

# Errata

October 15, 2006

## Chapter 2

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

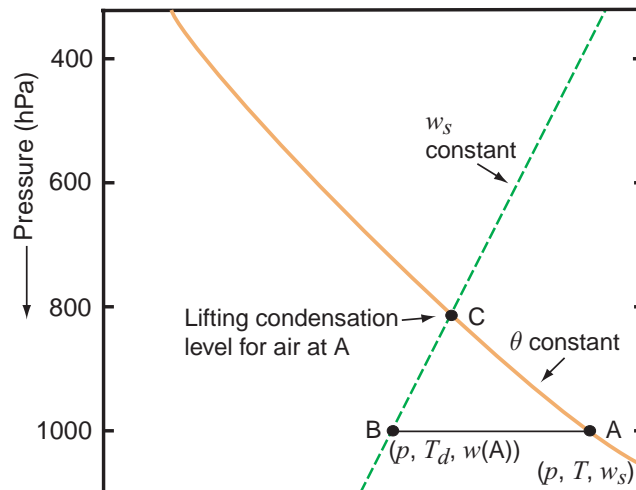
## Chapter 3

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



p. 103 Exercise 3.30:  $\Gamma z$  mistakenly printed as  $\Gamma_z$  in Eq. 3.104 and on the three unlabeled equations between (3.105 and (3.106).

## 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

$$\Phi_M = \left[1 - 15\left(\frac{z}{L}\right)\right]^{-1/4} \quad (9.26)$$

## Chapter 10

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

$$\frac{dT}{dt} = \frac{239 \text{ W m}^{-2}}{10^7 \text{ J K}^{-1} \text{ m}^{-2}} = 2.39 \times 10^{-5} \text{ K s}^{-1}$$

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