



- Key**
- Perennial stream
 - Ephemeral stream
 - Intermittent stream
 - Precipitation
 - Atmospheric losses (e.g., evapotranspiration, volatilization, denitrification)
 - Wetland (dry period)
 - Open-water (dry period)
 - Active floodplain: Expansion and overbank flow into floodplain and overflow of wetlands and open-waters during wetter periods
 - Unsaturated zone
 - Saturated zone
 - Local aquifer and hyporheic zone
 - Confining layer

- Water table level
- Groundwater flow through local and larger scale aquifers
- Overland and interflow
- Streamflow and transport of materials, organisms
- Overbank flow and transport of materials, organisms
- Bank storage
- Hyporheic flow and surface-subsurface exchange of water, materials, organisms

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