

TABLE 1. EFFECTIVE TEMPERATURE FOR VARIOUS WET BULB AND DRY BULB TEMPERATURES FOR STILL AIR
Persons Normally Clothed and Slightly Active

Wet Bulb Temperature																									
Dry Bulb Temp.	25	30	35	40	45	49	52	54	56	58	60	62	64	66	68	70	72	74	77	80	85	90	95	100	
30	32.0	30.0																							
35	37.0	36.2	35.0																						
40		41.0	40.6	40.0																					
45			45.1	45.1	45.0	45.0																			
50				49.1	49.3	49.7	50.0																		
54				52.1	52.4	52.9	53.3	53.8	54.0	56.8															
57				54.5	55.0	55.6	56.0	56.3	56.8	59.0	59.5	60.0													
60				56.4	57.0	57.7	58.2	58.6	59.0	60.0	60.9	61.3	62.0												
62				57.7	58.3	58.9	59.6	60.3	60.9	61.2	61.8	62.2	62.8	63.3	64.0										
64					60.8	61.5	62.1	62.5	63.0	63.5	64.0	64.7	65.3	65.9	66.5	67.2									
66					62.0	62.7	63.3	63.8	64.3	64.8	65.3	65.9	66.5	67.2	68.0										
68					63.0	63.9	64.5	65.0	65.4	65.9	66.4	67.0	67.8	68.4	69.2	70.0									
70					64.2	65.0	65.6	66.0	66.5	67.0	67.6	68.2	68.9	69.6	70.3	71.1	72.0								
72						66.0	66.6	67.0	67.6	68.1	68.7	69.2	70.0	70.6	71.4	72.2	73.1	74.0							
74						67.0	67.7	68.1	68.7	69.1	69.8	70.3	71.0	71.7	72.4	73.2	74.1	75.0							
76						68.0	68.7	69.1	69.7	70.2	70.8	71.3	72.0	72.7	73.4	74.2	75.0	76.0							
78						69.0	69.7	70.1	70.6	71.1	71.7	72.3	73.0	73.7	74.4	75.2	76.0	76.9	78.3	80.0					
80							71.0	71.4	72.0	72.5	73.1	73.7	74.3	75.0	75.8	76.5	77.2	78.2	79.7	81.2					
83							72.3	72.8	73.3	73.9	74.4	75.0	75.7	76.2	77.0	77.8	78.6	79.4	80.8	82.4	83.4				
86							74.5	75.0	75.5	76.0	76.6	77.2	77.9	78.6	79.3	80.1	80.9	81.3	82.6	84.0	85.4	86.6	90.0		
90							76.8	77.3	77.9	78.5	79.1	79.8	80.3	81.1	81.8	82.6	83.4	84.2	85.4	86.7	88.0	89.3	91.2	95.0	
95								79.1	79.6	80.2	80.8	81.3	82.0	82.7	83.4	84.1	84.8	85.5	86.7	88.0	89.3	90.4	91.2	95.8	
100									81.1	81.7	82.2	82.8	83.4	84.1	84.8	85.5	86.7	87.7	89.0	90.4	91.3	92.6	96.7	100.6	
105										83.0	83.6	84.2	84.8	85.4	86.0	86.7	87.7	89.0	90.4	91.3	92.6	96.7	100.6		
110											86.4	86.9	87.5	88.2	88.8	89.3	89.9	90.4	91.0	91.6	92.2	97.3	101.2		
120																									

Note.—To obtain the effective temperatures for a person stripped to the waist, for any wet and dry bulb reading, subtract from the normally clothed effective temperature, the factor for the particular belt or zone found at the edge of the Table

TABLE 2. EFFECTIVE TEMPERATURE FOR VARIOUS WET BULB AND DRY BULB TEMPERATURES WITH AN AIR VELOCITY OF 50 FT. PER MINUTE
Persons Normally Clothed and Slightly Active

Wet Bulb Temperature																									
Dry Bulb Temp.	25	30	35	40	45	49	52	54	56	58	60	62	64	66	68	70	72	74	77	80	85	90	95	100	
30																									
35	34.1	33.2	31.9																						
40	7	38.6	38.0	37.3																					
45		43.2	43.0	42.9	42.6																				
50			47.6	47.7	47.9	48.0																			
54			50.9	51.0	51.3	51.7	51.9	52.1	55.1																
57				53.3	53.7	54.1	54.5	54.8	57.0	57.2	57.7	58.0	58.6	60.7	62.7										
60				55.2	55.9	56.4	57.0	57.2	59.8	60.2	60.6	61.1	61.6	62.1	62.7	64.8									
62				56.7	57.3	57.9	58.4	58.8	61.1	61.6	62.0	62.4	63.0	63.5	64.1	66.1	66.8								
64						58.7	59.2	59.8	60.2	60.6	61.1	61.6	62.1	62.7	64.8										
66						59.9	60.6	61.1	61.6	62.0	62.4	63.0	63.5	64.1	66.1	66.8									
68						61.1	61.9	62.4	62.9	63.3	63.8	64.2	64.9	65.5	66.1	68.1	68.8								
70						62.3	63.1	63.6	64.0	64.5	65.0	65.5	66.2	66.7	67.4	68.1	69.0								
72						63.6	64.2	64.9	65.3	65.8	66.2	66.8	67.3	67.8	68.5	69.1	69.9	70.5	71.3	72.1					
74							65.4	66.1	66.5	67.0	67.4	68.0	68.5	69.1	69.7	70.3	70.9	71.6	72.4	73.2	74.1				
76							66.6	67.1	67.5	68.0	68.5	69.0	69.7	70.3	70.9	71.6	72.4	73.2	74.1	75.0	75.9				
78							67.6	68.2	68.6	69.0	69.6	70.1	70.7	71.3	72.0	72.8	73.4	74.2	75.2	76.7	79.2				
80							68.6	69.1	69.6	70.1	70.6	71.1	71.8	72.3	73.0	73.7	74.4	75.3	76.2	77.6	79.2				
83								70.6	71.0	71.5	72.0	72.6	73.2	73.8	74.4	75.1	75.8	76.4	77.2	78.0	78.8	80.2	81.8		
86									72.0	72.5	73.0	73.4	74.0	74.5	75.1	75.8	76.4	77.2	78.0	78.8	79.6	80.4	81.8	83.2	
90										74.2	74.6	75.1	75.7	76.2	76.8	77.4	78.0	78.8	79.6	80.4	81.8	83.2	84.7	86.2	
95											76.6	77.1	77.6	78.2	78.7	79.3	80.0	80.7	81.4	82.2	83.0	83.8	84.9	87.7	
100												78.9	79.3	79.8	80.3	81.0	81.6	82.3	83.0	83.8	84.5	85.2	86.3	88.9	
105													80.9	81.4	81.9	82.6	83.2	83.8	84.5	85.2	86.3	87.6	90.1	93.0	
110														82.9	83.4	83.9	84.5	85.1	85.8	86.4	87.5	88.8	91.1	93.9	
120															86.2	86.8	87.3	87.9	88.6	89.7	90.8	91.9	93.0	97.2	

Note.—To obtain the effective temperatures for any wet and dry bulb reading for a person stripped to the waist, subtract from the normally clothed effective temperature as found in the chart, the factor at the edge of the Table for the particular belt or zone.