

2014

TABLE 1. APPARENT INFLOW TO HERON RESERVOIR

(Unit = Acre-Feet)

Month	Azotea Tunnel Outlet	Computed Channel Loss	Willow Creek Above Heron Reservoir	Tributary Inflow Above Heron Reservoir	Computed Inflow To Heron Reservoir	Tributary Inflow Within Heron Reservoir	Computed Natural Flow At Heron Reservoir
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
January	0	0	0	0	0	57	57
February	227	0	435	208	512	0	512
March	1984	0	2104	120	295	0	295
April	13808	28	14465	685	822	0	822
May	20251	41	21100	890	1067	0	1067
June	18851	38	20049	1236	1483	0	1483
July	1550	0	2132	582	698	0	698
August	788	0	884	96	236	0	236
September	902	0	743	-159	0	46	46
October	1334	0	1485	151	371	0	371
November	335						
Annual	60030	107	63397	3809	5484	103	5587

(5) Computed inflow to Heron Reservoir = tributary inflow above Heron Reservoir times a correlation factor (1.2 for monthly Willow Creek natural flow above 360 acre-feet and 2.46 for flow at 360 acre-feet and below. If the inflow does not exceed the seepage, this flow is not bypassed. Flows above the seepage are bypassed).

(6) This column reports the seepage 2(4) as the base natural flow or the net gain on reservoir 2(3) which ever is greater or zero when 2(3) is zero and 1(5) is more than seepage. (See Table 2)

(7) This column reports the sum of 1(5) and 1(6) only when 1(5) exceeds the seepage. This will prevent any double accounting of the base natural flow (seepage). If 1(5) is less than or equal to seepage, then 1(7) equals 1(6).