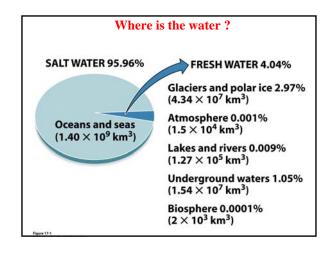
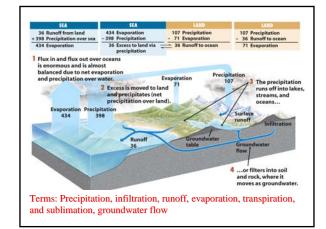
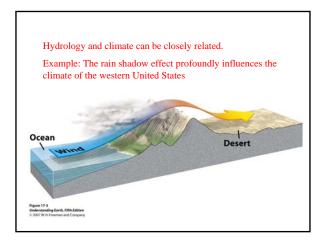
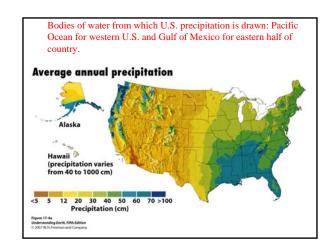


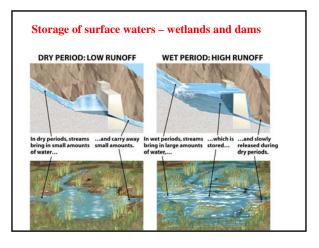
Hydrology is the study of movements and characteristics of groundwater.

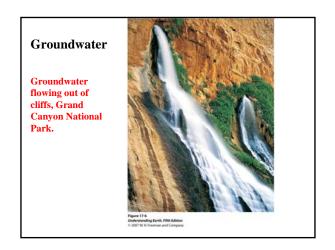


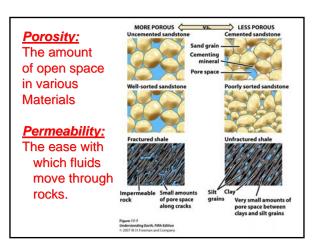












| Rock Type | Porosity (Pore Space That May Hold Fluid) | Permeability (Ability to Allow Fluids to Pass Through) |
|--|---|--|
| Gravel | Very high | Very high |
| Coarse- to medium-grained sand | High | High |
| Fine-grained sand and silt | Moderate | Moderate to low |
| Sandstone, moderately cemented | Moderate to low | Low |
| Fractured shale or metamorphic rocks | Low | Very low |
| Unfractured shale | Very low | Very low |
| Table 17.2 Michaelmedidge Borth, PMI define 2007 W.J.H. Freenan and Company | | |

