

TABLE 93. 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															
57					54.5	55.0	55.6	56.0	56.3	56.8														
60					56.4	57.0	57.7	58.2	58.6	59.0	59.5	60.0												
62					57.7	58.3	59.0	59.6	60.0	60.4	60.9	61.3	62.0											
64						59.6	60.3	60.9	61.2	61.8	62.2	62.8	63.3	64.0										
66						60.8	61.5	62.1	62.5	63.0	63.5	64.0	64.7	65.3	66.0									
68						62.0	62.7	63.3	63.8	64.3	64.8	65.3	65.9	66.5	67.2	68.0								
70						63.0	63.9	64.5	65.0	65.4	65.9	66.4	67.0	67.8	68.4	69.2	70.0							
72						64.2	65.0	65.6	66.0	66.5	67.0	67.6	68.2	68.9	69.6	70.3	71.0	71.7	72.4	73.2	74.1	75.0		
74							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					
76							67.0	67.7	68.1	68.7	69.1	69.7	70.3	71.0	71.7	72.5	73.3	74.3	75.3	76.3	77.2	78.2	79.7	81.2
78							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	76.9	77.8	78.3	80.0	
80							69.0	69.7	70.1	70.6	71.1	71.7	72.3	73.0	73.7	74.3	75.0	75.8	76.5	77.2	78.2	79.7	81.2	
83								71.0	71.4	72.0	72.5	73.1	73.7	74.3	75.0	75.7	76.2	77.0	77.8	78.6	79.4	80.8	82.4	85.4
86								72.3	72.8	73.3	73.9	74.4	75.0	75.7	76.2	77.0	77.8	78.6	79.3	80.1	80.9	82.3	83.8	86.6
90								74.5	75.0	75.5	76.0	76.6	77.2	77.9	78.6	79.3	80.1	81.1	81.8	82.6	84.0	85.4	88.0	91.2
95								76.8	77.3	77.9	78.5	79.1	79.8	80.3	81.1	82.0	82.7	83.4	84.2	85.4	86.7	88.0	90.4	93.2
100									79.1	79.6	80.2	80.8	81.3	82.0	82.8	83.4	84.1	84.8	85.5	86.7	88.0	90.4	93.2	96.7
105										81.1	81.7	82.2	82.8	83.4	84.2	84.8	85.4	86.0	86.7	87.7	89.0	91.3	94.0	97.3
110											83.0	83.6	84.2	84.8	85.4	86.4	87.5	88.8	89.8	90.9	93.0	95.6	98.5	102.2
120												86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4

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 94. 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																								
40	34.1	33.2	31.9																					
45		38.6	38.0	37.3																				
50		43.2	43.0	42.9	42.6																			
54			47.6	47.7	47.9	48.0																		
57			50.9	51.0	51.3	51.7	51.9	52.1																
60				53.3	53.7	54.1	54.5	54.8	55.1															
62				55.2	55.9	56.4	57.0	57.2	57.7	58.0	58.6													
64				56.7	57.3	57.9	58.4	58.8	59.2	59.7	60.1	60.7												
66					58.7	59.2	59.8	60.2	60.6	61.1	61.6	62.1	62.7											
68					59.9	60.6	61.1	61.6	62.0	62.4	62.9	63.3	63.8	64.2	64.9	65.5	66.1	66.8						
70					61.1	61.9	62.4	62.9	63.3	63.8	64.2	64.9	65.5	66.2	66.7	67.4	68.1	68.8						
72					62.3	63.1	63.6	64.0	64.5	65.0	65.6	66.2	66.8	67.3	68.0	68.7	69.3	70.2	71.0					
74					63.6	64.2	64.9	65.3	65.8	66.2	66.8	67.3	68.0	68.7	69.3	70.2	71.0	71.8	72.6	73.4	74.2	75.2		
76						65.4	66.1	66.5	67.0	67.4	68.0	68.5	69.1	69.9	70.3	70.9	71.6	72.4	73.2	74.1	75.0	76.7	77.6	79.2
78						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	76.7	77.6	79.2	80.6	
80						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	77.6	79.2	80.6		
83						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	80.6			
86							70.6	71.0	71.5	72.0	72.6	73.3	74.0	74.8	75.1	75.9	76.7	77.6	79.2	80.6				
90							72.0	72.5	73.0	73.4	74.0	74.5	75.1	75.8	76.4	77.2	78.0	78.8	80.4	81.8	83.2	84.7	86.2	89.6
95								74.2	74.6	75.1	75.7	76.2	76.8	77.4	78.0	78.8	79.6	80.7	81.4	82.2	83.4	84.9	87.7	90.9
100									76.6	77.1	77.6	78.2	78.7	79.3	80.0	80.7	81.4	82.2	83.0	83.8	85.0	86.3	88.9	92.0
105										78.9	79.3	79.8	80.3	81.0	81.6	82.3	83.8	84.5	85.2	86.3	87.6	89.1	91.9	97.2
110											80.9	81.4	81.9	82.6	83.2	83.8	84.5	85.1	85.8	86.4	87.5	88.8	91.1	97.2
120												82.9	83.4	83.9	84.5	85.1	85.8	86.4	87.3	88.6	89.7	90.8	92.9	98.4

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.