

# The hydrosphere and energy resources

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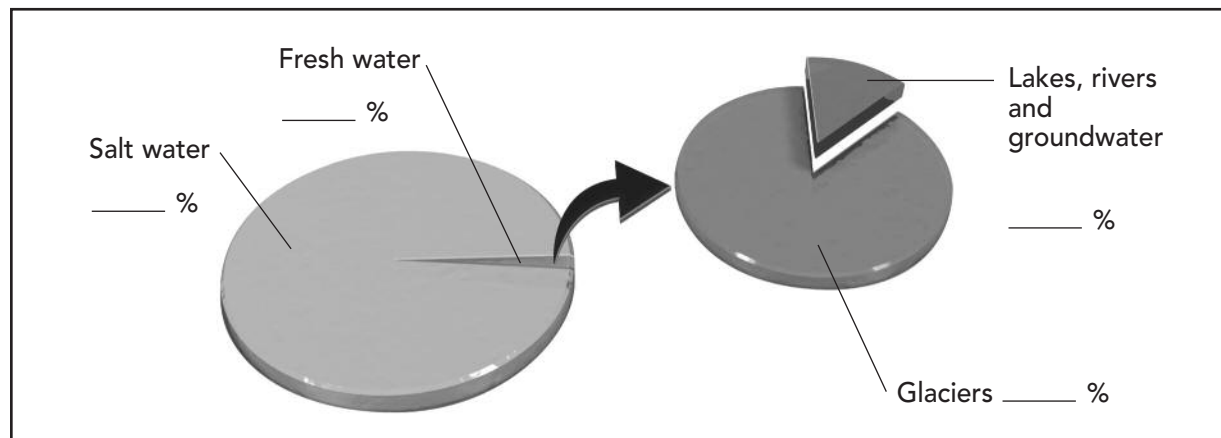
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Complete this Concept Review so you can keep a record of what you have learned.

## Definitions

- The hydrosphere is \_\_\_\_\_
- A watershed is \_\_\_\_\_
- An ocean current is \_\_\_\_\_
- Ocean circulation is \_\_\_\_\_
- The cryosphere consists \_\_\_\_\_
- Pack ice is composed \_\_\_\_\_
- A glacier is \_\_\_\_\_
- Hydraulic power (hydropower) is \_\_\_\_\_
- A hydroelectric dam \_\_\_\_\_

## Distribution of water on Earth



Name: \_\_\_\_\_ Group: \_\_\_\_\_ Date: \_\_\_\_\_

## Factors affecting how water flows within a watershed

<ul style="list-style-type: none"> <li>• _____</li> <li>• _____</li> <li>• _____</li> </ul>	<ul style="list-style-type: none"> <li>• _____</li> <li>• _____</li> </ul>
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## Important parameters in the study of oceans

Parameter	Factors influencing these parameters
	<ul style="list-style-type: none"> <li>• _____</li> <li>• _____</li> <li>• _____</li> </ul>
	<ul style="list-style-type: none"> <li>• _____</li> <li>• _____</li> </ul>

## Ocean currents

Ocean current	Characteristics
	_____ _____ _____
	_____ _____ _____
Thermohaline circulation	_____ _____ _____

## Hydraulic power

Moving water	Facilities for transforming it into electricity
<ul style="list-style-type: none"> <li>• Waterfalls</li> <li>• _____</li> </ul>	<ul style="list-style-type: none"> <li>• _____</li> </ul>
<ul style="list-style-type: none"> <li>• Waves</li> <li>• _____</li> </ul>	<ul style="list-style-type: none"> <li>• _____</li> </ul>