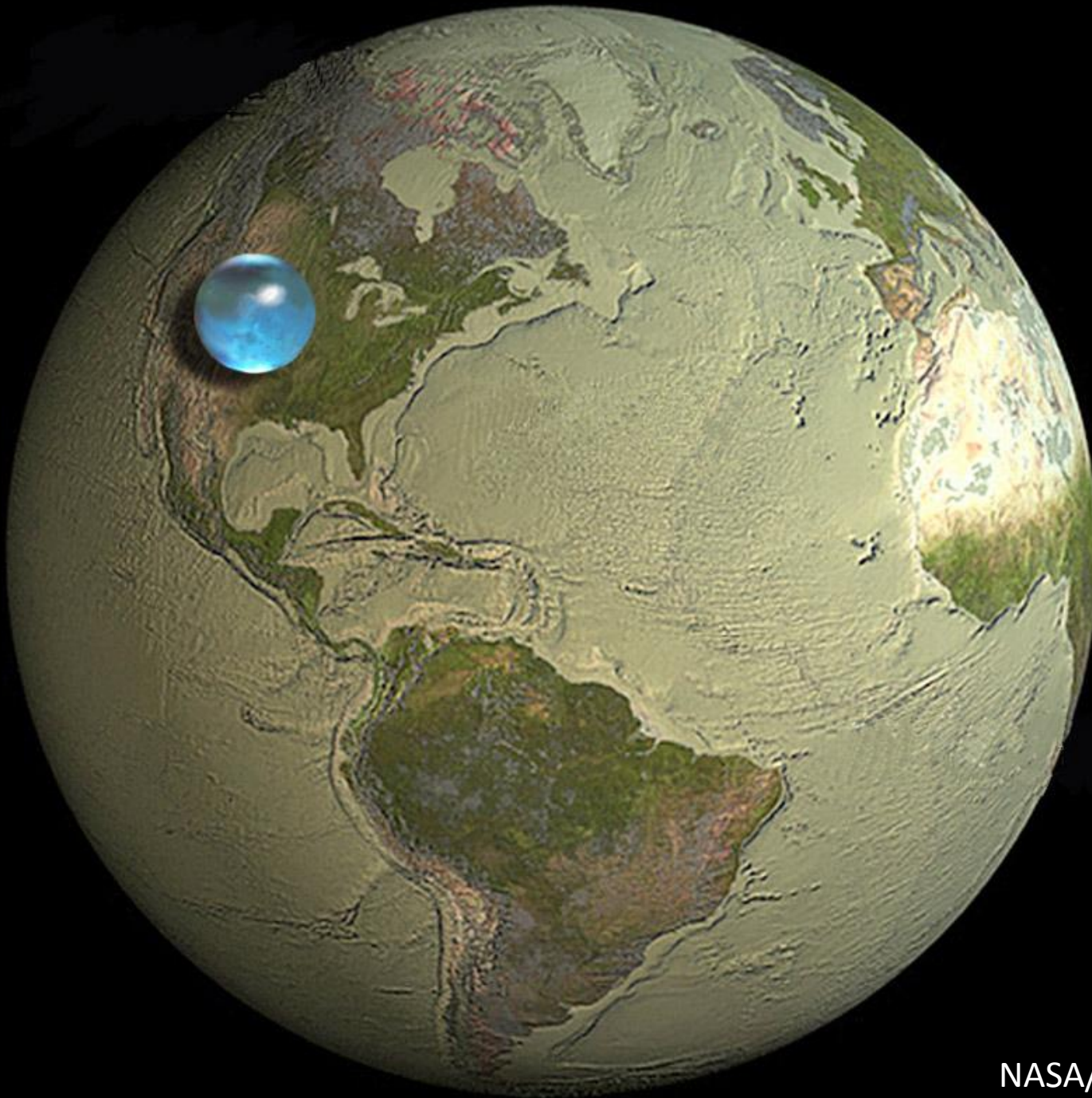


# Water on Earth



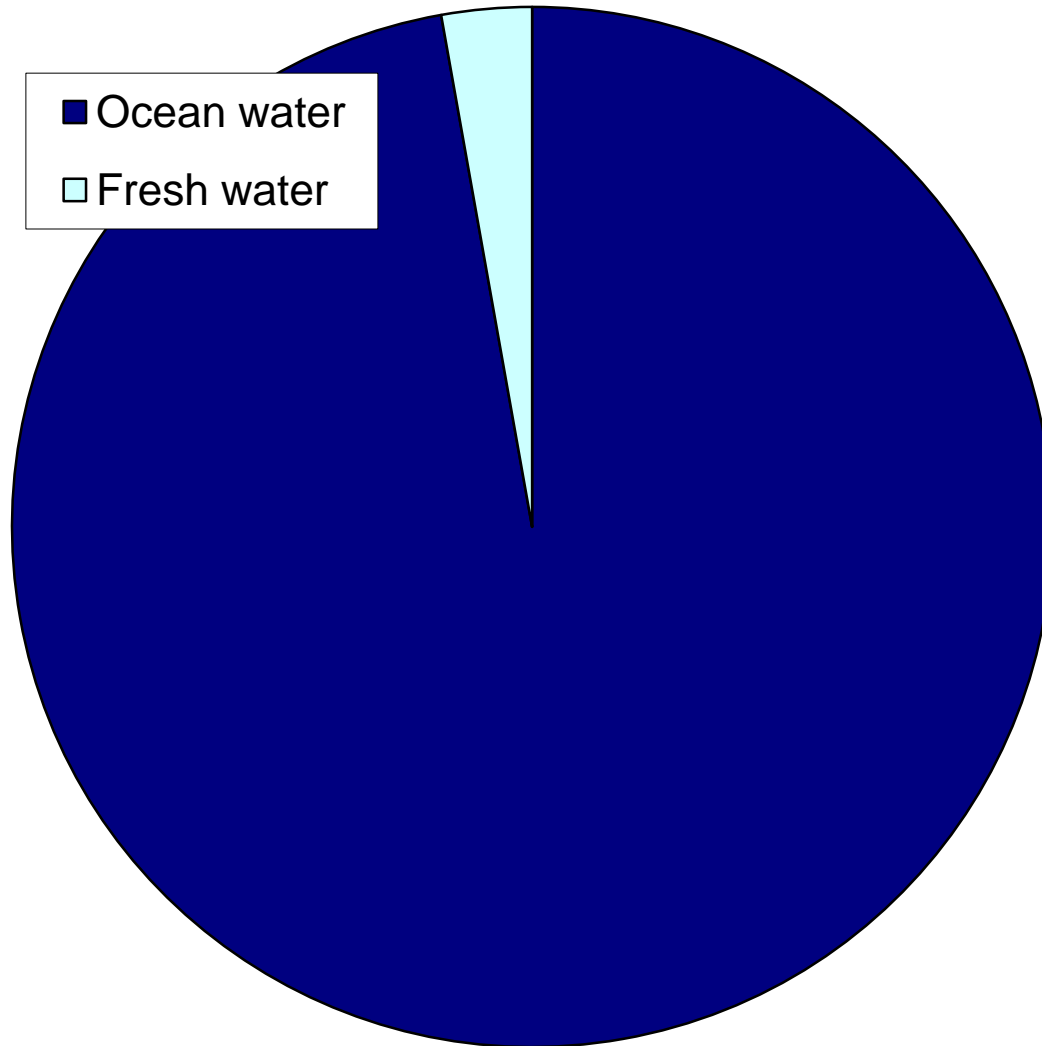
0.023% of the  
Earth's mass



NASA/Woods Hole

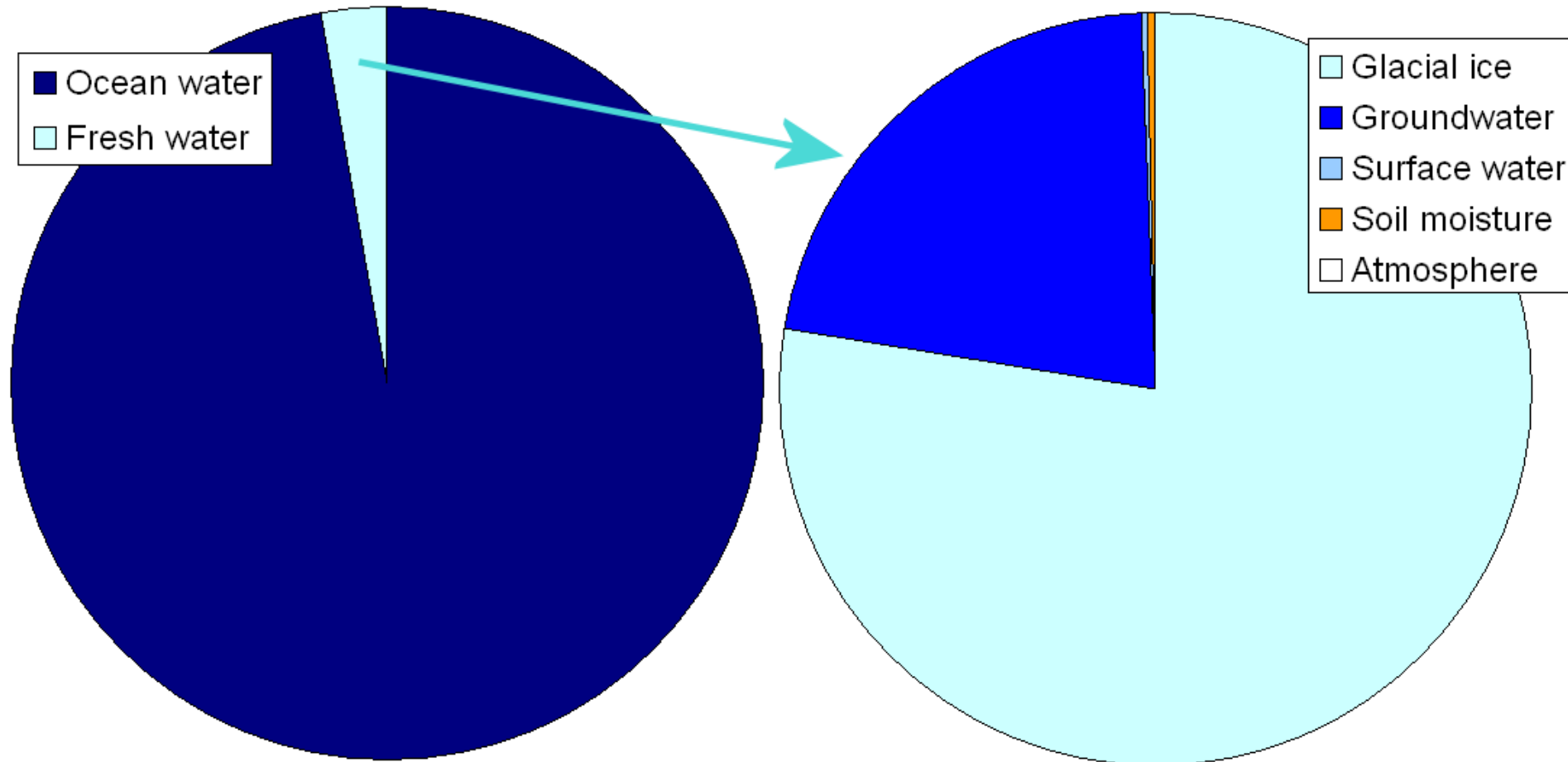
	km <sup>3</sup>	%		ml
Ocean water	1,300,000,000 *	97.2		972
Fresh water	37,448,560	2.8		28

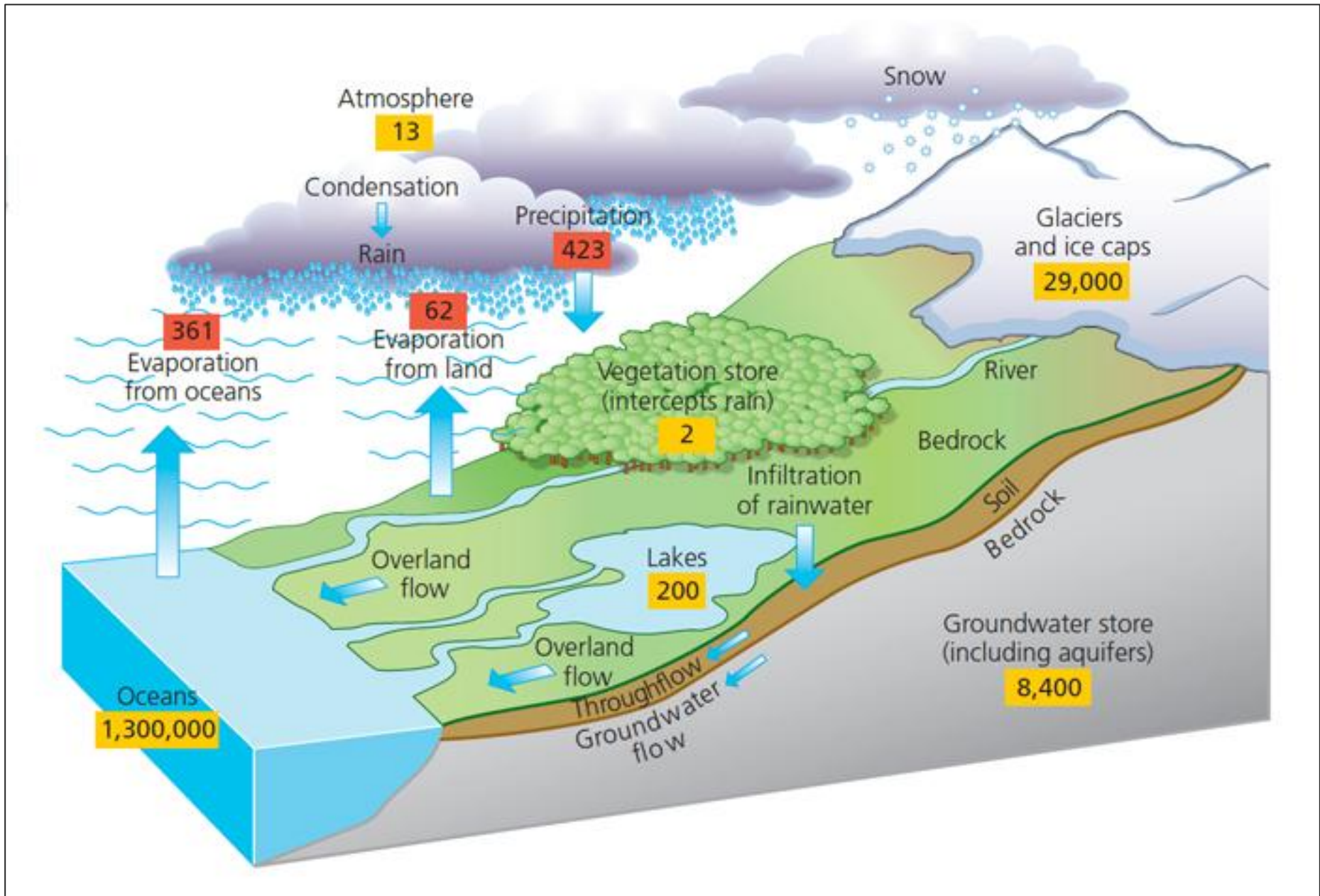
\* 0.023% of the Earth's mass



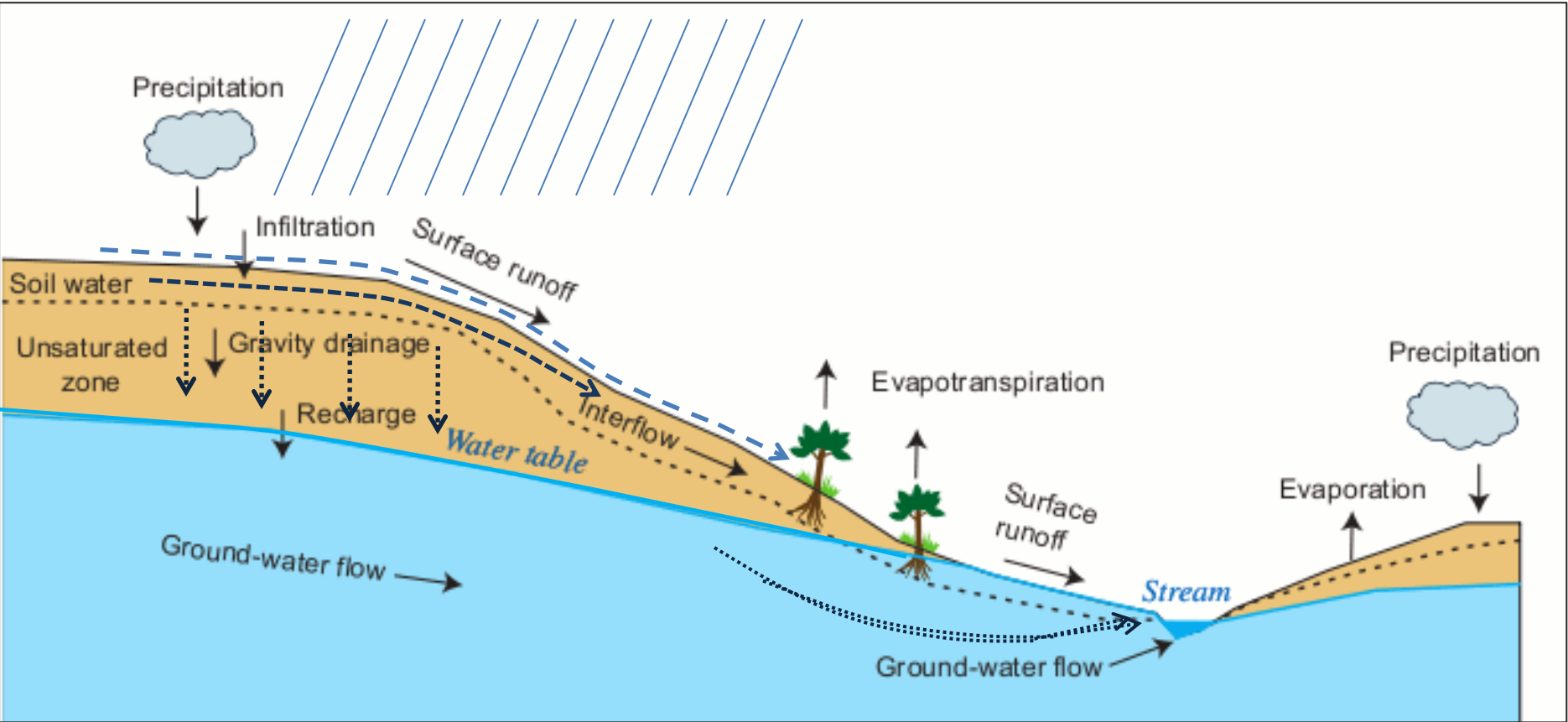
	km <sup>3</sup>	%		ml
Ocean water	1,300,000,000 *	97.2		972
Fresh water	37,448,560	2.8		28
Glacial ice	28,621,399	2.14		21.4
Groundwater	8,158,436	0.61		6.1
Surface water	120,370	0.009		0.09
Soil moisture	66,872	0.005		0.05
Atmosphere	13,374	0.001		0.01

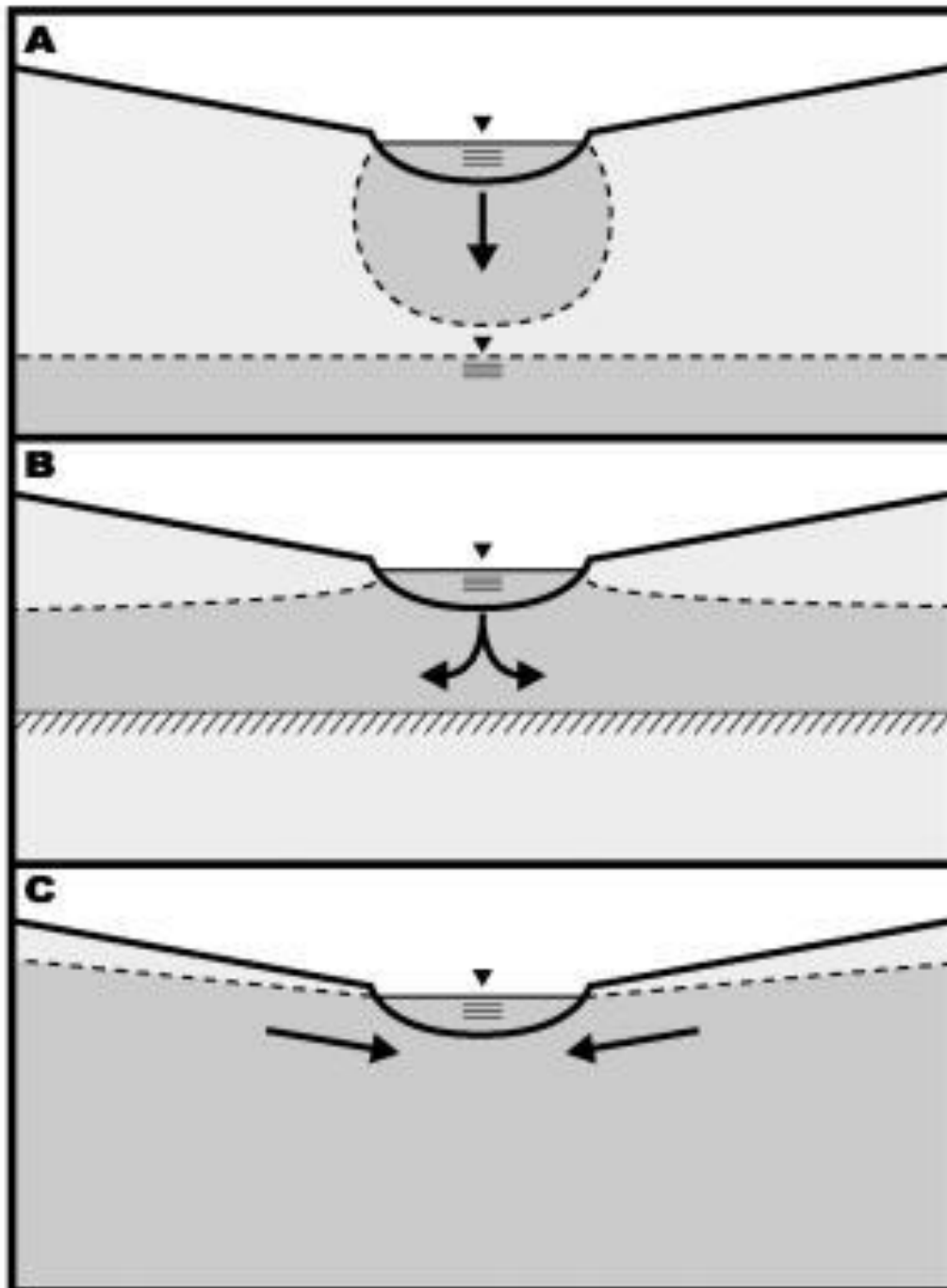
\* 0.023% of the Earth's mass





Reservoir volumes are in thousands of km<sup>3</sup>





## Relationships between groundwater and surface water runoff

A) Water-table well below surface: groundwater recharged by stream water, with little to no lateral spreading of shallow groundwater outside of the active floodway.

B) Water table near to surface, but below stream level: groundwater recharged by stream water.

C) Water table above stream level: stream recharged by groundwater.

after: [stream.fs.fed.us](http://stream.fs.fed.us)