Water Budget Terms

**Note:** terms for water budget components may vary across programs. These are the terms used for various inflows and outflows in the publicly available open-source program California Central Valley Groundwater-Surface Water Simulation Model (C2VSim).

**Groundwater (GW) Storage** – flow across basin boundary of groundwater

**Streams** – flow from streams and rivers into groundwater and vice versa

**Net Deep Percolation** – the total amount of water that reaches the aquifer not from other sources. Includes precipitation not caught in lakes and streams

**Small Watershed Baseflow*** – groundwater that flows into the basin from higher elevation watersheds

**Small Watershed Percolation*** – surface water that flows into the basin from higher elevation watersheds

**Diversion Recoverable Loss** - leakage from canals that feeds the aquifer

**Bypass Recoverable Loss** – aquifer recharge from bypasses, which divert water from a river to another river or lake

**Lakes** – flow from streams and rivers into groundwater and vice versa

**Pumping by Element** – agricultural pumping

**Pumping by Well** – municipal and industrial pumping

*Note: The program C2VSim is made only for California’s Central Valley, so water from foothills and mountains must be accounted for through the two “small watershed” components.*