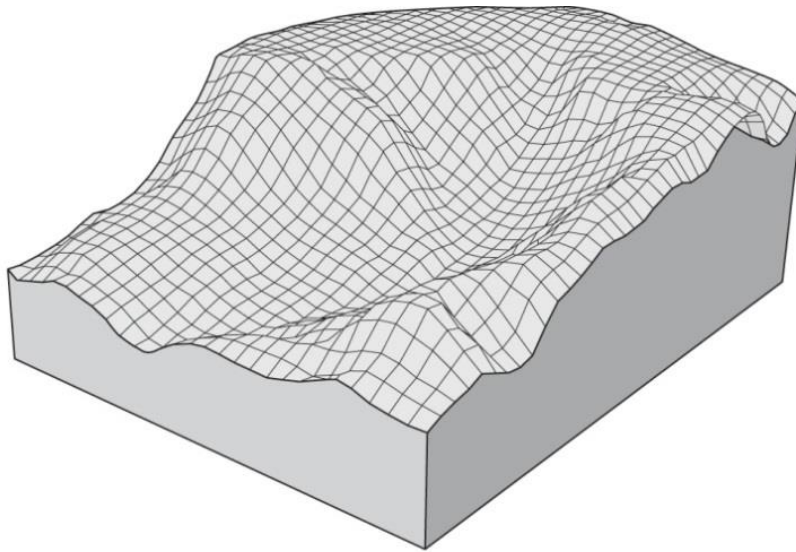# Water balance

Area shown: 2.66 km^2
Altitude range: 268–421 m
View is from the NW
29 (WE) × (NS) point altitude matrix
Vertical exaggeration: 4×

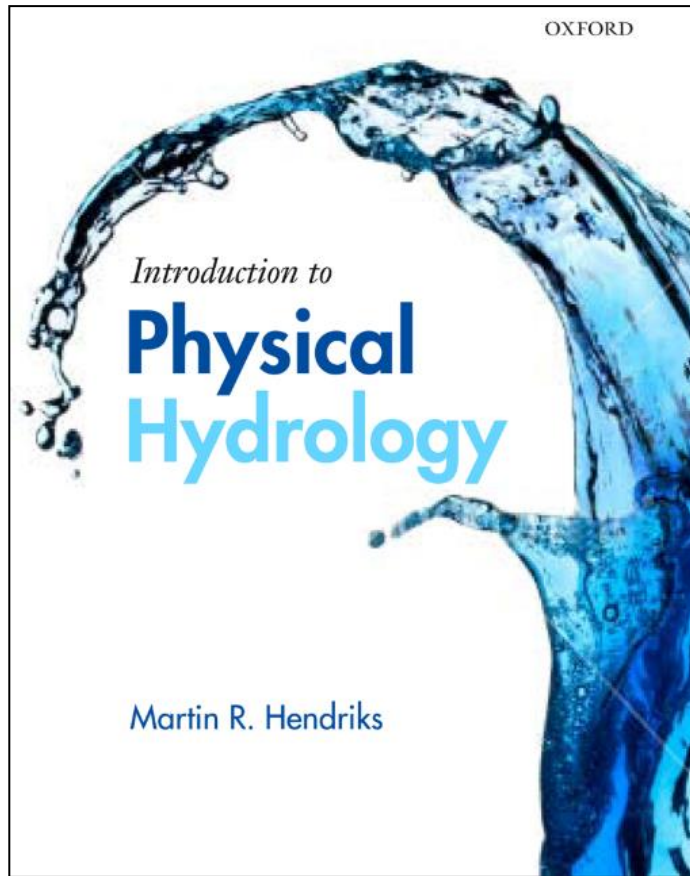*Inflow = Outflow + Change in Storage*

$$In = Out + \frac{\Delta S}{\Delta t}$$

$$\frac{\Delta S}{\Delta t} > 0, \text{ or } \frac{\Delta S}{\Delta t} < 0, \text{ or } \frac{\Delta S}{\Delta t} = 0$$

$$P = Q + E_a + \frac{\Delta S}{\Delta t}$$

- Strictly defined area or drainage basin
- Strictly defined period of time
- Fixed units of measurement

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https://www.youtube.com/user/MartinRHendriks/videos