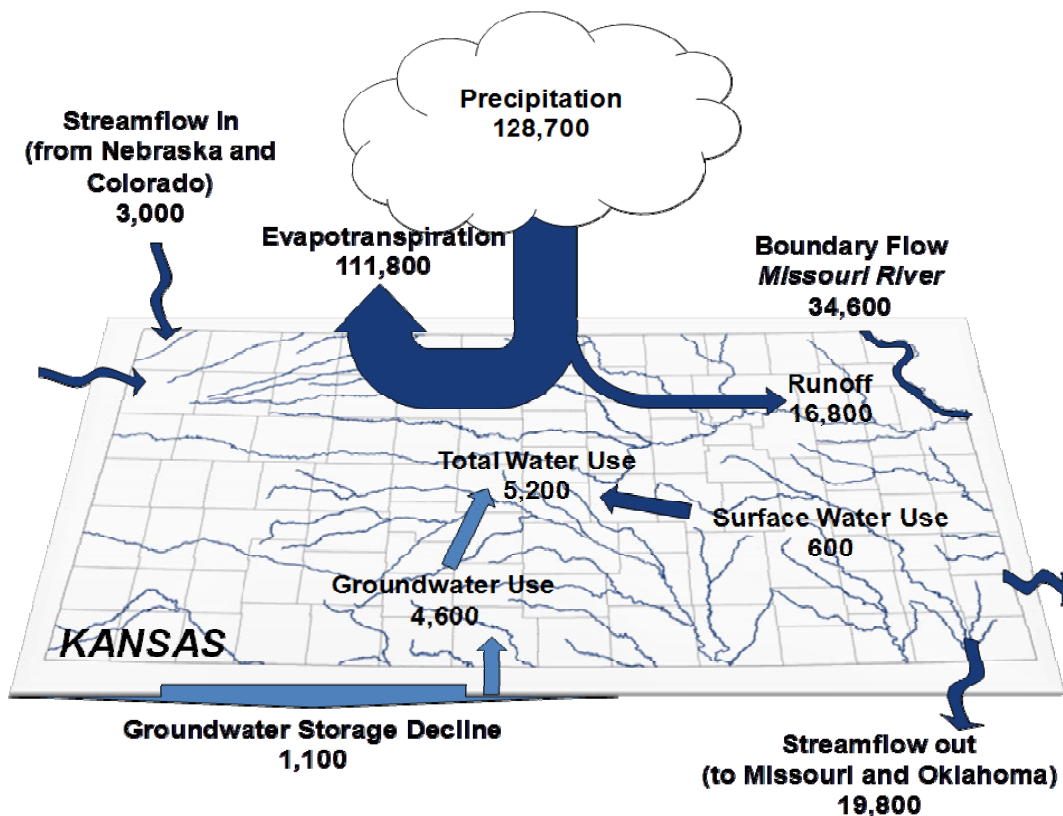


2 Statewide Water Assessment

WATER BUDGET OF KANSAS

A water budget quantifies the relationship between flows (input and output) and storage of water throughout the state.

Water is added to the system through inputs such as precipitation and streamflow; water leaves the system through outputs such as evapotranspiration, streamflow and consumptive water use. The total amount of water entering, leaving, and being stored in the system does not change, so if inputs do not equal outputs, the amount of stored water changes.



Kansas Water Budget (thousands of acre feet) (adapted from Sophocleous 1998)