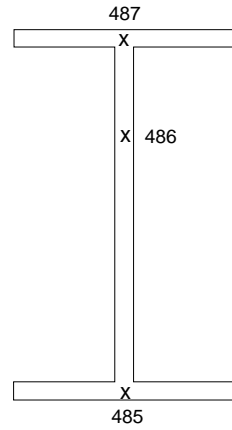


TIME MINS	TEMPERATURE IN DEGREES CENTIGRADE STEEL BEAM			
	LOWER FLANGE	WEB	UPPER FLANGE	
	485	486	487	
0.0	21	21	*	21
0.5	21	21	*	21
1.0	22	21	*	21
1.5	21	21	*	21
2.0	21	21	*	21
2.5	22	21	*	21
3.0	21	21	*	21
3.5	21	21	*	21
4.0	21	21	*	21
4.5	21	21	*	21
5.0	21	21	*	21
5.5	21	21	*	21
6.0	21	21	*	21
6.5	21	21	*	21
7.0	22	21	*	21
7.5	21	21	*	21
8.0	22	21	*	21
8.5	22	22	*	21
9.0	24	24	*	22
9.5	26	27	*	23
10.0	29	30	*	25
10.5	32	35	*	28
11.0	38	41	*	30
11.5	46	51	*	35
12.0	62	75	*	45
12.5	104	128	*	65
13.0	147	179	*	88
13.5	184	220	*	111
14.0	223	260	*	134
14.5	257	296	*	157
15.0	296	337	*	181
15.5	343	386	*	210
16.0	394	436	*	240
16.5	450	488	*	273
17.0	498	530	*	303
17.5	545	567	*	332
18.0	589	596	*	357
18.5	626	625	*	383
19.0	660	648	*	408
19.5	698	676	*	433
20.0	729	705	*	460
20.5	744	725	*	488
21.0	764	733	*	511
21.5	780	743	*	533
22.0	792	754	*	552
22.5	803	765	*	570
23.0	816	779	*	586
23.5	834	795	*	602
24.0	858	812	*	618
24.5	881	835	*	636
25.0	901	859	*	653
25.5	920	880	*	670
26.0	937	896	*	687
26.5	947	904	*	700
27.0	952	911	*	714
27.5	952	907	*	723
28.0	952	909	*	731
28.5	955	917	*	740
29.0	956	920	*	748
29.5	955	920	*	756
30.0	956	923	*	765
30.5	959	928	*	774
31.0	959	930	*	782
31.5	956	926	*	788
32.0	952	921	*	793



* Not Measured

Temperatures On Secondary Beam On Grid Line 3/4 , Location B5. Table 10.1

32.5	945	914	*	796
33.0	938	908	*	798
33.5	930	900	*	799
34.0	922	894	*	799
34.5	915	889	*	800
35.0	906	881	*	798
35.5	896	872	*	796
36.0	886	863	*	792
36.5	877	856	*	789
37.0	869	850	*	786
37.5	863	846	*	783
38.0	860	844	*	781
38.5	856	842	*	778
39.0	854	842	*	777
39.5	853	842	*	776
40.0	853	842	*	775
40.5	852	844	*	775
41.0	852	844	*	775
41.5	851	844	*	775
42.0	851	846	*	775
42.5	852	848	*	776
43.0	854	850	*	777
43.5	857	852	*	778
44.0	858	852	*	779
44.5	856	850	*	779
45.0	854	849	*	779
45.5	852	847	*	779
46.0	849	845	*	779
46.5	846	842	*	778
47.0	842	839	*	777
47.5	838	835	*	775
48.0	834	830	*	773
48.5	828	824	*	770
49.0	822	816	*	767
49.5	815	809	*	763
50.0	808	803	*	759
50.5	801	796	*	755
51.0	793	789	*	751
51.5	786	782	*	747
52.0	778	774	*	743
52.5	771	766	*	739
53.0	764	759	*	735
53.5	758	753	*	730
54.0	752	747	*	726
54.5	747	742	*	722
55.0	743	737	*	717
55.5	738	730	*	713
56.0	733	724	*	708
56.5	727	718	*	703
57.0	722	711	*	698
57.5	716	705	*	693
58.0	711	698	*	688
58.5	705	691	*	683
59.0	699	685	*	678
59.5	693	679	*	673
60.0	687	672	*	668
60.5	681	665	*	663
61.0	675	659	*	658
61.5	668	654	*	653
62.0	662	652	*	649
62.5	656	651	*	646
63.0	652	649	*	643
63.5	652	644	*	639
64.0	650	638	*	635
64.5	647	631	*	630
65.0	642	622	*	625
65.5	635	614	*	619
66.0	626	605	*	614
66.5	617	598	*	608
67.0	609	591	*	603

Temperatures On Secondary Beam On Grid Line 3/4 , Location B5. Table 10.1

67.5	601	584	*	597
68.0	593	578	*	591
68.5	586	572	*	585
69.0	579	566	*	579
69.5	573	560	*	574
70.0	566	555	*	568
70.5	560	550	*	563
71.0	554	544	*	557
71.5	548	539	*	552
72.0	543	534	*	547
72.5	537	529	*	541
73.0	532	524	*	536
73.5	527	520	*	532
74.0	522	515	*	527
74.5	517	511	*	522
75.0	512	506	*	517
75.5	507	502	*	513
76.0	503	497	*	509
76.5	498	493	*	504
77.0	494	489	*	500
77.5	490	485	*	496
78.0	486	481	*	492
78.5	482	477	*	488
79.0	477	473	*	484
79.5	474	470	*	481
80.0	470	466	*	477
80.5	465	462	*	473
81.0	461	459	*	470
81.5	458	455	*	466
82.0	454	451	*	462
82.5	450	447	*	459
83.0	447	445	*	455
83.5	443	441	*	452
84.0	440	438	*	449
84.5	436	435	*	446
85.0	433	431	*	442
85.5	429	428	*	439
86.0	425	423	*	435
86.5	422	420	*	432
87.0	418	416	*	429
87.5	414	412	*	425
88.0	411	409	*	422
88.5	407	405	*	419
109.0	297	300	*	313
119.0	259	263	*	277
129.0	228	234	*	247
139.0	203	210	*	221
149.0	181	189	*	201
159.0	163	171	*	183
169.0	147	156	*	167
179.0	134	143	*	154
189.0	123	132	*	142
199.0	113	122	*	132
209.0	105	114	*	124
219.0	98	107	*	116
229.0	92	100	*	109
239.0	87	95	*	104
249.0	83	90	*	99
259.0	79	86	*	94
269.0	75	83	*	90
279.0	72	79	*	86
289.0	69	76	*	83
299.0	67	74	*	80
309.0	65	71	*	77
319.0	63	69	*	75
329.0	61	67	*	72
339.0	59	65	*	70
349.0	58	63	*	68
359.0	56	61	*	66
369.0	55	60	*	64

Temperatures On Secondary Beam On Grid Line 3/4 , Location B5. Table 10.1

379.0	54	58	*	63
389.0	52	57	*	61
399.0	51	56	*	60
409.0	50	54	*	58
419.0	49	53	*	57
429.0	48	52	*	56
439.0	47	51	*	55
449.0	46	50	*	53
459.0	45	49	*	52
469.0	45	48	*	51
479.0	44	47	*	50
489.0	43	46	*	49
499.0	42	45	*	48
509.0	42	45	*	47
519.0	41	44	*	47
529.0	40	43	*	46
539.0	40	42	*	45
549.0	39	42	*	44
559.0	38	41	*	43
569.0	38	40	*	43
579.0	38	41	*	43
589.0	38	40	*	42
599.0	37	39	*	42
609.0	37	39	*	41
619.0	36	38	*	40
629.0	36	38	*	40
639.0	35	37	*	39
649.0	35	37	*	39
659.0	35	36	*	38
669.0	34	36	*	38
679.0	34	36	*	37
689.0	33	35	*	37
699.0	33	35	*	36
709.0	33	34	*	36
719.0	33	34	*	36
729.0	32	34	*	35
739.0	32	34	*	35
749.0	32	33	*	35
759.0	32	33	*	34
769.0	32	33	*	34
779.0	31	33	*	34
789.0	31	32	*	33
799.0	31	32	*	33
809.0	31	32	*	33
819.0	31	32	*	33
829.0	31	32	*	33

Temperatures On Secondary Beam On Grid Line 3/4 , Location B5. Table 10.1