



- $\alpha_{eff} = \alpha_{eq}$
- $\alpha_{eff}$  increased by 10 %

Rain evaporation is 25 % of surface evaporation

- $\alpha_{evap} = \alpha_{eq}$
- $\alpha_{evap} = 1/\alpha_{eq}$

Water vapor flux by horizontal advection is 25% of surface evaporation

- $\beta = \alpha_{eq}$
- $\beta = 1/\alpha_{eq}$