

Errata for *A First Course in Atmospheric Radiation (2nd Ed.)*

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This page documents significant errors in the textbook that were discovered after the Second Edition went to press. Most of these errors are corrected in the second printing. An up-to-date copy can be found at http://www.sundogpublishing.com/AtmosRad/errata2_1.pdf If you find errors not listed here, please send a message describing the error to feedback@sundogpublishing.com.

p. 25, Eq. (2.16): Should appear as $\nabla \cdot \vec{\mathbf{E}}_c = 0$.

p. 166, Eq. (7.22): Should appear as $Q_e \equiv \sigma_e/A$

p. 190, fourth line: $\mu = |\cos \theta|$.

p. 193, Eq. (7.59): A minus sign should appear just inside the first opening square bracket.

p. 209, first line: "...for any $s \neq s'$..."

p. 217, Eq. (8.52): Delete the 2 and the π . Also, the equations referenced just above (8.52) should be (8.29), (5.7), and (8.40).

Throughout: To be consistent with Appendix C, references to GY89 should be to GY95 (Goody and Yung, 1995).

p. 334 The equations on this page are often *thought* to be missing a minus sign in the exponent because the reader overlooks that $\mu_0 < 0$!

p. 349, item 5, second line: the word "proportional" should be replaced with "related."

p. 399, Eq. (13.31): The coefficient A should multiply the term $2(1 - \tilde{\omega})$ in the first line of the equation.

p. 429, Eq. (A.4): The leading coefficient on the right hand side should read $(2l + 1)/2$.