Table 13. Recharge and discharge approximations for the ground-water flow model of the aquifer system of the Owens Valley, California

[Type of boundary condition: Franke and others (1987). Ground-water flow model approximation: McDonald and Harbaugh (1988). Recharge and discharge components defined in text. Temporal variation in stress: A, annually varying rate; C, constant rate; $\overline{C}$, constant rate for several years]

Type of boundary condition	Ground-water flow model approximation	Recharge (R) or discharge (D) component	Temporal variation in stress
Specified flux............................	Well package............................	Precipitation (R)	C
		Spillgate releases (R)...	C
		Underflow (R,D)...	C
		Canals and ditches (R)...	$\overline{C}$
		Irrigation (R)..	$\overline{C}$
		Watering of livestock (R)..	$\overline{C}$
		Tributary streams (R)...	A
		Miscellaneous water use (R)	A
		Mountain-front runoff (R)	A
		Pumpage (D)...	A
		Runoff from bedrock within the valley (R)	A
Head-dependent flux	River package............................	Lakes (R,D)	A
		Lower Owens River (R,D)..	A
		River–aqueduct system (R,D)...	A
		Sewage ponds (R,D)	A
		Tinemaha Reservoir (R,D)..	A
Head-dependent flux	Evapotranspiration package	Evapotranspiration (D)	A
Head-dependent flux	Drain package	Springs and seeps (D)..	A