1.2
1100	4.1	3.9	3.7	3.6	3.4	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.4	1.2
1000	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
900	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
800	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
700	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
600	2.8	2.7	2.6	2.5	2.4	2.2	2.0	1.8	1.7	1.5	1.3	1.2	1.1	0.9	0.8
500	2.4	2.3	2.2	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.1	1.0	0.9	0.7	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	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
350	1.8	1.7	1.6	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.7	0.6	0.5	0.3	0.1
300	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
250	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.2	0.1
200	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
150	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	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 = 25
I = 48
K = .7

(L)
heltered
stance
n 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	2.6	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
8000	2.6	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
6000	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
4000	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
3500	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
3000	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
2800	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
2600	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
2400	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
2200	1.5	1.3	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
2000	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
1800	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	1.0	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
1000	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
900	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
800	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
700	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
600	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
500	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
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 = 23
I = 48
= .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	9.6	9.3	8.9	8.6	8.2	7.7	7.2	6.7	6.2	5.6	5.2	4.8	4.4	3.9	3.4
8000	9.6	9.3	8.9	8.6	8.2	7.7	7.2	6.7	6.2	5.6	5.2	4.8	4.4	3.9	3.4
6000	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
4000	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
3500	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
3000	7.9	7.7	7.4	7.1	6.8	6.4	5.9	5.5	5.0	4.5	4.2	3.9	3.5	3.1	2.7
2800	7.7	7.4	7.1	6.9	6.6	6.1	5.7	5.3	4.9	4.4	4.1	3.7	3.4	3.0	2.6
2600	7.4	7.2	6.9	6.6	6.4	5.9	5.5	5.1	4.7	4.2	3.9	3.6	3.3	2.9	2.5
2400	7.2	6.9	6.7	6.4	6.1	5.7	5.3	4.9	4.5	4.1	3.8	3.5	3.2	2.8	2.4
2200	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
2000	6.7	6.5	6.2	6.0	5.7	5.3	5.0	4.6	4.2	3.8	3.5	3.2	2.9	2.6	2.2
1800	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
1600	5.7	5.5	5.3	5.1	4.9	4.5	4.2	3.9	3.5	3.2	2.9	2.7	2.4	2.1	1.8
1500	5.5	5.3	5.1	4.8	4.6	4.3	4.0	3.7	3.4	3.0	2.8	2.5	2.3	2.0	1.7
1400	5.2	5.0	4.8	4.6	4.4	4.1	3.8	3.5	3.2	2.9	2.6	2.4	2.2	1.9	1.6
1300	5.0	4.8	4.6	4.4	4.2	3.9	3.6	3.3	3.1	2.7	2.5	2.3	2.1	1.8	1.5
1200	4.9	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.0	2.7	2.4	2.2	2.0	1.8	1.5
1100	4.8	4.6	4.4	4.2	4.0	3.8	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.7	1.4
1000	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
900	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
800	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
700	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
600	3.6	3.5	3.3	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.7	1.6	1.4	1.2	1.0
500	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
450	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
400	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
350	2.3	2.2	2.1	2.0	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.7	0.6
300	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
250	1.7	1.6	1.5	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	1.4	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
150	1.0	0.9	0.8	0.7	0.7	0.6	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
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

= 25
= 48
= .8

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	3.0	2.7	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
8000	3.0	2.7	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
6000	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
4000	2.6	2.3	1.5	1.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3500	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
3000	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
2800	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
2600	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
2400	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
2200	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
2000	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
1800	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
1600	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
1500	1.5	1.3	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	1.2	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
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	1.3	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
1000	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
900	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
800	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
700	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
600	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
500	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
450	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
400	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
350	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
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 = 25
= 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	10.8	10.4	10.0	9.7	9.3	8.7	8.2	7.6	7.0	6.4	5.9	5.5	5.0	4.5	3.9
8000	10.8	10.4	10.0	9.7	9.3	8.7	8.2	7.6	7.0	6.4	5.9	5.5	5.0	4.5	3.9
6000	10.8	10.4	10.0	9.7	9.3	8.7	8.2	7.6	7.0	6.4	5.9	5.5	5.0	4.5	3.9
4000	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
3500	9.6	9.3	9.0	8.6	8.3	7.8	7.3	6.7	6.2	5.6	5.2	4.8	4.4	3.9	3.4
3000	9.4	9.0	8.7	8.4	8.0	7.5	7.0	6.5	6.0	5.4	5.1	4.7	4.3	3.8	3.3
2800	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
2600	8.9	8.6	8.2	7.9	7.6	7.1	6.6	6.2	5.7	5.1	4.8	4.4	4.0	3.6	3.1
2400	8.6	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
2200	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
2000	8.2	7.9	7.6	7.3	7.0	6.5	6.1	5.6	5.2	4.7	4.3	4.0	3.7	3.2	2.8
1800	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
1600	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
1500	7.0	6.8	6.5	6.2	6.0	5.6	5.2	4.8	4.4	4.0	3.7	3.4	3.1	2.7	2.3
1400	6.8	6.5	6.3	6.0	5.8	5.4	5.0	4.6	4.3	3.8	3.5	3.2	3.0	2.6	2.2
1300	6.6	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
1200	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
1100	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
1000	5.9	5.6	5.4	5.2	5.0	4.6	4.3	4.0	3.6	3.3	3.0	2.7	2.5	2.2	1.9
900	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	1.7
800	4.9	4.7	4.5	4.3	4.2	3.9	3.6	3.3	3.0	2.7	2.5	2.3	2.0	1.8	1.5
700	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
600	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
500	3.8	3.6	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.0	1.8	1.7	1.5	1.3	1.1
450	3.6	3.4	3.3	3.1	3.0	2.8	2.6	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0
400	3.3	3.2	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.7	1.6	1.4	1.3	1.1	0.9
350	3.0	2.9	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
300	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
250	2.0	1.9	1.8	1.8	1.7	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.5	0.3	0.1
200	1.7	1.7	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
150	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1
100	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
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

: = 25
= 48
: = .9

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	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
8000	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
6000	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
4000	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
3500	3.0	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
3000	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
2800	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
2600	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
2400	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
2200	2.6	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
2000	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
1800	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	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
700	1.2	1.0	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	0.8	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

= 25
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	12.0	11.6	11.2	10.8	10.4	9.7	9.1	8.5	7.9	7.2	6.7	6.2	5.7	5.1	4.5
8000	12.0	11.6	11.2	10.8	10.4	9.7	9.1	8.5	7.9	7.2	6.7	6.2	5.7	5.1	4.5
6000	12.0	11.6	11.2	10.8	10.4	9.7	9.1	8.5	7.9	7.2	6.7	6.2	5.7	5.1	4.5
4000	11.2	10.8	10.4	10.1	9.7	9.1	8.5	7.9	7.3	6.7	6.2	5.7	5.3	4.7	4.1
3500	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
3000	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
2800	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
2600	10.2	9.8	9.5	9.1	8.8	8.2	7.7	7.2	6.6	6.0	5.6	5.2	4.7	4.2	3.7
2400	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
2200	9.8	9.5	9.1	8.8	8.4	7.9	7.4	6.9	6.3	5.7	5.3	4.9	4.5	4.0	3.5
2000	9.6	9.3	8.9	8.6	8.3	7.7	7.2	6.7	6.2	5.6	5.2	4.8	4.4	3.9	3.4
1800	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
1600	8.7	8.4	8.1	7.8	7.5	7.0	6.5	6.1	5.6	5.0	4.7	4.3	3.9	3.5	3.0
1500	8.5	8.2	7.9	7.6	7.3	6.8	6.4	5.9	5.4	4.9	4.5	4.2	3.8	3.4	2.9
1400	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
1300	8.1	7.8	7.5	7.2	6.9	6.4	6.0	5.6	5.1	4.6	4.3	3.9	3.6	3.2	2.7
1200	7.8	7.5	7.3	7.0	6.7	6.3	5.8	5.4	5.0	4.5	4.1	3.8	3.5	3.1	2.6
1100	7.6	7.3	7.0	6.8	6.5	6.1	5.7	5.2	4.8	4.3	4.0	3.7	3.4	3.0	2.6
1000	7.4	7.1	6.8	6.6	6.3	5.9	5.5	5.1	4.7	4.2	3.9	3.6	3.3	2.9	2.5
900	6.8	6.6	6.3	6.1	5.8	5.4	5.1	4.7	4.3	3.9	3.6	3.3	3.0	2.6	2.2
800	6.3	6.1	5.8	5.6	5.3	5.0	4.6	4.3	3.9	3.5	3.2	3.0	2.7	2.4	2.0
700	5.5	5.3	5.1	4.9	4.7	4.4	4.0	3.7	3.4	3.1	2.8	2.6	2.3	2.0	1.7
600	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
500	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
450	4.3	4.1	3.9	3.8	3.6	3.4	3.1	2.8	2.6	2.3	2.1	1.9	1.7	1.5	1.3
400	4.1	3.9	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.2	2.0	1.8	1.6	1.4	1.2
350	3.7	3.6	3.4	3.3	3.1	2.9	2.7	2.5	2.2	2.0	1.8	1.6	1.5	1.3	1.1
300	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
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	2.2	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
150	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.6	0.5	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 = 25
I = 48
K = 1.0

(L)
heltered
stance
n 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	4.0	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
8000	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
6000	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
4000	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
3500	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
3000	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
2800	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
2600	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
2400	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
2200	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
2000	3.0	2.7	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
1800	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
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	1.7	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
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	1.5	1.3	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
600	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
500	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
450	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
400	1.0	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
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	0.5	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
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 = 25
I = 56
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	7.0	6.7	6.5	6.2	6.0	5.6	5.2	4.8	4.4	4.0	3.7	3.4	3.1	2.7	2.3
8000	7.0	6.7	6.5	6.2	6.0	5.6	5.2	4.8	4.4	4.0	3.7	3.4	3.1	2.7	2.3
6000	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
4000	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
3500	5.2	5.0	4.8	4.6	4.4	4.1	3.8	3.5	3.2	2.9	2.6	2.4	2.2	1.9	1.6
3000	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
2800	4.8	4.6	4.4	4.2	4.1	3.8	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.7	1.5
2600	4.7	4.5	4.3	4.2	4.0	3.7	3.4	3.1	2.9	2.6	2.3	2.1	1.9	1.7	1.4
2400	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
2200	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
2000	4.4	4.2	4.0	3.9	3.7	3.4	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.5	1.3
1800	4.1	4.0	3.8	3.7	3.5	3.2	3.0	2.7	2.5	2.2	2.0	1.9	1.7	1.4	1.2
1600	3.9	3.8	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
1500	3.8	3.6	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.0	1.8	1.7	1.5	1.3	1.1
1400	3.7	3.5	3.4	3.2	3.1	2.9	2.6	2.4	2.2	1.9	1.8	1.6	1.5	1.2	1.0
1300	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
1200	3.4	3.3	3.1	3.0	2.9	2.7	2.5	2.2	2.0	1.8	1.6	1.5	1.3	1.2	1.0
1100	3.3	3.2	3.0	2.9	2.8	2.6	2.4	2.2	2.0	1.7	1.6	1.4	1.3	1.1	0.9
1000	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
900	2.9	2.8	2.7	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.4	1.3	1.1	1.0	0.8
800	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
700	2.3	2.2	2.1	2.0	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.7	0.6
600	1.9	1.9	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
500	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
450	1.6	1.5	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
400	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
350	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1
300	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
250	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
200	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	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

= 25
= 56
= .5

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	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
8000	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
6000	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
4000	1.5	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
3500	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
3000	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
2800	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
2600	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
2400	1.2	1.0	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
2200	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
2000	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
1800	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
1600	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
1500	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
1400	0.8	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
1300	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
1200	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
1100	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
1000	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
900	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
800	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
700	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
600	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	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 = 25
I = 56
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	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
8000	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
6000	8.0	7.7	7.4	7.2	6.9	6.4	6.0	5.5	5.1	4.6	4.3	3.9	3.6	3.2	2.7
4000	7.0	6.7	6.5	6.2	5.9	5.5	5.2	4.8	4.4	3.9	3.6	3.3	3.0	2.7	2.3
3500	6.7	6.4	6.2	5.9	5.7	5.3	4.9	4.6	4.2	3.8	3.5	3.2	2.9	2.5	2.2
3000	6.4	6.1	5.9	5.7	5.4	5.1	4.7	4.3	4.0	3.6	3.3	3.0	2.8	2.4	2.1
2800	6.2	5.9	5.7	5.5	5.2	4.9	4.5	4.2	3.8	3.4	3.2	2.9	2.6	2.3	2.0
2600	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
2400	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
2200	5.5	5.3	5.1	4.9	4.7	4.3	4.0	3.7	3.4	3.0	2.8	2.6	2.3	2.0	1.7
2000	5.3	5.1	4.9	4.7	4.5	4.2	3.8	3.5	3.2	2.9	2.7	2.4	2.2	1.9	1.6
1800	4.9	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.0	2.7	2.4	2.2	2.0	1.8	1.5
1600	4.6	4.5	4.3	4.1	3.9	3.6	3.4	3.1	2.8	2.5	2.3	2.1	1.9	1.7	1.4
1500	4.5	4.4	4.2	4.0	3.8	3.6	3.3	3.0	2.7	2.4	2.3	2.1	1.9	1.6	1.4
1400	4.4	4.2	4.1	3.9	3.7	3.5	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.3
1300	4.3	4.1	4.0	3.8	3.6	3.4	3.1	2.9	2.6	2.3	2.1	1.9	1.7	1.5	1.3
1200	4.2	4.0	3.8	3.7	3.5	3.3	3.0	2.8	2.5	2.2	2.1	1.9	1.7	1.5	1.2
1100	4.1	3.9	3.7	3.6	3.4	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.4	1.2
1000	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
900	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
800	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
700	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
600	2.8	2.7	2.6	2.5	2.4	2.2	2.0	1.8	1.7	1.5	1.3	1.2	1.1	0.9	0.8
500	2.4	2.3	2.2	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.1	1.0	0.9	0.7	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	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
350	1.8	1.7	1.6	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.7	0.6	0.5	0.3	0.1
300	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
250	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.2	0.1
200	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
150	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	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

= 25
= 56
= .6

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	2.6	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
8000	2.6	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
6000	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
4000	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
3500	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
3000	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
2800	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
2600	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
2400	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
2200	1.5	1.3	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
2000	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
1800	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	1.0	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
1000	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
900	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
800	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
700	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
600	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
500	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
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 = 25
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	9.8	9.5	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
8000	9.8	9.5	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
6000	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
4000	8.8	8.5	8.2	7.9	7.6	7.1	6.6	6.1	5.6	5.1	4.7	4.4	4.0	3.5	3.1
3500	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
3000	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
2800	8.0	7.7	7.4	7.1	6.8	6.4	5.9	5.5	5.1	4.6	4.2	3.9	3.6	3.1	2.7
2600	7.7	7.4	7.2	6.9	6.6	6.2	5.7	5.3	4.9	4.4	4.1	3.8	3.4	3.0	2.6
2400	7.5	7.2	6.9	6.6	6.4	6.0	5.5	5.1	4.7	4.3	3.9	3.6	3.3	2.9	2.5
2200	7.2	6.9	6.7	6.4	6.2	5.7	5.3	4.9	4.5	4.1	3.8	3.5	3.2	2.8	2.4
2000	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
1800	6.5	6.2	6.0	5.8	5.5	5.1	4.8	4.4	4.0	3.6	3.4	3.1	2.8	2.4	2.1
1600	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
1500	5.8	5.5	5.3	5.1	4.9	4.5	4.2	3.9	3.6	3.2	2.9	2.7	2.4	2.1	1.8
1400	5.5	5.3	5.1	4.9	4.7	4.4	4.0	3.7	3.4	3.0	2.8	2.6	2.3	2.0	1.7
1300	5.3	5.1	4.9	4.7	4.5	4.2	3.8	3.5	3.2	2.9	2.7	2.4	2.2	1.9	1.6
1200	5.0	4.8	4.6	4.4	4.3	4.0	3.7	3.4	3.1	2.7	2.5	2.3	2.1	1.8	1.5
1100	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
1000	4.8	4.6	4.4	4.2	4.1	3.8	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.7	1.5
900	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
800	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
700	4.0	3.9	3.7	3.6	3.4	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.4	1.2
600	3.7	3.6	3.4	3.3	3.1	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.1
500	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
450	3.0	2.9	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
400	2.7	2.6	2.5	2.4	2.3	2.1	1.9	1.8	1.6	1.4	1.3	1.2	1.0	0.9	0.7
350	2.4	2.3	2.2	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6
300	2.0	1.9	1.8	1.8	1.7	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.5	0.3	0.1
250	1.7	1.7	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	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.2	0.1
150	1.0	0.9	0.8	0.8	0.7	0.6	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
100	0.8	0.7	0.6	0.6	0.5	0.4	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 = 25
I = 56
K = .7

(L)
sheltered
istance
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	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
8000	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
6000	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
4000	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
3500	2.6	2.3	1.5	1.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	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
2800	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
2600	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
2400	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
2200	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
2000	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
1800	1.8	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
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	1.5	1.3	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
1300	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
1200	1.4	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
1100	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
1000	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
900	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
800	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
700	1.0	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
600	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
500	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
450	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
400	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
350	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
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 = 25
I = 56
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	11.2	10.8	10.4	10.0	9.7	9.1	8.5	7.9	7.3	6.6	6.2	5.7	5.3	4.7	4.1
8000	11.2	10.8	10.4	10.0	9.7	9.1	8.5	7.9	7.3	6.6	6.2	5.7	5.3	4.7	4.1
6000	11.2	10.8	10.4	10.0	9.7	9.1	8.5	7.9	7.3	6.6	6.2	5.7	5.3	4.7	4.1
4000	10.4	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
3500	10.1	9.7	9.4	9.0	8.6	8.1	7.6	7.0	6.5	5.9	5.5	5.1	4.7	4.1	3.6
3000	9.8	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
2800	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
2600	9.3	9.0	8.7	8.3	8.0	7.5	7.0	6.5	6.0	5.4	5.0	4.6	4.3	3.8	3.3
2400	9.1	8.8	8.4	8.1	7.8	7.3	6.8	6.3	5.8	5.3	4.9	4.5	4.1	3.7	3.2
2200	8.9	8.6	8.2	7.9	7.6	7.1	6.6	6.2	5.7	5.1	4.8	4.4	4.0	3.6	3.1
2000	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
1800	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
1600	7.7	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
1500	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
1400	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
1300	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
1200	6.8	6.6	6.3	6.1	5.8	5.4	5.0	4.7	4.3	3.8	3.6	3.3	3.0	2.6	2.2
1100	6.6	6.4	6.1	5.9	5.6	5.2	4.9	4.5	4.1	3.7	3.4	3.1	2.9	2.5	2.1
1000	6.4	6.1	5.9	5.7	5.4	5.1	4.7	4.3	4.0	3.6	3.3	3.0	2.7	2.4	2.1
900	5.8	5.6	5.4	5.2	5.0	4.6	4.3	3.9	3.6	3.2	3.0	2.7	2.5	2.2	1.8
800	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
700	4.8	4.6	4.4	4.2	4.1	3.8	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.7	1.5
600	4.5	4.3	4.1	4.0	3.8	3.5	3.2	3.0	2.7	2.4	2.2	2.0	1.8	1.6	1.3
500	4.0	3.9	3.7	3.5	3.4	3.1	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.4	1.2
450	3.8	3.7	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.0	1.9	1.7	1.5	1.3	1.1
400	3.6	3.4	3.3	3.1	3.0	2.8	2.6	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0
350	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
300	2.9	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.4	1.2	1.1	0.9	0.8
250	2.3	2.2	2.1	2.0	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.7	0.6
200	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.3	0.1
150	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.2	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 = 25
I = 56
K = .8

(L)
heltered
stance
n 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	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
8000	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
6000	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
4000	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
3500	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
3000	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
2800	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
2600	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
2400	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
2200	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
2000	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
1800	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	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
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	1.2	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
500	1.0	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
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	0.6	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
300	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
250	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
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 = 25
I = 56
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	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
8000	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
6000	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
4000	11.9	11.5	11.0	10.6	10.2	9.6	9.0	8.4	7.8	7.1	6.6	6.1	5.6	5.0	4.4
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	11.3	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
2800	11.1	10.7	10.3	9.9	9.5	9.0	8.4	7.8	7.2	6.6	6.1	5.7	5.2	4.6	4.0
2600	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
2400	10.7	10.3	10.0	9.6	9.2	8.7	8.1	7.5	7.0	6.3	5.9	5.4	5.0	4.4	3.9
2200	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
2000	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
1800	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
1600	9.4	9.1	8.8	8.4	8.1	7.6	7.1	6.6	6.1	5.5	5.1	4.7	4.3	3.8	3.3
1500	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
1400	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
1300	8.8	8.5	8.2	7.8	7.5	7.0	6.6	6.1	5.6	5.1	4.7	4.3	4.0	3.5	3.0
1200	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
1100	8.3	8.0	7.7	7.4	7.1	6.7	6.2	5.8	5.3	4.8	4.4	4.1	3.7	3.3	2.9
1000	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
900	7.6	7.3	7.0	6.7	6.5	6.0	5.6	5.2	4.8	4.3	4.0	3.7	3.4	2.9	2.5
800	7.0	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
700	6.3	6.0	5.8	5.6	5.3	5.0	4.6	4.3	3.9	3.5	3.2	3.0	2.7	2.4	2.0
600	5.5	5.3	5.1	4.9	4.6	4.3	4.0	3.7	3.4	3.0	2.8	2.6	2.3	2.0	1.7
500	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
450	4.6	4.5	4.3	4.1	3.9	3.6	3.4	3.1	2.8	2.5	2.3	2.1	1.9	1.6	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	4.1	3.9	3.8	3.6	3.4	3.2	3.0	2.7	2.5	2.2	2.0	1.8	1.7	1.4	1.2
300	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
250	3.1	3.0	2.9	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.5	1.4	1.2	1.0	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	1.0	0.8	0.7
150	1.8	1.7	1.6	1.5	1.5	1.3	1.2	1.1	1.0	0.8	0.7	0.6	0.5	0.3	0.1
100	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1
50	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.2	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 = 25
I = 56
K = .9

(L)
sheltered
stance
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	4.2	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
8000	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
6000	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
4000	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
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	3.7	3.3	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
2800	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
2600	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
2400	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
2200	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
2000	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
1800	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	2.4	2.2	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
900	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
800	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
700	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
600	1.5	1.3	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
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	1.0	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
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	0.5	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	0.5	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 = 25
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	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
8000	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
6000	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
4000	13.5	13.0	12.6	12.1	11.7	11.0	10.3	9.6	8.9	8.1	7.6	7.1	6.5	5.8	5.1
3500	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
3000	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
2800	12.7	12.3	11.9	11.4	11.0	10.4	9.7	9.0	8.4	7.7	7.1	6.6	6.1	5.4	4.8
2600	12.5	12.1	11.7	11.3	10.8	10.2	9.6	8.9	8.3	7.5	7.0	6.5	6.0	5.4	4.7
2400	12.4	11.9	11.5	11.1	10.7	10.0	9.4	8.8	8.1	7.4	6.9	6.4	5.9	5.3	4.6
2200	12.2	11.8	11.4	10.9	10.5	9.9	9.3	8.6	8.0	7.3	6.8	6.3	5.8	5.2	4.5
2000	12.0	11.6	11.2	10.8	10.4	9.7	9.1	8.5	7.9	7.2	6.7	6.2	5.7	5.1	4.5
1800	11.5	11.1	10.7	10.3	9.9	9.3	8.7	8.1	7.5	6.9	6.4	5.9	5.4	4.8	4.2
1600	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
1500	10.8	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
1400	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
1300	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
1200	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
1100	9.8	9.5	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
1000	9.6	9.2	8.9	8.5	8.2	7.7	7.2	6.7	6.2	5.6	5.2	4.8	4.4	3.9	3.4
900	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
800	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
700	8.0	7.7	7.4	7.1	6.8	6.4	5.9	5.5	5.1	4.6	4.2	3.9	3.6	3.1	2.7
600	7.2	6.9	6.6	6.4	6.1	5.7	5.3	4.9	4.5	4.1	3.8	3.5	3.2	2.8	2.4
500	6.3	6.0	5.8	5.5	5.3	5.0	4.6	4.2	3.9	3.5	3.2	3.0	2.7	2.3	2.0
450	5.8	5.6	5.3	5.1	4.9	4.6	4.2	3.9	3.6	3.2	3.0	2.7	2.5	2.1	1.8
400	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
350	4.8	4.6	4.4	4.2	4.0	3.8	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.7	1.4
300	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
250	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
200	3.3	3.2	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.7	1.6	1.4	1.3	1.1	0.9
150	2.3	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.3	1.2	1.1	1.0	0.9	0.7	0.6
100	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
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 = 25
I = 56
K = 1.0

(L)
sheltered
stance
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	4.8	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
8000	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
6000	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
4000	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
3500	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
3000	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
2800	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
2600	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
2400	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
2200	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
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	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
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	2.4	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
600	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
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	1.3	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
350	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
300	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
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	0.8	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
150	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
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 = 25
I = 86
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	10.8	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
8000	10.8	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
6000	10.8	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
4000	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
3500	9.6	9.3	8.9	8.6	8.2	7.7	7.2	6.7	6.2	5.6	5.2	4.8	4.4	3.9	3.4
3000	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	3.8	3.3
2800	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
2600	8.8	8.5	8.2	7.9	7.6	7.1	6.6	6.1	5.6	5.1	4.7	4.4	4.0	3.5	3.1
2400	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
2200	8.3	8.0	7.7	7.4	7.1	6.7	6.2	5.8	5.3	4.8	4.5	4.1	3.8	3.3	2.9
2000	8.1	7.8	7.5	7.2	6.9	6.5	6.0	5.6	5.2	4.7	4.3	4.0	3.6	3.2	2.8
1800	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
1600	7.2	6.9	6.7	6.4	6.1	5.7	5.3	4.9	4.5	4.1	3.8	3.5	3.2	2.8	2.4
1500	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
1400	6.7	6.5	6.2	6.0	5.7	5.3	5.0	4.6	4.2	3.8	3.5	3.2	2.9	2.6	2.2
1300	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
1200	6.3	6.0	5.8	5.6	5.3	5.0	4.6	4.3	3.9	3.5	3.2	3.0	2.7	2.4	2.0
1100	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	2.3	1.9
1000	5.8	5.6	5.4	5.1	4.9	4.6	4.3	3.9	3.6	3.2	3.0	2.7	2.5	2.1	1.8
900	5.3	5.1	4.9	4.7	4.5	4.2	3.9	3.5	3.2	2.9	2.7	2.4	2.2	1.9	1.6
800	4.9	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.0	2.7	2.5	2.2	2.0	1.8	1.5
700	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
600	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
500	3.8	3.6	3.5	3.3	3.2	2.9	2.7	2.5	2.3	2.0	1.8	1.7	1.5	1.3	1.1
450	3.5	3.4	3.3	3.1	3.0	2.7	2.5	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0
400	3.3	3.2	3.0	2.9	2.8	2.6	2.4	2.2	2.0	1.7	1.6	1.4	1.3	1.1	0.9
350	2.9	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
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	2.0	1.9	1.8	1.7	1.7	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.5	0.3	0.1
200	1.7	1.7	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
150	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
100	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
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

: = 25
: = 86
: = .5

(L)
eltered
stance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	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
8000	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
6000	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
4000	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
3500	3.0	2.7	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
3000	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
2800	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
2600	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
2400	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
2200	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
2000	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
1800	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	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
700	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
600	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
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	0.7	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 = 25
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	12.9	12.5	12.0	11.6	11.2	10.5	9.8	9.2	8.5	7.8	7.2	6.7	6.2	5.5	4.9
8000	12.9	12.5	12.0	11.6	11.2	10.5	9.8	9.2	8.5	7.8	7.2	6.7	6.2	5.5	4.9
6000	12.9	12.5	12.0	11.6	11.2	10.5	9.8	9.2	8.5	7.8	7.2	6.7	6.2	5.5	4.9
4000	12.2	11.8	11.4	11.0	10.5	9.9	9.3	8.6	8.0	7.3	6.8	6.3	5.8	5.2	4.6
3500	11.9	11.5	11.1	10.7	10.3	9.7	9.0	8.4	7.8	7.1	6.6	6.1	5.7	5.0	4.4
3000	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
2800	11.4	11.0	10.6	10.2	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	11.1	10.7	10.3	9.9	9.5	9.0	8.4	7.8	7.2	6.6	6.1	5.6	5.2	4.6	4.0
2200	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
2000	10.7	10.3	10.0	9.6	9.2	8.6	8.1	7.5	7.0	6.3	5.9	5.4	5.0	4.4	3.9
1800	10.2	9.9	9.5	9.2	8.8	8.3	7.7	7.2	6.6	6.0	5.6	5.2	4.7	4.2	3.7
1600	9.8	9.4	9.1	8.7	8.4	7.9	7.4	6.8	6.3	5.7	5.3	4.9	4.5	4.0	3.5
1500	9.6	9.2	8.9	8.5	8.2	7.7	7.2	6.7	6.2	5.6	5.2	4.8	4.4	3.9	3.4
1400	9.3	9.0	8.7	8.3	8.0	7.5	7.0	6.5	6.0	5.4	5.0	4.7	4.3	3.8	3.3
1300	9.1	8.8	8.5	8.1	7.8	7.3	6.8	6.3	5.8	5.3	4.9	4.5	4.1	3.7	3.2
1200	8.9	8.6	8.2	7.9	7.6	7.1	6.6	6.2	5.7	5.1	4.8	4.4	4.0	3.6	3.1
1100	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
1000	8.4	8.1	7.8	7.5	7.2	6.8	6.3	5.8	5.4	4.9	4.5	4.1	3.8	3.3	2.9
900	7.9	7.6	7.3	7.1	6.8	6.3	5.9	5.5	5.0	4.5	4.2	3.9	3.5	3.1	2.7
800	7.4	7.1	6.9	6.6	6.3	5.9	5.5	5.1	4.7	4.2	3.9	3.6	3.3	2.9	2.5
700	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
600	5.9	5.6	5.4	5.2	5.0	4.6	4.3	4.0	3.6	3.2	3.0	2.7	2.5	2.2	1.8
500	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
450	4.8	4.6	4.4	4.2	4.0	3.8	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.7	1.4
400	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
350	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
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	1.6	1.3	1.1
250	3.3	3.2	3.0	2.9	2.8	2.6	2.4	2.2	1.9	1.7	1.6	1.4	1.3	1.1	0.9
200	2.7	2.6	2.5	2.4	2.3	2.1	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.7
150	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.3	0.1
100	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.9	0.8	0.6	0.6	0.5	0.4	0.2	0.1
50	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
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

= 25
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(L)
eltered
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Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	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
8000	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
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	3.9	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
3000	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
2800	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
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	3.5	3.0	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
1800	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	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
700	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
600	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
500	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
450	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
400	1.2	1.0	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	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
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	0.6	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 = 25
I = 86
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	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	6.6	5.9
8000	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	6.6	5.9
6000	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	6.6	5.9
4000	14.6	14.2	13.7	13.2	12.7	12.0	11.2	10.5	9.8	8.9	8.4	7.8	7.2	6.4	5.7
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	14.1	13.6	13.2	12.7	12.2	11.5	10.8	10.1	9.4	8.6	8.0	7.4	6.9	6.2	5.4
2800	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
2600	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
2400	13.6	13.1	12.7	12.2	11.8	11.1	10.4	9.7	9.0	8.2	7.7	7.1	6.6	5.9	5.2
2200	13.4	12.9	12.5	12.0	11.6	10.9	10.2	9.6	8.9	8.1	7.6	7.0	6.5	5.8	5.1
2000	13.2	12.8	12.3	11.9	11.4	10.8	10.1	9.4	8.7	8.0	7.4	6.9	6.4	5.7	5.0
1800	12.7	12.3	11.8	11.4	11.0	10.3	9.7	9.0	8.4	7.6	7.1	6.6	6.1	5.4	4.8
1600	12.2	11.8	11.4	10.9	10.5	9.9	9.3	8.6	8.0	7.3	6.8	6.3	5.8	5.2	4.5
1500	11.9	11.5	11.1	10.7	10.3	9.7	9.1	8.4	7.8	7.1	6.6	6.2	5.7	5.0	4.4
1400	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
1300	11.4	11.0	10.6	10.2	9.8	9.2	8.7	8.1	7.5	6.8	6.3	5.9	5.4	4.8	4.2
1200	11.2	10.8	10.4	10.0	9.6	9.0	8.4	7.9	7.3	6.6	6.2	5.7	5.2	4.7	4.1
1100	10.9	10.5	10.1	9.8	9.4	8.8	8.2	7.7	7.1	6.5	6.0	5.6	5.1	4.5	4.0
1000	10.6	10.3	9.9	9.5	9.2	8.6	8.0	7.5	6.9	6.3	5.8	5.4	5.0	4.4	3.9
900	10.3	10.0	9.6	9.3	8.9	8.3	7.8	7.3	6.7	6.1	5.7	5.2	4.8	4.3	3.7
800	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
700	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
600	8.4	8.1	7.8	7.5	7.2	6.8	6.3	5.8	5.4	4.9	4.5	4.1	3.8	3.3	2.9
500	7.5	7.2	6.9	6.7	6.4	6.0	5.5	5.1	4.7	4.3	3.9	3.6	3.3	2.9	2.5
450	7.0	6.7	6.5	6.2	6.0	5.6	5.2	4.8	4.4	4.0	3.7	3.4	3.1	2.7	2.3
400	6.5	6.3	6.0	5.8	5.5	5.2	4.8	4.4	4.1	3.7	3.4	3.1	2.8	2.5	2.1
350	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
300	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
250	4.4	4.3	4.1	3.9	3.7	3.5	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.3
200	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
150	2.9	2.8	2.7	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.4	1.3	1.1	1.0	0.8
100	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
50	0.9	0.8	0.7	0.7	0.6	0.5	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 = 25
I = 86
K = .7

(L)
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(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
10000	5.3	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
8000	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
6000	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
4000	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
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	4.9	4.3	3.1	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	4.8	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
2600	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
2400	4.6	4.1	2.9	2.0	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	2.0	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	4.3	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	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
700	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
600	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
500	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
450	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
400	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
350	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
300	1.3	1.2	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
250	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
200	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
150	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
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 = 25
I = 86
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	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
8000	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
6000	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
4000	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	7.2	6.4
3500	15.8	15.3	14.8	14.3	13.8	13.0	12.2	11.4	10.6	9.8	9.1	8.5	7.9	7.1	6.3
3000	15.5	15.0	14.5	14.0	13.5	12.7	11.9	11.2	10.4	9.5	8.9	8.3	7.7	6.9	6.1
2800	15.3	14.8	14.3	13.8	13.3	12.5	11.8	11.0	10.2	9.4	8.8	8.2	7.6	6.8	6.0
2600	15.1	14.6	14.1	13.6	13.1	12.4	11.6	10.9	10.1	9.2	8.6	8.0	7.4	6.7	5.9
2400	14.9	14.4	13.9	13.5	13.0	12.2	11.5	10.7	10.0	9.1	8.5	7.9	7.3	6.6	5.8
2200	14.8	14.3	13.8	13.3	12.8	12.1	11.4	10.6	9.9	9.0	8.4	7.9	7.3	6.5	5.8
2000	14.6	14.2	13.7	13.2	12.7	12.0	11.2	10.5	9.8	8.9	8.4	7.8	7.2	6.4	5.7
1800	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
1600	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	5.3
1500	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
1400	13.3	12.8	12.4	11.9	11.5	10.8	10.1	9.5	8.8	8.0	7.5	6.9	6.4	5.7	5.0
1300	13.0	12.6	12.2	11.7	11.3	10.6	9.9	9.3	8.6	7.9	7.3	6.8	6.3	5.6	4.9
1200	12.8	12.4	11.9	11.5	11.1	10.4	9.8	9.1	8.4	7.7	7.2	6.7	6.1	5.5	4.8
1100	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
1000	12.3	11.9	11.5	11.1	10.7	10.0	9.4	8.8	8.1	7.4	6.9	6.4	5.9	5.3	4.6
900	12.0	11.6	11.2	10.8	10.4	9.7	9.1	8.5	7.9	7.2	6.7	6.2	5.7	5.1	4.5
800	11.7	11.3	10.9	10.5	10.1	9.5	8.9	8.2	7.6	7.0	6.5	6.0	5.5	4.9	4.3
700	11.0	10.7	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
600	10.4	10.0	9.7	9.3	8.9	8.4	7.8	7.3	6.7	6.1	5.7	5.3	4.8	4.3	3.7
500	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
450	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
400	8.5	8.2	7.9	7.6	7.3	6.8	6.4	5.9	5.5	4.9	4.6	4.2	3.9	3.4	2.9
350	7.8	7.5	7.3	7.0	6.7	6.3	5.8	5.4	5.0	4.5	4.1	3.8	3.5	3.1	2.6
300	7.1	6.9	6.6	6.3	6.1	5.7	5.3	4.9	4.5	4.0	3.7	3.4	3.1	2.7	2.4
250	5.8	5.6	5.4	5.1	4.9	4.6	4.3	3.9	3.6	3.2	3.0	2.7	2.5	2.2	1.8
200	4.8	4.6	4.4	4.2	4.0	3.8	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.7	1.4
150	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
100	3.0	2.9	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
50	1.3	1.2	1.2	1.1	1.1	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

= 25
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= .8

ZL)
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tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	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
8000	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
6000	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
4000	5.8	5.1	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	5.5	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
2800	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
2600	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
2400	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
2200	5.2	4.6	3.2	2.3	1.4	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	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
1800	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
1600	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
1500	4.6	4.1	2.9	2.0	1.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	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
1300	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
1200	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
1100	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
1000	4.1	3.7	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
900	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
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	3.6	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	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
450	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
400	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
350	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
300	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
250	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
200	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
150	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
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 = 25
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	19.4	18.7	18.1	17.5	16.9	16.0	15.1	14.1	13.2	12.2	11.4	10.7	9.9	9.0	8.0
8000	19.4	18.7	18.1	17.5	16.9	16.0	15.1	14.1	13.2	12.2	11.4	10.7	9.9	9.0	8.0
6000	19.4	18.7	18.1	17.5	16.9	16.0	15.1	14.1	13.2	12.2	11.4	10.7	9.9	9.0	8.0
4000	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
3500	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
3000	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
2800	18.3	17.8	17.2	16.6	16.0	15.1	14.2	13.4	12.5	11.5	10.7	10.0	9.3	8.4	7.5
2600	18.1	17.5	17.0	16.4	15.8	14.9	14.1	13.2	12.3	11.3	10.6	9.9	9.2	8.3	7.4
2400	17.9	17.3	16.7	16.2	15.6	14.7	13.9	13.0	12.1	11.2	10.4	9.7	9.0	8.2	7.3
2200	17.7	17.1	16.5	16.0	15.4	14.5	13.7	12.8	12.0	11.0	10.3	9.6	8.9	8.0	7.2
2000	17.4	16.9	16.3	15.8	15.2	14.3	13.5	12.6	11.8	10.8	10.2	9.5	8.8	7.9	7.0
1800	16.9	16.3	15.8	15.2	14.7	13.9	13.0	12.2	11.4	10.4	9.8	9.1	8.5	7.6	6.8
1600	16.3	15.8	15.2	14.7	14.2	13.4	12.6	11.8	11.0	10.1	9.4	8.8	8.1	7.3	6.5
1500	16.0	15.5	15.0	14.4	13.9	13.1	12.3	11.5	10.8	9.9	9.2	8.6	8.0	7.2	6.3
1400	15.7	15.2	14.7	14.2	13.7	12.9	12.1	11.3	10.5	9.7	9.0	8.4	7.8	7.0	6.2
1300	15.4	14.9	14.4	13.9	13.4	12.6	11.9	11.1	10.3	9.5	8.9	8.2	7.6	6.8	6.1
1200	15.2	14.7	14.2	13.7	13.2	12.4	11.6	10.9	10.1	9.3	8.7	8.1	7.5	6.7	5.9
1100	14.9	14.4	13.9	13.4	12.9	12.2	11.4	10.7	10.0	9.1	8.5	7.9	7.3	6.6	5.8
1000	14.7	14.2	13.7	13.2	12.8	12.0	11.3	10.6	9.8	9.0	8.4	7.8	7.2	6.5	5.7
900	14.3	13.9	13.4	12.9	12.4	11.7	11.0	10.3	9.5	8.7	8.2	7.6	7.0	6.3	5.5
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	11.2	10.7	10.1	9.5	8.8	8.2	7.5	6.9	6.4	5.9	5.3	4.7
500	11.4	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	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
400	10.5	10.1	9.7	9.4	9.0	8.5	7.9	7.3	6.8	6.2	5.7	5.3	4.9	4.3	3.8
350	9.7	9.3	9.0	8.7	8.3	7.8	7.3	6.8	6.2	5.7	5.3	4.9	4.4	3.9	3.4
300	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
250	7.7	7.4	7.1	6.8	6.6	6.1	5.7	5.3	4.9	4.4	4.1	3.7	3.4	3.0	2.6
200	6.5	6.2	6.0	5.7	5.5	5.1	4.8	4.4	4.0	3.6	3.3	3.1	2.8	2.4	2.1
150	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
100	3.7	3.6	3.4	3.3	3.1	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.1
50	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.6	0.5	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

: = 25
= 86
: = .9

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
.0000	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
8000	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
6000	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
4000	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
3500	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
3000	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
2800	6.8	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
2600	6.7	5.9	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
2400	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
2200	6.4	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
2000	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
1800	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
1600	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
1500	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
1400	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
1300	5.4	4.9	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
1200	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
1100	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
1000	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
900	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
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	4.2	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
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	3.6	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
400	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
350	3.0	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
300	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
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	1.6	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
150	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
100	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
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 = 25
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	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	10.1	9.1
8000	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	10.1	9.1
6000	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	10.1	9.1
4000	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	10.1	9.1
3500	21.4	20.8	20.1	19.4	18.8	17.8	16.8	15.7	14.7	13.6	12.8	12.0	11.1	10.1	9.1
3000	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	10.1	9.0
2800	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
2600	20.9	20.2	19.6	18.9	18.3	17.3	16.3	15.3	14.4	13.2	12.4	11.6	10.8	9.8	8.8
2400	20.7	20.0	19.4	18.7	18.1	17.1	16.1	15.2	14.2	13.1	12.3	11.5	10.7	9.7	8.7
2200	20.5	19.8	19.2	18.5	17.9	16.9	16.0	15.0	14.0	12.9	12.1	11.4	10.6	9.6	8.6
2000	20.3	19.6	19.0	18.3	17.7	16.8	15.8	14.8	13.9	12.8	12.0	11.2	10.4	9.5	8.5
1800	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	9.2	8.2
1600	19.1	18.5	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
1500	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
1400	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
1300	18.3	17.7	17.1	16.6	16.0	15.1	14.2	13.3	12.4	11.4	10.7	10.0	9.3	8.4	7.5
1200	18.0	17.5	16.9	16.3	15.7	14.9	14.0	13.1	12.2	11.2	10.5	9.8	9.1	8.2	7.3
1100	17.8	17.2	16.6	16.0	15.5	14.6	13.8	12.9	12.0	11.1	10.4	9.7	9.0	8.1	7.2
1000	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
900	17.0	16.4	15.9	15.3	14.8	13.9	13.1	12.3	11.5	10.5	9.8	9.2	8.5	7.7	6.8
800	16.5	15.9	15.4	14.9	14.3	13.5	12.7	11.9	11.1	10.2	9.5	8.9	8.2	7.4	6.6
700	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
600	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
500	13.3	12.9	12.4	12.0	11.5	10.8	10.2	9.5	8.8	8.0	7.5	7.0	6.4	5.7	5.1
450	12.8	12.3	11.9	11.5	11.1	10.4	9.7	9.1	8.4	7.7	7.2	6.7	6.1	5.5	4.8
400	12.2	11.8	11.4	11.0	10.6	9.9	9.3	8.7	8.0	7.3	6.8	6.3	5.8	5.2	4.6
350	11.4	11.0	10.6	10.2	9.8	9.2	8.6	8.1	7.5	6.8	6.3	5.8	5.4	4.8	4.2
300	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
250	9.3	9.0	8.7	8.3	8.0	7.5	7.0	6.5	6.0	5.4	5.0	4.7	4.3	3.8	3.3
200	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
150	5.9	5.7	5.4	5.2	5.0	4.7	4.3	4.0	3.6	3.3	3.0	2.8	2.5	2.2	1.9
100	4.4	4.2	4.1	3.9	3.7	3.5	3.2	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.3
50	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
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

= 25
= 86
= 1.0

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	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
8000	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
6000	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
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	8.2	7.3	5.3	3.9	2.6	1.9	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
3000	8.2	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	8.1	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
2600	7.9	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
2400	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
2200	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
2000	7.6	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
1800	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
1600	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
1500	7.0	6.3	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	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
700	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
600	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
500	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
450	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
400	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
350	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
300	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
250	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
200	2.4	2.2	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	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
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 = 25
I = 134
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	16.2	15.7	15.1	14.6	13.8	12.9	12.1	11.3	10.4	9.7	9.0	8.4	7.5	6.7
8000	16.8	16.2	15.7	15.1	14.6	13.8	12.9	12.1	11.3	10.4	9.7	9.0	8.4	7.5	6.7
6000	16.8	16.2	15.7	15.1	14.6	13.8	12.9	12.1	11.3	10.4	9.7	9.0	8.4	7.5	6.7
4000	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
3500	15.5	15.0	14.5	14.0	13.5	12.7	11.9	11.1	10.4	9.5	8.9	8.3	7.7	6.9	6.1
3000	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
2800	14.9	14.5	14.0	13.5	13.0	12.2	11.5	10.7	10.0	9.1	8.5	7.9	7.4	6.6	5.8
2600	14.8	14.3	13.8	13.3	12.8	12.1	11.4	10.6	9.9	9.0	8.4	7.9	7.3	6.5	5.8
2400	14.6	14.2	13.7	13.2	12.7	12.0	11.2	10.5	9.8	8.9	8.4	7.8	7.2	6.4	5.7
2200	14.5	14.0	13.5	13.1	12.6	11.8	11.1	10.4	9.7	8.8	8.3	7.7	7.1	6.4	5.6
2000	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	5.5
1800	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
1600	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
1500	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
1400	12.9	12.5	12.1	11.6	11.2	10.5	9.9	9.2	8.5	7.8	7.3	6.7	6.2	5.6	4.9
1300	12.7	12.3	11.8	11.4	11.0	10.3	9.7	9.0	8.4	7.6	7.1	6.6	6.1	5.4	4.8
1200	12.5	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
1100	12.2	11.8	11.4	11.0	10.6	9.9	9.3	8.7	8.0	7.3	6.8	6.3	5.8	5.2	4.6
1000	12.0	11.6	11.2	10.8	10.3	9.7	9.1	8.5	7.9	7.2	6.7	6.2	5.7	5.1	4.5
900	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
800	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
700	10.7	10.3	9.9	9.5	9.2	8.6	8.0	7.5	6.9	6.3	5.8	5.4	5.0	4.4	3.9
600	10.0	9.6	9.3	8.9	8.6	8.0	7.5	7.0	6.5	5.9	5.4	5.0	4.6	4.1	3.6
500	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
450	8.6	8.3	8.0	7.7	7.3	6.9	6.4	5.9	5.5	5.0	4.6	4.2	3.9	3.4	3.0
400	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
350	7.4	7.1	6.8	6.6	6.3	5.9	5.5	5.1	4.7	4.2	3.9	3.6	3.3	2.9	2.5
300	6.7	6.4	6.2	5.9	5.7	5.3	4.9	4.5	4.2	3.7	3.5	3.2	2.9	2.5	2.2
250	5.4	5.2	5.0	4.7	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.5	2.3	2.0	1.7
200	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
150	3.7	3.5	3.4	3.2	3.1	2.9	2.6	2.4	2.2	1.9	1.8	1.6	1.5	1.3	1.0
100	2.8	2.6	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
50	1.2	1.1	1.1	1.0	1.0	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

= 25
= 134
= .5

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	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
8000	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
6000	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
4000	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
3500	5.5	4.9	3.5	2.5	1.5	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	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
2800	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
2600	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
2400	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
2200	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
2000	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
1800	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
1600	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
1500	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
1400	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
1300	4.3	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
1200	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
1100	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
1000	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
900	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
800	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
700	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
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	2.8	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
450	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
400	2.4	2.2	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	2.2	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	1.7	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
250	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
200	1.2	1.0	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
150	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
100	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
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 = 25
I = 134
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	20.1	19.5	18.8	18.2	17.6	16.6	15.7	14.7	13.8	12.7	11.9	11.1	10.4	9.4	8.4
8000	20.1	19.5	18.8	18.2	17.6	16.6	15.7	14.7	13.8	12.7	11.9	11.1	10.4	9.4	8.4
6000	20.1	19.5	18.8	18.2	17.6	16.6	15.7	14.7	13.8	12.7	11.9	11.1	10.4	9.4	8.4
4000	20.1	19.5	18.8	18.2	17.6	16.6	15.7	14.7	13.8	12.7	11.9	11.1	10.4	9.4	8.4
3500	19.9	19.3	18.6	18.0	17.4	16.4	15.5	14.6	13.6	12.5	11.8	11.0	10.2	9.3	8.3
3000	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
2800	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	8.1
2600	19.2	18.6	18.0	17.4	16.8	15.9	14.9	14.0	13.1	12.1	11.3	10.6	9.8	8.9	7.9
2400	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
2200	18.7	18.1	17.5	16.9	16.4	15.5	14.6	13.7	12.8	11.7	11.0	10.3	9.5	8.6	7.7
2000	18.5	17.9	17.3	16.7	16.1	15.3	14.4	13.5	12.6	11.6	10.8	10.1	9.4	8.5	7.6
1800	18.0	17.4	16.8	16.2	15.7	14.8	13.9	13.0	12.2	11.2	10.5	9.8	9.1	8.2	7.3
1600	17.4	16.8	16.3	15.7	15.2	14.3	13.5	12.6	11.8	10.8	10.1	9.4	8.8	7.9	7.0
1500	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
1400	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
1300	16.6	16.1	15.5	15.0	14.4	13.6	12.8	12.0	11.2	10.3	9.6	8.9	8.3	7.5	6.6
1200	16.3	15.8	15.3	14.7	14.2	13.4	12.6	11.8	11.0	10.1	9.4	8.8	8.1	7.3	6.5
1100	16.0	15.5	15.0	14.5	14.0	13.2	12.4	11.6	10.8	9.9	9.3	8.6	8.0	7.2	6.4
1000	15.8	15.3	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
900	15.2	14.7	14.2	13.7	13.2	12.5	11.7	11.0	10.2	9.3	8.7	8.1	7.5	6.7	6.0
800	14.8	14.3	13.8	13.3	12.8	12.1	11.4	10.6	9.9	9.0	8.4	7.8	7.3	6.5	5.8
700	14.0	13.5	13.0	12.6	12.1	11.4	10.7	10.0	9.3	8.5	7.9	7.3	6.8	6.1	5.4
600	13.1	12.7	12.2	11.8	11.4	10.7	10.0	9.3	8.7	7.9	7.4	6.9	6.3	5.6	5.0
500	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
450	11.6	11.2	10.8	10.4	10.0	9.4	8.8	8.2	7.6	6.9	6.5	6.0	5.5	4.9	4.3
400	11.1	10.8	10.4	10.0	9.6	9.0	8.4	7.8	7.3	6.6	6.1	5.7	5.2	4.7	4.1
350	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
300	9.5	9.2	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
250	8.3	8.0	7.7	7.4	7.1	6.7	6.2	5.7	5.3	4.8	4.4	4.1	3.7	3.3	2.8
200	7.1	6.9	6.6	6.3	6.1	5.7	5.3	4.9	4.5	4.0	3.7	3.4	3.1	2.7	2.4
150	4.9	4.7	4.6	4.4	4.2	3.9	3.6	3.3	3.0	2.7	2.5	2.3	2.0	1.8	1.5
100	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
50	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
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

= 25
= 134
= .6

(L)
eltered
stance
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	7.6	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	7.6	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
4000	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
3500	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
3000	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
2800	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
2600	7.2	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
2400	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
2200	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
2000	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
1800	6.6	5.9	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	6.3	5.6	4.0	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	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	5.2	4.6	3.2	2.3	1.4	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	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
600	4.5	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	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
450	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
400	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
350	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
300	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
250	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
200	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
150	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
100	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
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 = 25
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	23.5	22.7	22.0	21.3	20.6	19.5	18.4	17.3	16.3	15.0	14.1	13.3	12.4	11.3	10.1
8000	23.5	22.7	22.0	21.3	20.6	19.5	18.4	17.3	16.3	15.0	14.1	13.3	12.4	11.3	10.1
6000	23.5	22.7	22.0	21.3	20.6	19.5	18.4	17.3	16.3	15.0	14.1	13.3	12.4	11.3	10.1
4000	23.5	22.7	22.0	21.3	20.6	19.5	18.4	17.3	16.3	15.0	14.1	13.3	12.4	11.3	10.1
3500	23.5	22.7	22.0	21.3	20.6	19.5	18.4	17.3	16.3	15.0	14.1	13.3	12.4	11.3	10.1
3000	23.5	22.7	22.0	21.3	20.6	19.5	18.4	17.3	16.3	15.0	14.1	13.3	12.4	11.3	10.1
2800	23.3	22.6	21.9	21.1	20.4	19.4	18.3	17.2	16.1	14.9	14.0	13.1	12.3	11.2	10.0
2600	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	9.9
2400	22.9	22.2	21.5	20.8	20.1	19.1	18.0	16.9	15.9	14.7	13.8	12.9	12.1	11.0	9.9
2200	22.7	22.0	21.3	20.7	20.0	18.9	17.8	16.8	15.7	14.5	13.7	12.8	11.9	10.9	9.8
2000	22.6	21.9	21.2	20.5	19.8	18.7	17.7	16.6	15.6	14.4	13.5	12.7	11.8	10.8	9.7
1800	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	10.5	9.4
1600	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
1500	21.3	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
1400	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
1300	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
1200	20.5	19.8	19.2	18.5	17.9	16.9	16.0	15.0	14.0	12.9	12.1	11.4	10.6	9.6	8.6
1100	20.2	19.6	18.9	18.3	17.7	16.7	15.8	14.8	13.8	12.7	12.0	11.2	10.4	9.4	8.4
1000	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
900	19.4	18.8	18.2	17.6	17.0	16.0	15.1	14.2	13.3	12.2	11.5	10.7	10.0	9.0	8.0
800	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
700	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
600	16.7	16.1	15.6	15.1	14.5	13.7	12.9	12.1	11.2	10.3	9.7	9.0	8.3	7.5	6.7
500	15.1	14.6	14.1	13.7	13.2	12.4	11.6	10.9	10.1	9.3	8.7	8.1	7.5	6.7	5.9
450	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
400	14.0	13.6	13.1	12.6	12.2	11.5	10.7	10.0	9.3	8.5	8.0	7.4	6.8	6.1	5.4
350	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
300	12.3	11.9	11.5	11.1	10.7	10.0	9.4	8.8	8.1	7.4	6.9	6.4	5.9	5.3	4.6
250	11.1	10.7	10.3	9.9	9.5	9.0	8.4	7.8	7.2	6.6	6.1	5.7	5.2	4.6	4.0
200	9.8	9.5	9.1	8.8	8.4	7.9	7.4	6.9	6.3	5.8	5.3	4.9	4.5	4.0	3.5
150	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
100	5.4	5.2	5.0	4.8	4.6	4.3	4.0	3.6	3.3	3.0	2.7	2.5	2.3	2.0	1.7
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

= 25
= 134
= .7

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	9.2	8.2	6.0	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	8.2	6.0	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	2.2	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
4000	9.2	8.2	6.0	4.4	3.0	2.2	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
3500	9.2	8.2	6.0	4.4	3.0	2.2	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
3000	9.2	8.2	6.0	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	9.1	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
2600	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
2400	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
2200	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
2000	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
1800	8.5	7.6	5.6	4.1	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	7.4	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	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
700	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
600	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
500	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
450	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
400	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
350	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
300	4.1	3.7	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
250	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
200	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
150	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
100	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
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 = 25
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	26.8	26.0	25.2	24.4	23.6	22.4	21.2	20.0	18.8	17.4	16.4	15.4	14.4	13.2	11.9
8000	26.8	26.0	25.2	24.4	23.6	22.4	21.2	20.0	18.8	17.4	16.4	15.4	14.4	13.2	11.9
6000	26.8	26.0	25.2	24.4	23.6	22.4	21.2	20.0	18.8	17.4	16.4	15.4	14.4	13.2	11.9
4000	26.8	26.0	25.2	24.4	23.6	22.4	21.2	20.0	18.8	17.4	16.4	15.4	14.4	13.2	11.9
3500	26.8	26.0	25.2	24.4	23.6	22.4	21.2	20.0	18.8	17.4	16.4	15.4	14.4	13.2	11.9
3000	26.8	26.0	25.2	24.4	23.6	22.4	21.2	20.0	18.8	17.4	16.4	15.4	14.4	13.2	11.9
2800	26.6	25.8	25.0	24.2	23.4	22.2	21.0	19.8	18.6	17.3	16.3	15.3	14.3	13.1	11.8
2600	26.4	25.6	24.8	24.1	23.3	22.1	20.9	19.7	18.5	17.1	16.2	15.2	14.2	13.0	11.7
2400	26.2	25.4	24.7	23.9	23.1	21.9	20.7	19.5	18.4	17.0	16.0	15.1	14.1	12.8	11.6
2200	26.0	25.2	24.5	23.7	22.9	21.7	20.6	19.4	18.2	16.9	15.9	14.9	14.0	12.7	11.5
2000	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
1800	25.1	24.3	23.5	22.8	22.0	20.9	19.8	18.6	17.5	16.2	15.2	14.3	13.4	12.2	11.0
1600	24.5	23.8	23.1	22.3	21.6	20.4	19.3	18.2	17.1	15.8	14.9	14.0	13.0	11.9	10.7
1500	24.3	23.6	22.8	22.1	21.3	20.2	19.1	18.0	16.9	15.6	14.7	13.8	12.9	11.7	10.6
1400	24.0	23.3	22.6	21.8	21.1	20.0	18.9	17.8	16.7	15.4	14.5	13.6	12.7	11.6	10.4
1300	23.8	23.1	22.3	21.6	20.9	19.8	18.7	17.6	16.5	15.3	14.4	13.5	12.6	11.4	10.3
1200	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
1100	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
1000	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
900	22.6	21.9	21.2	20.5	19.8	18.7	17.7	16.6	15.6	14.4	13.5	12.7	11.8	10.7	9.7
800	22.1	21.4	20.7	20.0	19.3	18.3	17.3	16.3	15.2	14.1	13.2	12.4	11.5	10.5	9.4
700	21.1	20.4	19.8	19.1	18.4	17.5	16.5	15.5	14.5	13.4	12.5	11.7	10.9	9.9	8.9
600	20.1	19.4	18.8	18.2	17.5	16.6	15.6	14.7	13.7	12.7	11.9	11.1	10.3	9.3	8.4
500	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
450	18.2	17.6	17.0	16.5	15.9	15.0	14.1	13.2	12.4	11.4	10.7	9.9	9.2	8.3	7.4
400	17.6	17.0	16.5	15.9	15.3	14.5	13.6	12.8	11.9	10.9	10.2	9.6	8.9	8.0	7.1
350	16.5	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
300	15.3	14.8	14.3	13.8	13.3	12.5	11.8	11.0	10.3	9.4	8.8	8.2	7.6	6.8	6.0
250	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
200	12.6	12.2	11.8	11.3	10.9	10.3	9.6	9.0	8.3	7.6	7.1	6.6	6.1	5.4	4.7
150	10.5	10.1	9.8	9.4	9.0	8.5	7.9	7.4	6.8	6.2	5.8	5.3	4.9	4.3	3.8
100	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
50	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
10	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0

C = 25
I = 134
K = .8

(L)
heltered
stance
n 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	10.8	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
8000	10.8	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
6000	10.8	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
4000	10.8	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
3500	10.8	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
3000	10.8	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
2800	10.7	9.7	7.2	5.3	3.6	2.7	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2600	10.6	9.6	7.1	5.2	3.6	2.6	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2400	10.5	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	9.4	7.0	5.1	3.5	2.6	1.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2000	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
1800	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
1600	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
1500	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
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	6.2	4.5	3.0	2.2	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1200	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
1100	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
1000	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
900	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
800	8.5	7.6	5.6	4.1	2.7	1.9	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
700	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
600	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
500	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
450	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
400	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
350	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
300	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
250	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
200	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
150	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
100	2.6	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
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 = 25
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	30.2	29.3	28.4	27.5	26.6	25.3	24.0	22.7	21.3	19.8	18.7	17.7	16.6	15.2	13.8
8000	30.2	29.3	28.4	27.5	26.6	25.3	24.0	22.7	21.3	19.8	18.7	17.7	16.6	15.2	13.8
6000	30.2	29.3	28.4	27.5	26.6	25.3	24.0	22.7	21.3	19.8	18.7	17.7	16.6	15.2	13.8
4000	30.2	29.3	28.4	27.5	26.6	25.3	24.0	22.7	21.3	19.8	18.7	17.7	16.6	15.2	13.8
3500	30.2	29.3	28.4	27.5	26.6	25.3	24.0	22.7	21.3	19.8	18.7	17.7	16.6	15.2	13.8
3000	30.2	29.3	28.4	27.5	26.6	25.3	24.0	22.7	21.3	19.8	18.7	17.7	16.6	15.2	13.8
2800	30.0	29.2	28.3	27.4	26.5	25.2	23.9	22.6	21.3	19.7	18.7	17.6	16.5	15.1	13.7
2600	29.9	29.0	28.1	27.3	26.4	25.1	23.8	22.5	21.1	19.6	18.6	17.5	16.4	15.0	13.6
2400	29.7	28.9	28.0	27.1	26.3	25.0	23.6	22.3	21.0	19.5	18.4	17.4	16.3	14.9	13.5
2200	29.6	28.7	27.8	27.0	26.1	24.8	23.5	22.2	20.9	19.4	18.3	17.3	16.2	14.8	13.5
2000	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
1800	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
1600	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
1500	28.1	27.2	26.4	25.6	24.8	23.5	22.2	21.0	19.7	18.3	17.3	16.3	15.2	13.9	12.6
1400	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
1300	27.5	26.7	25.9	25.1	24.3	23.0	21.8	20.6	19.3	17.9	16.9	15.9	14.9	13.6	12.3
1200	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
1100	27.0	26.2	25.4	24.6	23.8	22.5	21.3	20.1	18.9	17.5	16.5	15.5	14.5	13.3	12.0
1000	26.7	25.9	25.1	24.3	23.5	22.3	21.1	19.9	18.7	17.3	16.4	15.4	14.4	13.1	11.9
900	25.6	24.8	24.1	23.3	22.5	21.4	20.2	19.1	17.9	16.6	15.6	14.7	13.7	12.5	11.3
800	24.7	23.9	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
700	23.9	23.1	22.4	21.7	21.0	19.9	18.8	17.7	16.6	15.3	14.4	13.5	12.6	11.5	10.3
600	23.0	22.3	21.6	20.9	20.2	19.1	18.1	17.0	15.9	14.7	13.8	13.0	12.1	11.0	9.9
500	21.8	21.1	20.4	19.8	19.1	18.1	17.0	16.0	15.0	13.8	13.0	12.2	11.4	10.3	9.2
450	21.1	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
400	20.5	19.9	19.2	18.6	18.0	17.0	16.0	15.1	14.1	13.0	12.2	11.4	10.6	9.6	8.6
350	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
300	18.5	17.9	17.3	16.7	16.1	15.2	14.4	13.5	12.6	11.6	10.8	10.1	9.4	8.5	7.6
250	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
200	15.3	14.8	14.3	13.8	13.3	12.6	11.8	11.0	10.3	9.4	8.8	8.2	7.6	6.8	6.0
150	13.1	12.7	12.2	11.8	11.4	10.7	10.0	9.3	8.7	7.9	7.4	6.9	6.3	5.6	5.0
100	11.0	10.6	10.2	9.9	9.5	8.9	8.3	7.8	7.2	6.5	6.1	5.6	5.2	4.6	4.0
50	5.4	5.2	5.0	4.8	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.5	2.3	2.0	1.7
10	1.0	0.9	0.8	0.7	0.7	0.6	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0

C = 25
I = 134
K = .9

(L)
heltered
stance
n 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	12.5	11.3	8.5	6.3	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
8000	12.5	11.3	8.5	6.3	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
6000	12.5	11.3	8.5	6.3	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
4000	12.5	11.3	8.5	6.3	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
3500	12.5	11.3	8.5	6.3	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
3000	12.5	11.3	8.5	6.3	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
2800	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
2600	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
2400	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
2200	12.2	11.1	8.3	6.2	4.2	3.2	1.6	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2000	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
1800	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
1600	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
1500	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
1400	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
1300	11.2	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
1200	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
1100	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
1000	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
900	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
800	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
700	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
600	9.0	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
500	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
450	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
400	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
350	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
300	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
250	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
200	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
150	4.5	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
100	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
50	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
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 = 25
I = 134
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	33.5	32.5	31.6	30.6	29.7	28.3	26.8	25.4	23.9	22.3	21.1	19.9	18.7	17.2	15.7
8000	33.5	32.5	31.6	30.6	29.7	28.3	26.8	25.4	23.9	22.3	21.1	19.9	18.7	17.2	15.7
6000	33.5	32.5	31.6	30.6	29.7	28.3	26.8	25.4	23.9	22.3	21.1	19.9	18.7	17.2	15.7
4000	33.5	32.5	31.6	30.6	29.7	28.3	26.8	25.4	23.9	22.3	21.1	19.9	18.7	17.2	15.7
3500	33.5	32.5	31.6	30.6	29.7	28.3	26.8	25.4	23.9	22.3	21.1	19.9	18.7	17.2	15.7
3000	33.5	32.5	31.6	30.6	29.7	28.3	26.8	25.4	23.9	22.3	21.1	19.9	18.7	17.2	15.7
2800	33.5	32.5	31.6	30.6	29.7	28.3	26.8	25.4	23.9	22.3	21.1	19.9	18.7	17.2	15.7
2600	33.5	32.5	31.6	30.6	29.7	28.3	26.8	25.4	23.9	22.3	21.1	19.9	18.7	17.2	15.7
2400	33.5	32.5	31.6	30.6	29.7	28.3	26.8	25.4	23.9	22.3	21.1	19.9	18.7	17.2	15.7
2200	33.5	32.5	31.6	30.6	29.7	28.3	26.8	25.4	23.9	22.3	21.1	19.9	18.7	17.2	15.7
2000	33.5	32.5	31.6	30.6	29.7	28.3	26.8	25.4	23.9	22.3	21.1	19.9	18.7	17.2	15.7
1800	33.1	32.1	31.2	30.3	29.3	27.9	26.5	25.0	23.6	22.0	20.8	19.6	18.4	16.9	15.4
1600	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
1500	32.4	31.5	30.6	29.7	28.7	27.3	25.9	24.5	23.1	21.5	20.4	19.2	18.0	16.6	15.1
1400	32.2	31.3	30.4	29.5	28.5	27.1	25.7	24.3	23.0	21.4	20.2	19.0	17.9	16.4	15.0
1300	32.0	31.1	30.2	29.3	28.4	27.0	25.6	24.2	22.8	21.2	20.1	18.9	17.8	16.3	14.8
1200	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
1100	31.6	30.7	29.8	28.9	28.0	26.6	25.2	23.8	22.5	20.9	19.8	18.6	17.5	16.0	14.6
1000	31.4	30.5	29.6	28.7	27.8	26.4	25.0	23.7	22.3	20.7	19.6	18.5	17.3	15.9	14.5
900	31.1	30.2	29.3	28.4	27.5	26.1	24.8	23.4	22.1	20.5	19.4	18.3	17.2	15.7	14.3
800	30.8	29.9	29.0	28.1	27.2	25.9	24.5	23.2	21.8	20.3	19.2	18.1	17.0	15.6	14.1
700	29.5	28.7	27.8	26.9	26.1	24.8	23.5	22.2	20.9	19.4	18.3	17.2	16.2	14.8	13.4
600	28.1	27.3	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
500	26.4	25.6	24.8	24.0	23.2	22.0	20.8	19.6	18.5	17.1	16.1	15.1	14.2	12.9	11.7
450	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
400	24.8	24.0	23.3	22.5	21.8	20.6	19.5	18.4	17.2	16.0	15.0	14.1	13.2	12.0	10.8
350	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
300	23.1	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	21.4	20.8	20.1	19.5	18.8	17.8	16.8	15.8	14.8	13.6	12.8	12.0	11.2	10.1	9.1
200	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
150	16.9	16.4	15.8	15.3	14.7	13.9	13.1	12.3	11.4	10.5	9.8	9.2	8.5	7.6	6.8
100	14.3	13.8	13.4	12.9	12.4	11.7	11.0	10.2	9.5	8.7	8.1	7.6	7.0	6.3	5.5
50	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	3.4	2.9
10	1.4	1.3	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

C = 25
I = 134
K = 1.0

(L)
heltered
stance
n 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	14.3	13.0	9.8	7.4	5.1	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
8000	14.3	13.0	9.8	7.4	5.1	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
6000	14.3	13.0	9.8	7.4	5.1	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
4000	14.3	13.0	9.8	7.4	5.1	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
3500	14.3	13.0	9.8	7.4	5.1	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
3000	14.3	13.0	9.8	7.4	5.1	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
2800	14.3	13.0	9.8	7.4	5.1	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
2600	14.3	13.0	9.8	7.4	5.1	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
2400	14.3	13.0	9.8	7.4	5.1	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
2200	14.3	13.0	9.8	7.4	5.1	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
2000	14.3	13.0	9.8	7.4	5.1	3.9	2.0	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
1800	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
1600	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
1500	13.7	12.4	9.4	7.0	4.9	3.7	1.9	1.3	0.9	0.6	0.3	0.0	0.0	0.0	0.0
1400	13.6	12.3	9.3	7.0	4.8	3.6	1.9	1.3	0.9	0.6	0.3	0.0	0.0	0.0	0.0
1300	13.5	12.2	9.2	6.9	4.8	3.6	1.9	1.2	0.9	0.5	0.3	0.0	0.0	0.0	0.0
1200	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
1100	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
1000	13.2	11.9	8.9	6.7	4.7	3.5	1.8	1.2	0.9	0.5	0.3	0.0	0.0	0.0	0.0
900	13.0	11.8	8.8	6.6	4.6	3.4	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	1.2	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	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
600	11.5	10.4	7.7	5.7	3.9	2.9	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500	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
450	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
400	9.8	8.8	6.5	4.8	3.2	2.4	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
350	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
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	8.2	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
200	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
150	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
100	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
50	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
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 = 25
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	31.3	30.3	29.4	28.5	27.6	26.3	24.9	23.6	22.2	20.6	19.5	18.4	17.3	15.8	14.4
8000	31.3	30.3	29.4	28.5	27.6	26.3	24.9	23.6	22.2	20.6	19.5	18.4	17.3	15.8	14.4
6000	31.3	30.3	29.4	28.5	27.6	26.3	24.9	23.6	22.2	20.6	19.5	18.4	17.3	15.8	14.4
4000	31.3	30.3	29.4	28.5	27.6	26.3	24.9	23.6	22.2	20.6	19.5	18.4	17.3	15.8	14.4
3500	31.3	30.3	29.4	28.5	27.6	26.3	24.9	23.6	22.2	20.6	19.5	18.4	17.3	15.8	14.4
3000	31.3	30.3	29.4	28.5	27.6	26.3	24.9	23.6	22.2	20.6	19.5	18.4	17.3	15.8	14.4
2800	31.2	30.3	29.4	28.5	27.6	26.2	24.9	23.5	22.1	20.6	19.5	18.3	17.2	15.8	14.4
2600	31.1	30.2	29.3	28.4	27.5	26.2	24.8	23.4	22.1	20.5	19.4	18.3	17.2	15.7	14.3
2400	31.0	30.2	29.3	28.4	27.5	26.1	24.8	23.4	22.0	20.5	19.4	18.2	17.1	15.7	14.3
2200	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
2000	30.9	30.0	29.1	28.2	27.3	26.0	24.6	23.3	21.9	20.4	19.3	18.2	17.0	15.6	14.2
1800	30.5	29.6	28.7	27.8	26.9	25.6	24.3	22.9	21.6	20.1	19.0	17.9	16.8	15.4	14.0
1600	30.0	29.1	28.3	27.4	26.5	25.2	23.9	22.6	21.2	19.7	18.7	17.6	16.5	15.1	13.7
1500	29.8	28.9	28.0	27.2	26.3	25.0	23.7	22.4	21.0	19.6	18.5	17.4	16.3	14.9	13.6
1400	29.5	28.6	27.8	26.9	26.1	24.7	23.4	22.1	20.8	19.4	18.3	17.2	16.1	14.8	13.4
1300	29.2	28.4	27.5	26.7	25.8	24.5	23.2	21.9	20.6	19.2	18.1	17.0	16.0	14.6	13.3
1200	29.0	28.1	27.3	26.4	25.6	24.3	23.0	21.7	20.4	19.0	17.9	16.9	15.8	14.5	13.1
1100	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
1000	28.4	27.6	26.8	25.9	25.1	23.8	22.6	21.3	20.0	18.6	17.5	16.5	15.5	14.1	12.8
900	27.7	26.9	26.1	25.2	24.4	23.2	22.0	20.7	19.5	18.1	17.0	16.0	15.0	13.7	12.4
800	27.0	26.2	25.4	24.6	23.8	22.6	21.3	20.1	18.9	17.5	16.5	15.6	14.6	13.3	12.0
700	25.6	24.8	24.0	23.3	22.5	21.3	20.2	19.0	17.9	16.5	15.6	14.6	13.7	12.5	11.3
600	24.5	23.7	23.0	22.2	21.5	20.4	19.3	18.1	17.0	15.7	14.8	13.9	13.0	11.8	10.7
500	23.3	22.6	21.9	21.1	20.4	19.4	18.3	17.2	16.1	14.9	14.0	13.2	12.3	11.2	10.0
450	22.7	22.0	21.3	20.6	19.9	18.9	17.8	16.7	15.7	14.5	13.6	12.8	11.9	10.8	9.7
400	22.1	21.4	20.7	20.1	19.4	18.4	17.3	16.3	15.3	14.1	13.2	12.4	11.6	10.5	9.4
350	21.1	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
300	20.2	19.5	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
250	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
200	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
150	14.3	13.9	13.4	12.9	12.4	11.7	11.0	10.3	9.5	8.7	8.2	7.6	7.0	6.3	5.5
100	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
50	6.5	6.2	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
10	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

= 25
= 250
= .5

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	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
8000	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
6000	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
4000	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
3500	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
3000	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
2800	13.1	11.8	8.9	6.6	4.6	3.4	1.8	1.2	0.8	0.5	0.3	0.0	0.0	0.0	0.0
2600	13.1	11.8	8.8	6.6	4.6	3.4	1.8	1.2	0.8	0.5	0.3	0.0	0.0	0.0	0.0
2400	13.0	11.8	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
2200	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
2000	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
1800	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
1600	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
1500	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
1400	12.2	11.0	8.2	6.1	4.2	3.1	1.6	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1300	12.1	10.9	8.1	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	10.8	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
1100	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
1000	11.7	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
900	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
800	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
700	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
600	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
500	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
450	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
400	8.5	7.6	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
350	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
300	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
250	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
200	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
150	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
100	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
50	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
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 = 25
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	37.5	36.5	35.4	34.4	33.3	31.8	30.2	28.6	27.0	25.2	23.9	22.6	21.3	19.7	18.0
8000	37.5	36.5	35.4	34.4	33.3	31.8	30.2	28.6	27.0	25.2	23.9	22.6	21.3	19.7	18.0
6000	37.5	36.5	35.4	34.4	33.3	31.8	30.2	28.6	27.0	25.2	23.9	22.6	21.3	19.7	18.0
4000	37.5	36.5	35.4	34.4	33.3	31.8	30.2	28.6	27.0	25.2	23.9	22.6	21.3	19.7	18.0
3500	37.5	36.5	35.4	34.4	33.3	31.8	30.2	28.6	27.0	25.2	23.9	22.6	21.3	19.7	18.0
3000	37.5	36.5	35.4	34.4	33.3	31.8	30.2	28.6	27.0	25.2	23.9	22.6	21.3	19.7	18.0
2800	37.5	36.5	35.4	34.4	33.3	31.8	30.2	28.6	27.0	25.2	23.9	22.6	21.3	19.7	18.0
2600	37.5	36.5	35.4	34.4	33.3	31.8	30.2	28.6	27.0	25.2	23.9	22.6	21.3	19.7	18.0
2400	37.5	36.5	35.4	34.4	33.3	31.8	30.2	28.6	27.0	25.2	23.9	22.6	21.3	19.7	18.0
2200	37.5	36.5	35.4	34.4	33.3	31.8	30.2	28.6	27.0	25.2	23.9	22.6	21.3	19.7	18.0
2000	37.5	36.5	35.4	34.4	33.3	31.8	30.2	28.6	27.0	25.2	23.9	22.6	21.3	19.7	18.0
1800	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
1600	36.9	35.8	34.8	33.8	32.8	31.2	29.7	28.1	26.6	24.8	23.5	22.2	20.9	19.3	17.6
1500	36.7	35.7	34.7	33.6	32.6	31.1	29.5	28.0	26.4	24.7	23.4	22.1	20.8	19.2	17.5
1400	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
1300	36.4	35.4	34.4	33.4	32.3	30.8	29.3	27.7	26.2	24.4	23.2	21.9	20.6	19.0	17.4
1200	36.3	35.2	34.2	33.2	32.2	30.7	29.1	27.6	26.1	24.3	23.0	21.8	20.5	18.9	17.3
1100	36.1	35.1	34.1	33.1	32.1	30.5	29.0	27.5	25.9	24.2	22.9	21.7	20.4	18.8	17.2
1000	35.9	34.9	33.9	32.9	31.9	30.4	28.9	27.3	25.8	24.1	22.8	21.6	20.3	18.7	17.1
900	35.3	34.3	33.3	32.3	31.3	29.8	28.3	26.8	25.3	23.6	22.4	21.1	19.9	18.3	16.7
800	34.7	33.8	32.8	31.8	30.8	29.3	27.8	26.4	24.9	23.2	22.0	20.7	19.5	17.9	16.4
700	33.9	33.0	32.0	31.0	30.1	28.6	27.2	25.7	24.3	22.6	21.4	20.2	19.0	17.5	15.9
600	33.1	32.2	31.2	30.3	29.3	27.9	26.5	25.1	23.6	22.0	20.8	19.6	18.5	17.0	15.5
500	31.8	30.8	29.9	29.0	28.1	26.7	25.3	24.0	22.6	21.0	19.9	18.7	17.6	16.1	14.7
450	31.1	30.2	29.3	28.4	27.5	26.1	24.8	23.4	22.1	20.5	19.4	18.3	17.2	15.7	14.3
400	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
350	28.9	28.0	27.2	26.3	25.5	24.2	22.9	21.6	20.4	18.9	17.9	16.8	15.7	14.4	13.1
300	27.3	26.5	25.6	24.8	24.0	22.8	21.6	20.4	19.1	17.7	16.7	15.7	14.7	13.5	12.2
250	24.9	24.1	23.4	22.6	21.9	20.8	19.6	18.5	17.3	16.1	15.1	14.2	13.3	12.1	10.9
200	23.3	22.6	21.9	21.2	20.5	19.4	18.3	17.3	16.2	14.9	14.1	13.2	12.3	11.2	10.1
150	20.5	19.8	19.2	18.5	17.9	16.9	16.0	15.0	14.0	12.9	12.1	11.4	10.6	9.6	8.6
100	17.5	16.9	16.4	15.8	15.3	14.4	13.5	12.7	11.8	10.9	10.2	9.5	8.8	7.9	7.1
50	11.0	10.6	10.2	9.8	9.5	8.9	8.3	7.7	7.2	6.5	6.1	5.6	5.1	4.6	4.0
10	1.8	1.7	1.6	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.7	0.6	0.5	0.3	0.1

= 25
= 250
= .6

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	16.5	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
8000	16.5	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
6000	16.5	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
4000	16.5	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
3500	16.5	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
3000	16.5	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
2800	16.5	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
2600	16.5	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
2400	16.5	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
2200	16.5	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	16.5	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
1800	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
1600	16.1	14.6	11.1	8.4	6.0	4.6	2.4	1.6	1.2	0.7	0.4	0.0	0.0	0.0	0.0
1500	16.0	14.6	11.1	8.4	5.9	4.5	2.4	1.6	1.2	0.7	0.4	0.0	0.0	0.0	0.0
1400	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
1300	15.9	14.4	10.9	8.3	5.9	4.5	2.4	1.6	1.2	0.7	0.4	0.0	0.0	0.0	0.0
1200	15.8	14.3	10.9	8.2	5.8	4.4	2.3	1.6	1.1	0.7	0.4	0.0	0.0	0.0	0.0
1100	15.7	14.2	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
1000	15.6	14.2	10.7	8.1	5.7	4.4	2.3	1.6	1.1	0.7	0.4	0.0	0.0	0.0	0.0
900	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
800	15.0	13.6	10.3	7.8	5.4	4.1	2.2	1.5	1.0	0.6	0.3	0.0	0.0	0.0	0.0
700	14.5	13.2	9.9	7.5	5.2	4.0	2.1	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
600	14.1	12.8	9.6	7.2	5.1	3.8	2.0	1.3	0.9	0.6	0.3	0.0	0.0	0.0	0.0
500	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
450	13.0	11.8	8.8	6.6	4.6	3.4	1.8	1.2	0.8	0.5	0.3	0.0	0.0	0.0	0.0
400	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
350	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
300	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
250	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
200	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
150	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
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	3.6	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
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 = 25
I = 250
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	43.8	42.6	41.4	40.2	39.1	37.3	35.5	33.7	32.0	29.9	28.4	27.0	25.5	23.6	21.7
8000	43.8	42.6	41.4	40.2	39.1	37.3	35.5	33.7	32.0	29.9	28.4	27.0	25.5	23.6	21.7
6000	43.8	42.6	41.4	40.2	39.1	37.3	35.5	33.7	32.0	29.9	28.4	27.0	25.5	23.6	21.7
4000	43.8	42.6	41.4	40.2	39.1	37.3	35.5	33.7	32.0	29.9	28.4	27.0	25.5	23.6	21.7
3500	43.8	42.6	41.4	40.2	39.1	37.3	35.5	33.7	32.0	29.9	28.4	27.0	25.5	23.6	21.7
3000	43.8	42.6	41.4	40.2	39.1	37.3	35.5	33.7	32.0	29.9	28.4	27.0	25.5	23.6	21.7
2800	43.8	42.6	41.4	40.2	39.1	37.3	35.5	33.7	32.0	29.9	28.4	27.0	25.5	23.6	21.7
2600	43.8	42.6	41.4	40.2	39.1	37.3	35.5	33.7	32.0	29.9	28.4	27.0	25.5	23.6	21.7
2400	43.8	42.6	41.4	40.2	39.1	37.3	35.5	33.7	32.0	29.9	28.4	27.0	25.5	23.6	21.7
2200	43.8	42.6	41.4	40.2	39.1	37.3	35.5	33.7	32.0	29.9	28.4	27.0	25.5	23.6	21.7
2000	43.8	42.6	41.4	40.2	39.1	37.3	35.5	33.7	32.0	29.9	28.4	27.0	25.5	23.6	21.7
1800	43.6	42.4	41.2	40.1	38.9	37.1	35.4	33.6	31.8	29.8	28.3	26.9	25.4	23.5	21.6
1600	43.4	42.2	41.1	39.9	38.7	37.0	35.2	33.4	31.7	29.7	28.2	26.7	25.3	23.4	21.5
1500	43.3	42.2	41.0	39.8	38.7	36.9	35.1	33.4	31.6	29.6	28.1	26.7	25.2	23.3	21.5
1400	43.2	42.1	40.9	39.7	38.6	36.8	35.1	33.3	31.5	29.5	28.1	26.6	25.1	23.3	21.4
1300	43.1	42.0	40.8	39.7	38.5	36.7	35.0	33.2	31.5	29.5	28.0	26.5	25.1	23.2	21.4
1200	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
1100	43.0	41.8	40.7	39.5	38.3	36.6	34.8	33.1	31.3	29.3	27.9	26.4	25.0	23.1	21.3
1000	42.9	41.7	40.6	39.4	38.3	36.5	34.8	33.0	31.3	29.3	27.8	26.4	24.9	23.1	21.2
900	42.1	41.0	39.8	38.7	37.6	35.8	34.1	32.4	30.7	28.7	27.3	25.8	24.4	22.6	20.8
800	41.3	40.2	39.1	38.0	36.9	35.2	33.5	31.8	30.1	28.1	26.7	25.3	23.9	22.1	20.3
700	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
600	39.8	38.7	37.6	36.5	35.4	33.8	32.1	30.5	28.8	26.9	25.6	24.2	22.8	21.1	19.3
500	38.4	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
450	37.7	36.6	35.6	34.5	33.5	31.9	30.3	28.7	27.2	25.4	24.0	22.7	21.4	19.8	18.1
400	37.0	35.9	34.9	33.9	32.8	31.3	29.7	28.2	26.6	24.8	23.5	22.3	21.0	19.3	17.7
350	35.7	34.7	33.7	32.7	31.7	30.2	28.7	27.2	25.6	23.9	22.7	21.4	20.1	18.5	17.0
300	34.5	33.6	32.6	31.6	30.6	29.2	27.7	26.2	24.7	23.0	21.8	20.6	19.4	17.8	16.3
250	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
200	30.9	30.1	29.2	28.3	27.4	26.0	24.7	23.3	22.0	20.4	19.3	18.2	17.1	15.6	14.2
150	26.8	26.0	25.2	24.4	23.6	22.4	21.2	20.0	18.8	17.4	16.4	15.4	14.5	13.2	11.9
100	23.4	22.7	22.0	21.2	20.5	19.5	18.4	17.3	16.2	15.0	14.1	13.2	12.3	11.2	10.1
50	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
10	3.3	3.2	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.7	1.6	1.4	1.3	1.1	0.9

C = 25
I = 250
K = .7

(L)
heltered
stance
n 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	20.0	18.2	14.0	10.8	7.8	6.0	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
8000	20.0	18.2	14.0	10.8	7.8	6.0	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
6000	20.0	18.2	14.0	10.8	7.8	6.0	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
4000	20.0	18.2	14.0	10.8	7.8	6.0	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
3500	20.0	18.2	14.0	10.8	7.8	6.0	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
3000	20.0	18.2	14.0	10.8	7.8	6.0	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
2800	20.0	18.2	14.0	10.8	7.8	6.0	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
2600	20.0	18.2	14.0	10.8	7.8	6.0	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
2400	20.0	18.2	14.0	10.8	7.8	6.0	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
2200	20.0	18.2	14.0	10.8	7.8	6.0	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
2000	20.0	18.2	14.0	10.8	7.8	6.0	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
1800	19.9	18.1	13.9	10.7	7.8	6.0	3.3	2.3	1.7	1.1	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	19.7	18.0	13.8	10.6	7.7	5.9	3.3	2.3	1.7	1.1	0.9	0.3	0.0	0.0	0.0
1400	19.7	17.9	13.8	10.6	7.7	5.9	3.2	2.3	1.6	1.1	0.9	0.3	0.0	0.0	0.0
1300	19.6	17.9	13.7	10.6	7.6	5.9	3.2	2.2	1.6	1.1	0.8	0.3	0.0	0.0	0.0
1200	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
1100	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
1000	19.5	17.7	13.6	10.5	7.6	5.8	3.2	2.2	1.6	1.1	0.8	0.3	0.0	0.0	0.0
900	19.0	17.3	13.3	10.2	7.4	5.7	3.1	2.1	1.6	1.0	0.8	0.3	0.0	0.0	0.0
800	18.6	16.9	13.0	9.9	7.1	5.5	3.0	2.1	1.5	1.0	0.8	0.3	0.0	0.0	0.0
700	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
600	17.7	16.1	12.3	9.4	6.7	5.2	2.8	1.9	1.4	0.9	0.7	0.3	0.0	0.0	0.0
500	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
450	16.6	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
400	16.2	14.7	11.2	8.5	6.0	4.6	2.4	1.7	1.2	0.7	0.4	0.0	0.0	0.0	0.0
350	15.5	14.0	10.6	8.1	5.7	4.3	2.3	1.5	1.1	0.7	0.4	0.0	0.0	0.0	0.0
300	14.9	13.5	10.2	7.7	5.4	4.1	2.1	1.4	1.0	0.6	0.3	0.0	0.0	0.0	0.0
250	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
200	13.0	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
150	10.8	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
100	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
50	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
10	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

C = 25
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	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
8000	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
6000	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
4000	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
3500	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
3000	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
2800	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
2600	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
2400	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
2200	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
2000	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
1800	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	49.5	48.2	46.9	45.6	44.4	42.4	40.5	38.5	36.5	34.3	32.7	31.1	29.4	27.4	25.3
800	49.0	47.8	46.5	45.2	43.9	42.0	40.0	38.1	36.2	33.9	32.3	30.7	29.1	27.1	25.0
700	48.0	46.7	45.5	44.2	42.9	41.0	39.1	37.2	35.3	33.1	31.6	30.0	28.4	26.4	24.4
600	46.9	45.7	44.4	43.2	42.0	40.1	38.2	36.3	34.5	32.3	30.8	29.2	27.7	25.7	23.7
500	45.6	44.4	43.2	41.9	40.7	38.9	37.1	35.2	33.4	31.3	29.8	28.3	26.7	24.8	22.9
450	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
400	44.2	43.0	41.9	40.7	39.5	37.7	35.9	34.1	32.3	30.3	28.8	27.3	25.8	23.9	22.0
350	43.1	41.9	40.8	39.6	38.4	36.7	34.9	33.2	31.4	29.4	28.0	26.5	25.0	23.2	21.3
300	41.9	40.8	39.7	38.5	37.4	35.7	33.9	32.2	30.5	28.5	27.1	25.7	24.3	22.5	20.6
250	39.5	38.4	37.4	36.3	35.2	33.6	31.9	30.3	28.6	26.8	25.4	24.0	22.7	20.9	19.2
200	37.5	36.5	35.4	34.4	33.3	31.8	30.2	28.6	27.0	25.2	23.9	22.6	21.3	19.7	18.0
150	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
100	30.1	29.3	28.4	27.5	26.6	25.3	24.0	22.7	21.3	19.8	18.7	17.6	16.5	15.2	13.8
50	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
10	4.7	4.6	4.4	4.2	4.0	3.7	3.4	3.2	2.9	2.6	2.4	2.2	2.0	1.7	1.4

: = 25
= 250
: = .8

(L)
eltered
tance
Feet

(V) - Small Grain Equivalent In Pounds Per Acre

	750	800	900	1000	1100	1200	1400	1500	1600	1700	1800	2000	2400	2800	3000
0000	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
8000	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
6000	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
4000	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
3500	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
3000	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
2800	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
2600	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
2400	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
2200	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
2000	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
1800	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
1600	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	23.3	21.3	16.5	12.9	9.5	7.4	4.2	2.9	2.2	1.5	1.2	0.4	0.0	0.0	0.0
800	23.0	21.0	16.3	12.7	9.3	7.3	4.1	2.9	2.1	1.4	1.1	0.4	0.0	0.0	0.0
700	22.4	20.4	15.9	12.3	9.0	7.0	3.9	2.8	2.0	1.4	1.1	0.4	0.0	0.0	0.0
600	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
500	21.0	19.2	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
450	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
400	20.2	18.4	14.2	11.0	7.9	6.2	3.4	2.4	1.7	1.1	0.9	0.3	0.0	0.0	0.0
350	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
300	18.9	17.2	13.2	10.1	7.3	5.6	3.1	2.1	1.5	1.0	0.8	0.3	0.0	0.0	0.0
250	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
200	16.5	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
150	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
100	12.3	11.3	8.5	6.3	4.4	3.3	1.7	1.1	0.8	0.5	0.3	0.0	0.0	0.0	0.0
50	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
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 = 25
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	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
8000	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
6000	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
4000	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
3500	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
3000	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
2800	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
2600	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
2400	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
2200	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
2000	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
1800	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
1600	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
1500	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
1400	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
1300	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
1200	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
1100	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
1000	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
900	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
800	56.2	54.8	53.4	52.0	50.6	48.4	46.3	44.1	42.0	39.5	37.7	35.9	34.1	31.9	29.6
700	55.6	54.1	52.7	51.3	49.9	47.8	45.7	43.5	41.4	39.0	37.2	35.4	33.6	31.4	29.1
600	54.9	53.5	52.1	50.7	49.3	47.2	45.1	42.9	40.8	38.4	36.7	34.9	33.2	30.9	28.7
500	53.8	52.4	51.0	49.6	48.3	46.2	44.1	42.0	39.9	37.6	35.8	34.1	32.4	30.2	28.0
450	53.2	51.8	50.5	49.1	47.7	45.7	43.6	41.6	39.5	37.1	35.4	33.7	32.0	29.8	27.6
400	52.6	51.3	49.9	48.6	47.2	45.2	43.1	41.1	39.0	36.7	35.0	33.3	31.6	29.4	27.3
350	51.6	50.2	48.9	47.6	46.3	44.2	42.2	40.2	38.2	35.9	34.2	32.5	30.9	28.7	26.6
300	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
250	48.4	47.1	45.9	44.6	43.3	41.4	39.5	37.6	35.7	33.5	31.9	30.3	28.7	26.7	24.6
200	46.3	45.1	43.8	42.6	41.4	39.5	37.7	35.8	34.0	31.9	30.3	28.8	27.2	25.3	23.3
150	42.0	40.8	39.7	38.6	37.4	35.7	34.0	32.3	30.5	28.6	27.2	25.7	24.3	22.5	20.7
100	38.1	37.0	36.0	34.9	33.9	32.3	30.7	29.1	27.5	25.7	24.4	23.0	21.7	20.0	18.4
50	26.6	25.8	25.0	24.2	23.4	22.2	21.0	19.8	18.6	17.3	16.3	15.3	14.3	13.1	11.8
10	7.9	7.6	7.3	7.1	6.8	6.3	5.9	5.5	5.0	4.5	4.2	3.9	3.5	3.1	2.7

= 25
= 250
= .9

(L)
eltered
stance
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	27.3	25.0	19.6	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	19.6	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	19.6	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	19.6	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	19.6	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	19.6	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	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
2600	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
2400	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
2200	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
2000	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
1800	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
1600	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
1500	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
1400	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
1300	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
1200	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
1100	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
1000	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
900	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
800	27.3	25.0	19.6	15.5	11.6	9.2	5.3	3.8	2.8	2.0	1.6	0.9	0.0	0.0	0.0
700	26.9	24.6	19.3	15.2	11.3	9.0	5.2	3.7	2.8	1.9	1.5	0.9	0.0	0.0	0.0
600	26.5	24.2	19.0	14.9	11.1	8.8	5.1	3.6	2.7	1.9	1.5	0.8	0.0	0.0	0.0
500	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
450	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
400	25.1	23.0	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
350	24.5	22.4	17.5	13.6	10.1	7.9	4.5	3.2	2.4	1.6	1.3	0.7	0.0	0.0	0.0
300	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
250	22.6	20.7	16.0	12.5	9.1	7.2	4.0	2.8	2.1	1.4	1.1	0.4	0.0	0.0	0.0
200	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
150	19.0	17.2	13.2	10.2	7.3	5.6	3.1	2.1	1.5	1.0	0.8	0.3	0.0	0.0	0.0
100	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
50	10.7	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
10	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

C = 25
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	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
8000	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
6000	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
4000	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
3500	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
3000	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
2800	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
2600	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
2400	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
2200	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
2000	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
1800	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
1600	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
1500	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
1400	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
1300	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
1200	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
1100	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
1000	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
900	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
800	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
700	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
600	62.5	61.0	59.4	57.9	56.3	54.0	51.7	49.4	47.0	44.4	42.4	40.5	38.6	36.1	33.7
500	61.3	59.7	58.2	56.7	55.2	52.9	50.6	48.3	46.0	43.4	41.5	39.6	37.7	35.3	32.9
450	60.6	59.1	57.6	56.1	54.6	52.3	50.1	47.8	45.5	42.9	41.0	39.1	37.2	34.8	32.4
400	60.0	58.5	57.0	55.5	54.0	51.8	49.5	47.3	45.0	42.4	40.5	38.7	36.8	34.4	32.0
350	59.1	57.6	56.1	54.7	53.2	50.9	48.7	46.5	44.2	41.7	39.8	38.0	36.1	33.8	31.4
300	58.1	56.7	55.2	53.8	52.3	50.1	47.9	45.7	43.5	41.0	39.1	37.3	35.5	33.1	30.8
250	56.3	54.9	53.5	52.0	50.6	48.5	46.3	44.1	42.0	39.5	37.7	36.0	34.2	31.9	29.6
200	54.4	53.1	51.7	50.3	48.9	46.8	44.7	42.6	40.5	38.1	36.4	34.6	32.9	30.6	28.4
150	50.7	49.4	48.1	46.8	45.5	43.5	41.5	39.5	37.5	35.2	33.6	31.9	30.3	28.2	26.1
100	46.9	45.7	44.4	43.2	42.0	40.1	38.2	36.3	34.5	32.3	30.8	29.2	27.7	25.7	23.7
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	11.8	11.4	11.0	10.6	10.2	9.6	9.0	8.4	7.7	7.1	6.6	6.1	5.6	5.0	4.4

C = 25
I = 250
K = 1.0

(L)
heltered
stance
n 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	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
8000	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
6000	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
4000	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
3500	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
3000	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
2800	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
2600	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
2400	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
2200	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
2000	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
1800	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
1600	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
1500	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
1400	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
1300	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
1200	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
1100	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
1000	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
900	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
800	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
700	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
600	31.1	28.6	22.7	18.0	13.6	10.9	6.5	4.7	3.5	2.5	2.0	1.1	0.0	0.0	0.0
500	30.4	27.9	22.0	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	30.0	27.5	21.7	17.2	13.0	10.4	6.1	4.4	3.3	2.3	1.9	1.1	0.0	0.0	0.0
400	29.6	27.2	21.4	17.0	12.8	10.2	6.0	4.3	3.2	2.3	1.8	1.0	0.0	0.0	0.0
350	29.0	26.6	21.0	16.6	12.5	10.0	5.8	4.2	3.1	2.2	1.7	1.0	0.0	0.0	0.0
300	28.5	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
250	27.3	25.1	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
200	26.2	24.0	18.8	14.8	11.0	8.7	5.0	3.6	2.7	1.8	1.4	0.8	0.0	0.0	0.0
150	24.0	22.0	17.1	13.3	9.8	7.7	4.4	3.1	2.3	1.6	1.2	0.7	0.0	0.0	0.0
100	21.0	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
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	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