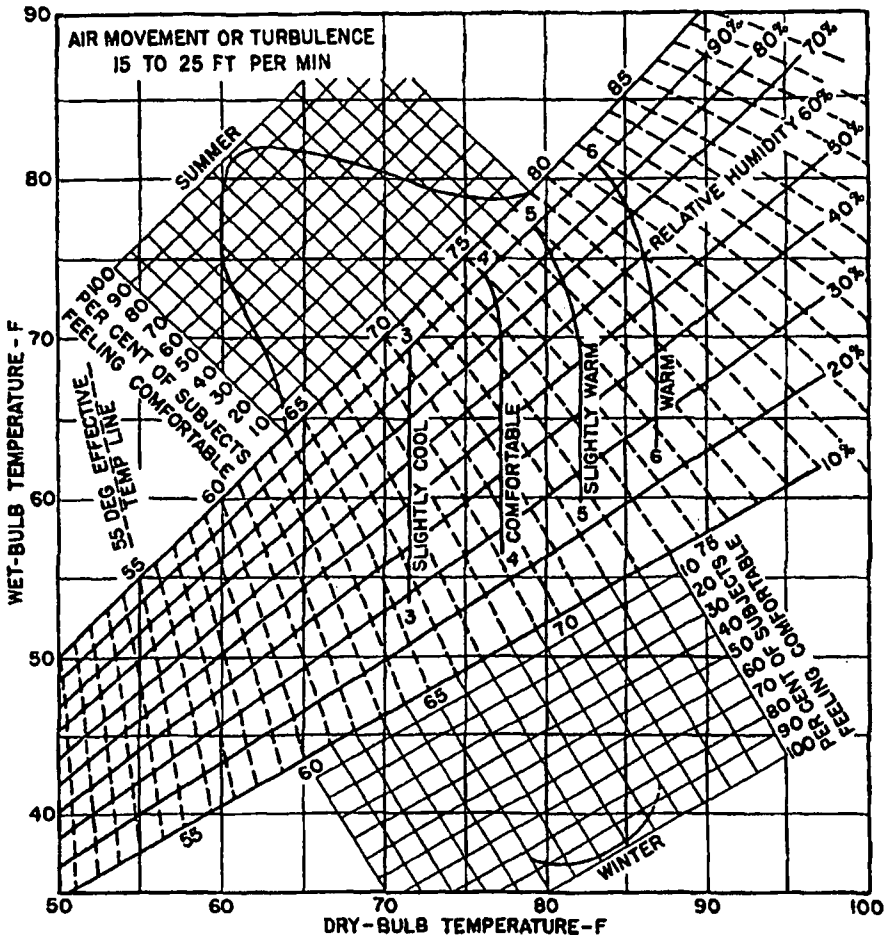

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Fig. 28-19. Comfort chart for still air.

Note 1. Both summer and winter comfort zones apply to inhabitants of the United States only. Application of winter comfort line is further limited to rooms heated by central station systems of the convection type. The line does not apply to rooms heated by radiant methods. Application of summer comfort line is limited to homes, offices and the like, where the occupants become fully adapted to the artificial air conditions. The line does not apply to theaters, department stores, and the like where the exposure is less than 3 hr. The optimum summer comfort line shown pertains to Pittsburgh and to other cities in the northern portion of the United States and Southern Canada, and at elevations not in excess of 1,000 ft above sea level. An increase of 1 degree ET should be made approximately per 5 degrees reduction in north latitude.

Note 2. Dotted portion of winter comfort line was extrapolated beyond test data.