

Water Portfolios

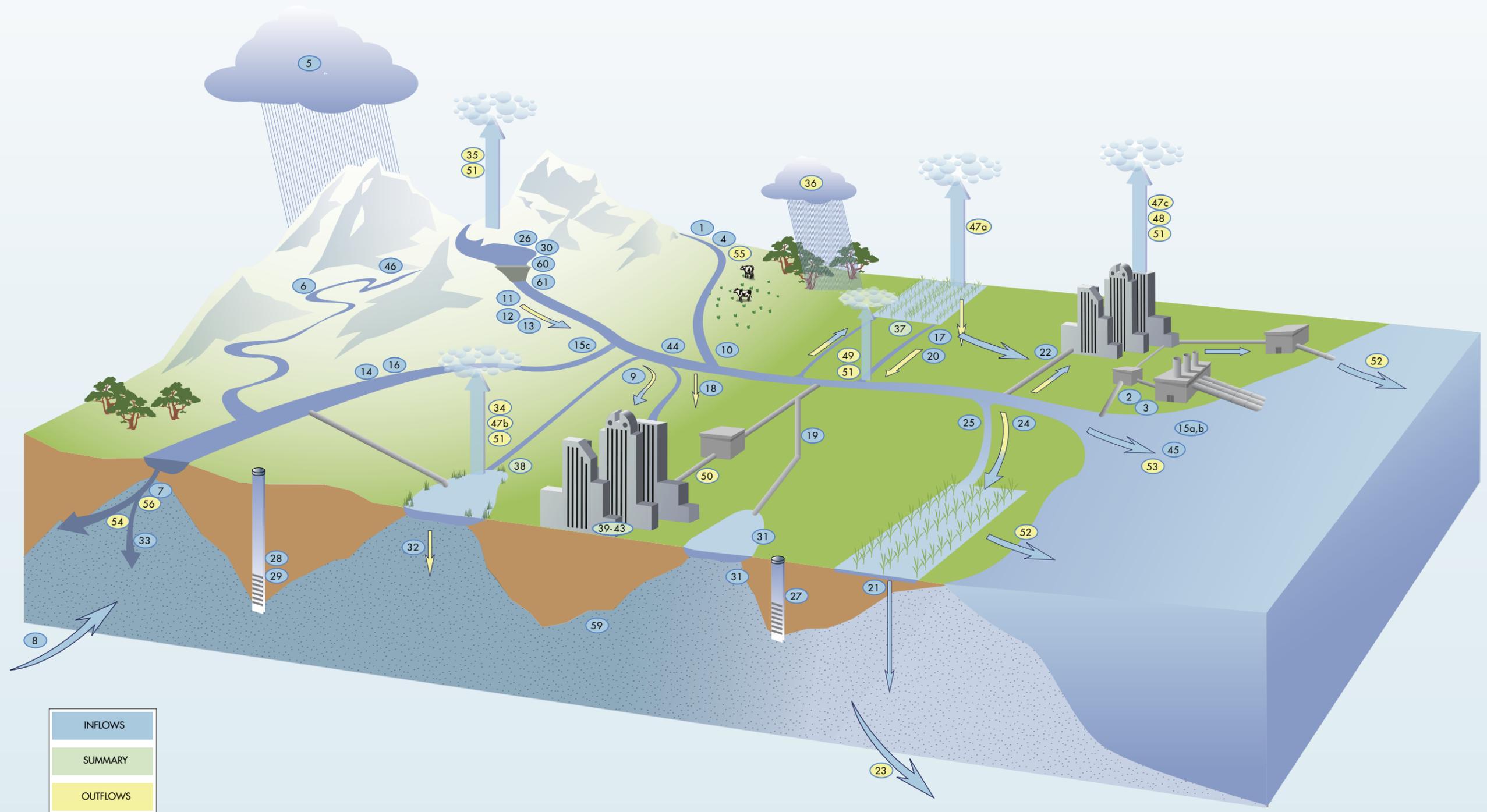
South Lahontan Hydrologic Region

Table 10-3 South Lahontan region water portfolio (TAF)

ID Number:	Flow Diagram Component (see legend)	South Lahontan 1998	South Lahontan 2000	South Lahontan 2001
1	Colorado River Deliveries	-	-	-
2	Total Desalination	-	-	-
3	Water from Refineries	-	-	-
4a	Inflow From Oregon	-	-	-
b	Inflow From Mexico	-	-	-
5	Precipitation	20,409.3	7,476.1	9,740.9
6a	Runoff - Natural			
b	Runoff - Incidental			
7	Total Groundwater Natural Recharge			
8	Groundwater Subsurface Inflow			N/A
9	Local Deliveries	56.6	58.1	46.8
10	Local Imports	-	-	-
11a	Central Valley Project :: Base Deliveries	-	-	-
b	Central Valley Project :: Project Deliveries	-	-	-
12	Other Federal Deliveries	-	-	-
13	State Water Project Deliveries	73.1	108.0	81.9
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	98.4	88.8	78.4
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	28.0	29.0	29.5
c	Recycled Water - Groundwater	-	-	-
20a	Return Flow to Developed Supply - Ag	-	-	-
b	Return Flow to Developed Supply - Wetlands	-	-	-
c	Return Flow to Developed Supply - Urban	-	-	-
21a	Deep Percolation of Applied Water - Ag	35.4	44.2	42.1
b	Deep Percolation of Applied Water - Wetlands	-	-	-
c	Deep Percolation of Applied Water - Urban	66.1	83.5	75.6
22a	Reuse of Return Flows within Region - Ag	-	-	-
b	Reuse of Return Flows within Region - Wetlands, Instream, W&S	18.6	21.4	20.6
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	329.4	326.2	317.8
27	Groundwater Extractions - Banked	-	-	-
28	Groundwater Extractions - Adjudicated	61.8	61.8	61.8
29	Groundwater Extractions - Unadjudicated	272.3	372.9	360.5
23	Groundwater Subsurface Outflow	N/A	N/A	N/A
30	Surface Water Storage - End of Yr	401.5	317.8	316.5
31	Groundwater Recharge-Contract Banking	-	-	-
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	162.4	163.7	163.4
b	Evaporation from Reservoirs	45.1	45.1	42.1
36	Ag Effective Precipitation on Irrigated Lands	33.5	9.9	7.2
37	Agricultural Water Use	280.6	361.0	344.0
38	Managed Wetlands Water Use	-	-	-
39a	Urban Residential Use - Single Family - Interior	74.5	109.0	100.8
b	Urban Residential Use - Single Family - Exterior	55.8	68.6	68.4
c	Urban Residential Use - Multi-family - Interior	11.9	28.0	12.7
d	Urban Residential Use - Multi-family - Exterior	7.1	8.6	6.9
40	Urban Commercial Use	27.8	19.0	20.1
41	Urban Industrial Use	8.1	4.7	5.6
42	Urban Large Landscape	8.4	6.6	5.3
43	Urban Energy Production	6.3	6.3	6.3
44	Instream Flow	79.8	67.4	57.8
45	Required Delta Outflow	-	-	-
46	Wild and Scenic Rivers	-	-	-
47a	Evapotranspiration of Applied Water - Ag	187.8	237.7	235
b	Evapotranspiration of Applied Water - Managed Wetlands	-	-	-
c	Evapotranspiration of Applied Water - Urban	71.282	83.791	80.591
48	Evaporation and Evapotranspiration from Urban Wastewater	-	-	-
49	Return Flows Evaporation and Evapotranspiration - Ag	5.7	7.3	6.7
50	Urban Waste Water Produced	29.34	36.14	33.34
51a	Conveyance Evaporation and Evapotranspiration - Urban	8.51	10.6	8.81
b	Conveyance Evaporation and Evapotranspiration - Ag	-	-	-
c	Conveyance Evaporation and Evapotranspiration - Managed Wetlands	-	-	-
d	Conveyance Outflow to Mexico	-	-	-
52a	Return Flows to Salt Sink - Ag	51.7	65.4	60
b	Return Flows to Salt Sink - Urban	58.89	84.41	66.1
c	Return Flows to Salt Sink - Wetlands	-	-	-
53	Remaining Natural Runoff - Flows to Salt Sink	79.8	67.4	57.8
54a	Outflow to Nevada	-	-	-
b	Outflow to Oregon	-	-	-
c	Outflow to Mexico	-	-	-
55	Regional Imports	917.7	1,509.7	1,065.7
56	Regional Exports	1286	1,695.0	1255
59	Groundwater Net Change in Storage	-226.2	-294.1	-299.0
60	Surface Water Net Change in Storage	72.1	-8.4	-1.3
61	Surface Water Total Available Storage	458.9	458.9	458.9

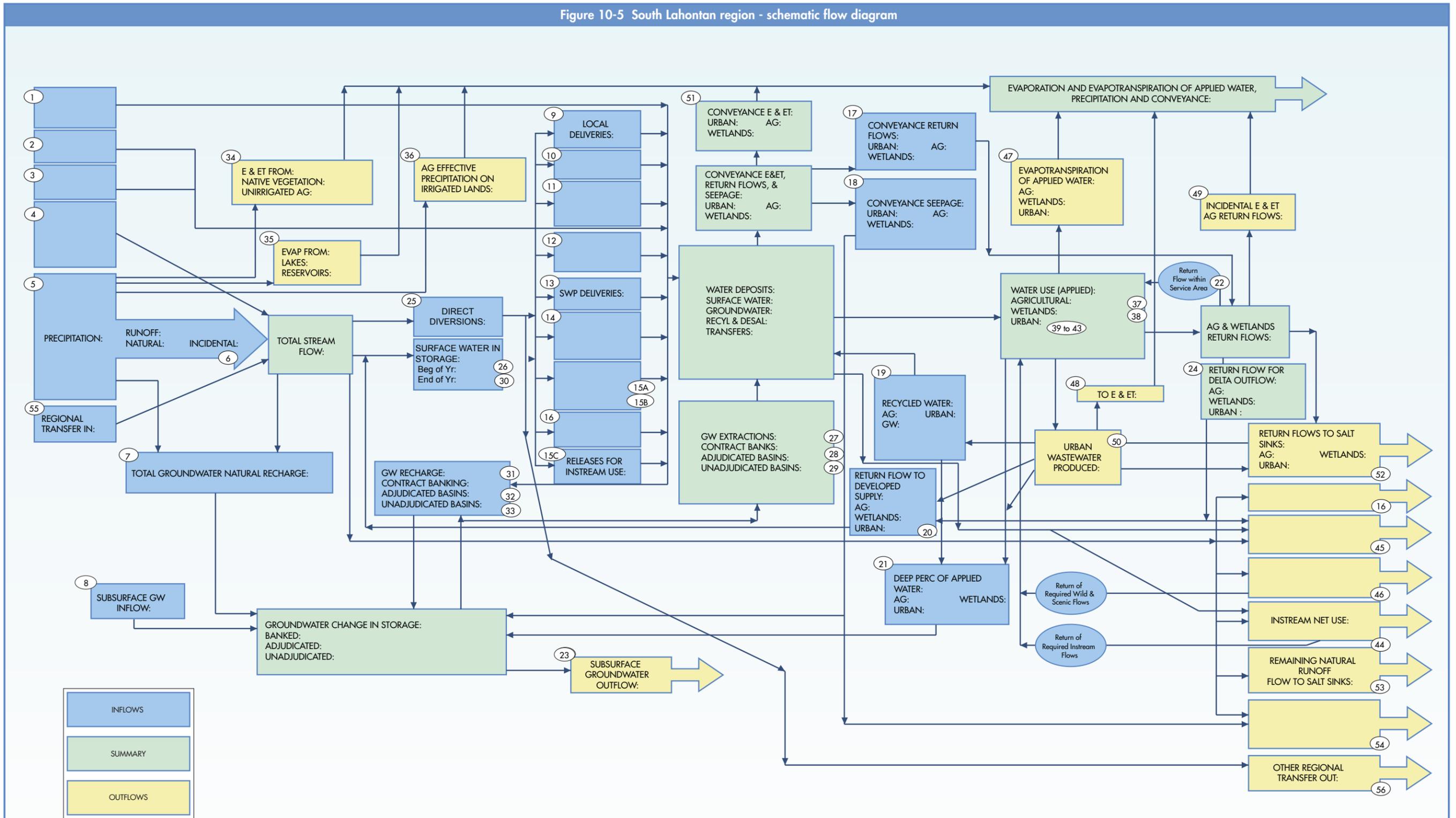
Inflows Outflows Green number signifies included in summary boxes

Figure 10-4 South Lahontan region - illustrated water flow diagram



In this illustration of Table 10-3, key components of the flow diagram are illustrated 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 10-5 South Lahontan region - schematic flow diagram



In schematic of Table 10-3, 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.