



Volume of water sto	red in the water	cycle's reservoirs
---------------------	------------------	--------------------

Reservoir	Volume of water (10 ⁶ km ³)	Percent of total
Ocean	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

Water is a renewable resource when used sustainably. But in many places, it is not used carefully. As a result, lakes, rivers and oceans around the world are **polluted**, over-used and even dried up.

Of all the water in the world, 97 per cent is in the oceans, so our freshwater needs must be met from the remaining 3 per cent.

Average residence times of reservoirs		
Reservoir	Average residence time	—
Antarctica	20,000 years	is the average time a water molecule will spend in that reservoir
Oceans	3,200 years	
Glaciers	20 to 100 years	
Seasonal snow cover	2 to 6 months	100011011
Soil moisture	1 to 2 months	
Groundwater: shallow	100 to 200 years	
Groundwater: deep	10,000 years	
Lakes	50 to 100 years	
Rivers	1 to 6 months	0
Atmosphere	9 days	

























































