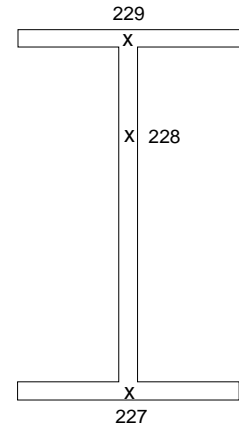


TEMPERATURE IN DEGREES CENTIGRADE											
STEEL BEAM											
TIME MINS	LOWER			WEB			UPPER				
	(S) FLANGE (N)						(S) FLANGE (N)				
	227			228			229				
0.0	*	28	*	*	28	*	*	*	28	*	*
0.5	*	28	*	*	28	*	*	*	28	*	*
1.0	*	28	*	*	28	*	*	*	28	*	*
1.5	*	28	*	*	28	*	*	*	28	*	*
2.0	*	28	*	*	28	*	*	*	28	*	*
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	*	414	*	*	416	*	*	*	286	*	*
31.0	*	416	*	*	421	*	*	*	291	*	*
31.5	*	417	*	*	425	*	*	*	296	*	*
32.0	*	421	*	*	430	*	*	*	301	*	*



I Not Recorded
* Not Measured

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

Table 24.1

32.5	*	427	*	*	436	*	*	*	*	307	*	*
33.0	*	433	*	*	443	*	*	*	*	313	*	*
33.5	*	438	*	*	449	*	*	*	*	318	*	*
34.0	*	439	*	*	453	*	*	*	*	322	*	*
34.5	*	437	*	*	455	*	*	*	*	325	*	*
35.0	*	437	*	*	457	*	*	*	*	328	*	*
35.5	*	436	*	*	458	*	*	*	*	331	*	*
36.0	*	437	*	*	460	*	*	*	*	334	*	*
36.5	*	438	*	*	462	*	*	*	*	337	*	*
37.0	*	439	*	*	464	*	*	*	*	340	*	*
37.5	*	441	*	*	466	*	*	*	*	343	*	*
38.0	*	442	*	*	468	*	*	*	*	346	*	*
38.5	*	444	*	*	470	*	*	*	*	348	*	*
39.0	*	448	*	*	473	*	*	*	*	352	*	*
39.5	*	452	*	*	476	*	*	*	*	356	*	*
40.0	*	456	*	*	480	*	*	*	*	359	*	*
40.5	*	462	*	*	484	*	*	*	*	363	*	*
41.0	*	468	*	*	489	*	*	*	*	368	*	*
41.5	*	473	*	*	494	*	*	*	*	372	*	*
42.0	*	477	*	*	499	*	*	*	*	376	*	*
42.5	*	482	*	*	503	*	*	*	*	381	*	*
43.0	*	489	*	*	509	*	*	*	*	386	*	*
43.5	*	495	*	*	514	*	*	*	*	391	*	*
44.0	*	501	*	*	519	*	*	*	*	396	*	*
44.5	*	507	*	*	525	*	*	*	*	401	*	*
45.0	*	511	*	*	529	*	*	*	*	406	*	*
45.5	*	515	*	*	532	*	*	*	*	410	*	*
46.0	*	519	*	*	536	*	*	*	*	415	*	*
46.5	*	522	*	*	540	*	*	*	*	419	*	*
47.0	*	526	*	*	543	*	*	*	*	424	*	*
47.5	*	530	*	*	546	*	*	*	*	428	*	*
48.0	*	534	*	*	550	*	*	*	*	432	*	*
48.5	*	540	*	*	554	*	*	*	*	438	*	*
49.0	*	548	*	*	560	*	*	*	*	443	*	*
49.5	*	559	*	*	568	*	*	*	*	450	*	*
50.0	*	571	*	*	577	*	*	*	*	458	*	*
50.5	*	584	*	*	587	*	*	*	*	466	*	*
51.0	*	596	*	*	598	*	*	*	*	475	*	*
51.5	*	606	*	*	607	*	*	*	*	482	*	*
52.0	*	619	*	*	619	*	*	*	*	491	*	*
52.5	*	630	*	*	630	*	*	*	*	500	*	*
53.0	*	638	*	*	639	*	*	*	*	508	*	*
53.5	*	646	*	*	648	*	*	*	*	517	*	*
54.0	*	654	*	*	657	*	*	*	*	525	*	*
54.5	*	664	*	*	667	*	*	*	*	534	*	*
55.0	*	672	*	*	676	*	*	*	*	542	*	*
55.5	*	682	*	*	686	*	*	*	*	551	*	*
56.0	*	687	*	*	695	*	*	*	*	558	*	*
56.5	*	696	*	*	704	*	*	*	*	567	*	*
57.0	*	700	*	*	711	*	*	*	*	574	*	*
57.5	*	706	*	*	718	*	*	*	*	581	*	*
58.0	*	712	*	*	725	*	*	*	*	588	*	*
58.5	*	716	*	*	727	*	*	*	*	594	*	*
59.0	*	723	*	*	729	*	*	*	*	601	*	*
59.5	*	729	*	*	734	*	*	*	*	610	*	*
60.0	*	733	*	*	742	*	*	*	*	619	*	*
60.5	*	742	*	*	751	*	*	*	*	628	*	*
61.0	*	751	*	*	761	*	*	*	*	636	*	*
61.5	*	759	*	*	772	*	*	*	*	644	*	*
62.0	*	768	*	*	782	*	*	*	*	652	*	*
62.5	*	776	*	*	790	*	*	*	*	659	*	*
63.0	*	785	*	*	799	*	*	*	*	666	*	*
63.5	*	793	*	*	807	*	*	*	*	674	*	*
64.0	*	809	*	*	821	*	*	*	*	684	*	*
64.5	*	828	*	*	840	*	*	*	*	695	*	*
65.0	*	848	*	*	862	*	*	*	*	706	*	*
65.5	*	865	*	*	881	*	*	*	*	716	*	*
66.0	*	882	*	*	900	*	*	*	*	726	*	*
66.5	*	900	*	*	921	*	*	*	*	737	*	*
67.0	*	914	*	*	938	*	*	*	*	746	*	*

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

Table 24.1

67.5	*	923	*	*	949	*	*	*	*	755	*	*
68.0	*	932	*	*	959	*	*	*	*	766	*	*
68.5	*	934	*	*	964	*	*	*	*	775	*	*
69.0	*	937	*	*	968	*	*	*	*	785	*	*
69.5	*	940	*	*	970	*	*	*	*	795	*	*
70.0	*	940	*	*	971	*	*	*	*	803	*	*
70.5	*	946	*	*	974	*	*	*	*	814	*	*
71.0	*	953	*	*	979	*	*	*	*	825	*	*
71.5	*	958	*	*	982	*	*	*	*	835	*	*
72.0	*	960	*	*	983	*	*	*	*	844	*	*
72.5	*	962	*	*	985	*	*	*	*	852	*	*
73.0	*	959	*	*	983	*	*	*	*	857	*	*
73.5	*	960	*	*	983	*	*	*	*	863	*	*
74.0	*	960	*	*	981	*	*	*	*	867	*	*
74.5	*	960	*	*	980	*	*	*	*	871	*	*
75.0	*	962	*	*	979	*	*	*	*	875	*	*
75.5	*	962	*	*	979	*	*	*	*	879	*	*
76.0	*	963	*	*	978	*	*	*	*	881	*	*
76.5	*	964	*	*	977	*	*	*	*	884	*	*
77.0	*	964	*	*	976	*	*	*	*	886	*	*
77.5	*	962	*	*	975	*	*	*	*	887	*	*
78.0	*	960	*	*	972	*	*	*	*	888	*	*
78.5	*	958	*	*	970	*	*	*	*	888	*	*
79.0	*	956	*	*	967	*	*	*	*	887	*	*
79.5	*	953	*	*	964	*	*	*	*	887	*	*
80.0	*	949	*	*	960	*	*	*	*	886	*	*
80.5	*	945	*	*	956	*	*	*	*	885	*	*
81.0	*	939	*	*	951	*	*	*	*	883	*	*
81.5	*	934	*	*	946	*	*	*	*	881	*	*
82.0	*	930	*	*	941	*	*	*	*	878	*	*
82.5	*	924	*	*	936	*	*	*	*	875	*	*
83.0	*	919	*	*	931	*	*	*	*	872	*	*
83.5	*	912	*	*	924	*	*	*	*	868	*	*
84.0	*	904	*	*	917	*	*	*	*	864	*	*
84.5	*	897	*	*	910	*	*	*	*	859	*	*
85.0	*	891	*	*	904	*	*	*	*	854	*	*
85.5	*	884	*	*		*	*	*	*	849	*	*
86.0	*	878	*	*		*	*	*	*	844	*	*
86.5	*	871	*	*		*	*	*	*	840	*	*
87.0	*	863	*	*		*	*	*	*	834	*	*
87.5	*	854	*	*		*	*	*	*	828	*	*
88.0	*	846	*	*		*	*	*	*	821	*	*
88.5	*	838	*	*		*	*	*	*	815	*	*
89.0	*	830	*	*		*	*	*	*	809	*	*
89.5	*	823	*	*		*	*	*	*	804	*	*
90.0	*	816	*	*		*	*	*	*	798	*	*
90.5	*	809	*	*		*	*	*	*	792	*	*
91.0	*	802	*	*		*	*	*	*	786	*	*
91.5	*		*	*		*	*	*	*	781	*	*
92.0	*		*	*		*	*	*	*	775	*	*
92.5	*		*	*		*	*	*	*	770	*	*
93.0	*		*	*		*	*	*	*	765	*	*
93.5	*		*	*		*	*	*	*	760	*	*
94.0	*		*	*		*	*	*	*	756	*	*
94.5	*		*	*		*	*	*	*	752	*	*
95.0	*		*	*		*	*	*	*	748	*	*
95.5	*		*	*		*	*	*	*	744	*	*
96.0	*		*	*		*	*	*	*	740	*	*
96.5	*		*	*		*	*	*	*	736	*	*
97.0	*		*	*		*	*	*	*		*	*
97.5	*		*	*		*	*	*	*		*	*
98.0	*		*	*		*	*	*	*		*	*
98.5	*		*	*		*	*	*	*		*	*
99.0	*		*	*		*	*	*	*		*	*
99.5	*		*	*		*	*	*	*		*	*
100.0	*		*	*		*	*	*	*		*	*
100.5	*		*	*		*	*	*	*		*	*
101.0	*		*	*		*	*	*	*		*	*
101.5	*		*	*		*	*	*	*		*	*
102.0	*		*	*		*	*	*	*		*	*

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

Table 24.1

137.5	*		*	*		*	*		*	*
138.0	*		*	*		*	*		*	*
138.5	*		*	*		*	*		*	*
139.0	*		*	*		*	*		*	*
139.5	*		*	*		*	*		*	*
140.0	*		*	*		*	*		*	*
140.5	*		*	*		*	*		*	*
141.0	*		*	*		*	*		*	*
141.5	*		*	*		*	*		*	*
142.0	*		*	*		*	*		*	*
142.5	*		*	*		*	*		*	*
143.0	*		*	*		*	*		*	*
143.5	*		*	*		*	*		*	*
144.0	*		*	*		*	*		*	*
144.5	*		*	*		*	*		*	*
145.0	*		*	*		*	*		*	*
145.5	*		*	*		*	*		*	*
146.0	*		*	*		*	*		*	*
146.5	*		*	*		*	*		*	*
147.0	*		*	*		*	*		*	*
147.5	*		*	*		*	*		*	*
148.0	*		*	*		*	*		*	*
148.5	*		*	*		*	*		*	*
149.0	*		*	*		*	*		*	*
149.5	*		*	*		*	*		*	*
150.0	*		*	*		*	*		*	*
150.5	*		*	*		*	*		*	*
151.0	*		*	*		*	*		*	*
151.5	*		*	*		*	*		*	*
152.0	*		*	*		*	*		*	*
152.5	*		*	*		*	*		*	*
153.0	*		*	*		*	*		*	*
153.5	*		*	*		*	*		*	*
154.0	*		*	*		*	*		*	*
154.5	*		*	*		*	*		*	*
155.0	*		*	*		*	*		*	*
155.5	*		*	*		*	*		*	*
161.0	*		*	*		*	*		*	*
171.0	*		*	*		*	*		*	*
181.0	*		*	*		*	*		*	*
191.0	*		*	*		*	*		*	*
201.0	*		*	*		*	*		*	*
211.0	*		*	*		*	*		*	*
747.5	*		*	*		*	*		*	*
757.5	*		*	*		*	*		*	*
767.5	*		*	*		*	*		*	*
777.5	*		*	*		*	*		*	*
787.5	*		*	*		*	*		*	*
797.5	*		*	*		*	*		*	*
807.5	*		*	*		*	*		*	*
817.5	*		*	*		*	*		*	*

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

Table 24.1

