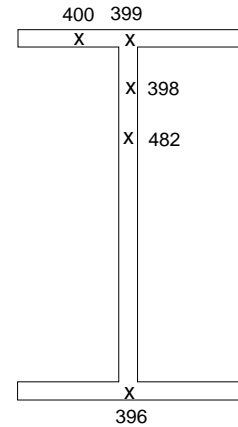


TEMPERATURE IN DEGREES CENTIGRADE										
STEEL BEAM										
TIME MINS	LOWER		WEB			UPPER				
	(W) FLANGE (E)					(W) FLANGE (E)				
	396		482	398		400	399			
0.0	*	22	*	22	22	*	22	22	*	*
1.0	*	22	*	22	22	*	22	22	*	*
2.0	*	22	*	22	22	*	22	22	*	*
3.0	*	22	*	22	22	*	22	22	*	*
4.0	*	22	*	22	22	*	22	22	*	*
5.0	*	22	*	22	22	*	22	22	*	*
6.0	*	22	*	22	22	*	22	22	*	*
7.0	*	22	*	22	22	*	22	22	*	*
8.0	*	22	*	22	22	*	22	22	*	*
9.0	*	22	*	22	22	*	22	22	*	*
10.0	*	22	*	22	22	*	22	22	*	*
11.0	*	22	*	22	22	*	22	22	*	*
12.0	*	22	*	22	22	*	22	22	*	*
13.0	*	22	*	22	22	*	22	22	*	*
14.0	*	23	*	23	23	*	22	22	*	*
15.0	*	24	*	24	24	*	23	23	*	*
16.0	*	26	*	28	27	*	25	24	*	*
17.0	*	33	*	37	35	*	30	29	*	*
18.0	*	44	*	49	46	*	37	36	*	*
19.0	*	57	*	63	58	*	47	45	*	*
20.0	*	72	*	81	73	*	55	54	*	*
21.0	*	91	*	100	88	*	65	64	*	*
22.0	*	113	*	123	107	*	74	75	*	*
23.0	*	137	*	143	123	*	86	88	*	*
24.0	*	161	*	165	141	*	99	101	*	*
25.0	*	189	*	192	163	*	114	117	*	*
26.0	*	216	*	215	182	*	129	133	*	*
27.0	*	242	*	238	202	*	145	148	*	*
28.0	*	265	*	255	216	*	157	161	*	*
29.0	*	286	*	269	229	*	168	173	*	*
30.0	*	302	*	279	239	*	179	182	*	*
31.0	*	316	*	285	245	*	188	190	*	*
32.0	*	327	*	293	254	*	198	198	*	*
33.0	*	337	*	297	259	*	204	205	*	*
34.0	*	345	*	301	264	*	210	212	*	*
35.0	*	349	*	303	268	*	214	217	*	*
36.0	*	353	*	306	272	*	220	223	*	*
37.0	*	359	*	312	278	*	227	229	*	*
38.0	*	363	*	316	283	*	233	236	*	*
39.0	*	368	*	320	288	*	239	241	*	*
40.0	*	373	*	328	296	*	246	249	*	*
41.0	*	379	*	335	303	*	254	255	*	*
42.0	*	387	*	346	313	*	262	263	*	*
43.0	*	395	*	354	321	*	270	271	*	*
44.0	*	403	*	363	330	*	278	279	*	*
45.0	*	409	*	368	335	*	285	286	*	*
46.0	*	416	*	376	343	*	293	293	*	*
47.0	*	423	*	383	350	*	301	300	*	*
48.0	*	433	*	393	360	*	311	309	*	*
49.0	*	447	*	410	376	*	323	320	*	*
50.0	*	471	*	440	403	*	342	337	*	*
51.0	*	499	*	471	430	*	361	357	*	*
52.0	*	529	*	502	457	*	383	379	*	*
53.0	*	551	*	521	476	*	401	397	*	*
54.0	*	571	*	540	495	*	418	415	*	*
55.0	*	580	*	545	502	*	429	428	*	*
56.0	*	585	*	546	506	*	439	437	*	*
57.0	*	590	*	552	514	*	449	447	*	*
58.0	*	596	*	560	523	*	460	457	*	*
59.0	*	604	*	569	533	*	471	467	*	*
60.0	*	617	*	586	550	*	485	480	*	*
61.0	*	638	*	611	574	*	506	498	*	*
62.0	*	663	*	636	598	*	529	519	*	*
63.0	*	688	*	660	621	*	552	541	*	*
64.0	*	719	*	696	658	*	584	570	*	*



* Not Measured

Temperatures On Secondary Beam On Grid Line E/F , Location K.

Table 6.1

65.0	*	746	*	*	732	700	*	*	614	604	*	*
66.0	*	785	*	*	755	724	*	*	646	635	*	*
67.0	*	822	*	*	780	741	*	*	674	659	*	*
68.0	*	867	*	*	813	767	*	*	702	683	*	*
69.0	*	899	*	*	849	800	*	*	728	708	*	*
70.0	*	926	*	*	883	838	*	*	746	733	*	*
71.0	*	946	*	*	908	867	*	*	764	751	*	*
72.0	*	962	*	*	928	890	*	*	788	776	*	*
73.0	*	970	*	*	937	902	*	*	810	801	*	*
74.0	*	975	*	*	945	914	*	*	831	823	*	*
75.0	*	976	*	*	952	923	*	*	850	843	*	*
76.0	*	977	*	*	958	931	*	*	862	855	*	*
77.0	*	977	*	*	959	935	*	*	870	866	*	*
78.0	*	974	*	*	959	937	*	*	876	873	*	*
79.0	*	970	*	*	956	937	*	*	882	879	*	*
80.0	*	965	*	*	952	935	*	*	884	881	*	*
81.0	*	958	*	*	945	930	*	*	883	881	*	*
82.0	*	950	*	*	938	925	*	*	881	880	*	*
83.0	*	941	*	*	930	918	*	*	877	877	*	*
84.0	*	931	*	*	920	909	*	*	872	872	*	*
85.0	*	920	*	*	910	900	*	*	866	867	*	*
86.0	*	910	*	*	900	892	*	*	859	860	*	*
87.0	*	899	*	*	890	882	*	*	852	853	*	*
88.0	*	887	*	*	877	870	*	*	844	844	*	*
89.0	*	874	*	*	864	858	*	*	834	834	*	*
90.0	*	862	*	*	851	846	*	*	825	825	*	*
91.0	*	850	*	*	839	834	*	*	815	814	*	*
92.0	*	837	*	*	826	822	*	*	805	804	*	*
93.0	*	825	*	*	813	809	*	*	794	793	*	*
94.0	*	813	*	*	801	798	*	*	784	783	*	*
95.0	*	801	*	*	788	785	*	*	774	772	*	*
96.0	*	788	*	*	775	773	*	*	763	761	*	*
97.0	*	776	*	*	762	761	*	*	754	753	*	*
98.0	*	764	*	*	751	750	*	*	746	746	*	*
99.0	*	752	*	*	740	741	*	*	740	739	*	*
100.0	*	742	*	*	731	733	*	*	734	732	*	*
101.0	*	734	*	*	723	726	*	*	727	725	*	*
102.0	*	728	*	*	716	719	*	*	720	717	*	*
103.0	*	722	*	*	708	711	*	*	712	710	*	*
104.0	*	715	*	*	700	703	*	*	705	702	*	*
105.0	*	708	*	*	691	694	*	*	697	694	*	*
106.0	*	700	*	*	682	685	*	*	689	686	*	*
107.0	*	692	*	*	674	677	*	*	681	678	*	*
108.0	*	685	*	*	665	669	*	*	673	670	*	*
109.0	*	676	*	*	659	661	*	*	666	662	*	*
110.0	*	668	*	*	656	657	*	*	660	658	*	*
111.0	*	661	*	*	654	656	*	*	658	658	*	*
112.0	*	657	*	*	648	651	*	*	657	654	*	*
113.0	*	656	*	*	637	642	*	*	652	646	*	*
114.0	*	652	*	*	626	631	*	*	643	636	*	*
115.0	*	642	*	*	616	621	*	*	633	626	*	*
116.0	*	631	*	*	606	612	*	*	624	617	*	*
117.0	*	619	*	*	597	603	*	*	614	608	*	*
118.0	*	608	*	*	589	595	*	*	606	600	*	*
119.0	*	598	*	*	581	587	*	*	597	592	*	*
120.0	*	589	*	*	573	579	*	*	589	584	*	*
121.0	*	580	*	*	566	571	*	*	581	576	*	*
122.0	*	572	*	*	558	564	*	*	574	569	*	*
123.0	*	564	*	*	551	557	*	*	567	561	*	*
124.0	*	557	*	*	545	550	*	*	560	555	*	*
125.0	*	549	*	*	538	543	*	*	553	548	*	*
126.0	*	542	*	*	531	537	*	*	546	541	*	*
127.0	*	535	*	*	525	530	*	*	540	535	*	*
128.0	*	529	*	*	519	524	*	*	533	529	*	*
129.0	*	523	*	*	514	518	*	*	527	523	*	*
130.0	*	517	*	*	508	513	*	*	521	517	*	*
131.0	*	511	*	*	502	507	*	*	515	511	*	*
132.0	*	505	*	*	497	501	*	*	510	506	*	*
133.0	*	499	*	*	491	496	*	*	504	500	*	*
134.0	*	494	*	*	486	490	*	*	498	495	*	*

Temperatures On Secondary Beam On Grid Line E/F , Location K.

Table 6.1

135.0	*	488	*	*	480	485	*	*	493	489	*	*
136.0	*	482	*	*	475	480	*	*	487	484	*	*
137.0	*	477	*	*	470	474	*	*	482	479	*	*
138.0	*	471	*	*	465	469	*	*	477	474	*	*
139.0	*	466	*	*	459	464	*	*	472	469	*	*
140.0	*	460	*	*	454	459	*	*	467	464	*	*
141.0	*	455	*	*	450	454	*	*	462	459	*	*
142.0	*	450	*	*	444	449	*	*	457	454	*	*
143.0	*	444	*	*	439	444	*	*	452	449	*	*
144.0	*	439	*	*	435	439	*	*	447	444	*	*
158.0	*	328	*	*	330	336	*	*	345	343	*	*
168.0	*	289	*	*	294	300	*	*	310	308	*	*
178.0	*	256	*	*	264	270	*	*	279	277	*	*
188.0	*	230	*	*	239	244	*	*	254	252	*	*
198.0	*	208	*	*	218	223	*	*	232	230	*	*
208.0	*	189	*	*	200	205	*	*	214	212	*	*
218.0	*	173	*	*	185	190	*	*	198	196	*	*
228.0	*	160	*	*	172	177	*	*	184	183	*	*
238.0	*	148	*	*	161	165	*	*	173	171	*	*
248.0	*	138	*	*	151	156	*	*	163	162	*	*
258.0	*	130	*	*	143	148	*	*	154	153	*	*
268.0	*	123	*	*	136	140	*	*	147	146	*	*
278.0	*	117	*	*	130	134	*	*	140	139	*	*
288.0	*	111	*	*	124	128	*	*	134	133	*	*
298.0	*	107	*	*	119	123	*	*	129	128	*	*
308.0	*	103	*	*	114	118	*	*	124	123	*	*
318.0	*	99	*	*	110	114	*	*	119	118	*	*
328.0	*	95	*	*	106	110	*	*	115	114	*	*
338.0	*	92	*	*	103	107	*	*	112	111	*	*
348.0	*	89	*	*	100	104	*	*	108	107	*	*
358.0	*	86	*	*	97	101	*	*	105	104	*	*
368.0	*	84	*	*	94	98	*	*	102	101	*	*
378.0	*	81	*	*	91	95	*	*	99	98	*	*
388.0	*	79	*	*	89	93	*	*	97	96	*	*
398.0	*	77	*	*	87	90	*	*	94	94	*	*
408.0	*	75	*	*	85	88	*	*	92	91	*	*
418.0	*	74	*	*	83	86	*	*	90	89	*	*
428.0	*	72	*	*	81	84	*	*	88	87	*	*
438.0	*	71	*	*	79	82	*	*	86	85	*	*
448.0	*	69	*	*	77	81	*	*	84	83	*	*
458.0	*	68	*	*	76	79	*	*	83	82	*	*
468.0	*	66	*	*	74	77	*	*	81	80	*	*
478.0	*	65	*	*	73	75	*	*	79	78	*	*
488.0	*	63	*	*	71	74	*	*	77	77	*	*
498.0	*	62	*	*	70	73	*	*	76	75	*	*
508.0	*	61	*	*	68	71	*	*	74	74	*	*
518.0	*	60	*	*	67	70	*	*	73	72	*	*
528.0	*	59	*	*	66	68	*	*	72	71	*	*
538.0	*	58	*	*	64	67	*	*	70	70	*	*
548.0	*	57	*	*	63	66	*	*	69	68	*	*
558.0	*	56	*	*	62	65	*	*	68	67	*	*
568.0	*	55	*	*	61	64	*	*	67	66	*	*
578.0	*	54	*	*	60	63	*	*	66	65	*	*
588.0	*	53	*	*	59	62	*	*	64	64	*	*
598.0	*	53	*	*	59	61	*	*	63	63	*	*
608.0	*	52	*	*	58	60	*	*	62	62	*	*
618.0	*	51	*	*	57	59	*	*	61	61	*	*
628.0	*	50	*	*	56	58	*	*	60	60	*	*
638.0	*	50	*	*	55	57	*	*	60	59	*	*
648.0	*	49	*	*	54	57	*	*	59	58	*	*
658.0	*	49	*	*	54	56	*	*	58	57	*	*
668.0	*	48	*	*	53	55	*	*	57	57	*	*
678.0	*	48	*	*	53	54	*	*	56	56	*	*
688.0	*	47	*	*	52	54	*	*	56	55	*	*
698.0	*	47	*	*	51	53	*	*	55	55	*	*
708.0	*	46	*	*	51	53	*	*	54	54	*	*
718.0	*	46	*	*	50	52	*	*	54	53	*	*
728.0	*	46	*	*	50	51	*	*	53	53	*	*
738.0	*	45	*	*	49	51	*	*	52	52	*	*

Temperatures On Secondary Beam On Grid Line E/F , Location K.

Table 6.1

748.0	*	45	*	*	49	50	*	*	52	51	*	*
758.0	*	44	*	*	48	50	*	*	51	51	*	*
768.0	*	44	*	*	48	49	*	*	51	50	*	*
778.0	*	44	*	*	47	49	*	*	50	50	*	*
788.0	*	43	*	*	47	48	*	*	50	49	*	*
798.0	*	43	*	*	46	48	*	*	49	49	*	*

