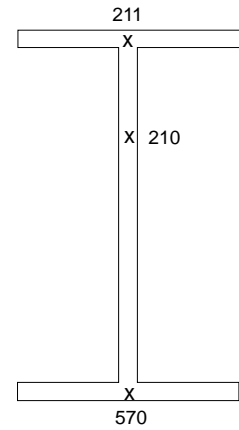


TEMPERATURE IN DEGREES CENTIGRADE						
STEEL BEAM						
TIME MINS	LOWER		WEB		UPPER	
	(S)	FLANGE (N)	(S)	FLANGE (N)	(S)	FLANGE (N)
	570		210		211	
0.0	*	28	*	28	*	28
0.5	*	28	*	28	*	28
1.0	*	28	*	28	*	28
1.5	*	28	*	28	*	28
2.0	*	28	*	28	*	28
2.5	*	28	*	28	*	28
3.0	*	28	*	28	*	28
3.5	*	28	*	28	*	28
4.0	*	28	*	28	*	28
4.5	*	28	*	28	*	28
5.0	*	28	*	28	*	28
5.5	*	28	*	28	*	28
6.0	*	28	*	28	*	28
6.5	*	28	*	28	*	28
7.0	*	28	*	28	*	28
7.5	*	28	*	28	*	28
8.0	*	29	*	29	*	29
8.5	*	29	*	29	*	29
9.0	*	29	*	29	*	29
9.5	*	29	*	29	*	29
10.0	*	29	*	29	*	29
10.5	*	29	*	29	*	29
11.0	*	29	*	29	*	29
11.5	*	29	*	29	*	29
12.0	*	29	*	29	*	29
12.5	*	29	*	29	*	29
13.0	*	29	*	29	*	29
13.5	*	29	*	29	*	29
14.0	*	29	*	29	*	29
14.5	*	29	*	29	*	29
15.0	*	29	*	29	*	29
15.5	*	29	*	29	*	29
16.0	*	29	*	31	*	30
16.5	*	31	*	35	*	34
17.0	*	35	*	41	*	39
17.5	*	40	*	48	*	43
18.0	*	47	*	57	*	51
18.5	*	55	*	67	*	59
19.0	*	64	*	79	*	66
19.5	*	74	*	93	*	74
20.0	*	87	*	107	*	83
20.5	*	99	*	120	*	91
21.0	*	113	*	134	*	99
21.5	*	127	*	149	*	108
22.0	*	143	*	166	*	121
22.5	*	158	*	180	*	128
23.0	*	172	*	193	*	135
23.5	*	187	*	209	*	146
24.0	*	203	*	225	*	157
24.5	*	220	*	246	*	171
25.0	*	240	*	266	*	183
25.5	*	259	*	285	*	194
26.0	*	276	*	301	*	204
26.5	*	295	*	319	*	217
27.0	*	312	*	333	*	225
27.5	*	326	*	344	*	233
28.0	*	340	*	356	*	242
28.5	*	353	*	366	*	251
29.0	*	365	*	375	*	259
29.5	*	379	*	387	*	269
30.0	*	393	*	401	*	280
30.5	*	409	*	415	*	290
31.0	*	421	*	424	*	296
31.5	*	432	*	432	*	303
32.0	*	442	*	440	*	311



Temperatures On Secondary Beam On Grid Line 1/2, Location C.

Table 21.1

32.5	*	454	*	*	454	*	*	*	324	*	*
33.0	*	465	*	*	466	*	*	*	334	*	*
33.5	*	477	*	*	478	*	*	*	344	*	*
34.0	*	486	*	*	486	*	*	*	350	*	*
34.5	*	493	*	*	487	*	*	*	353	*	*
35.0	*	496	*	*	485	*	*	*	355	*	*
35.5	*	500	*	*	487	*	*	*	359	*	*
36.0	*	504	*	*	488	*	*	*	365	*	*
36.5	*	510	*	*	492	*	*	*	370	*	*
37.0	*	516	*	*	497	*	*	*	377	*	*
37.5	*	520	*	*	500	*	*	*	381	*	*
38.0	*	525	*	*	504	*	*	*	388	*	*
38.5	*	529	*	*	507	*	*	*	391	*	*
39.0	*	533	*	*	511	*	*	*	397	*	*
39.5	*	538	*	*	517	*	*	*	404	*	*
40.0	*	544	*	*	524	*	*	*	411	*	*
40.5	*	548	*	*	528	*	*	*	416	*	*
41.0	*	552	*	*	533	*	*	*	422	*	*
41.5	*	558	*	*	540	*	*	*	429	*	*
42.0	*	565	*	*	548	*	*	*	438	*	*
42.5	*	573	*	*	558	*	*	*	446	*	*
43.0	*	581	*	*	564	*	*	*	451	*	*
43.5	*	587	*	*	570	*	*	*	457	*	*
44.0	*	594	*	*	576	*	*	*	464	*	*
44.5	*	600	*	*	582	*	*	*	470	*	*
45.0	*	604	*	*	584	*	*	*	475	*	*
45.5	*	608	*	*	587	*	*	*	480	*	*
46.0	*	613	*	*	592	*	*	*	485	*	*
46.5	*	618	*	*	597	*	*	*	492	*	*
47.0	*	625	*	*	605	*	*	*	500	*	*
47.5	*	631	*	*	612	*	*	*	506	*	*
48.0	*	640	*	*	622	*	*	*	516	*	*
48.5	*	652	*	*	638	*	*	*	529	*	*
49.0	*	663	*	*	651	*	*	*	540	*	*
49.5	*	674	*	*	663	*	*	*	550	*	*
50.0	*	685	*	*	673	*	*	*	559	*	*
50.5	*	695	*	*	682	*	*	*	567	*	*
51.0	*	706	*	*	693	*	*	*	578	*	*
51.5	*	716	*	*	703	*	*	*	587	*	*
52.0	*	724	*	*	712	*	*	*	597	*	*
52.5	*	728	*	*	721	*	*	*	606	*	*
53.0	*	731	*	*	728	*	*	*	615	*	*
53.5	*	735	*	*	727	*	*	*	618	*	*
54.0	*	739	*	*	727	*	*	*	623	*	*
54.5	*	745	*	*	730	*	*	*	629	*	*
55.0	*	750	*	*	732	*	*	*	634	*	*
55.5	*	754	*	*	734	*	*	*	638	*	*
56.0	*	758	*	*	737	*	*	*	642	*	*
56.5	*	763	*	*	740	*	*	*	648	*	*
57.0	*	768	*	*	743	*	*	*	652	*	*
57.5	*	773	*	*	746	*	*	*	656	*	*
58.0	*	778	*	*	751	*	*	*	662	*	*
58.5	*	784	*	*	755	*	*	*	668	*	*
59.0	*	789	*	*	760	*	*	*	672	*	*
59.5	*	794	*	*	764	*	*	*	677	*	*
60.0	*	797	*	*	766	*	*	*	680	*	*
60.5	*	798	*	*	766	*	*	*	682	*	*
61.0	*	798	*	*	768	*	*	*	687	*	*
61.5	*	802	*	*	774	*	*	*	693	*	*
62.0	*	807	*	*	780	*	*	*	699	*	*
62.5	*	812	*	*	786	*	*	*	704	*	*
63.0	*	817	*	*	791	*	*	*	710	*	*
63.5	*	821	*	*	796	*	*	*	715	*	*
64.0	*	826	*	*	801	*	*	*	721	*	*
64.5	*	834	*	*	810	*	*	*	729	*	*
65.0	*	844	*	*	819	*	*	*	736	*	*
65.5	*	852	*	*	828	*	*	*	742	*	*
66.0	*	860	*	*	836	*	*	*	749	*	*
66.5	*	867	*	*	846	*	*	*	755	*	*
67.0	*	875	*	*	854	*	*	*	760	*	*

Temperatures On Secondary Beam On Grid Line 1/2, Location C.

Table 21.1

67.5	*	882	*	*	861	*	*	*	*	764	*	*
68.0	*	888	*	*	868	*	*	*	*	770	*	*
68.5	*	892	*	*	873	*	*	*	*	775	*	*
69.0	*	897	*	*	880	*	*	*	*	781	*	*
69.5	*	902	*	*	885	*	*	*	*	787	*	*
70.0	*	907	*	*	889	*	*	*	*	793	*	*
70.5	*	911	*	*	895	*	*	*	*	800	*	*
71.0	*	915	*	*	899	*	*	*	*	807	*	*
71.5	*	919	*	*	903	*	*	*	*	812	*	*
72.0	*	923	*	*	907	*	*	*	*	819	*	*
72.5	*	927	*	*	910	*	*	*	*	825	*	*
73.0	*	930	*	*	914	*	*	*	*	832	*	*
73.5	*	933	*	*	917	*	*	*	*	837	*	*
74.0	*	936	*	*	921	*	*	*	*	844	*	*
74.5	*	940	*	*	925	*	*	*	*	850	*	*
75.0	*	943	*	*	929	*	*	*	*	857	*	*
75.5	*	946	*	*	932	*	*	*	*	862	*	*
76.0	*	949	*	*	936	*	*	*	*	868	*	*
76.5	*	951	*	*	937	*	*	*	*	873	*	*
77.0	*	953	*	*	939	*	*	*	*	877	*	*
77.5	*	954	*	*	941	*	*	*	*	880	*	*
78.0	*	955	*	*	941	*	*	*	*	883	*	*
78.5	*	954	*	*	940	*	*	*	*	885	*	*
79.0	*	953	*	*	938	*	*	*	*	887	*	*
79.5	*	952	*	*	938	*	*	*	*	888	*	*
80.0	*	951	*	*	936	*	*	*	*	889	*	*
80.5	*	948	*	*	935	*	*	*	*	889	*	*
81.0	*	947	*	*	934	*	*	*	*	889	*	*
81.5	*	943	*	*	930	*	*	*	*	887	*	*
82.0	*	940	*	*	927	*	*	*	*	886	*	*
82.5	*	937	*	*	924	*	*	*	*	885	*	*
83.0	*	935	*	*	922	*	*	*	*	884	*	*
83.5	*		*	*		*	*	*	*	882	*	*
84.0	*		*	*		*	*	*	*	880	*	*
84.5	*		*	*		*	*	*	*	879	*	*
85.0	*		*	*		*	*	*	*	877	*	*
85.5	*		*	*		*	*	*	*	875	*	*
86.0	*		*	*		*	*	*	*	872	*	*
86.5	*		*	*		*	*	*	*	869	*	*
87.0	*		*	*		*	*	*	*	865	*	*
87.5	*		*	*		*	*	*	*	862	*	*
88.0	*		*	*		*	*	*	*	858	*	*
88.5	*		*	*		*	*	*	*	853	*	*
89.0	*		*	*		*	*	*	*	849	*	*
89.5	*		*	*		*	*	*	*	844	*	*
90.0	*		*	*		*	*	*	*	839	*	*
90.5	*		*	*		*	*	*	*	131	*	*
91.0	*		*	*		*	*	*	*	131	*	*
91.5	*		*	*		*	*	*	*	132	*	*
92.0	*		*	*		*	*	*	*	132	*	*
92.5	*		*	*		*	*	*	*	132	*	*
93.0	*		*	*		*	*	*	*	132	*	*
93.5	*		*	*		*	*	*	*	133	*	*
94.0	*		*	*		*	*	*	*	133	*	*
94.5	*		*	*		*	*	*	*	133	*	*
95.0	*		*	*		*	*	*	*	133	*	*
95.5	*		*	*		*	*	*	*	133	*	*
96.0	*		*	*		*	*	*	*	133	*	*
96.5	*		*	*		*	*	*	*	133	*	*
97.0	*		*	*		*	*	*	*	133	*	*
97.5	*		*	*		*	*	*	*	133	*	*
98.0	*		*	*		*	*	*	*	132	*	*
98.5	*		*	*		*	*	*	*	132	*	*
99.0	*		*	*		*	*	*	*	132	*	*
99.5	*		*	*		*	*	*	*	131	*	*
100.0	*		*	*		*	*	*	*	131	*	*
100.5	*		*	*		*	*	*	*	130	*	*
101.0	*		*	*		*	*	*	*	129	*	*
101.5	*		*	*		*	*	*	*	128	*	*
102.0	*		*	*		*	*	*	*	128	*	*

Temperatures On Secondary Beam On Grid Line 1/2, Location C.

Table 21.1

102.5	*		*	*		*	*	128	*	*
103.0	*		*	*		*	*	128	*	*
103.5	*		*	*		*	*	128	*	*
104.0	*		*	*		*	*	127	*	*
104.5	*		*	*		*	*	127	*	*
105.0	*		*	*		*	*	126	*	*
105.5	*		*	*		*	*	126	*	*
106.0	*		*	*		*	*	125	*	*
106.5	*		*	*		*	*	125	*	*
107.0	*		*	*		*	*	124	*	*
107.5	*		*	*		*	*	123	*	*
108.0	*		*	*		*	*	122	*	*
108.5	*		*	*		*	*	122	*	*
109.0	*		*	*		*	*	121	*	*
109.5	*		*	*		*	*	121	*	*
110.0	*		*	*		*	*	121	*	*
110.5	*		*	*		*	*	120	*	*
111.0	*		*	*		*	*	120	*	*
111.5	*		*	*		*	*	119	*	*
112.0	*		*	*		*	*	119	*	*
112.5	*		*	*		*	*	118	*	*
113.0	*		*	*		*	*	118	*	*
113.5	*		*	*		*	*	117	*	*
114.0	*		*	*		*	*	117	*	*
114.5	*		*	*		*	*	116	*	*
115.0	*		*	*		*	*	116	*	*
115.5	*		*	*		*	*	115	*	*
116.0	*		*	*		*	*	115	*	*
116.5	*		*	*		*	*	114	*	*
117.0	*		*	*		*	*	113	*	*
117.5	*		*	*		*	*	112	*	*
118.0	*		*	*		*	*	112	*	*
118.5	*		*	*		*	*	111	*	*
119.0	*		*	*		*	*	111	*	*
119.5	*		*	*		*	*	111	*	*
120.0	*		*	*		*	*	110	*	*
120.5	*		*	*		*	*	110	*	*
121.0	*		*	*		*	*	109	*	*
121.5	*		*	*		*	*	108	*	*
122.0	*		*	*		*	*	107	*	*
122.5	*		*	*		*	*	107	*	*
123.0	*		*	*		*	*	106	*	*
123.5	*		*	*		*	*	105	*	*
124.0	*		*	*		*	*	105	*	*
124.5	*		*	*		*	*	104	*	*
125.0	*		*	*		*	*	103	*	*
125.5	*		*	*		*	*	103	*	*
126.0	*		*	*		*	*	102	*	*
126.5	*		*	*		*	*	102	*	*
127.0	*		*	*		*	*	101	*	*
127.5	*		*	*		*	*	101	*	*
128.0	*		*	*		*	*	100	*	*
128.5	*		*	*		*	*	100	*	*
129.0	*		*	*		*	*	100	*	*
129.5	*		*	*		*	*	99	*	*
130.0	*		*	*		*	*	98	*	*
130.5	*		*	*		*	*	98	*	*
131.0	*		*	*		*	*	98	*	*
131.5	*		*	*		*	*	97	*	*
132.0	*		*	*		*	*	96	*	*
132.5	*		*	*		*	*	96	*	*
133.0	*		*	*		*	*	96	*	*
133.5	*		*	*		*	*	95	*	*
134.0	*		*	*		*	*	95	*	*
134.5	*		*	*		*	*	94	*	*
135.0	*		*	*		*	*	94	*	*
135.5	*		*	*		*	*	93	*	*
136.0	*		*	*		*	*	93	*	*
136.5	*		*	*		*	*	92	*	*
137.0	*		*	*		*	*	92	*	*

Temperatures On Secondary Beam On Grid Line 1/2, Location C.

Table 21.1

137.5	*		*	*		*	*	91	*	*
138.0	*		*	*		*	*	91	*	*
138.5	*		*	*		*	*	91	*	*
139.0	*		*	*		*	*	90	*	*
139.5	*		*	*		*	*	89	*	*
140.0	*		*	*		*	*	89	*	*
140.5	*		*	*		*	*	88	*	*
141.0	*		*	*		*	*	88	*	*
141.5	*		*	*		*	*	88	*	*
142.0	*		*	*		*	*	87	*	*
142.5	*		*	*		*	*	87	*	*
143.0	*		*	*		*	*	86	*	*
143.5	*		*	*		*	*	86	*	*
144.0	*		*	*		*	*	86	*	*
144.5	*		*	*		*	*	85	*	*
145.0	*		*	*		*	*	85	*	*
145.5	*		*	*		*	*	84	*	*
146.0	*		*	*		*	*	84	*	*
146.5	*		*	*		*	*	84	*	*
147.0	*		*	*		*	*	83	*	*
147.5	*		*	*		*	*	83	*	*
148.0	*		*	*		*	*	82	*	*
148.5	*		*	*		*	*	82	*	*
149.0	*		*	*		*	*	82	*	*
149.5	*		*	*		*	*	81	*	*
150.0	*		*	*		*	*	81	*	*
150.5	*		*	*		*	*	81	*	*
151.0	*		*	*		*	*	80	*	*
151.5	*		*	*		*	*	80	*	*
152.0	*		*	*		*	*	79	*	*
152.5	*		*	*		*	*	79	*	*
153.0	*		*	*		*	*	79	*	*
153.5	*		*	*		*	*	78	*	*
154.0	*		*	*		*	*	78	*	*
154.5	*		*	*		*	*	77	*	*
155.0	*		*	*		*	*	77	*	*
155.5	*		*	*		*	*	77	*	*
161.0	*		*	*		*	*	73	*	*
171.0	*		*	*		*	*	67	*	*
181.0	*		*	*		*	*	61	*	*
191.0	*		*	*		*	*	57	*	*
201.0	*		*	*		*	*	53	*	*
211.0	*		*	*		*	*	50	*	*
747.5	*		*	*		*	*	33	*	*
757.5	*		*	*		*	*	33	*	*
767.5	*		*	*		*	*	33	*	*
777.5	*		*	*		*	*	33	*	*
787.5	*		*	*		*	*	33	*	*
797.5	*		*	*		*	*	34	*	*
807.5	*		*	*		*	*	34	*	*
817.5	*		*	*		*	*	34	*	*

Temperatures On Secondary Beam On Grid Line 1/2, Location C.

Table 21.1

