

ERRATA

Page (vi) of Preface:

Line 9 should be replaced by:

is by R. Lindzen, who also contributed the last three sections of Chapter 1 and Section 25.7; apart

The last sentence should be replaced by:

The typing assistance of Mrs. D. G. Fisher, Mrs. C. MacBride and Mrs. J. Reiffel is gratefully acknowledged. Further acknowledgements will be found on page 171.

Page 110:

The second line below Equation (21) should begin with δq not δp .

Page 112:

Equation (37) should be

$$\delta T_n = \frac{1}{R} \left\{ \frac{\Omega_n}{H} \frac{dH}{dx} - \frac{\gamma g h_n}{i\sigma} e^{x/2} \left[\frac{\kappa H}{h_n} + \frac{1}{H} \frac{dH}{dx} \left(\frac{d}{dx} + \frac{H}{h_n} - \frac{1}{2} \right) \right] \right. \\ \left. \times Y_n + \frac{\kappa J_n}{i\sigma} \right\}, \quad (37)$$

Page 114:

In Equation (59), $P_m^s(\mu)$ should be $N_m^s(\mu)$.

Page 116:

In Equation (69), K_{s+2} in the third row of the determinant should be K_{s+2}^s .

Page 119:

The footnote should read:

* This step requires the use of the following property of N_n^s (shared by P_n^s and $P_{n,s}$, see pp. 35–7)

$$(1 - \mu^2) \frac{dN_n^s(\mu)}{d\mu} = -\frac{n(n-s+1)}{2n+1} N_n^{s+1} + \frac{(n+1)(n+s)}{2n+1} N_n^{s-1} \quad (94)$$

Page 132:

In Equation (147), $\Theta^{6,s}$ should be $\Theta_6^{s,s}$.

Page 138:

On the thirteenth line from the bottom (excluding the footnote)
(twice the rotation rate 2π)

should be

$$\pi (\text{rotation rate})^{-1}.$$

Page 182:

The reference to Harris and Priester should be

Harris, I. and Priester, W.: 1965, 'On the Diurnal Variation of the Upper Atmosphere', *J. Atmospheric Sci.* **22**, 3–10.

Page 184:

The reference to Lindzen (1968b) should be

Lindzen, R. S.: 1968b, 'Vertically Propagating Waves in an Atmosphere with Newtonian Cooling Inversely Proportional to Density', *Can. J. Phys.* **46**, 1835–40.

Page 185:

The reference to Martyn and Pulley should be

Martyn, D. F. and Pulley, O. O.: 1936, 'The Temperature and Constituents of the Upper Atmosphere', *Proc. Roy. Soc.* **A154**, 455–86.