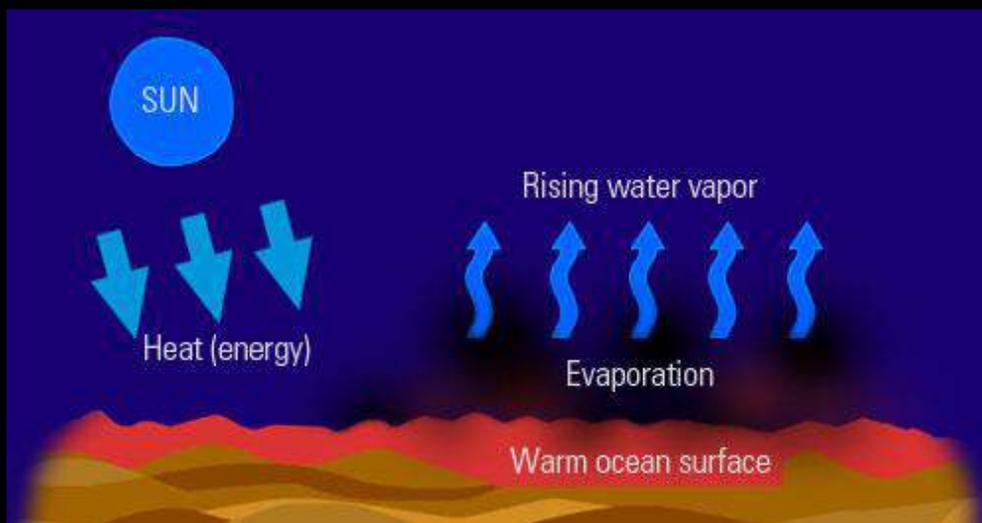


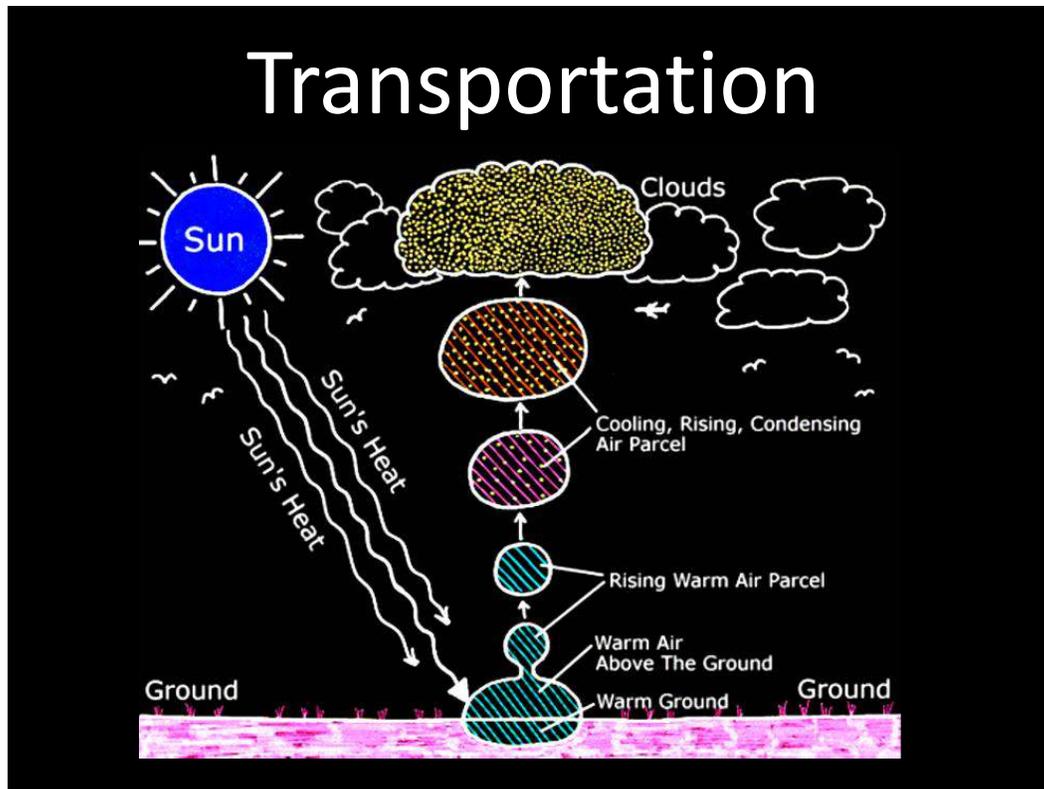
These Slides Accompany the YouTube Video Tutorial:
<https://www.youtube.com/watch?v=A7Bna43kQvg>

Hydrological Cycle

Evaporation



These Slides Accompany the YouTube Video Tutorial:
<https://www.youtube.com/watch?v=A7Bna43kQvg>



Sublimation and Deposition

Evaporation = Liquid \rightarrow Gas

Condensation = Gas \rightarrow Liquid

Melting = Solid \rightarrow Liquid

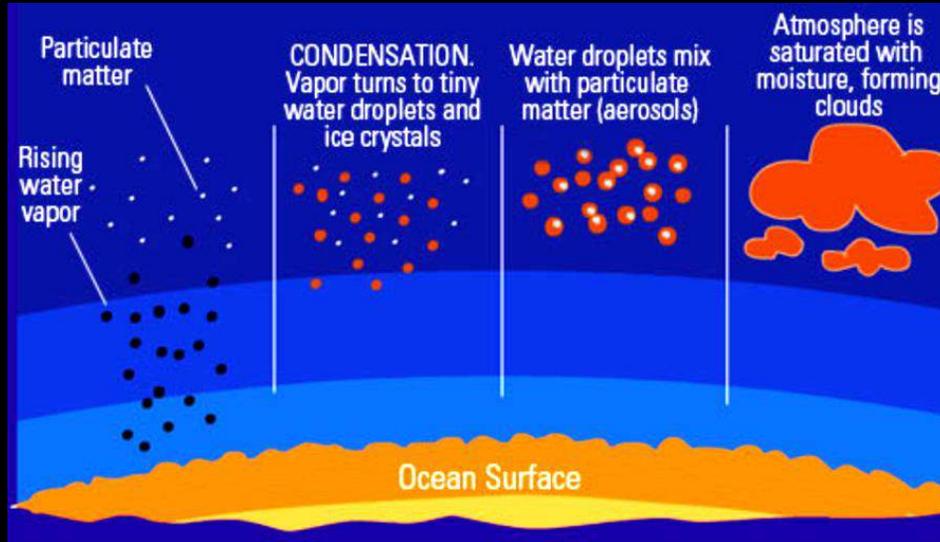
Freezing = Liquid \rightarrow Solid

Sublimation = Solid \rightarrow Gas

Deposition = Gas \rightarrow Solid

These Slides Accompany the YouTube Video Tutorial:
<https://www.youtube.com/watch?v=A7Bna43kQvg>

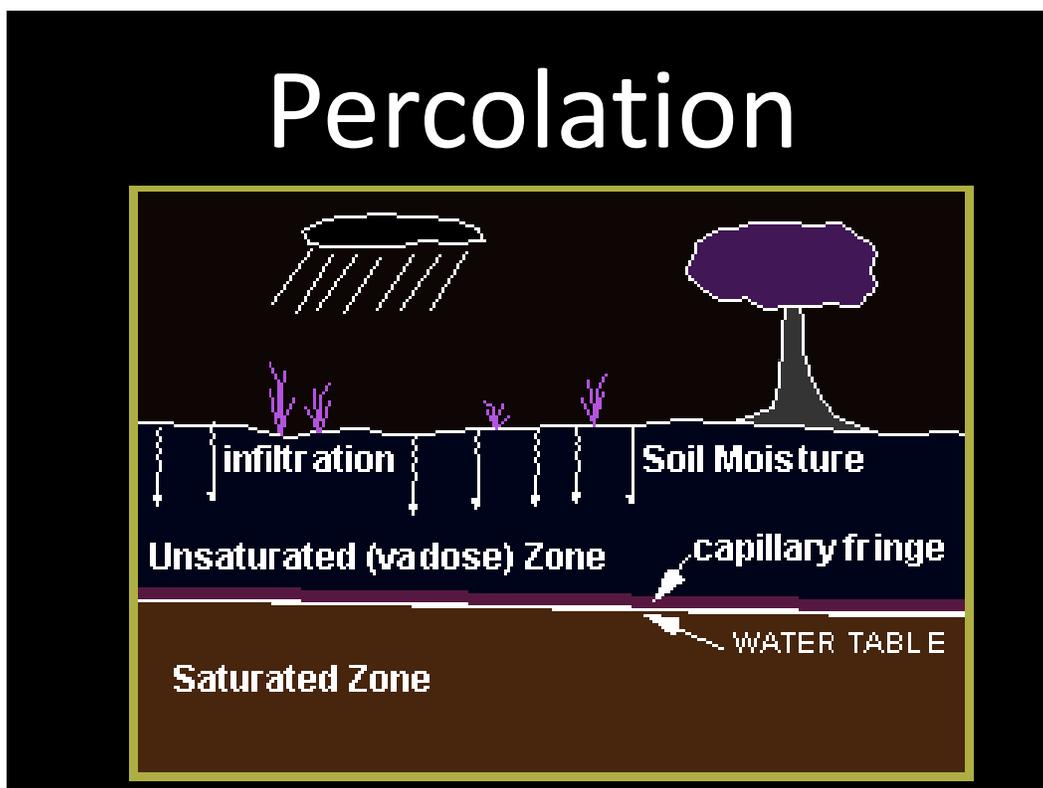
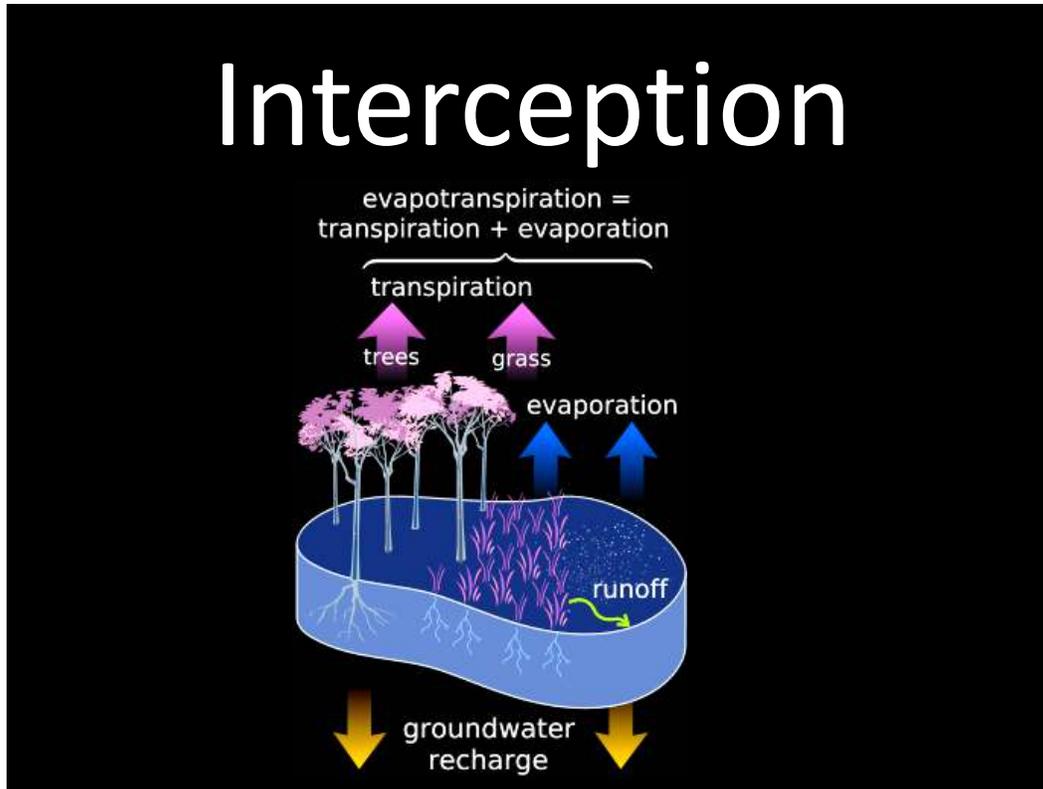
Condensation



Precipitation

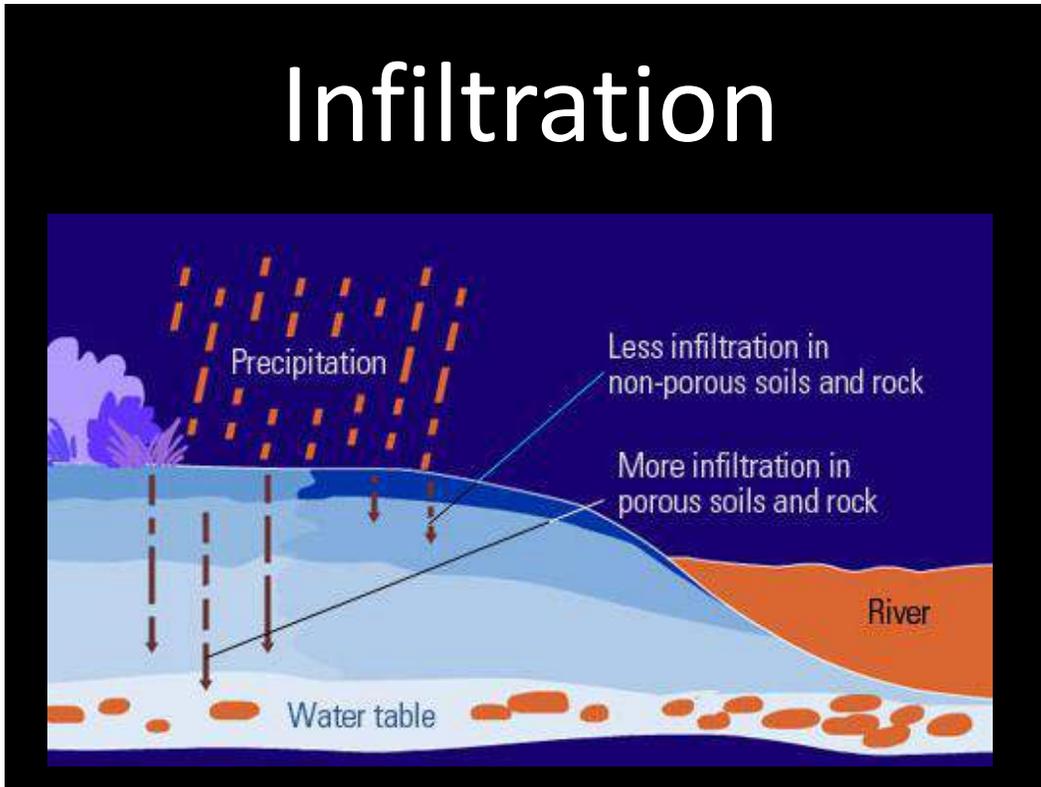


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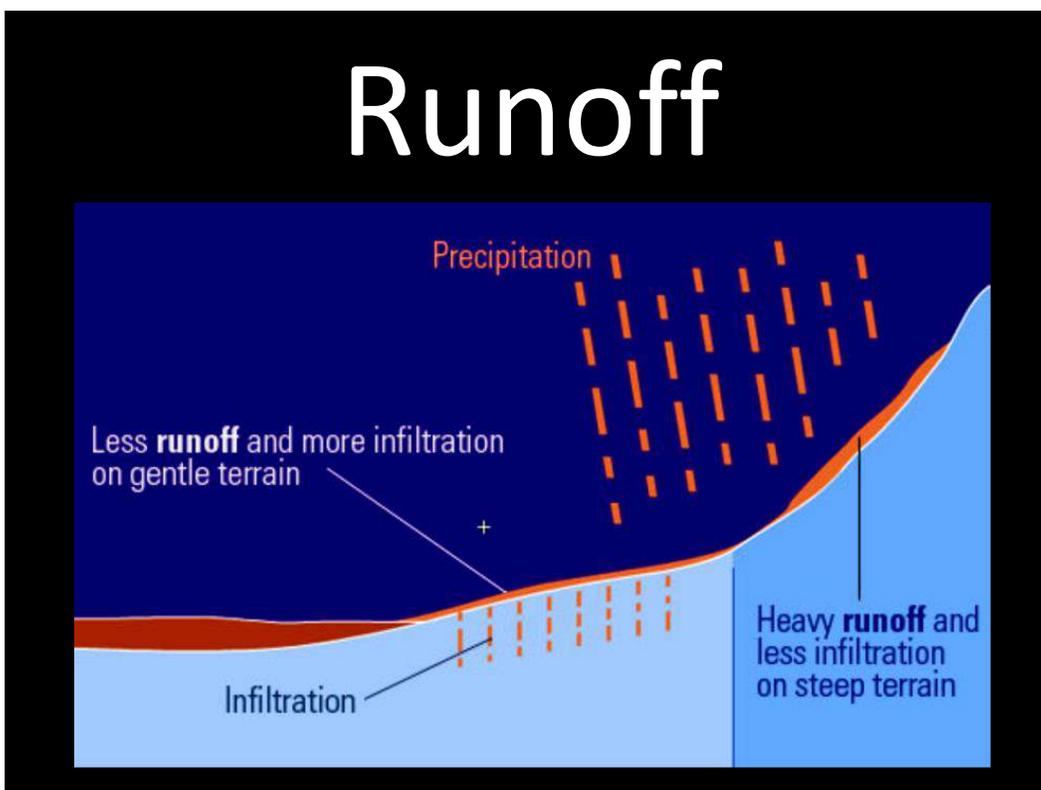


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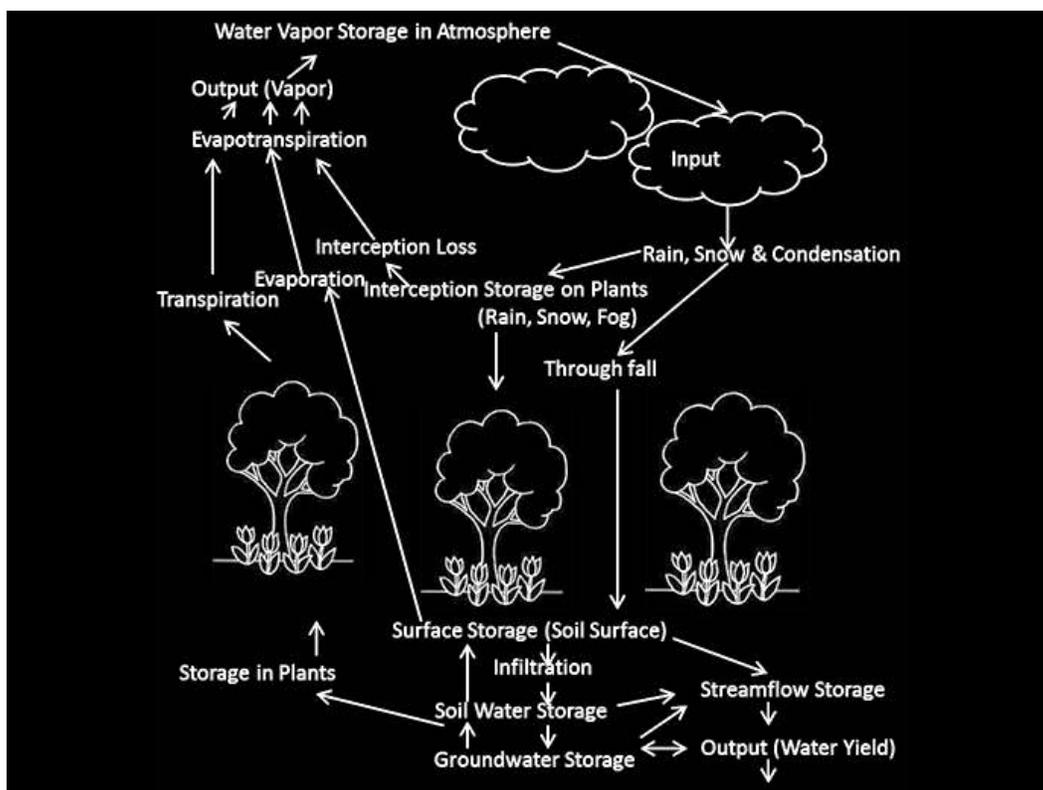
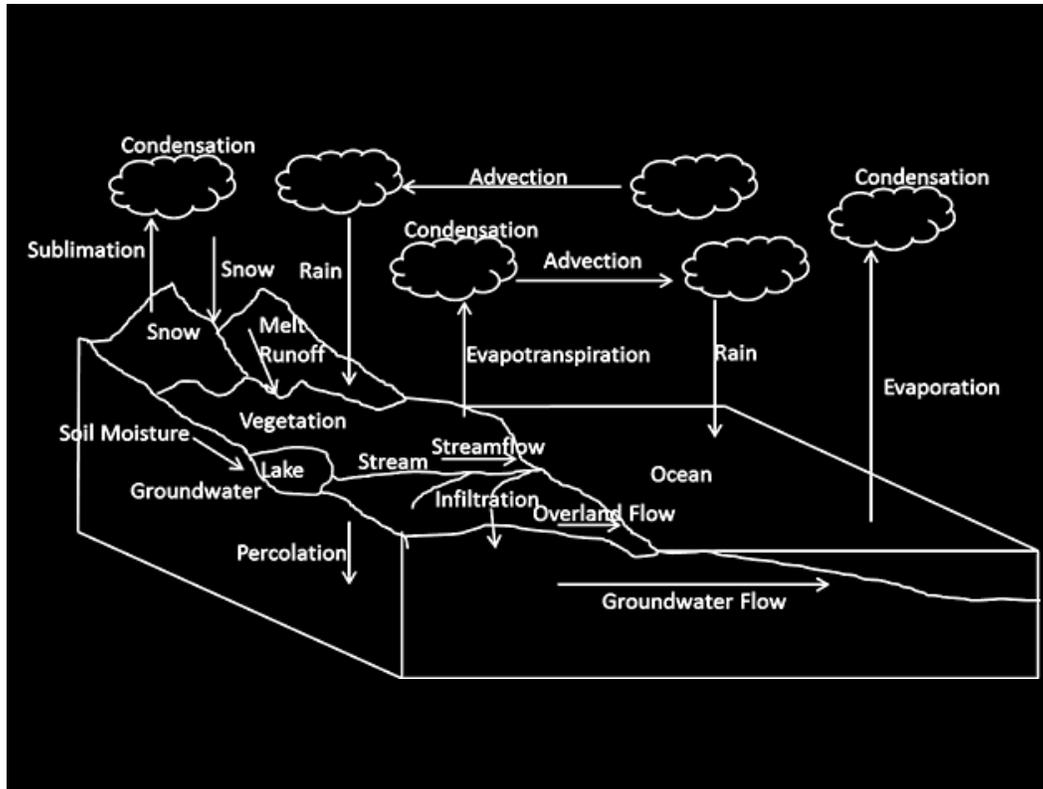
Infiltration



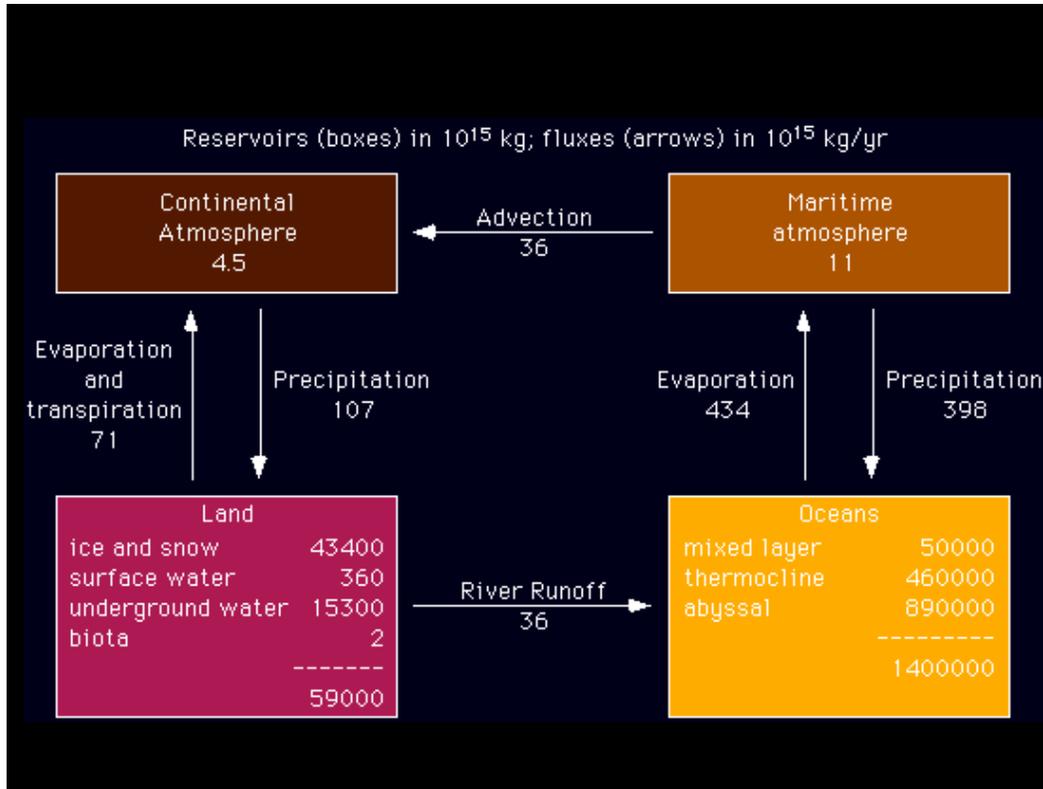
Runoff



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<https://www.youtube.com/watch?v=A7Bna43kQvg>

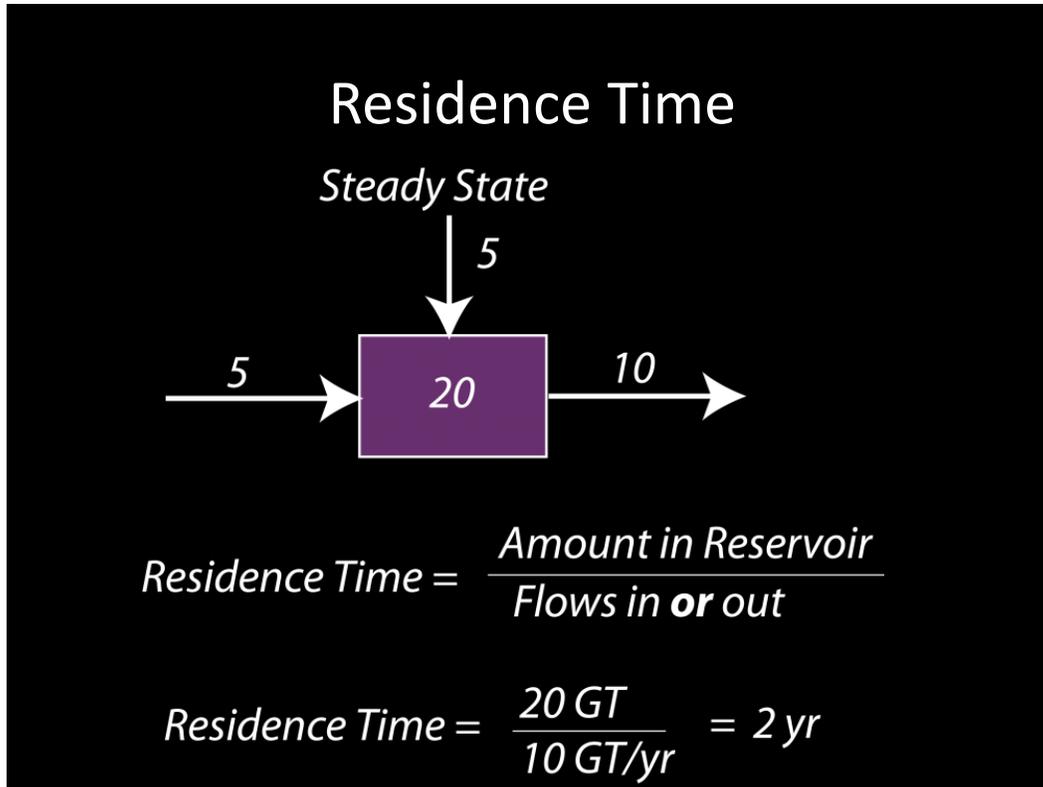


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Reservoir	Volume (1,000,000 km ³)	Percent of Total
Oceans	1370	97.25
Ice Caps & Glaciers	29	2.05
Groundwater	9.5	0.68
Lakes	0.125	0.01
Soil Moisture	0.065	0.005
Atmosphere	0.013	0.001
Streams & Rivers	0.0017	0.0001
Biosphere	0.0006	0.00004

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Reservoir	Average Residence Time
Atmosphere	8 days
Soil Moisture	1 to 2 months
Rivers	Week to 6 months
Seasonal Snow Cover	2 to 6 months
Glaciers	20 to 100 years
Lakes	50 to 100 years
Groundwater: Shallow	100 to 200 years
Groundwater: Deep	10,000 years

Examrace