Water Portfolios

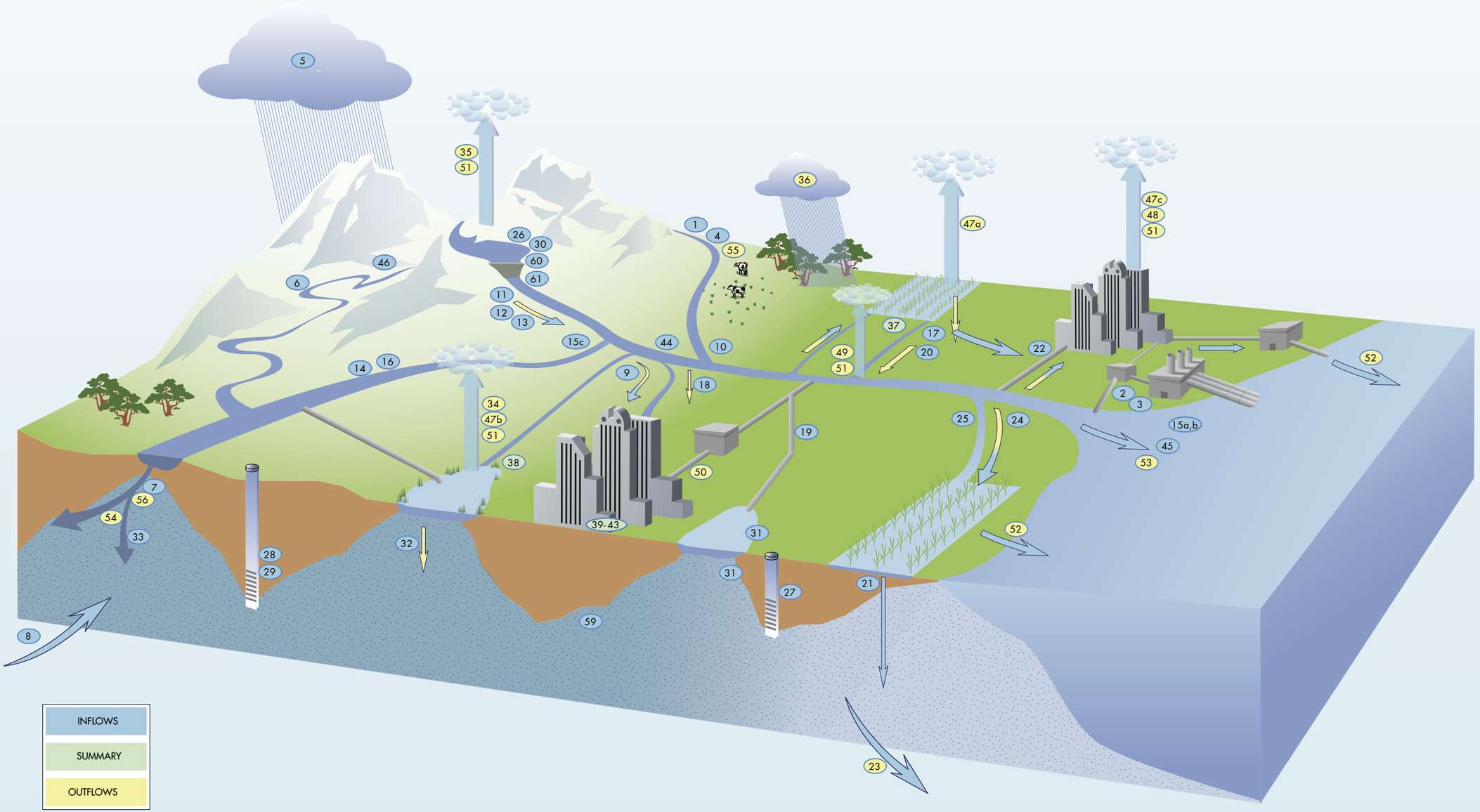
Tulare Lake Hydrologic Region

Table 8-4 Tulare Lake region water portfolio (TAF)

ID Number:	Flow Diagram Component (see legend)	Tulare Lake 1998	Tulare Lake 2000	Tulare Lake 2001
1	Colorado River Deliveries	-	-	-
2	Total Desalination	-	-	-
3	Water from Refineries	-	-	-
4a	Inflow From Oregon	-	-	-
b	Inflow From Mexico	-	-	-
5	Precipitation	27,305.9	12,692.9	11,563.6
6a	Runoff - Natural	N/A	N/A	N/A
b	Runoff - Incidental	N/A	N/A	N/A
7	Total Groundwater Natural Recharge	N/A	N/A	N/A
8	Groundwater Subsurface Inflow			N/A
9	Local Deliveries	3,621.8	2,397.0	1,698.0
10	Local Imports	-	-	-
11a	Central Valley Project :: Base Deliveries	-	-	-
b	Central Valley Project :: Project Deliveries	1,811.3	2,280.2	1,787.9
12	Other Federal Deliveries	-	-	-
13	State Water Project Deliveries	1,035.0	1,915.2	849.3
14a	Water Transfers - Regional	-	-	-
b	Water Transfers - Imported	-	-	-
15a	Releases for Delta Outflow - CVP			
b	Releases for Delta Outflow - SWP			
c	Instream Flow Applied Water	-	-	-
16	Environmental Water Account Releases	-	-	-
17a	Conveyance Return Flows to Developed Supply - Urban	-	-	-
b	Conveyance Return Flows to Developed Supply - Ag	-	-	-
c	Conveyance Return Flows to Developed Supply - Managed Wetlands	-	-	-
18a	Conveyance Seepage - Urban	-	-	-
b	Conveyance Seepage - Ag	-	-	-
c	Conveyance Seepage - Managed Wetlands	-	-	-
19a	Recycled Water - Agriculture	-	-	-
b	Recycled Water - Urban	-	-	-
c	Recycled Water - Groundwater	-	-	-
20a	Return Flow to Developed Supply - Ag	-	-	-
b	Return Flow to Developed Supply - Wetlands	3.1	2.5	2.0
c	Return Flow to Developed Supply - Urban	-	-	-
21a	Deep Percolation of Applied Water - Ag	1,368.1	2,058.2	2,155.2
b	Deep Percolation of Applied Water - Wetlands	27.1	29.7	34.5
c	Deep Percolation of Applied Water - Urban	348.2	414.5	431.7
22a	Reuse of Return Flows within Region - Ag	-	-	-
b	Reuse of Return Flows within Region - Wetlands, Instream, W&S	3,205.0	1,331.1	964.1
24a	Return Flow for Delta Outflow - Ag	-	-	-
b	Return Flow for Delta Outflow - Wetlands, Instream, W&S	-	-	-
c	Return Flow for Delta Outflow - Urban Wastewater	-	-	-
25	Direct Diversions			
26	Surface Water in Storage - Beg of Yr	865.3	708.7	652.2
27	Groundwater Extractions - Banked	-	-	-
28	Groundwater Extractions - Adjudicated	-	-	-
29	Groundwater Extractions - Unadjudicated	2,708.0	4,937.4	6,985.2
23	Groundwater Subsurface Outflow	N/A	N/A	N/A
30	Surface Water Storage - End of Yr	1,303.6	652.2	511.4
31	Groundwater Recharge-Contract Banking	99.8	167.4	-3.9
32	Groundwater Recharge-Adjudicated Basins	-	-	-
33	Groundwater Recharge-Unadjudicated Basins	-	-	-
34a	Evaporation and Evapotranspiration from Native Vegetation			
b	Evaporation and Evapotranspiration from Unirrigated Ag			
35a	Evaporation from Lakes	39.3	38.5	34.2
b	Evaporation from Reservoirs	232.9	233.8	190.6
36	Ag Effective Precipitation on Irrigated Lands	2320.5	1121.7	729.6
37	Agricultural Water Use	7,831.4	10,005.6	9,976.2
38	Managed Wetlands Water Use	62.9	73.7	76.3
39a	Urban Residential Use - Single Family - Interior	101.6	121.1	126.2
b	Urban Residential Use - Single Family - Exterior	155.1	184.9	192.7
c	Urban Residential Use - Multi-family - Interior	107.0	127.7	132.8
d	Urban Residential Use - Multi-family - Exterior	64.3	76.5	79.8
40	Urban Commercial Use	37.5	44.6	46.4
41	Urban Industrial Use	53.5	63.8	66.4
42	Urban Large Landscape	16.1	19.2	19.8
43	Urban Energy Production	-	-	-
44	Instream Flow	-	-	-
45	Required Delta Outflow	-	-	-
46	Wild and Scenic Rivers	-	-	-
47a	Evapotranspiration of Applied Water - Ag	5181	7162	7320.4
b	Evapotranspiration of Applied Water - Managed Wetlands	32.7	41.4	38.3
c	Evapotranspiration of Applied Water - Urban	187.1	223.3	232.5
48	Evaporation and Evapotranspiration from Urban Wastewater	-	-	-
49	Return Flows Evaporation and Evapotranspiration - Ag	-	-	-
50	Urban Waste Water Produced	-	-	-
51a	Conveyance Evaporation and Evapotranspiration - Urban	10.6	12.8	13.3
b	Conveyance Evaporation and Evapotranspiration - Ag	433.3	485.5	381.4
c	Conveyance Evaporation and Evapotranspiration - Managed Wetlands	-	-	-
d	Conveyance Outflow to Mexico			
52a	Return Flows to Salt Sink - Ag	457.3	457.3	457.8
b	Return Flows to Salt Sink - Urban	-	-	-
c	Return Flows to Salt Sink - Wetlands	-	-	0.5
53	Remaining Natural Runoff - Flows to Salt Sink	-	-	-
54a	Outflow to Nevada	-	-	-
b	Outflow to Oregon	-	-	-
c	Outflow to Mexico	-	-	-
55	Regional Imports	3,715.7	5,626.6	3,695.8
56	Regional Exports	1856.7	1539.9	1093
59	Groundwater Net Change in Storage	262.8	-1,625.0	-4,114.9
60	Surface Water Net Change in Storage	438.3	-56.5	-140.8
61	Surface Water Total Available Storage	2,046.1	2,046.1	2,046.1

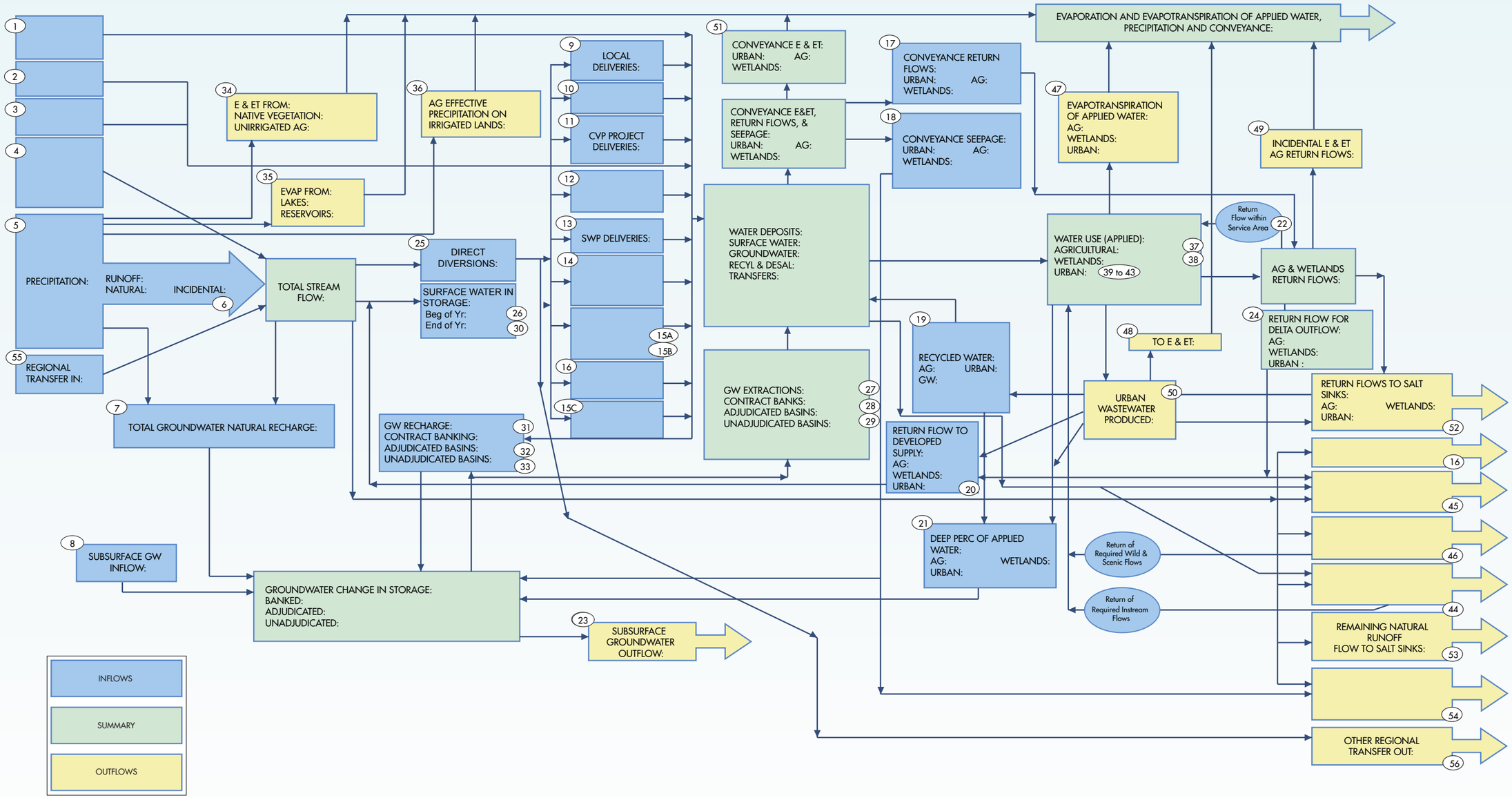
Inflows Outflows Green number signifies included in summary boxes

Figure 8-4 Tulare Lake region - illustrated water flow diagram



In this illustration of Table 8-4, key components of the flow diagram are shown as characteristic elements of the hydrologic cycle. Circled numbers correspond to the identification number of flow diagram components in the table; its color indicates whether the component is water input, output, or summary.

Figure 8-5 Tulare Lake region - schematic flow diagram



In schematic of Table 8-4, 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 the component is water input, output, or summary. Blank boxes are flow diagram components not relevant to the region.