**Column Data type Description**

**Year**  integer Year CE

**Month** integer Month of year

**Day** integer Day of month

**Hour** integer Hour of day (24-hour format)

**Solar** floating-point Solar radiation (*Grad*) in watts per square meter

**T\_air** floating-point Air temperature (*Ta*) in degrees Celsius

**RH** floating-point Relative humidity (RH) expressed as a percentage

**Wind\_Speed** floating-point Wind speed (ws) in meters per second

**Pressure** floating-point Surface level air pressure (*MSLP*) in mbar

**T\_wb** floating-point Natural wet-bulb temperature (*Tw*), in degrees Celsius. Calculated with the R package *wbgt* (<https://github.com/mdljts/wbgt>) using the model described in: Liljegren JC, Carhart RA, Lawday P. et al. Modeling the web bulb globe temperature using standard meteorological measurements. *J Occup Environ Hyg* 2008;5:645-55

**T\_globe** floating-point Globe temperature (*Tg*), in degrees Celsius. Estimated according to: Okada M, Kusaka H. Proposal of a new equation to estimate globe temperature in an urban park environment. *J Agric Meteorol* 2013;69:23-32

**WBGT** floating-point WBGT index in degrees Celsius as described in: ISO 7243. *Ergonomics of the thermal environment - assessment of heat stress using the WBGT (wet bulb globe temperature) index*, 2017. Calculated as: WBGT = 0.7*Tw* + 0.2*Tg* + 0.1*Ta*

**WBGT\_Flag** text Generalized heat stress flag color warnings for runners based on the WBGT index, as described in: Cheuvront SN, Hosokawa Y. The WBGT index: a primer for road race medicine. *Endurance and Sports Medicine* 2018:22-26.

**Tmrt** floating-point Radiant temperature (*Tmrt*) in degrees Celsius representing a generic sunlit location with the urban environment (sky-view factor = 0.6). Calculated using SOLWEIG 1D (<https://gvc.gu.se/english/research/climate/urban-climate/software/solweig>).

**PET** floating-point Physiological Equivalent Temperature (PET) in degrees Celsius as described in: Höppe P. The physiological equivalent temperature - a universal index for the biometerological assessment of the thermal environment. *Int J Biometeorol* 1999;43:71-75. Calculated using SOLWEIG 1D (<https://gvc.gu.se/english/research/climate/urban-climate/software/solweig>).

**PET\_Flag** text Grade of physiological stress using the PET index as described in: Matzarakis A, Mayer H, Iziomon MG. Applications of a universal thermal index: physiological equivalent temperature. *Int J Biometeorol* 1999;43:76-84

**UTCI** floating-point Universal Thermal Climate Index (UTCI) as described in: Jendritzky G, de Dear R, Havenith G. UTCI - why another thermal index? *Int J Biometeorol* 2012;56:421-428. Calculated using SOLWEIG 1D (<https://gvc.gu.se/english/research/climate/urban-climate/software/solweig>).