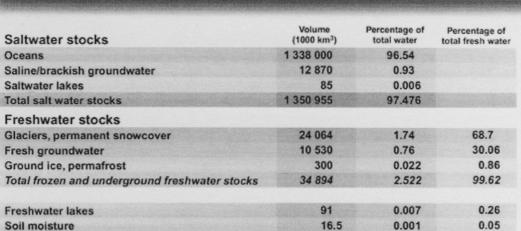
Major stocks of water on earth (thousand cubic kilometres)



Source: Adapted from Peter H. Gleick. The World's Water 2000-2001. Washington, D.C. Island Press, 2000.

Totals may not add due to rounding

*Marshes, wetlands and water

incorporated in biota are often mixed salt and fresh water.

TOTAL WATER ON EARTH (1000 km3)

Total not frozen or underground freshwater stocks

Atmospheric water vapour

Marches, wetlands'

Incorporated in biota*

Total freshwater stocks

35 029 1 385 984

12.9

11.5

135

2.12

1.12

100

0.001

0.001

0.0002

0.0001

0.0103

2.5323



TABLE 1 COMPOSITION OF THE HYDROSPHERE

	Volume (in thousand cubic kilometres)	Per cent of total volume
World ocean	1,370,323	93.93
Underground water, total of which groundwater in zones	60,000	4.12
of active exchange	4,000	0.27
Glaciers	24,000	1.65
Lakes	230	0.016
Soil moisture	83	0.005
Atmospheric varour	14	0.001
Rivers	1.2	0.0004
Total	1,454,651	100

TABLE 11 RATES OF WATER EXCHANGE

0.04

0.03

0.006

0.003

0.389

100

Section of hydrosphere	Years needed for complete renewal*	
World ocean		
Groundwater, total of which zones of more	(5,000)	
active exchange	(330)	
Polar glaciers	8,300	
Soil moisture	1.0	
Rivers and lakes	10	
Rivers	0.033	
Vapour in the atmosphere	0.027	

* In round figures; the bracketed figures are highly approximate.