

Water Portfolios

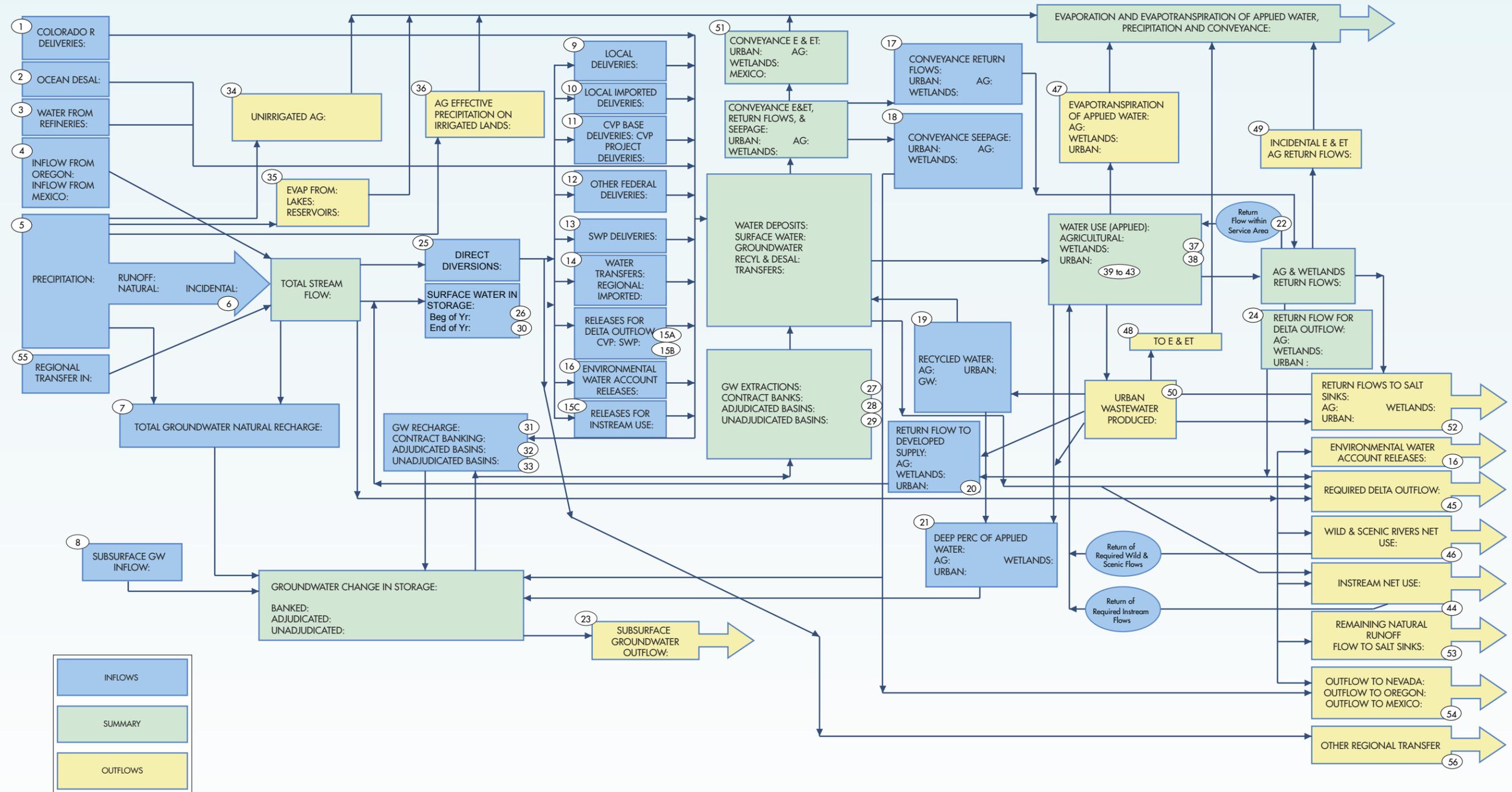
State Summary

Table 1-4 California water portfolios (TAF)

ID Number:	Flow Diagram Component (see legend)	CA 1998	CA 2000	CA 2001
1	Colorado River Deliveries	4,986.4	5,349.0	5,197.1
2	Total Desalination	0.0	0.0	0.0
3	Water from Refineries	0.0	0.0	0.0
4a	Inflow From Oregon	2,104.5	1,498.0	988.0
b	Inflow From Mexico	182.4	165.6	154.7
5	Precipitation	329,588.3	187,742.9	139,182.6
6a	Runoff - Natural	53,812.0	no data	no data
b	Runoff - Incidental	no data	no data	no data
7	Total Groundwater Natural Recharge	no data	no data	no data
8	Groundwater Subsurface Inflow	0.0	0.0	0.0
9	Local Deliveries	22,538.3	19,770.7	15,342.3
10	Local Imports	955.2	810.7	828.4
11a	Central Valley Project :: Base Deliveries	1,585.1	1,925.7	2,014.8
b	Central Valley Project :: Project Deliveries	3,706.7	4,790.1	4,106.0
12	Other Federal Deliveries	692.8	799.3	667.4
13	State Water Project Deliveries	2,130.4	3,629.3	2,086.4
14a	Water Transfers - Regional	1.0	1.0	0.2
b	Water Transfers - Imported	0.0	0.0	0.0
15a	Releases for Delta Outflow - CVP	0.0	0.0	0.0
b	Releases for Delta Outflow - SWP	0.0	0.0	0.0
c	Instream Flow Applied Water	6,903.7	7,523.0	6,842.6
16	Environmental Water Account Releases	0.0	264.0	242.0
17a	Conveyance Return Flows to Developed Supply - Urban	0.0	0.0	0.0
b	Conveyance Return Flows to Developed Supply - Ag	60.0	44.5	45.4
c	Conveyance Return Flows to Developed Supply - Managed Wetlands	0.0	0.0	0.0
18a	Conveyance Seepage - Urban	0.0	0.0	0.0
b	Conveyance Seepage - Ag	219.2	283.3	279.0
c	Conveyance Seepage - Managed Wetlands	23.8	24.5	13.4
19a	Recycled Water - Agriculture	28.4	28.2	28.2
b	Recycled Water - Urban	270.7	253.9	261.7
c	Recycled Water - Groundwater	8.3	43.3	42.4
20a	Return Flow to Developed Supply - Ag	2,182.1	2,167.2	1,930.7
b	Return Flow to Developed Supply - Wetlands	139.7	133.4	140.6
c	Return Flow to Developed Supply - Urban	2.6	2.6	2.6
21a	Deep Percolation of Applied Water - Ag	2,152.9	3,753.7	3,964.9
b	Deep Percolation of Applied Water - Wetlands	211.2	209.5	190.1
c	Deep Percolation of Applied Water - Urban	1,282.0	1,530.5	1,531.3
22a	Reuse of Return Flows within Region - Ag	593.8	825.0	635.7
b	Reuse of Return Flows within Region - Wetlands, Instream, W&S	14,287.7	10,351.9	7,558.0
24a	Return Flow for Delta Outflow - Ag	0.0	0.0	227.9
b	Return Flow for Delta Outflow - Wetlands, Instream, W&S	1,565.8	1,414.8	966.5
c	Return Flow for Delta Outflow - Urban Wastewater	0.0	0.0	0.0
25	Direct Diversions	0.0	0.0	0.0
26	Surface Water in Storage - Beg of Yr	23,996.2	27,062.6	25,745.6
27	Groundwater Extractions - Banked	0.0	0.0	0.0
28	Groundwater Extractions - Adjudicated	847.8	926.8	903.1
29	Groundwater Extractions - Unadjudicated	9,121.6	13,926.5	16,785.4
23	Groundwater Subsurface Outflow	0	0	0
30	Surface Water Storage - End of Yr	31,190.3	25,745.6	21,099.0
31	Groundwater Recharge-Contract Banking	85.1	108.2	-12.8
32	Groundwater Recharge-Adjudicated Basins	0.0	0.0	0.0
33	Groundwater Recharge-Unadjudicated Basins	0.0	0.0	0.0
34a	Evaporation and Evapotranspiration from Native Vegetation	0	0	0
b	Evaporation and Evapotranspiration from Unirrigated Ag	0	0	0
35a	Evaporation from Lakes	2527.3	2574.9	2556.7
b	Evaporation from Reservoirs	2189.3	2414.5	2292.9
36	Ag Effective Precipitation on Irrigated Lands	6212.5	3646.2	3203.1
37	Agricultural Applied Water Use	25,171.7	31,777.2	31,530.2
38	Managed Wetlands Applied Water Use	1,354.9	1,472.9	1,284.6
39a	Urban Residential Use - Single Family - Interior	1,746.7	2,123.8	1,996.0
b	Urban Residential Use - Single Family - Exterior	1,698.1	1,918.5	1,925.9
c	Urban Residential Use - Multi-family - Interior	1,123.4	1,132.3	1,120.8
d	Urban Residential Use - Multi-family - Exterior	307.5	364.3	385.3
40	Urban Commercial Use	1,263.3	1,581.2	1,583.1
41	Urban Industrial Use	542.2	590.0	596.3
42	Urban Large Landscape	579.7	677.5	610.7
43	Urban Energy Production	137.1	137.4	137.2
44	Instream Flow Net Use	2198.9	2216	2249.9
45	Required Delta Outflow Net Use	9505	7231.6	4486.2
46	Wild and Scenic Rivers Net Use	32139.8	18254.8	6945.3
47a	Evapotranspiration of Applied Water - Ag	16826.6	21676	21785.85
b	Evapotranspiration of Applied Water - Managed Wetlands	501	646.5	580
c	Evapotranspiration of Applied Water - Urban	2331.784	2669.591	2610.971
48	Evaporation and Evapotranspiration from Urban Wastewater	0.4	0.3	0.4
49	Return Flows Evaporation and Evapotranspiration - Ag	345.7	352	334.8
50	Urban Waste Water Produced	3015.74	3475.14	3375.04
51a	Conveyance Evaporation and Evapotranspiration - Urban	414.52	435.42	431.11
b	Conveyance Evaporation and Evapotranspiration - Ag	767.3	884	773.1
c	Conveyance Evaporation and Evapotranspiration - Managed Wetlands	12.3	17	15.8
d	Conveyance Outflow to Mexico	0	0	0
52a	Return Flows to Salt Sink - Ag	2431.1	2810.1	2831.7
b	Return Flows to Salt Sink - Urban	3570.38	4103.09	3987.1
c	Return Flows to Salt Sink - Wetlands	184.04	169.5	174.4
53	Remaining Natural Runoff - Flows to Salt Sink	66786.8	30012	10718.5
54a	Outflow to Nevada	1390.6	753.9	551.9
b	Outflow to Oregon	183.7	113.7	66.4
c	Outflow to Mexico	0	0	0
55	Regional Imports	n/a	n/a	n/a
56	Regional Exports	n/a	n/a	n/a
59	Groundwater Net Change in Storage	-1,695.0	-4,407.4	-9,679.7
60	Surface Water Net Change in Storage	7,194.1	-1,317.0	-4,646.6
61	Surface Water Total Available Storage	39,690.0	40,740.9	40,740.9

Inflows Outflows Green number signifies included in summary boxes

Figure 1-12 California - schematic water flow diagram



In schematic of Table 1-4, key components of the flow diagram are shown as boxes and connectors in a flow chart. Circled numbers correspond to the identification number of flow diagram components in the table; box color indicates whether component is water input, output, or summary.