

Addendum Items and Notes for Chapter 12

Eq. 12.6. One component of the Coriolis force was not included in the derivation in Chapter 6. This component appears in Eq. 12.6, which is correct. Please refer to the addendum items for Ch. 6.

Eq. 12.11

The $\frac{\partial(\rho q)}{\partial t}$ and $-v \cdot \nabla(\rho q)$ terms should be enclosed by angled brackets indicating the vertical integral (as in Eq. 9.9):

$$\left\langle \frac{\partial(\rho q)}{\partial t} \right\rangle = \left\langle -v \cdot \nabla(\rho q) \right\rangle + E - P \quad (12.11)$$