ATMS 545 Course Notes Errata

Chapter 1

p. 8 (1) ..... under adiabatic and frictionless flow

in eq. (5) on p. 9 the environmental lapse rate $\Gamma$ should have an overbar.

on p. 10, the units of both $A$ and $K$ should be J m$^{-2}$; i.e., joules per square meter

on p. 13, eq. (9) The terms in parentheses should be reversed; i.e., it should read $\Gamma_d - \Gamma$
so that the sign is positive if the stratification is stable

on p. 13 the character that is blacked out is $\omega$.

p. 14, last two lines: should read “Combining (1.8) and (1.13)....”

Chapter 2

p. 2 last line of longest paragraph: change vertical to zonal

equation before (2.2) change $p_0$ on upper limit of integral to $[p_3]$

p. 2, eq. (2.3): delete the $dp$ in the first term