

ENVIRONMENTAL RESEARCH
LETTERS

CORRIGENDUM

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Corrigendum: Heat index extremes increasing several times faster
than the air temperature (2024 *Environ. Res. Lett.* **19** 041002)

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Romps (2024), hereafter R24, reported maximum values of the heat index calculated from hourly observations of temperature and humidity from surface stations in Texas during JJA of 2023. Further scrutiny reveals that four of those humidity values are associated with an unnaturally rapid fluctuation in time. Discarding those four hours and repeating the analysis, four data points move in figure 1 of R24 and the maximum observed heat index changes from

75 °C (at Houston's Ellington Airport at a time of a suspicious humidity value) to 65 °C (at Kelly AFB on 10 June 2023). The maximum observed heat index had no bearing on R24's conclusions, so there are no other implications from this additional quality control. Figure 1 here shows the original and updated figure 1(b) of R24 side-by-side. Separately, R24 referred to the stations as ASOS when they should have been referred to as ASOS/AWOS.

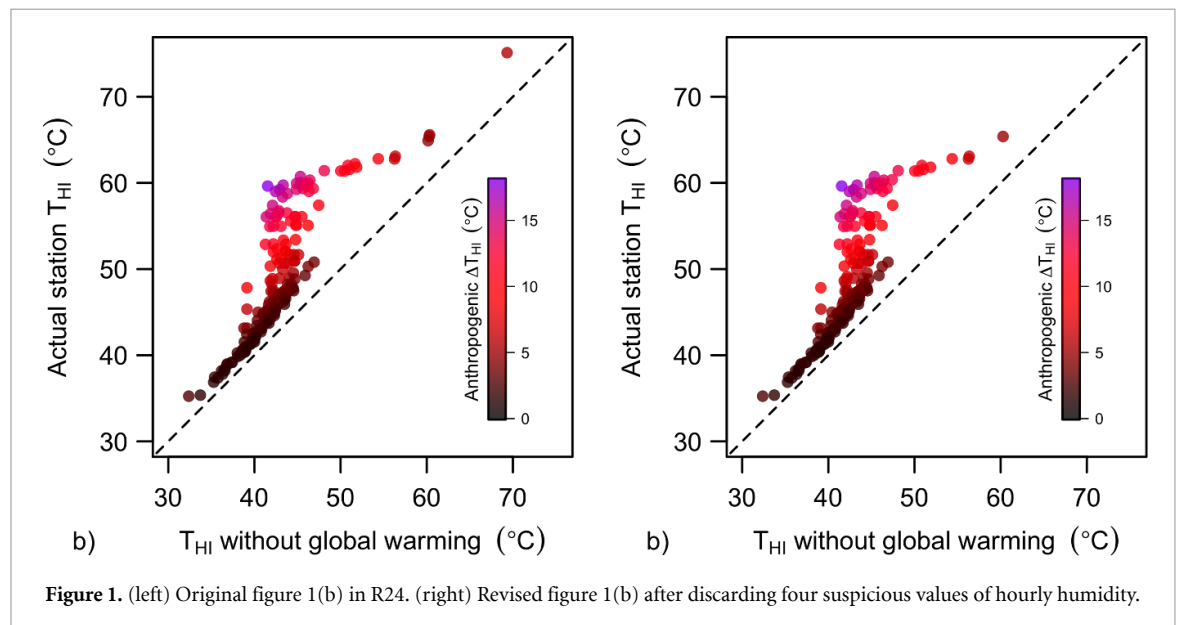


Figure 1. (left) Original figure 1(b) in R24. (right) Revised figure 1(b) after discarding four suspicious values of hourly humidity.

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