



Corrigendum to

“Evaluating consistency between total column CO₂ retrievals from OCO-2 and the in situ network over North America: implications for carbon flux estimation” published in Atmos. Chem. Phys., 21, 14385–14401, 2021

Bharat Rastogi^{1,2}, John B. Miller², Micheal Trudeau^{1,2}, Arlyn E. Andrews², Lei Hu^{1,2}, Marikate Mountain³, Thomas Nehrkorn³, Bianca Baier^{1,2}, Kathryn McKain^{1,2}, John Mund², Kaiyu Guan⁴, and Caroline B. Alden^{1,2}

¹Cooperative Institute for Research in Environmental Sciences (CIRES),
University of Colorado Boulder, Boulder, CO 80309, USA

²Global Monitoring Laboratory, National Oceanic and Atmospheric Administration, Boulder, CO 80305, USA

³Atmospheric and Environmental Research, Lexington, MA 02041, USA

⁴Department of Natural Resources and Environmental Sciences, College of Agriculture, Consumer, and Environmental Sciences, University of Illinois Urbana-Champaign, Urbana, IL 60801, USA

Correspondence: Bharat Rastogi (bharat.rastogi@noaa.gov)

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We noticed a typographical error in the second term in parenthesis in Eq. (2) of the published paper. There are two components of this term. In the incorrect form of the equation, p_i is negative, whereas the other component is positive. The correct form is actually when p_i is positive and the other component is subtracted from it (see below). We checked our source code and found that, wherever this equation is applied, it is in the correct form, implying that the results in Rastogi et al. (2021), as published currently, are not impacted by this typographical error in the paper.

$$w = \sum_{i=1}^N w_i = \sum_{i=1}^N \left(-p_i + \frac{p_{i+1} - p_i}{\ln\left(\frac{p_{i+1}}{p_i}\right)} \right) + \left(p_i - \frac{p_i - p_{i-1}}{\ln\left(\frac{p_i}{p_{i-1}}\right)} \right) \frac{1}{p_{\text{surf}}}. \quad (2)$$