



# Model Validation (Is it reasonable)

- Compare model results to simple thought experiments
- Similar to testing: conservation of mass, energy, behaviors under known conditions (zero rain = zero streamflow; zero CO<sub>2</sub> change = zero T change)?
- Are the values for outputs physically reasonable (e.g. snowpack  $> 0$ , reservoir storage  $<$  reservoir)

# Validation (is it accurate?)

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Compare model results to observations  
(either local or non-local)

**How good is good enough?**