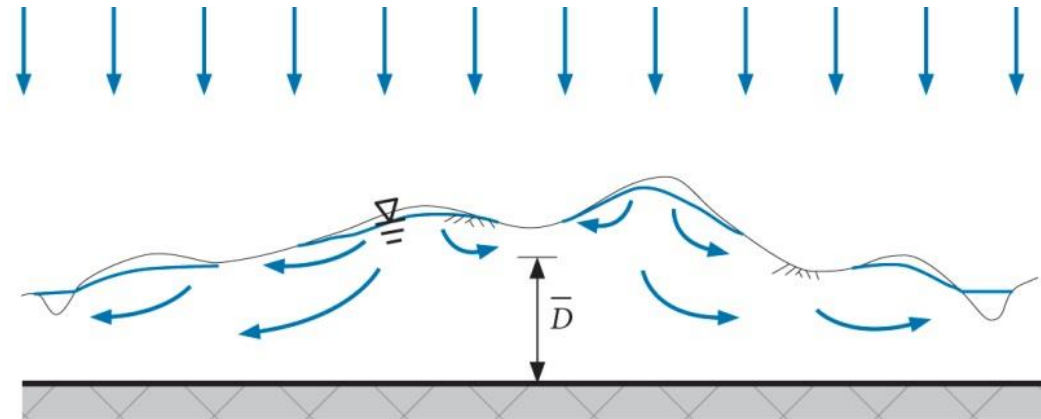


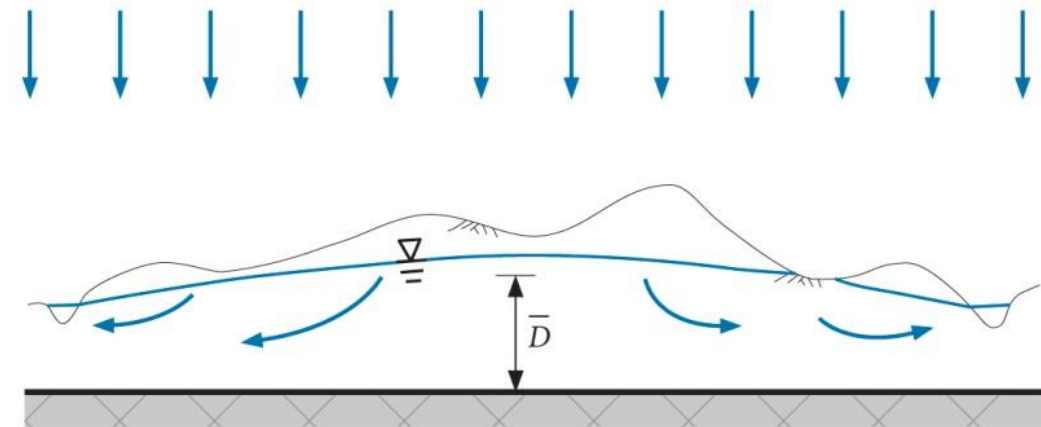
Groundwater flow regimes

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



(a)

topography-controlled water table



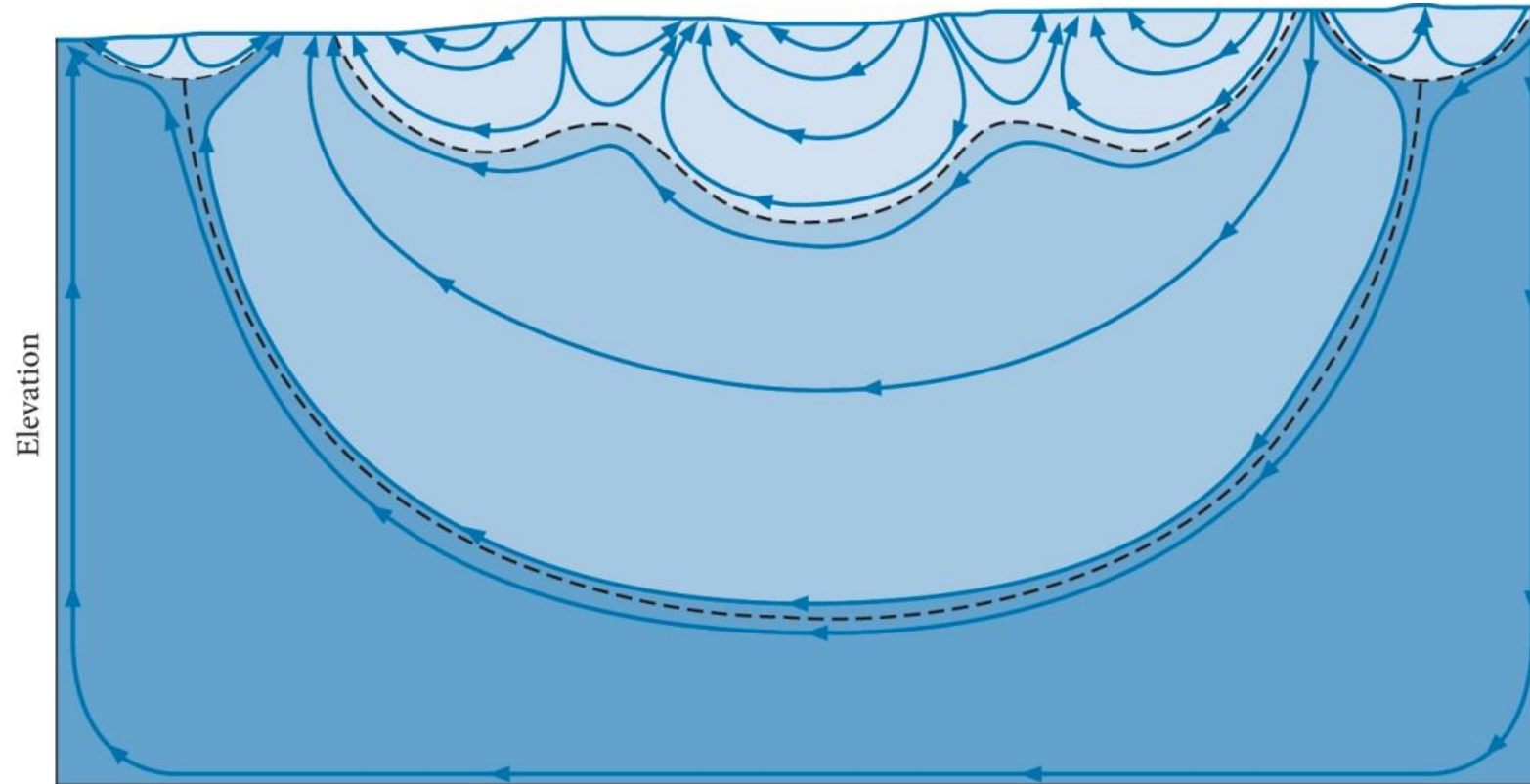
(b)

recharge-controlled water table

Adapted from Haitjema (1995)

Groundwater flow systems

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



Groundwater flow systems:

Regional

Intermediate

Local

Direction of flow

--- Boundary between different groundwater flow systems

After Tóth (1963)



References

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

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Hendriks, M.R. (2010). Introduction to Physical Hydrology. Oxford University Press.

Tóth, J. (1963). A theoretical analysis of groundwater flow in small drainage basins. Journal of Geophysical Research 68(16), 4795-4812.