Table 1. Salinity and ion composition of different water types

	Type	TDS	SAR	Ca	Mg	Na	K	HCO$_3$	SO$_4$	Cl	pH	Ref.
Units		mg/liter	(mmol$_c$/l)$^{0.5}$				mmol$_c$/liter					
Delta-Mendota Canal (DMC)	Na/Cl	319	2.3	1.1	1.25	2.5	–	1.5	1.1	2.2	8.0	1
California Aqueduct	Na/Cl	308	2.4	1.0	1.23	2.5	–	0.8	1.1	2.9	8.0	2
Groundwater (sub-Corcoran)	Na/SO$_4$	1,085	16.8	1.25	0.12	13.9	–	2.5	10.5	2.3	–	3
Rainfall	Na/Cl	1.6	0.4	0.002	0.003	0.02	0.0005	0.005	0.009	0.01	6.1	4
San Joaquin River floodplain deposits north of Mendota	Na/HCO$_3$	326	4.1	0.8	0.5	3.3	0.0	2.4	0.5	1.6	–	3
Kings River floodplain deposits south of Mendota	Na/HCO$_3$	414	5.7	0.9	0.14	4.1	0.0	4.3	0.5	0.3	–	3
Panoche Creek	Na/SO$_4$	4,092	8.0	14.9	15.2	30.8	0.0	6.3	46.0	8.7	–	5

$$SAR = \frac{Na}{\sqrt{\dfrac{Ca + Mg}{2}}}$$

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