

TIME MINS	STEEL CONNECTION TEMPERATURES		
	547	548	549
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	22
8.5	21	21	23
9.0	21	22	25
9.5	21	24	28
10.0	21	26	31
10.5	21	28	35
11.0	22	31	42
11.5	22	36	53
12.0	22	45	74
12.5	23	57	105
13.0	24	67	126
13.5	25	77	146
14.0	26	91	173
14.5	28	104	199
15.0	30	119	226
15.5	33	137	257
16.0	36	154	289
16.5	39	172	320
17.0	42	187	348
17.5	46	203	377
18.0	50	219	404
18.5	53	237	432
19.0	57	256	463
19.5	61	277	499
20.0	65	293	523
20.5	68	316	560
21.0	73	341	597
21.5	78	365	628
22.0	80	386	654
22.5	83	404	676
23.0	86	420	697
23.5	88	435	716
24.0	90	450	734
24.5	91	466	746
25.0	93	481	764
25.5	95	494	778
26.0	99	505	788
26.5	104	515	795
27.0	108	523	798
27.5	113	529	798
28.0	119	534	798
28.5	124	537	796
29.0	129	542	796
29.5	133	547	796
30.0	138	550	793
30.5	142	553	792
31.0	148	555	789
31.5	153	557	786
32.0	158	558	781
32.5	163	558	775

Temperatures At Connection 4E .

Table 5.1

33.0	168	557	769
33.5	172	556	764
34.0	177	555	758
34.5	181	554	753
35.0	185	552	749
35.5	189	551	744
36.0	192	549	740
36.5	196	548	737
37.0	199	547	734
37.5	202	546	731
38.0	205	545	728
38.5	207	545	726
39.0	209	544	724
39.5	211	544	723
40.0	214	544	721
40.5	216	545	721
41.0	218	545	720
41.5	221	546	719
42.0	223	547	719
42.5	226	548	720
43.0	229	550	720
43.5	231	551	721
44.0	234	553	721
44.5	237	554	722
45.0	239	555	721
45.5	242	556	721
46.0	245	557	721
46.5	247	557	720
47.0	250	557	719
47.5	253	558	718
48.0	255	558	716
48.5	257	557	714
49.0	260	557	712
49.5	262	556	710
50.0	265	556	708
50.5	267	555	705
51.0	269	553	702
51.5	271	552	699
52.0	273	551	696
52.5	275	549	692
53.0	277	547	688
53.5	279	545	684
54.0	281	543	680
54.5	283	541	676
55.0	285	538	671
55.5	287	536	666
56.0	288	533	661
56.5	290	530	656
57.0	291	527	652
57.5	293	525	647
58.0	294	522	644
58.5	296	519	642
59.0	297	516	640
59.5	298	513	636
60.0	299	510	631
60.5	300	508	624
61.0	302	505	618
61.5	303	502	612
62.0	304	499	606
62.5	305	496	601
63.0	305	493	595
63.5	306	491	590
64.0	307	487	584
64.5	308	485	579
65.0	309	482	573
65.5	309	479	568
66.0	310	476	563
66.5	311	473	559
67.0	311	470	554
67.5	312	467	549

Temperatures At Connection 4E .

Table 5.1

68.0	312	464	544
68.5	313	462	540
69.0	313	459	535
69.5	313	456	531
70.0	314	454	526
70.5	314	451	522
71.0	314	448	518
71.5	315	446	514
72.0	315	443	509
72.5	315	440	505
73.0	315	438	501
73.5	316	435	497
74.0	316	433	493
74.5	316	430	488
75.0	316	428	484
75.5	316	425	480
76.0	316	423	477
76.5	316	420	473
77.0	316	418	469
77.5	316	415	465
78.0	316	413	461
78.5	316	410	457
79.0	316	408	452
79.5	316	405	449
80.0	316	403	445
80.5	316	401	441
81.0	315	398	438
81.5	315	396	434
82.0	315	394	431
82.5	315	391	427
83.0	315	389	423
83.5	315	387	420
84.0	314	385	417
84.5	314	383	414
85.0	314	381	410
85.5	314	378	407
86.0	313	376	403
86.5	313	374	400
87.0	313	372	396
87.5	312	370	393
88.0	312	367	389
88.5	312	365	386
109.0	290	302	298
119.0	277	279	269
129.0	264	259	246
139.0	251	240	224
149.0	239	226	208
159.0	227	212	193
169.0	215	200	181
179.0	204	189	170
189.0	194	179	160
199.0	185	169	150
209.0	176	161	142
219.0	167	152	135
229.0	159	145	128
239.0	152	138	122
249.0	145	132	117
259.0	138	126	112
269.0	132	121	108
279.0	126	116	104
289.0	120	111	100
299.0	115	107	96
309.0	111	103	93
319.0	106	99	90
329.0	102	95	87
339.0	98	92	84
349.0	95	89	82
359.0	91	86	79
369.0	88	83	77
379.0	85	79	74

Temperatures At Connection 4E .

Table 5.1

389.0	82	78	73
399.0	79	76	71
409.0	77	74	69
419.0	75	72	67
429.0	72	69	65
439.0	70	68	64
449.0	68	66	62
459.0	66	64	61
469.0	64	63	60
479.0	63	61	58
489.0	61	60	57
499.0	60	59	56
509.0	58	57	55
519.0	57	56	54
529.0	56	55	53
539.0	54	54	52
549.0	53	51	49
559.0	52	51	50
569.0	51	50	49
579.0	51	50	49
589.0	50	49	48
599.0	49	48	47
609.0	48	48	46
619.0	47	47	46
629.0	46	46	45
639.0	45	45	44
649.0	44	44	43
659.0	44	43	43
669.0	43	43	42
699.0	41	41	40
709.0	40	40	40
719.0	40	40	39
729.0	39	39	39
739.0	38	38	38
749.0	38	38	38
759.0	37	37	37
769.0	37	37	37
779.0	36	37	36
789.0	36	36	36
799.0	36	36	36
809.0	35	35	35
819.0	35	35	35
829.0	34	35	35