Errata

October 15, 2006

Chapter 2

p. 50, In box 2.2, "Snowball Earth", line 13: Change "low" to "high"

Chapter 3

p. 69, Eq. 3.27 should be

\[ H \equiv \frac{R_d T_v}{g_0} = 29.3 T_v \]

p. 83 In Fig 3.10, the label for B should read \((p, T_d, w(A))\)

Here is the figure with labeling for A and B modified
Chapter 7

p. 290, third line after Eq. (7.31a) delete *isentropic*

Chapter 8

p. 318, Fig 8.5. Color bar was printed in gray shades. Blue shading in the figure denotes ascent and tan shading denotes descent.

Chapter 9

p. 385, the second equation in the left column should be:

\[
\frac{V}{u_*} = 2.5 \ln\left(\frac{z}{z_0} + 8.1 \frac{z}{L}\right)
\]

p.394, Eq. (9.26) should be

\[
\Phi_M = \left[1 - 15\left(\frac{z}{L}\right)\right]^{-1/4}
\]

Chapter 10

p. 423, left line, displayed equation. Printing error. Should read

\[
\frac{dT}{dt} = 239 \text{ W m}^{-2} J \text{ K}^{-1} m^{-2} = 2.39 \times 10^{-5} \text{ K s}^{-1}
\]

p. 436, Right column, line 6; delete "it".

Tables of Constants and Conversions for Atmospheric Science

p.468, missing labels (in order of appearance)

- Mass of the Earth
- Mass of the Earth’s atmosphere
- Mass of the sun