

The Temperature-Humidity Index

For the derivation of the temperature – humidity index, see the following article:

Steadman, R. G. 1979. The Assessment of Sultriness. Part I: A Temperature-Humidity Index Based on Human Physiology and Clothing Science. *Journal of Applied Meteorology*, July 1979.

In the article, Steadman assesses and compares the relative “sultriness” or combined effects of high temperature and humidity on physiology in warm-humid climates and hot-arid climates. Steadman then prepares a table of apparent temperature corresponding to summer temperatures and humidities.

To obtain a copy of the article, you can (1) check your local library and interlibrary loan, (2) contact the American Meteorological Society at

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