TABLE 100. RELATION BETWEEN DRY AND WET BULB TEMPERATURES AND EFFECTIVE TEMPERATURE FOR 300 FT. AIR VELOCITY

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
Effective Temperature																								
30																								
35																								
40																								
45																								
50																								
54			35.7	34.8	33.5	32.5	31.2	30.3																
57				35.2	37.9	37.1	36.7	36.3	35.7															
60				41.9	41.7	41.4	41.1	41.0	40.9	40.6	40.2													
62				44.1	44.0	44.0	43.9	43.9	43.8	43.8	43.6	43.5												
64					46.0	46.1	46.2	46.2	46.3	46.4	46.6	46.7	46.9											
66					48.1	48.6	48.8	48.9	49.0	49.1	49.3	49.7	49.9	50.0										
68					50.1	50.7	50.9	51.0	51.1	51.5	51.8	52.6	52.3	52.8	53.1									
70					52.1	52.7	53.0	53.1	53.5	53.9	54.1	54.5	55.0	55.2	55.9	56.2								
72					54.1	54.8	55.0	55.2	55.7	56.0	56.3	56.7	57.0	57.7	58.0	58.8	59.8							
74						56.5	56.9	57.1	57.5	57.9	58.2	58.7	59.1	59.8	60.2	61.0	61.8	62.9						
76						58.1	58.8	59.0	59.4	59.8	60.0	60.6	61.1	61.7	62.3	63.0	63.9	64.8						
78						60.0	60.3	60.8	61.1	61.5	61.9	62.3	63.0	63.6	64.2	64.9	65.7	66.6	68.2					
80						61.7	62.0	62.3	62.8	63.2	63.8	64.1	64.8	65.1	65.9	66.7	67.4	68.3	70.0	72.1				
83							64.3	64.9	65.1	65.7	66.0	66.6	67.1	67.8	68.3	69.1	69.9	70.7	72.1	74.2				
86							66.3	67.0	67.5	67.9	68.3	68.8	69.3	69.9	70.4	71.1	71.9	72.8	74.1	76.1	80.1			
90								69.8	70.1	70.5	71.0	71.4	72.0	72.6	73.2	73.8	74.6	75.3	76.7	78.3	81.9	86.7		
95									73.1	73.6	74.0	74.4	74.9	75.4	76.0	76.7	77.4	78.1	79.4	80.8	83.9	88.0	93.0	
100										76.0	76.5	77.0	77.4	78.0	78.6	79.2	79.8	80.4	81.7	83.0	85.8	89.4	94.4	100.2
105											78.8	79.2	79.8	80.2	80.8	81.4	82.0	82.7	83.8	85.1	87.5	90.8	95.3	100.8
110												81.3	81.8	82.1	82.8	83.3	83.9	84.5	85.6	86.7	89.1	92.0	96.3	101.4
120														85.7	86.0	86.6	87.1	87.7	88.6	89.7	91.7	94.5	97.9	102.8

TABLE 101. RELATION BETWEEN DRY AND WET BULB TEMPERATURES AND EFFECTIVE TEMPERATURE FOR 500 FT. AIR VELOCITY

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
Effective Temperature																								
30																								
35																								
40																								
45																								
50																								
54				31.1	29.0	26.0																		
57				35.3	34.1	32.8	31.4	30.3	29.0															
60				39.2	38.4	37.6	36.9	36.2	35.5	34.7	33.3													
62				39.7	41.1	40.4	40.0	39.6	39.0	38.3	37.8	37.0												
64					43.6	43.1	42.9	42.7	42.3	42.0	41.6	41.0	40.5											
66					45.9	45.7	45.4	45.3	45.1	45.0	44.9	44.7	44.3	44.0										
68					48.0	48.0	48.0	48.0	48.0	47.9	47.9	47.9	47.8	47.8	47.7									
70					50.0	50.0	50.1	50.1	50.2	50.3	50.4	50.5	50.8	50.9	51.0	51.0								
72					52.0	52.2	52.4	52.4	52.6	52.8	52.9	53.0	53.2	53.4	53.8	54.0	54.5							
74						54.1	54.4	54.6	54.8	54.9	55.1	55.3	55.7	56.0	56.3	56.9	57.3	58.0						
76						56.0	56.2	56.4	56.8	57.0	57.2	57.6	58.0	58.3	58.8	59.1	59.9	60.6						
78						57.8	58.2	58.5	58.8	59.0	59.3	59.8	60.0	60.3	60.8	61.3	62.0	62.9	64.1					
80						59.7	60.0	60.3	60.5	60.8	61.1	61.4	61.9	62.4	62.9	63.4	64.0	64.9	66.3	68.2				
83							62.6	62.9	63.0	63.4	63.8	64.1	64.7	65.1	65.6	66.1	66.8	67.6	69.0	70.8				
86							65.0	65.3	65.7	66.0	66.3	66.7	67.1	67.6	68.1	68.8	69.3	70.0	71.4	73.2	77.1			
90								68.3	68.8	69.1	69.5	69.9	70.2	70.8	71.3	72.0	72.6	73.3	74.5	75.9	79.6	84.6		
95									72.2	72.5	73.0	73.5	74.0	74.5	75.0	75.5	76.2	76.8	77.8	79.1	81.9	86.4	92.4	
100										76.0	76.4	76.7	77.1	77.6	78.0	78.6	79.1	79.7	80.7	81.8	84.5	88.3	93.3	100.4
105											78.9	79.4	79.8	80.1	80.6	81.1	81.6	82.2	83.2	84.4	86.7	90.0	94.5	101.1
110												81.5	81.9	82.3	82.8	83.3	83.9	84.4	85.3	86.4	88.7	91.6	95.7	101.9
120													85.5	85.9	86.3	86.7	87.2	87.7	88.6	89.6	91.4	94.1	97.9	103.3