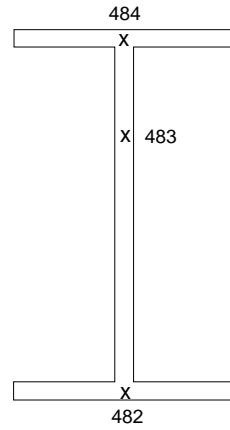


TIME MINS	TEMPERATURE IN DEGREES CENTIGRADE STEEL BEAM			
	LOWER FLANGE	WEB	UPPER FLANGE	
	482	483	484	
0.0	20	21	*	20
0.5	20	21	*	20
1.0	20	21	*	20
1.5	20	21	*	20
2.0	20	21	*	20
2.5	20	21	*	20
3.0	20	21	*	20
3.5	20	21	*	20
4.0	20	21	*	20
4.5	20	21	*	20
5.0	20	21	*	20
5.5	20	21	*	20
6.0	20	21	*	20
6.5	20	21	*	20
7.0	20	21	*	20
7.5	20	21	*	20
8.0	20	21	*	20
8.5	20	21	*	20
9.0	20	21	*	20
9.5	20	21	*	20
10.0	21	22	*	20
10.5	22	23	*	21
11.0	24	26	*	22
11.5	26	29	*	24
12.0	30	33	*	27
12.5	34	39	*	30
13.0	42	49	*	36
13.5	62	75	*	50
14.0	86	103	*	65
14.5	104	123	*	73
15.0	128	148	*	86
15.5	155	174	*	100
16.0	180	199	*	113
16.5	209	229	*	130
17.0	238	257	*	146
17.5	268	286	*	163
18.0	297	311	*	179
18.5	321	330	*	192
19.0	346	350	*	206
19.5	369	367	*	219
20.0	391	382	*	232
20.5	413	398	*	243
21.0	439	423	*	260
21.5	469	454	*	281
22.0	497	483	*	300
22.5	527	511	*	321
23.0	550	533	*	339
23.5	573	553	*	358
24.0	594	573	*	377
24.5	612	588	*	394
25.0	633	611	*	416
25.5	656	634	*	436
26.0	677	657	*	457
26.5	695	675	*	476
27.0	709	687	*	491
27.5	720	698	*	507
28.0	724	704	*	519
28.5	726	707	*	530
29.0	734	721	*	548
29.5	751	733	*	568
30.0	773	747	*	587
30.5	795	766	*	603
31.0	822	793	*	622
31.5	857	822	*	639
32.0	886	846	*	653



* Not Measured

Temperatures On Secondary Beam On Grid Line 3/4 , Location B4.

Table 9.1

32.5	907	865	*	669
33.0	920	877	*	682
33.5	934	888	*	695
34.0	950	909	*	712
34.5	968	930	*	727
35.0	983	944	*	741
35.5	993	953	*	753
36.0	1000	959	*	763
36.5	1006	963	*	774
37.0	1010	968	*	787
37.5	1013	973	*	799
38.0	1013	973	*	810
38.5	1008	967	*	817
39.0	1000	959	*	823
39.5	988	947	*	826
40.0	978	940	*	829
40.5	968	931	*	829
41.0	957	923	*	829
41.5	949	917	*	829
42.0	940	909	*	826
42.5	933	903	*	825
43.0	925	898	*	822
43.5	918	894	*	821
44.0	914	891	*	819
44.5	912	891	*	818
45.0	908	887	*	816
45.5	903	882	*	814
46.0	897	876	*	810
46.5	894	875	*	809
47.0	892	873	*	807
47.5	888	868	*	804
48.0	884	866	*	803
48.5	881	864	*	801
49.0	877	860	*	798
49.5	870	853	*	794
50.0	863	846	*	791
50.5	854	837	*	785
51.0	846	830	*	781
51.5	837	823	*	776
52.0	829	816	*	771
52.5	822	811	*	767
53.0	815	803	*	762
53.5	807	797	*	758
54.0	800	791	*	753
54.5	793	784	*	749
55.0	788	780	*	745
55.5	783	776	*	741
56.0	777	770	*	737
56.5	772	765	*	733
57.0	768	760	*	729
57.5	763	757	*	726
58.0	759	752	*	722
58.5	756	748	*	718
59.0	752	743	*	714
59.5	748	739	*	711
60.0	745	736	*	707
60.5	741	731	*	704
61.0	739	729	*	701
61.5	736	726	*	698
62.0	734	724	*	695
62.5	732	723	*	693
63.0	730	720	*	690
63.5	727	716	*	687
64.0	725	714	*	684
64.5	721	710	*	681
65.0	718	707	*	678
65.5	715	704	*	676
66.0	712	700	*	673
66.5	710	698	*	670
67.0	706	695	*	668

Temperatures On Secondary Beam On Grid Line 3/4 , Location B4.

Table 9.1

67.5	704	692	*	665
68.0	700	688	*	662
68.5	697	685	*	660
69.0	693	681	*	657
69.5	690	678	*	655
70.0	687	675	*	653
70.5	683	671	*	650
71.0	681	669	*	648
71.5	677	666	*	646
72.0	675	663	*	644
72.5	671	660	*	641
73.0	668	658	*	639
73.5	665	656	*	636
74.0	662	656	*	634
74.5	659	654	*	631
75.0	657	652	*	628
75.5	655	648	*	625
76.0	654	644	*	621
76.5	651	637	*	618
77.0	648	630	*	614
77.5	644	622	*	610
78.0	640	618	*	607
78.5	635	613	*	604
79.0	630	609	*	601
79.5	625	604	*	597
80.0	619	598	*	593
80.5	613	592	*	589
81.0	607	586	*	584
81.5	601	580	*	580
82.0	595	573	*	575
82.5	588	566	*	570
83.0	582	561	*	566
83.5	576	555	*	561
84.0	570	547	*	556
84.5	563	540	*	551
85.0	556	532	*	545
85.5	550	526	*	540
86.0	542	517	*	533
86.5	534	509	*	527
87.0	527	501	*	521
87.5	519	493	*	515
88.0	512	486	*	510
88.5	504	479	*	504
89.0	497	472	*	498
89.5	490	466	*	492
112.5	321	310	*	329
122.5	279	270	*	288
132.5	268	260	*	277
142.5	236	231	*	246
152.5	209	207	*	222
162.5	187	188	*	202
172.5	169	172	*	185
182.5	153	158	*	170
192.5	140	146	*	158
202.5	129	137	*	148
212.5	120	128	*	139
222.5	111	120	*	131
232.5	104	114	*	124
242.5	97	108	*	117
252.5	92	102	*	112
262.5	88	98	*	107
272.5	84	93	*	102
282.5	80	90	*	98
292.5	77	86	*	94
302.5	74	83	*	91
312.5	72	81	*	88
322.5	70	78	*	85
332.5	68	76	*	82
342.5	66	74	*	80
352.5	64	72	*	77

Temperatures On Secondary Beam On Grid Line 3/4 , Location B4.

Table 9.1

362.5	62	70	*	75
372.5	61	68	*	73
382.5	59	66	*	71
392.5	58	64	*	69
402.5	57	63	*	67
412.5	55	62	*	66
422.5	54	60	*	64
432.5	53	59	*	63
442.5	52	58	*	61
452.5	51	56	*	60
462.5	50	55	*	59
472.5	49	54	*	57
482.5	48	53	*	56
492.5	47	52	*	55
502.5	46	51	*	54
512.5	46	50	*	53
522.5	45	49	*	52
532.5	44	48	*	51
542.5	43	48	*	50
552.5	43	47	*	49
562.5	42	46	*	48
572.5	41	45	*	47
582.5	42	45	*	47
592.5	41	45	*	47
602.5	40	44	*	46
612.5	40	43	*	45
622.5	39	43	*	44
632.5	39	42	*	44
642.5	38	42	*	43
652.5	38	41	*	42
662.5	37	40	*	42
672.5	37	40	*	41
682.5	36	39	*	40
692.5	36	39	*	40
702.5	36	38	*	39
712.5	35	38	*	39
722.5	35	37	*	38
732.5	35	37	*	38
742.5	34	37	*	37
752.5	34	36	*	37
762.5	34	36	*	36
772.5	33	35	*	36
782.5	33	35	*	35
792.5	33	35	*	35
802.5	33	34	*	35
812.5	33	34	*	35
822.5	32	34	*	34
832.5	32	34	*	34
842.5	32	34	*	34
852.5	32	34	*	34
862.5	32	33	*	33