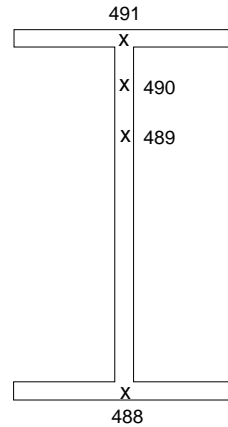


TIME MINS	TEMPERATURE IN DEGREES CENTIGRADE STEEL BEAM			
	LOWER FLANGE	WEB		UPPER FLANGE
	488	489	490	491
0.0	22	22	21	21
0.5	22	22	21	21
1.0	22	21	21	21
1.5	22	22	21	21
2.0	22	21	21	21
2.5	22	21	21	21
3.0	22	21	21	21
3.5	22	22	21	21
4.0	22	21	21	21
4.5	22	22	21	21
5.0	22	21	21	21
5.5	22	22	21	21
6.0	22	21	21	21
6.5	22	22	21	21
7.0	22	21	21	21
7.5	22	22	21	21
8.0	22	22	22	22
8.5	24	25	25	22
9.0	26	28	30	23
9.5	29	32	35	25
10.0	33	37	39	27
10.5	37	43	46	30
11.0	43	51	54	33
11.5	52	65	69	39
12.0	95	131	137	58
12.5	168	214	208	89
13.0	212	259	236	115
13.5	260	309	273	143
14.0	306	356	307	170
14.5	357	406	344	199
15.0	407	454	382	229
15.5	450	492	415	257
16.0	487	522	439	281
16.5	527	556	469	306
17.0	561	585	494	331
17.5	595	612	520	350
18.0	638	651	565	382
18.5	672	678	592	408
19.0	703	706	623	436
19.5	728	727	647	463
20.0	737	738	671	493
20.5	761	757	700	526
21.0	793	785	725	557
21.5	828	816	743	584
22.0	870	847	762	610
22.5	901	864	779	629
23.0	924	885	801	650
23.5	942	900	824	668
24.0	951	906	837	683
24.5	955	910	850	696
25.0	962	919	864	710
25.5	966	925	875	722
26.0	963	920	874	731
26.5	962	919	875	738
27.0	960	917	876	744
27.5	959	916	878	750
28.0	951	908	871	752
28.5	942	898	864	753
29.0	933	890	858	755
29.5	927	887	858	757
30.0	917	874	847	757
30.5	903	857	833	753
31.0	889	845	823	751
31.5	877	833	813	748
32.0	865	823	805	745



Temperatures On Secondary Beam On Grid Line 3/4 , Location B6.

Table 11.1

32.5	853	814	797	741
33.0	846	810	794	739
33.5	835	799	785	734
34.0	826	794	780	731
34.5	824	797	783	729
35.0	820	796	782	728
35.5	814	791	777	725
36.0	812	793	779	724
36.5	817	804	787	726
37.0	826	815	796	728
37.5	832	822	801	731
38.0	837	830	807	734
38.5	849	842	817	739
39.0	857	850	824	744
39.5	864	855	827	748
40.0	871	860	832	751
40.5	876	863	834	755
41.0	878	865	836	758
41.5	876	863	836	760
42.0	873	860	833	761
42.5	870	858	833	763
43.0	865	854	831	763
43.5	857	845	824	762
44.0	848	835	816	760
44.5	836	820	804	757
45.0	824	807	793	752
45.5	811	794	782	746
46.0	800	782	773	741
46.5	789	771	764	735
47.0	778	760	754	729
47.5	768	750	747	724
48.0	758	741	741	718
48.5	750	735	736	713
49.0	744	731	731	708
49.5	740	727	725	704
50.0	736	722	719	699
50.5	731	716	713	694
51.0	726	710	706	690
51.5	721	704	700	685
52.0	716	697	693	680
52.5	711	691	688	676
53.0	705	685	682	672
53.5	700	678	675	668
54.0	694	671	669	665
54.5	687	664	662	661
55.0	681	657	657	657
55.5	675	652	652	653
56.0	669	651	651	649
56.5	662	651	650	645
57.0	656	647	646	640
57.5	653	641	640	635
58.0	652	633	633	629
58.5	652	626	626	624
59.0	649	618	619	618
59.5	644	611	614	613
60.0	636	605	607	608
60.5	629	599	602	603
61.0	621	593	597	598
61.5	614	589	593	593
62.0	608	585	589	589
62.5	602	581	584	584
63.0	596	576	579	579
63.5	589	570	573	574
64.0	583	564	568	569
64.5	576	558	562	564
65.0	570	553	556	560
65.5	564	547	551	555
66.0	558	542	546	550
66.5	552	536	541	545
67.0	547	531	536	540

Temperatures On Secondary Beam On Grid Line 3/4 , Location B6.

Table 11.1

67.5	541	526	531	536
68.0	536	521	526	531
68.5	531	516	521	527
69.0	525	512	517	522
69.5	520	507	512	518
70.0	515	503	508	514
70.5	510	498	503	509
71.0	506	494	499	505
71.5	501	490	495	501
72.0	497	486	491	497
72.5	493	482	487	493
73.0	488	478	483	489
73.5	484	473	479	485
74.0	479	469	475	482
74.5	475	465	471	478
75.0	470	460	466	474
75.5	466	456	462	470
76.0	462	452	458	466
76.5	457	448	454	462
77.0	453	443	450	459
77.5	448	440	446	455
78.0	444	436	442	451
78.5	440	432	439	448
79.0	436	428	435	444
79.5	432	424	431	440
80.0	428	420	427	437
80.5	424	417	424	433
81.0	420	413	420	430
81.5	416	409	416	426
82.0	412	405	412	423
82.5	408	401	408	419
83.0	404	397	405	416
83.5	400	394	401	412
84.0	396	390	398	409
84.5	392	386	394	405
85.0	389	383	391	402
85.5	385	379	387	399
86.0	381	376	384	395
86.5	378	373	381	392
87.0	375	370	377	389
87.5	371	366	374	386
88.0	368	363	371	383
88.5	365	360	368	380
109.0	267	268	275	285
119.0	235	237	244	253
129.0	208	212	218	227
139.0	186	191	197	205
149.0	169	174	180	187
159.0	154	160	165	173
169.0	142	147	152	160
179.0	131	136	142	149
189.0	121	127	132	139
199.0	113	119	124	131
209.0	106	112	117	123
219.0	100	106	111	117
229.0	94	100	105	111
239.0	89	96	100	106
249.0	85	91	96	101
259.0	82	88	92	97
269.0	78	84	88	93
279.0	75	81	85	90
289.0	73	78	82	87
299.0	70	76	79	84
309.0	68	73	77	81
319.0	66	71	74	79
329.0	64	69	72	76
339.0	62	67	70	74
349.0	61	65	68	72
359.0	59	64	67	70
369.0	58	62	65	69

Temperatures On Secondary Beam On Grid Line 3/4 , Location B6.

Table 11.1

379.0	56	61	63	67
389.0	55	59	62	65
399.0	54	58	61	64
409.0	53	57	59	62
419.0	52	56	58	61
429.0	51	55	57	60
439.0	50	53	56	58
449.0	49	52	55	57
459.0	48	51	54	56
469.0	47	51	53	55
479.0	46	50	52	54
489.0	45	49	51	53
499.0	45	48	50	52
509.0	44	47	49	51
519.0	43	46	48	50
529.0	43	46	47	49
539.0	42	45	47	49
549.0	41	43	44	48
559.0	41	43	45	47
569.0	40	43	44	46
579.0	40	43	44	46
589.0	40	42	44	46
599.0	39	42	43	45
609.0	39	41	43	44
619.0	38	41	42	44
629.0	38	40	41	43
639.0	37	39	41	42
649.0	37	39	40	42
659.0	36	38	40	41
669.0	36	38	39	41
679.0	35	38	39	40
689.0	35	37	38	40
699.0	35	37	38	39
709.0	34	36	37	39
719.0	34	36	37	38
729.0	34	36	37	38
739.0	34	35	36	37
749.0	33	35	36	37
759.0	33	35	36	37
769.0	33	34	35	36
779.0	33	34	35	36
789.0	32	34	35	36
799.0	32	34	34	35
809.0	32	34	34	35
819.0	32	33	34	35
829.0	32	33	34	35