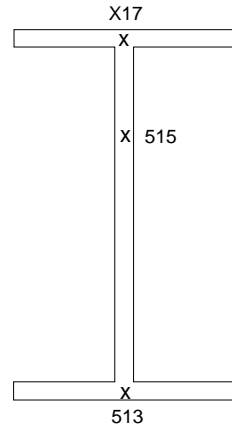


TEMPERATURE IN DEGREES CENTIGRADE STEEL BEAM				
TIME MINS	LOWER FLANGE	WEB	UPPER FLANGE	
	513	516	X17	
0.0	21	21	*	21
0.5	21	21	*	21
1.0	21	21	*	21
1.5	21	21	*	21
2.0	21	21	*	21
2.5	21	21	*	21
3.0	21	21	*	21
3.5	21	21	*	21
4.0	21	21	*	21
4.5	21	21	*	21
5.0	21	21	*	21
5.5	21	21	*	21
6.0	21	21	*	21
6.5	21	21	*	21
7.0	21	21	*	21
7.5	21	21	*	21
8.0	21	21	*	21
8.5	22	23	*	22
9.0	23	27	*	24
9.5	25	30	*	27
10.0	28	35	*	30
10.5	31	41	*	34
11.0	35	48	*	38
11.5	41	59	*	44
12.0	54	82	*	58
12.5	77	117	*	78
13.0	102	150	*	96
13.5	126	177	*	107
14.0	158	217	*	127
14.5	193	262	*	154
15.0	235	314	*	186
15.5	287	374	*	221
16.0	331	418	*	249
16.5	383	467	*	281
17.0	432	506	*	303
17.5	483	544	*	329
18.0	533	582	*	359
18.5	580	621	*	392
19.0	628	666	*	429
19.5	674	707	*	465
20.0	713	728	*	485
20.5	742	754	*	528
21.0	761	770	*	557
21.5	787	786	*	579
22.0	807	798	*	597
22.5	825	810	*	615
23.0	853	829	*	636
23.5	890	858	*	661
24.0	919	878	*	679
24.5	938	889	*	693
25.0	950	894	*	705
25.5	958	894	*	713
26.0	963	897	*	725
26.5	967	901	*	734
27.0	970	902	*	741
27.5	968	904	*	749
28.0	970	909	*	756
28.5	974	916	*	766
29.0	974	922	*	774
29.5	964	917	*	777
30.0	955	911	*	780
30.5	948	908	*	783
31.0	937	899	*	783
31.5	925	888	*	781
32.0	910	874	*	779



* Not Measured

Temperatures On Primary Beam On Grid Line E , Location B12.

Table 2.1

32.5	894	858	*	774
33.0	878	841	*	769
33.5	864	828	*	765
34.0	852	816	*	761
34.5	840	807	*	756
35.0	830	798	*	752
35.5	821	790	*	748
36.0	813	784	*	744
36.5	806	779	*	741
37.0	801	776	*	737
37.5	797	773	*	735
38.0	794	770	*	732
38.5	792	768	*	730
39.0	790	767	*	728
39.5	789	768	*	727
40.0	789	767	*	725
40.5	789	768	*	725
41.0	790	768	*	724
41.5	790	769	*	723
42.0	791	770	*	723
42.5	792	770	*	723
43.0	792	771	*	723
43.5	792	771	*	723
44.0	792	772	*	723
44.5	791	770	*	722
45.0	789	768	*	721
45.5	788	767	*	721
46.0	786	766	*	720
46.5	784	764	*	719
47.0	781	761	*	718
47.5	778	759	*	717
48.0	774	756	*	715
48.5	771	754	*	713
49.0	766	750	*	711
49.5	762	746	*	709
50.0	758	743	*	707
50.5	755	739	*	704
51.0	752	735	*	701
51.5	749	731	*	699
52.0	745	727	*	696
52.5	742	722	*	693
53.0	738	718	*	690
53.5	735	713	*	687
54.0	730	708	*	684
54.5	726	702	*	681
55.0	722	697	*	677
55.5	717	691	*	674
56.0	712	686	*	671
56.5	708	680	*	668
57.0	703	674	*	665
57.5	698	669	*	662
58.0	693	663	*	658
58.5	687	658	*	655
59.0	682	652	*	651
59.5	677	647	*	647
60.0	671	643	*	644
60.5	666	642	*	640
61.0	661	642	*	637
61.5	655	640	*	633
62.0	650	635	*	629
62.5	646	629	*	624
63.0	644	623	*	620
63.5	645	616	*	615
64.0	644	608	*	610
64.5	641	602	*	605
65.0	635	597	*	600
65.5	628	591	*	596
66.0	620	586	*	591
66.5	613	580	*	586
67.0	605	575	*	582

Temperatures On Primary Beam On Grid Line E , Location B12.

Table 2.1

67.5	598	570	*	577
68.0	591	564	*	573
68.5	585	560	*	568
69.0	579	554	*	564
69.5	572	550	*	559
70.0	566	545	*	555
70.5	560	540	*	550
71.0	555	535	*	546
71.5	550	531	*	542
72.0	544	526	*	538
72.5	539	522	*	533
73.0	534	517	*	529
73.5	528	513	*	525
74.0	523	508	*	521
74.5	518	503	*	517
75.0	513	499	*	513
75.5	508	494	*	509
76.0	504	490	*	505
76.5	499	485	*	501
77.0	494	481	*	497
77.5	489	476	*	493
78.0	485	472	*	489
78.5	480	467	*	485
79.0	476	463	*	481
79.5	471	459	*	477
80.0	467	455	*	474
80.5	462	451	*	470
81.0	458	447	*	466
81.5	454	443	*	462
82.0	450	439	*	459
82.5	445	435	*	455
83.0	441	431	*	452
83.5	437	428	*	448
84.0	433	424	*	445
84.5	430	420	*	441
85.0	426	417	*	438
85.5	422	413	*	434
86.0	418	409	*	431
86.5	414	405	*	427
87.0	410	402	*	424
87.5	406	398	*	420
88.0	402	394	*	417
88.5	399	391	*	414
109.0	290	290	*	312
119.0	254	255	*	277
129.0	225	228	*	248
139.0	200	204	*	224
149.0	180	186	*	204
159.0	163	170	*	188
169.0	149	157	*	173
179.0	137	145	*	161
189.0	126	135	*	150
199.0	117	126	*	140
209.0	109	118	*	132
219.0	102	111	*	124
229.0	96	105	*	117
239.0	90	99	*	111
249.0	86	94	*	106
259.0	81	90	*	101
269.0	78	86	*	97
279.0	75	83	*	93
289.0	72	80	*	90
299.0	69	77	*	86
309.0	67	75	*	83
319.0	65	72	*	81
329.0	63	70	*	78
339.0	61	68	*	76
349.0	59	66	*	74
359.0	58	64	*	71
369.0	56	63	*	69

Temperatures On Primary Beam On Grid Line E , Location B12.

Table 2.1

379.0	55	61	*	68
389.0	54	59	*	66
399.0	52	58	*	64
409.0	51	57	*	62
419.0	50	55	*	61
429.0	49	54	*	59
439.0	48	53	*	58
449.0	47	52	*	57
459.0	46	51	*	56
469.0	45	50	*	54
479.0	45	49	*	53
489.0	44	48	*	52
499.0	43	47	*	51
509.0	42	46	*	50
519.0	42	45	*	49
529.0	39	45	*	48
539.0	40	44	*	47
549.0	40	43	*	47
559.0	39	42	*	46
569.0	38	42	*	45
579.0	39	42	*	45
589.0	38	41	*	44
599.0	37	41	*	43
609.0	37	40	*	43
619.0	37	39	*	42
629.0	36	39	*	41
639.0	35	38	*	41
649.0	35	38	*	40
659.0	35	37	*	40
669.0	34	37	*	39
679.0	34	36	*	39
689.0	33	36	*	38
699.0	33	36	*	37
709.0	33	35	*	37
719.0	33	35	*	37
729.0	32	34	*	36
739.0	32	34	*	36
749.0	32	34	*	35
759.0	31	33	*	35
769.0	31	33	*	34
779.0	31	33	*	34
789.0	31	33	*	34
799.0	31	32	*	34
809.0	31	32	*	33
819.0	31	32	*	33
829.0	31	32	*	33

Temperatures On Primary Beam On Grid Line E , Location B12.

Table 2.1