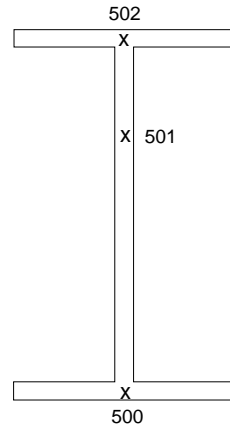


TIME MINS	TEMPERATURE IN DEGREES CENTIGRADE STEEL BEAM			
	LOWER FLANGE	WEB	UPPER FLANGE	
	500	501	502	
0.0	20	20	*	19
0.5	20	20	*	19
1.0	20	19	*	19
1.5	20	20	*	19
2.0	20	20	*	19
2.5	20	20	*	19
3.0	20	20	*	19
3.5	20	19	*	19
4.0	20	20	*	19
4.5	20	20	*	19
5.0	20	20	*	19
5.5	20	20	*	19
6.0	20	19	*	19
6.5	20	20	*	19
7.0	20	19	*	19
7.5	20	20	*	19
8.0	20	20	*	19
8.5	20	20	*	19
9.0	20	20	*	19
9.5	20	20	*	20
10.0	21	22	*	20
10.5	22	24	*	21
11.0	24	28	*	23
11.5	27	32	*	26
12.0	31	38	*	29
12.5	37	46	*	33
13.0	50	65	*	42
13.5	90	127	*	66
14.0	145	189	*	93
14.5	183	227	*	113
15.0	228	270	*	135
15.5	266	304	*	155
16.0	298	333	*	174
16.5	335	363	*	196
17.0	365	389	*	216
17.5	390	405	*	233
18.0	411	416	*	246
18.5	429	424	*	256
19.0	445	433	*	268
19.5	460	444	*	280
20.0	477	456	*	292
20.5	493	467	*	303
21.0	509	479	*	315
21.5	520	485	*	325
22.0	530	491	*	335
22.5	537	496	*	345
23.0	544	503	*	354
23.5	551	511	*	364
24.0	559	519	*	373
24.5	565	526	*	381
25.0	571	530	*	388
25.5	575	534	*	395
26.0	582	539	*	402
26.5	587	542	*	408
27.0	590	544	*	413
27.5	595	548	*	418
28.0	599	552	*	424
28.5	604	558	*	431
29.0	609	565	*	439
29.5	613	570	*	445
30.0	617	576	*	452
30.5	622	584	*	459
31.0	628	592	*	467
31.5	631	595	*	473
32.0	635	599	*	479



* Not Measured

Temperatures On Secondary Beam On Grid Line 3 , Location B9.

Table 14.1

32.5	640	607	*	486
33.0	644	612	*	493
33.5	649	618	*	499
34.0	653	622	*	506
34.5	656	625	*	511
35.0	658	626	*	515
35.5	659	627	*	519
36.0	661	629	*	523
36.5	665	634	*	529
37.0	670	642	*	535
37.5	678	653	*	543
38.0	688	666	*	552
38.5	699	679	*	561
39.0	711	690	*	569
39.5	724	703	*	578
40.0	729	715	*	588
40.5	736	728	*	598
41.0	750	735	*	609
41.5	766	744	*	619
42.0	785	756	*	629
42.5	801	770	*	641
43.0	815	784	*	652
43.5	831	799	*	664
44.0	849	814	*	675
44.5	875	835	*	688
45.0	894	850	*	698
45.5	912	866	*	709
46.0	933	882	*	720
46.5	949	892	*	729
47.0	966	904	*	738
47.5	981	918	*	747
48.0	992	929	*	757
48.5	997	936	*	766
49.0	997	942	*	777
49.5	995	944	*	787
50.0	993	942	*	794
50.5	987	941	*	803
51.0	980	938	*	811
51.5	968	929	*	816
52.0	957	922	*	820
52.5	946	912	*	822
53.0	935	900	*	822
53.5	922	888	*	820
54.0	907	875	*	816
54.5	892	862	*	812
55.0	878	850	*	806
55.5	863	836	*	799
56.0	848	822	*	792
56.5	833	808	*	784
57.0	819	795	*	776
57.5	805	781	*	768
58.0	792	769	*	761
58.5	780	758	*	755
59.0	767	750	*	749
59.5	756	744	*	744
60.0	747	738	*	738
60.5	741	732	*	732
61.0	736	725	*	726
61.5	732	720	*	721
62.0	727	713	*	715
62.5	722	706	*	710
63.0	716	699	*	704
63.5	709	691	*	698
64.0	703	684	*	692
64.5	697	677	*	686
65.0	691	669	*	680
65.5	684	662	*	674
66.0	677	655	*	668
66.5	670	651	*	662
67.0	663	649	*	657

Temperatures On Secondary Beam On Grid Line 3 , Location B9.

Table 14.1

67.5	657	645	*	653
68.0	653	638	*	651
68.5	651	630	*	648
69.0	648	621	*	643
69.5	643	613	*	638
70.0	636	606	*	632
70.5	627	598	*	625
71.0	618	592	*	619
71.5	609	585	*	612
72.0	601	579	*	605
72.5	593	572	*	598
73.0	585	566	*	591
73.5	578	560	*	585
74.0	570	554	*	578
74.5	564	548	*	572
75.0	557	542	*	566
75.5	551	536	*	560
76.0	544	531	*	554
76.5	538	525	*	548
77.0	532	520	*	543
77.5	527	515	*	537
78.0	521	510	*	532
78.5	516	505	*	526
79.0	510	500	*	521
79.5	505	495	*	516
80.0	500	490	*	511
80.5	495	486	*	507
81.0	490	481	*	502
81.5	486	477	*	497
82.0	481	473	*	493
82.5	476	468	*	488
83.0	472	465	*	484
83.5	468	461	*	480
84.0	464	457	*	476
84.5	460	453	*	472
85.0	455	449	*	468
85.5	452	446	*	465
86.0	448	442	*	461
86.5	444	438	*	457
87.0	440	435	*	454
87.5	436	431	*	450
88.0	432	428	*	446
88.5	428	424	*	443
89.0	424	420	*	439
89.5	421	417	*	435
112.5	301	301	*	316
122.5	264	267	*	281
132.5	255	259	*	273
142.5	228	233	*	246
152.5	205	210	*	222
162.5	186	191	*	203
172.5	169	175	*	186
182.5	153	160	*	171
192.5	140	148	*	158
202.5	129	137	*	147
212.5	118	127	*	136
222.5	110	119	*	127
232.5	103	111	*	120
242.5	96	105	*	113
252.5	90	99	*	107
262.5	85	94	*	101
272.5	81	89	*	96
282.5	77	85	*	92
292.5	74	82	*	88
302.5	71	78	*	84
312.5	69	76	*	81
322.5	66	73	*	78
332.5	64	70	*	75
342.5	62	68	*	73
352.5	60	66	*	70

Temperatures On Secondary Beam On Grid Line 3 , Location B9.

Table 14.1

362.5	58	64	*	68
372.5	56	62	*	66
382.5	55	60	*	64
392.5	53	59	*	62
402.5	52	57	*	61
412.5	51	56	*	59
422.5	50	55	*	58
432.5	49	53	*	57
442.5	48	52	*	55
452.5	47	51	*	54
462.5	46	50	*	53
472.5	45	50	*	52
482.5	45	49	*	51
492.5	44	48	*	51
502.5	43	47	*	50
512.5	43	46	*	49
522.5	42	46	*	48
532.5	41	45	*	47
542.5	41	44	*	47
552.5	40	44	*	46
562.5	40	43	*	45
572.5	39	43	*	45
582.5	40	43	*	45
592.5	39	43	*	45
602.5	39	42	*	44
612.5	38	42	*	43
622.5	38	41	*	43
632.5	38	41	*	42
642.5	37	40	*	42
652.5	37	40	*	41
662.5	36	39	*	41
672.5	36	39	*	40
682.5	36	38	*	40
692.5	35	38	*	39
702.5	35	38	*	39
712.5	35	37	*	39
722.5	35	37	*	38
732.5	34	37	*	38
742.5	34	36	*	37
752.5	34	36	*	37
762.5	34	36	*	37
772.5	33	35	*	36
782.5	33	35	*	36
792.5	33	35	*	35
802.5	33	34	*	35
812.5	33	35	*	35
822.5	33	35	*	35
832.5	33	35	*	35
842.5	33	35	*	35
852.5	33	34	*	35
862.5	33	34	*	35