[Earth Observatory](http://earthobservatory.nasa.gov/) Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_



Find three facts about water or the hydrologic cycle that you did not know before you visited this site.

1.

2.

3.



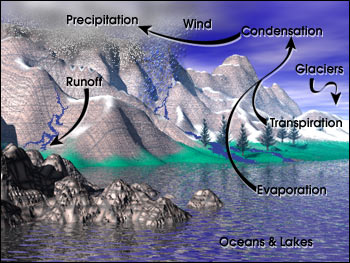
Bottom of Form

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | **Find the answers on the website to the blanks 1-5  in the columns on this table**. | **Volume** (1000 km3) | **Percent of Total Water** | **Percent of Fresh Water** | | Oceans, Seas, & Bays | 1,338,000 | 1. \_\_\_\_\_\_\_\_\_ | - | | Ice caps, Glaciers, & Permanent Snow | 24,064 | 2. \_\_\_\_\_\_\_\_\_\_ | 3. \_\_\_\_\_\_\_ | | Groundwater | 23,400 | 4. \_\_\_\_\_\_\_\_\_ | - | | Fresh | (10,530) | (0.76) | 5. \_\_\_\_\_\_\_\_ | | Saline | (12,870) | (0.94) | - | | Soil Moisture | 16.5 | 0.001 | 0.05 | | Ground Ice & Permafrost | 300 | 0.022 | 0.86 | | Lakes | 176.4 | 0.013 | - | | Fresh | (91.0) | (0.007) | .26 | | Saline | (85.4) | (0.006) | - | | Atmosphere | 12.9 | 0.001 | 0.04 | | Swamp Water | 11.47 | 0.0008 | 0.03 | | Rivers | 2.12 | 0.0002 | 0.006 | | Biological Water | 1.12 | 0.0001 | 0.003 | | Total | 1,385,984 | 100.0 | 100.0 | | Source: Gleick, P. H., 1996: Water resources. In *Encyclopedia of Climate and Weather,* ed. by S. H. Schneider, Oxford University Press, New York, vol. 2, pp.817-823. | | | | |  | | |
| Earth from space. (Image courtesy of NASA Jet Propulsion Laboratory.) |  |  |

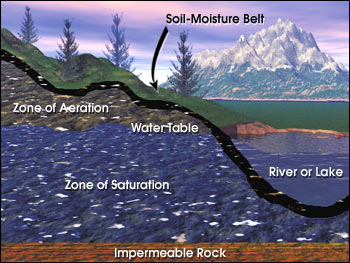
<http://earthobservatory.nasa.gov/Features/Water/>

1. All in all about how much water is on the Earth?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. Fill in the blanks on the Hydrologic Cycle Diagram.
2. What is sublimation?
3. How much water could evaporate from a corn field on an average day?



1. Label the diagram.
2. How much water is in the atmosphere?