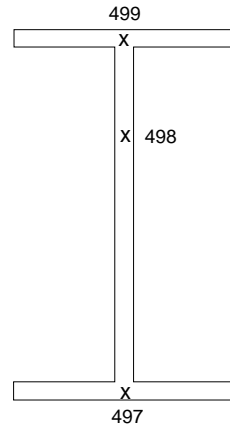


TIME MINS	TEMPERATURE IN DEGREES CENTIGRADE STEEL BEAM			
	LOWER FLANGE	WEB	UPPER FLANGE	
	497	498	499	
0.0	21	20	*	20
0.5	21	20	*	20
1.0	21	20	*	20
1.5	21	20	*	20
2.0	21	20	*	20
2.5	21	20	*	20
3.0	21	20	*	20
3.5	21	20	*	20
4.0	21	20	*	20
4.5	21	20	*	20
5.0	21	20	*	20
5.5	21	20	*	20
6.0	21	20	*	20
6.5	21	20	*	20
7.0	21	20	*	20
7.5	21	20	*	20
8.0	21	20	*	20
8.5	21	21	*	20
9.0	21	21	*	21
9.5	23	24	*	21
10.0	26	28	*	23
10.5	30	34	*	25
11.0	36	40	*	28
11.5	43	48	*	32
12.0	56	64	*	38
12.5	78	93	*	48
13.0	135	170	*	77
13.5	233	273	*	114
14.0	309	357	*	154
14.5	381	428	*	191
15.0	455	491	*	226
15.5	527	548	*	263
16.0	581	585	*	292
16.5	630	621	*	323
17.0	671	659	*	358
17.5	706	691	*	389
18.0	727	709	*	415
18.5	738	725	*	440
19.0	752	727	*	460
19.5	766	734	*	479
20.0	779	736	*	493
20.5	786	735	*	503
21.0	795	741	*	517
21.5	803	751	*	533
22.0	811	760	*	547
22.5	818	769	*	561
23.0	824	778	*	573
23.5	830	786	*	584
24.0	838	796	*	597
24.5	849	805	*	607
25.0	858	816	*	619
25.5	867	826	*	629
26.0	879	837	*	639
26.5	889	848	*	650
27.0	896	855	*	660
27.5	904	861	*	669
28.0	918	868	*	678
28.5	924	873	*	686
29.0	928	878	*	695
29.5	930	882	*	702
30.0	933	888	*	710
30.5	935	892	*	716
31.0	936	892	*	721
31.5	929	887	*	726
32.0	924	886	*	730



\* Not Measured

Temperatures On Secondary Beam On Grid Line 3 , Location B8.

Table 13.1

32.5	922	887	*	735
33.0	919	886	*	738
33.5	920	892	*	744
34.0	922	898	*	751
34.5	925	901	*	757
35.0	927	904	*	764
35.5	934	910	*	771
36.0	943	919	*	779
36.5	946	926	*	787
37.0	950	935	*	796
37.5	963	946	*	806
38.0	977	954	*	816
38.5	993	965	*	827
39.0	1007	978	*	840
39.5	1022	988	*	851
40.0	1034	996	*	863
40.5	1038	999	*	873
41.0	1038	1000	*	882
41.5	1040	1002	*	889
42.0	1041	1003	*	895
42.5	1044	1007	*	902
43.0	1048	1013	*	909
43.5	1051	1020	*	917
44.0	1053	1023	*	923
44.5	1053	1024	*	928
45.0	1053	1025	*	933
45.5	1052	1026	*	938
46.0	1049	1026	*	941
46.5	1045	1023	*	943
47.0	1040	1020	*	944
47.5	1034	1014	*	944
48.0	1026	1006	*	941
48.5	1015	994	*	936
49.0	1004	985	*	932
49.5	991	974	*	926
50.0	980	961	*	921
50.5	966	949	*	915
51.0	954	937	*	909
51.5	940	923	*	900
52.0	927	910	*	892
52.5	914	897	*	883
53.0	901	883	*	874
53.5	890	873	*	865
54.0	878	862	*	857
54.5	867	851	*	848
55.0	856	841	*	840
55.5	845	830	*	831
56.0	835	820	*	823
56.5	826	812	*	816
57.0	818	806	*	809
57.5	810	800	*	802
58.0	803	793	*	795
58.5	798	789	*	790
59.0	792	785	*	784
59.5	787	781	*	780
60.0	783	779	*	775
60.5	780	777	*	771
61.0	777	774	*	767
61.5	773	770	*	763
62.0	770	767	*	760
62.5	767	765	*	757
63.0	765	765	*	755
63.5	763	763	*	752
64.0	761	761	*	750
64.5	758	758	*	748
65.0	755	755	*	746
65.5	752	751	*	743
66.0	749	748	*	741
66.5	745	743	*	738
67.0	740	736	*	735

**Temperatures On Secondary Beam On Grid Line 3 , Location B8.**

**Table 13.1**

67.5	735	730	*	732
68.0	730	723	*	728
68.5	725	718	*	725
69.0	721	713	*	722
69.5	717	709	*	719
70.0	713	703	*	716
70.5	709	699	*	713
71.0	705	694	*	710
71.5	700	688	*	706
72.0	696	684	*	703
72.5	691	678	*	700
73.0	687	673	*	696
73.5	683	668	*	693
74.0	678	663	*	689
74.5	674	658	*	686
75.0	668	653	*	682
75.5	663	649	*	679
76.0	658	647	*	675
76.5	654	645	*	671
77.0	651	641	*	667
77.5	650	636	*	663
78.0	649	628	*	659
78.5	646	620	*	656
79.0	640	611	*	652
79.5	633	604	*	650
80.0	624	597	*	648
80.5	616	590	*	645
81.0	607	584	*	642
81.5	599	578	*	639
82.0	592	572	*	634
82.5	585	567	*	629
83.0	578	561	*	624
83.5	570	555	*	618
84.0	563	548	*	612
84.5	556	542	*	606
85.0	549	536	*	600
85.5	543	530	*	594
86.0	536	525	*	588
86.5	530	519	*	582
87.0	524	514	*	576
87.5	518	509	*	571
88.0	513	504	*	565
88.5	507	499	*	560
89.0	501	494	*	554
89.5	497	489	*	549
112.5	343	348	*	392
122.5	300	308	*	347
132.5	289	297	*	336
142.5	256	266	*	300
152.5	228	239	*	269
162.5	205	217	*	244
172.5	186	199	*	223
182.5	171	184	*	206
192.5	158	171	*	191
202.5	146	159	*	178
212.5	136	148	*	166
222.5	126	139	*	155
232.5	118	130	*	145
242.5	110	122	*	136
252.5	104	115	*	128
262.5	99	109	*	122
272.5	94	104	*	115
282.5	90	99	*	110
292.5	86	95	*	104
302.5	82	91	*	100
312.5	79	87	*	95
322.5	76	84	*	91
332.5	74	81	*	88
342.5	71	78	*	85
352.5	69	76	*	82

Temperatures On Secondary Beam On Grid Line 3 , Location B8.

Table 13.1

362.5	67	73	*	79
372.5	65	71	*	77
382.5	64	69	*	74
392.5	62	67	*	72
402.5	60	65	*	70
412.5	59	64	*	68
422.5	58	62	*	67
432.5	56	61	*	65
442.5	55	59	*	63
452.5	54	58	*	62
462.5	53	57	*	60
472.5	52	55	*	59
482.5	51	54	*	58
492.5	50	53	*	57
502.5	49	52	*	55
512.5	48	51	*	54
522.5	47	50	*	53
532.5	46	49	*	52
542.5	46	48	*	51
552.5	45	47	*	50
562.5	44	47	*	49
572.5	43	46	*	48
582.5	44	46	*	48
592.5	43	45	*	48
602.5	42	45	*	47
612.5	42	44	*	46
622.5	41	43	*	45
632.5	41	42	*	45
642.5	40	42	*	44
652.5	40	41	*	43
662.5	39	41	*	43
672.5	39	40	*	42
682.5	38	40	*	41
692.5	38	39	*	41
702.5	37	39	*	40
712.5	37	38	*	40
722.5	37	38	*	39
732.5	36	37	*	39
742.5	36	37	*	39
752.5	36	37	*	38
762.5	35	36	*	38
772.5	35	36	*	37
782.5	35	36	*	37
792.5	35	35	*	37
802.5	34	35	*	36
812.5	34	35	*	36
822.5	34	35	*	36
832.5	34	35	*	36
842.5	34	35	*	35
852.5	34	34	*	35
862.5	34	34	*	35