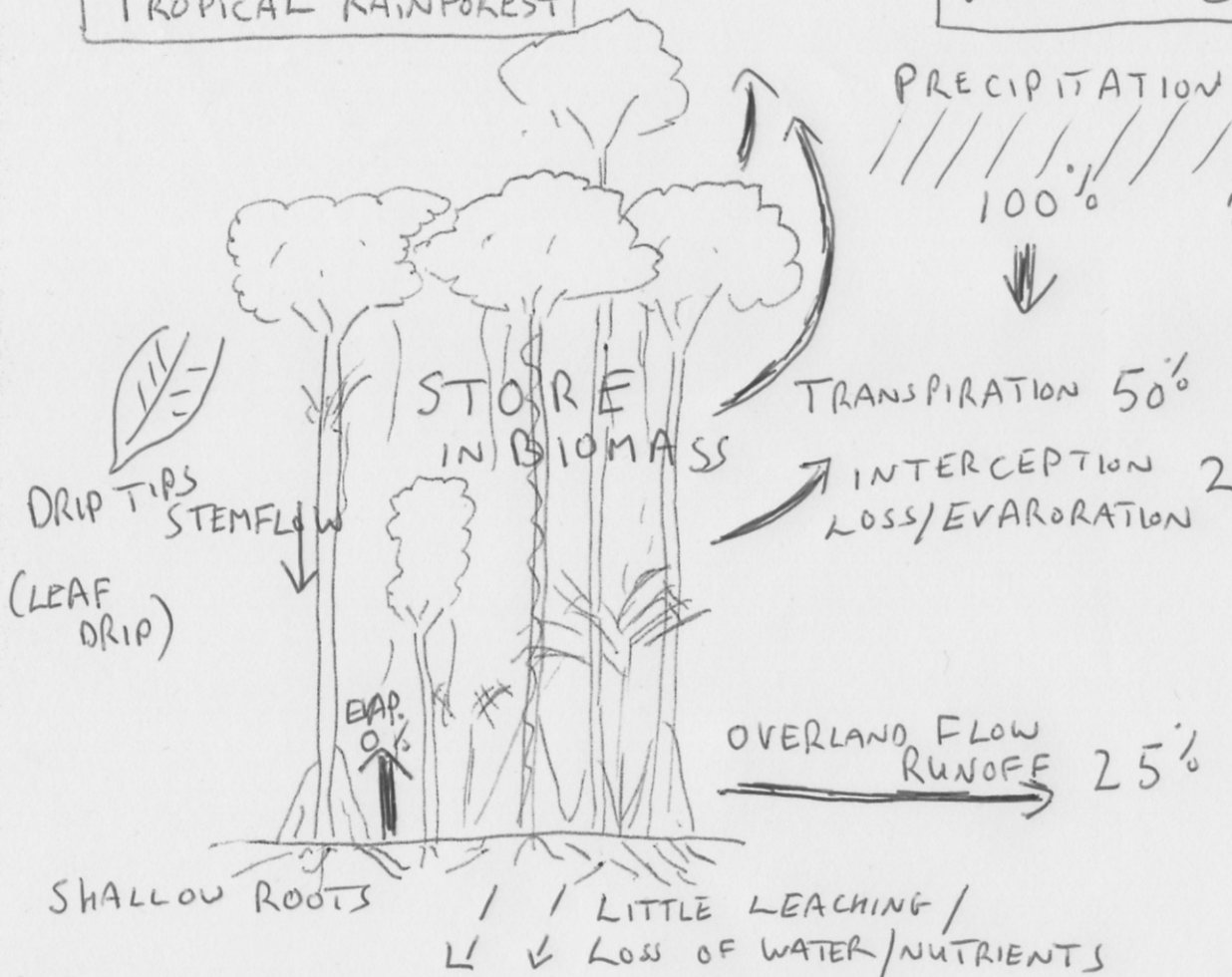


TROPICAL RAINFOREST

WATER CYCLE



75% RETURNED/ RECYCLED  
ALMOST A SELF-CONTAINED CYCLE

DEFORESTATION

- System more open.
- Less interception, less interception loss
- Less transpiration, less evaporation
- Soil compacted by raindrops
- more overland flow/run off, more water lost to forest micro-cycle
- soil destruction, soil erosion

∴ LESS RAINFALL - 20% less. as recycling of water reduces + greater rainfall variability ∴ Changes Climate and water balance/budget.

Less vegetation = increase albedo, = less convection, less cloud formation, less rain = feed back.

RAPID DECOMPOSITION AND RECYCLING OF WATER AND NUTRIENTS

ALMOST LEAK FREE

Importance of water in weathering, decomposition and nutrient recycling