

# DO YOU KNOW

## World Water Inventory

	(in million cubic Kilometres)	
<b>Total world water quantity</b>	<b>1357.5</b>	
<b>A) Saline Water (sea, ocean etc.)</b>	<b>1320.0</b>	<b>= 97.23%</b>
<b>B) Fresh Water: -</b>	<b>37.5</b>	<b>= 2.76%</b>
a) Polar ice caps/ Glaciers and mountain tops.	29.00	
b) Ground water upto 800 mt.	4.15	
c) Ground water below 800 mt.	4.15	
d) Lake, river, streams.	0.12	
e) Soil moisture seepage	0.067	
f) Atmospheric water vapors	0.013	
<b>Annual rain/ snow fall (in million)</b>		
a) On land	0.32	
b) On sea and oceans	0.10	
<b>Total</b>	<b>0.42</b>	
<b>Volume of water carried by rivers and springs.</b>	<b>0.038</b>	
<b>Volume of water utilized for irrigation.</b>	<b>0.00152</b>	
<b>Volume of un-utilized water which flows into sea/oceans.</b>	<b>0.03648</b>	

- Less than 4% of the total precipitation is utilized for irrigation purposes, so the quality and quantity of this water depends upon the management of the watersheds.
- Dhurva and Ram Babu (1983) estimated that about 5334 million tonnes (16.35 tonne /hec) of soil is detached annually due to agriculture and associated activities only. The country's rivers carry about 2052 million tonnes (6.26 tonne/ hec).
- Nearly 1572 m tones (29%) of the total eroded soil are carried away by the rivers into the sea every year and 480 million tonnes (10%) of the total eroded soil are being deposited in various reservoirs and water bodies.
- Das (1985), the estimated affected area (million hac) by soil erosion under various land utilization classes in J&K state is;

<b>I</b>	<b>Cultivation land</b>	<b>0.510</b>
<b>II</b>	Forest land	0.210
<b>III</b>	Permanent pasture and grazing ground	0.048
<b>IV</b>	Non-cultivable land	
	a) Barren land	0.055
	b) Non-Agriculture	0.060
	<b>TOTAL</b>	<b>0.883</b>