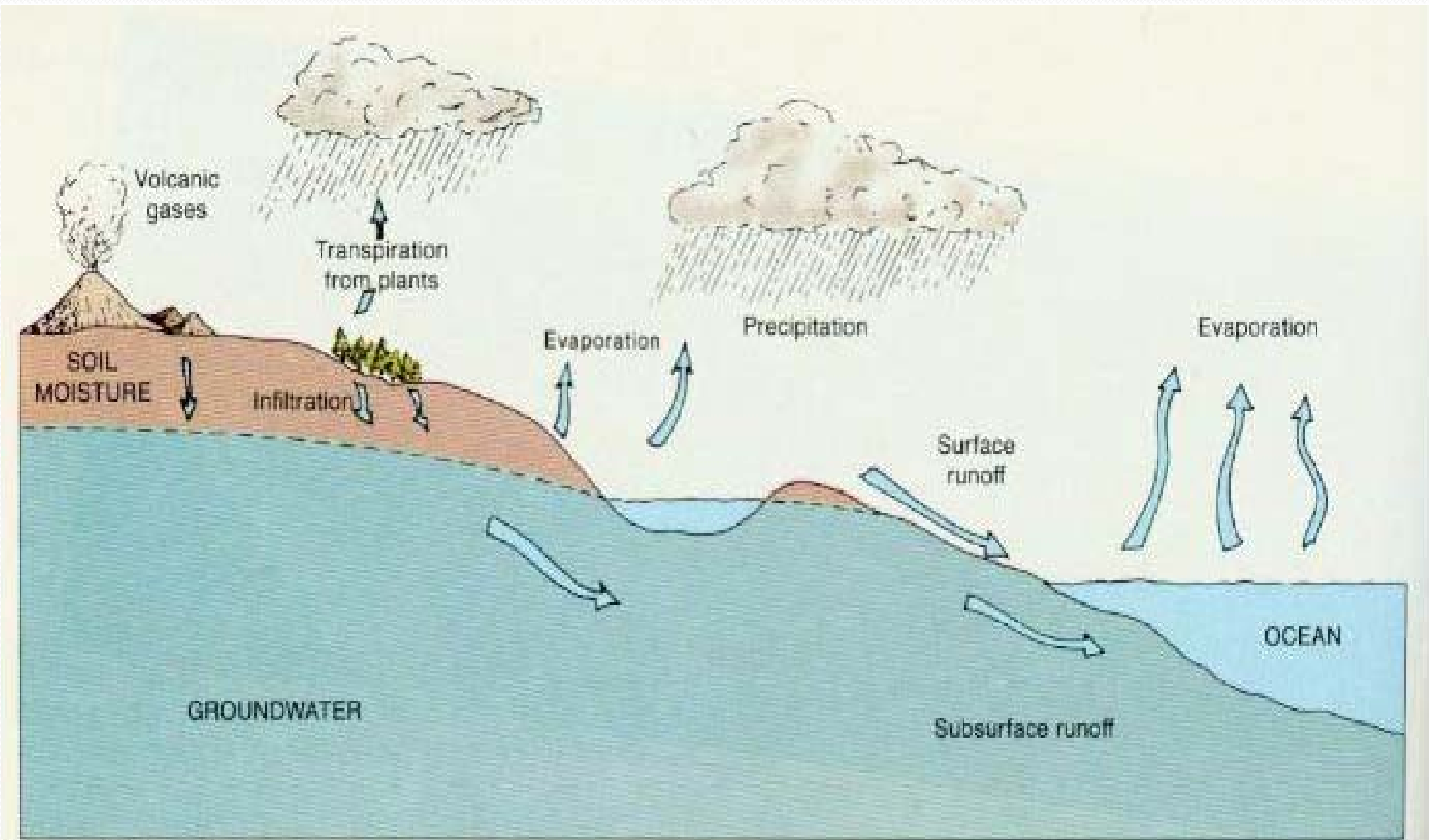
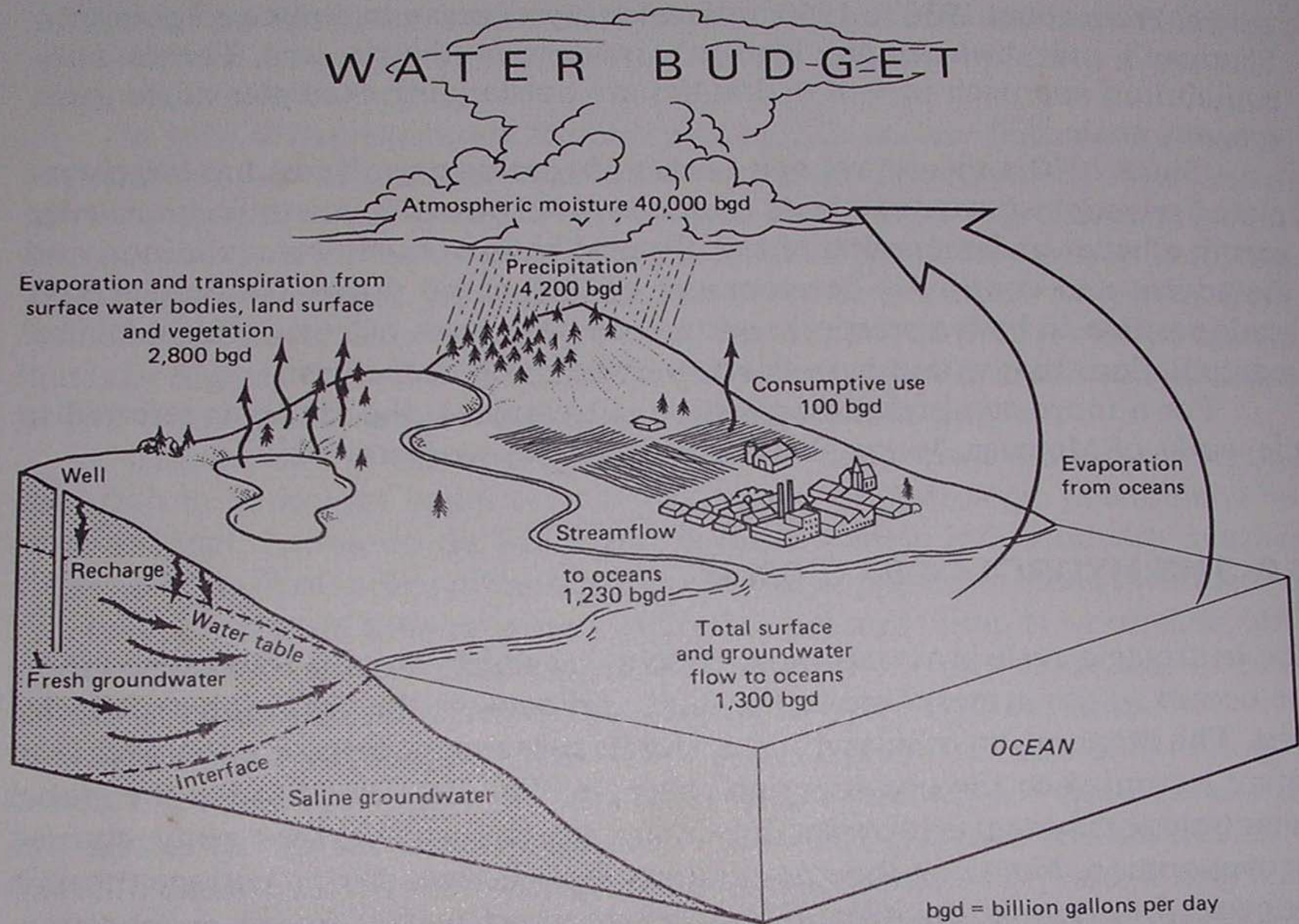


# SIKLUS HIDROLOGI

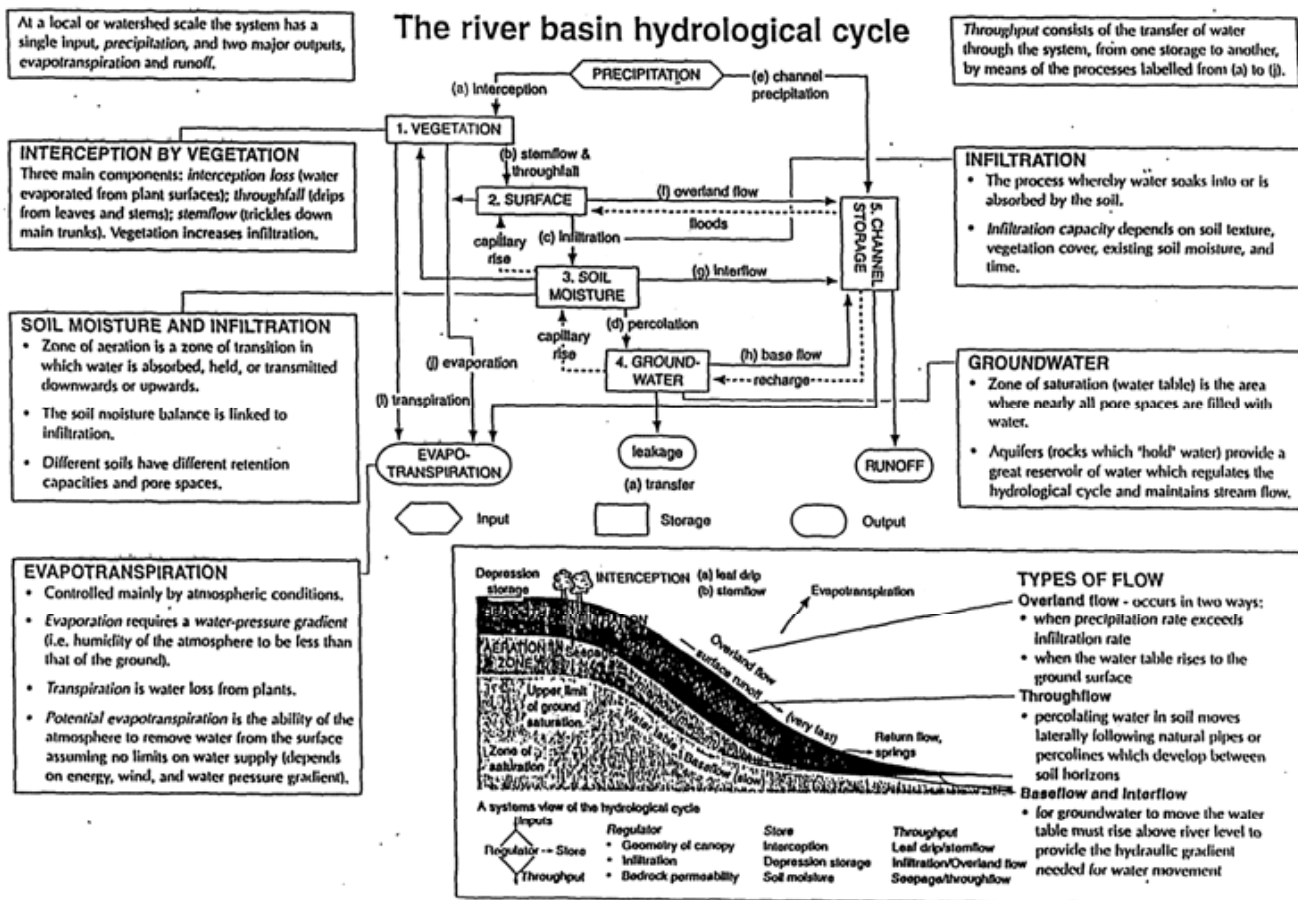


**Figure 13.1** The hydrologic cycle.



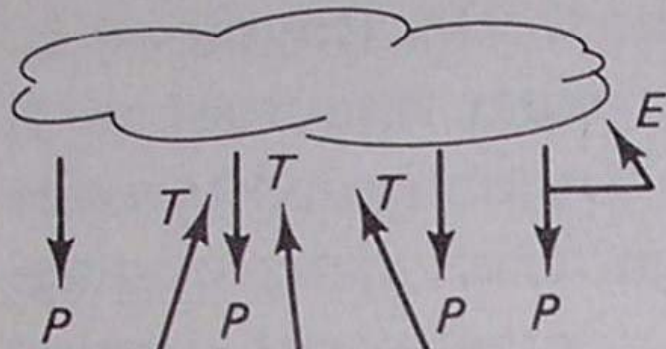
**Figure 1.1** Hydrologic budget of coterminous United States. (U.S. Geological Survey.)

# Skema daur hidrologi

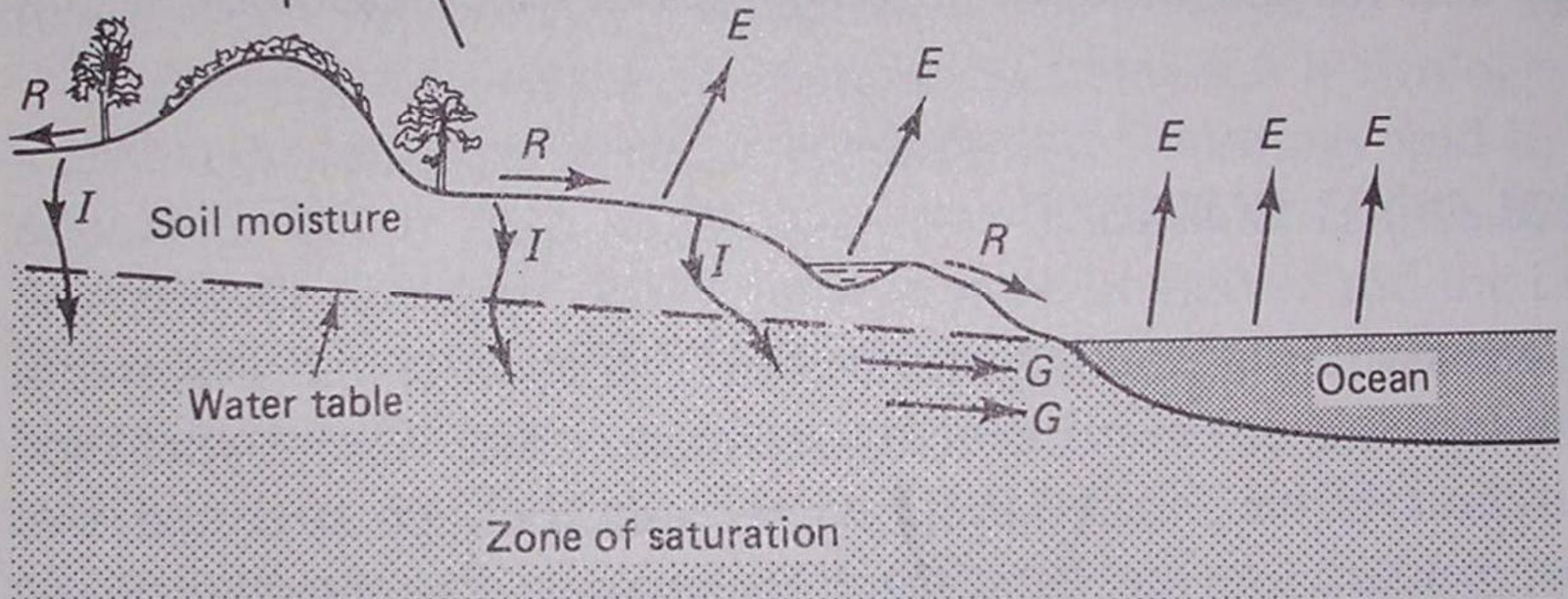
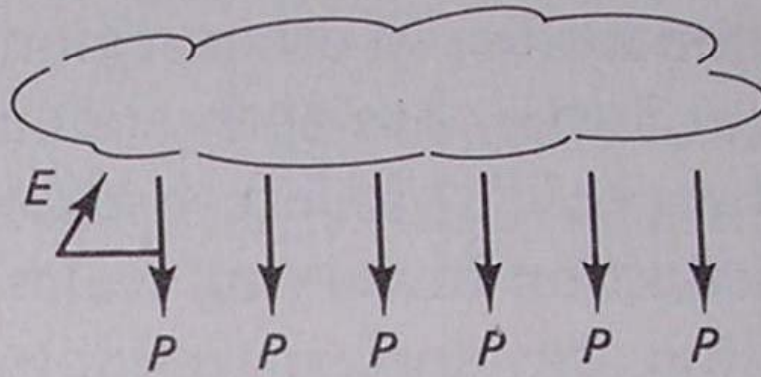




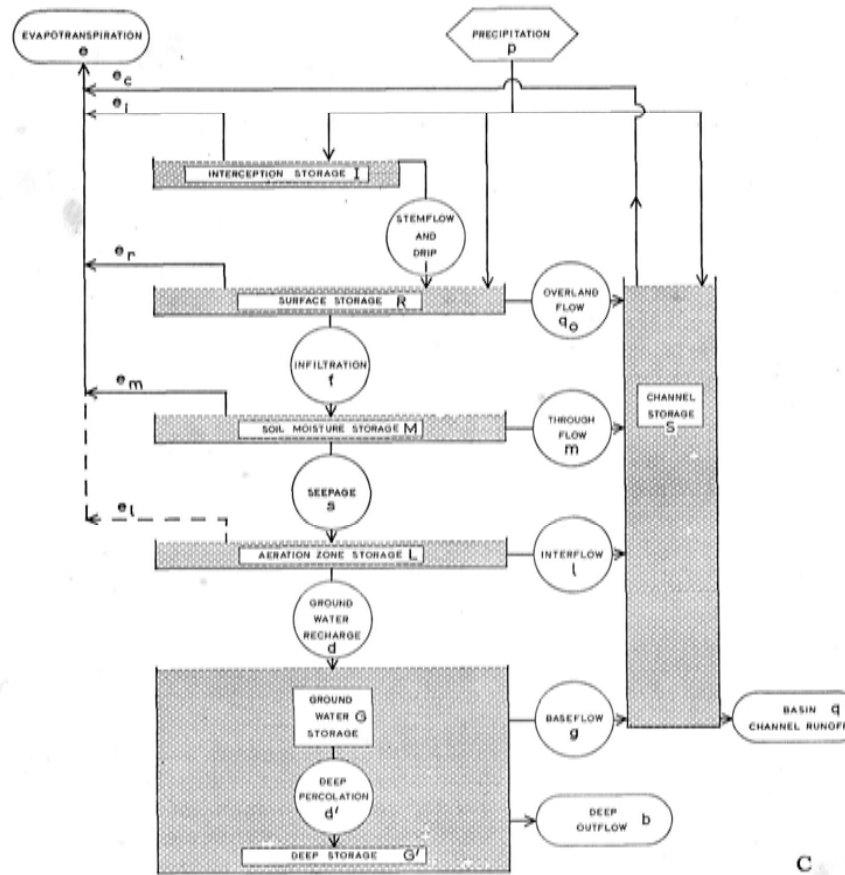
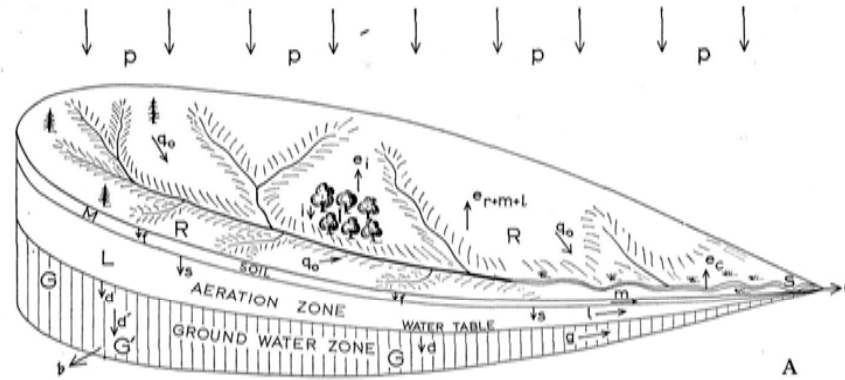
Clouds and water vapor

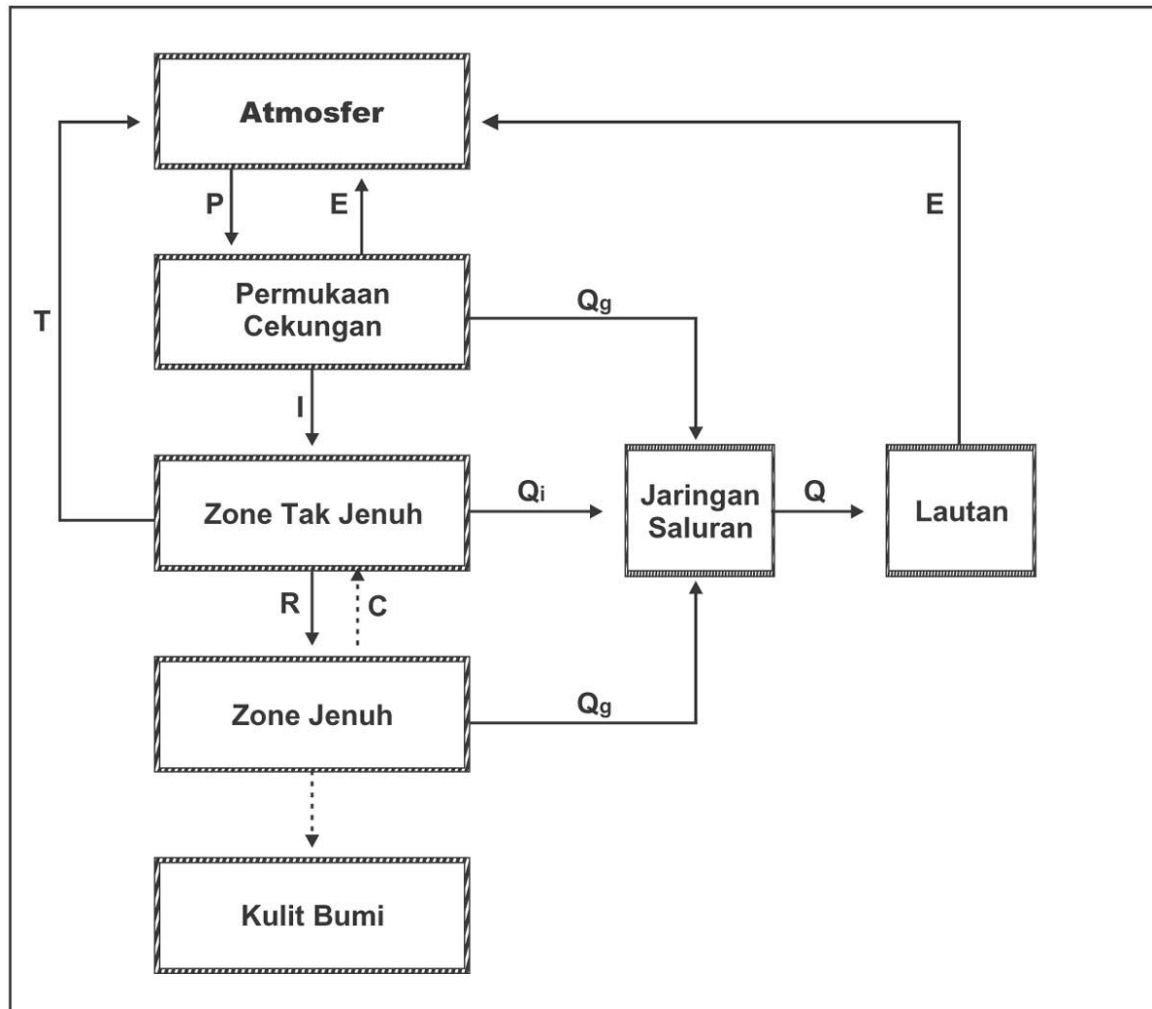


Clouds and water vapor



# DIAGRAM ALIR DAUR HIDROLOGI DAS





KET :

P = Presipitasi

E = Evaporasi

T = Evapotranspirasi

I = Infiltrasi

R = Perkolasi

C = Kapilaritas

Q<sub>g</sub> = Aliran Airtanah

Q<sub>i</sub> = Debit aliran masukan

Q = Aliran permukaan

## Rumus umum neraca air das

$$P = R_o + E_a \pm \Delta S$$

- Keterangan:
- $P$  = presipitasi jatuh di DAS
- $E_a$  = evapotranspirasi aktual
- $Q$  = runoff keluar DAS di outlet =  $R_o$
- $\Delta S$  = perubahan simpanan air.