

Table 2, Appendix B
SRV Model Domain Simulated Water Budget (1983-2006)

Simulated Inflow (Acre-Feet)	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Stress Period	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Total Simulated Recharge	1,648,600	1,075,072	1,232,086	1,000,151	991,277	1,003,344	938,988	945,632	1,014,418	1,316,913	1,941,966	956,663	1,212,073	946,372	897,208	927,957	865,111	887,209	848,939	875,131	975,818	1,036,720	1,090,450	964,187
Stream Leakage Into Aquifer	102,472	83,685	84,785	78,797	81,748	83,551	83,732	84,039	84,475	84,400	104,821	90,493	93,415	88,321	89,485	89,380	89,828	93,239	94,827	107,183	107,632	116,700	120,316	107,475
Specified Groundwater Flow Into Model	14,177	14,207	14,177	14,177	14,177	14,207	14,177	14,177	14,177	14,207	14,177	14,177	14,177	14,207	14,177	14,177	14,177	14,207	14,177	14,177	14,177	14,207	14,177	14,177
Hassayampa Subbasin Groundwater Underflow In	12,577	12,533	12,976	13,675	13,685	14,345	14,938	15,047	13,843	12,729	11,984	11,441	11,353	11,862	11,148	11,567	11,450	10,987	10,775	10,755	10,735	9,728	6,783	6,274
Water Budget Inflows	1,675,354	1,101,812	1,259,240	1,028,003	1,019,139	1,031,895	968,103	974,856	1,042,439	1,343,848	1,968,128	982,282	1,237,604	972,441	922,534	953,702	890,739	912,403	873,892	900,064	1,000,731	1,060,654	1,111,411	984,638
Simulated Outflow (Acre-Feet)	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Stress Period	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Groundwater Underflow Out	4,909	5,854	6,025	6,492	6,699	6,697	6,648	6,699	6,793	6,944	7,110	7,215	7,311	7,382	7,398	7,325	7,425	7,406	7,521	7,240	6,873	6,799	9,511	8,651
Total Model Pumpage ¹	803,380	1,312,373	993,938	1,020,312	916,971	989,456	1,042,004	1,247,107	943,153	647,263	703,803	912,950	846,822	1,021,821	946,363	775,907	1,024,140	1,052,801	982,525	1,162,894	1,088,788	1,003,140	769,281	781,788
Evapotranspiration Out	50,628	53,284	55,074	51,498	47,668	46,037	44,059	42,053	39,913	43,785	57,786	53,831	51,791	48,342	43,049	42,963	41,872	39,007	36,624	34,641	33,319	33,826	36,829	38,781
Stream Leakage Out of Aquifer	28,520	7,647	11,630	4,290	3,749	3,458	2,877	2,479	2,254	6,980	31,294	6,278	7,718	3,459	2,994	3,222	3,554	3,333	2,836	15,049	18,036	22,619	25,150	29,741
Water Budget Outflows	858,917	1,371,511	1,055,038	1,078,303	971,338	1,042,191	1,092,711	1,295,859	989,858	697,992	768,700	973,996	905,924	1,077,545	996,811	826,195	1,073,437	1,099,214	1,026,670	1,204,775	1,128,981	1,043,764	815,620	829,220
Percent Discrepancy	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Inflow - Outflow	8	29	-4	6	11	28	4	8	6	21	8	6	9	33	-3	11	-5	38	0	3	-3	-9	9	-3
Annual Change in Storage	890,380	-193,690	277,361	24,202	125,789	69,768	-43,757	-239,452	134,796	723,255	1,272,949	92,495	417,367	-20,275	12,217	213,654	-96,418	-96,943	-60,784	-212,582	-38,651	110,764	391,391	232,544
Cumulative Change in Storage	890,380	696,690	974,051	998,252	1,124,041	1,193,809	1,150,052	910,600	1,045,397	1,768,652	3,041,600	3,134,095	3,551,463	3,531,187	3,543,404	3,757,058	3,660,640	3,563,696	3,502,912	3,290,330	3,251,679	3,362,444	3,753,835	3,986,380

Notes:
1) Includes groundwater flow out of the model into the Pinal AMA's Maricopa-Stanfield subbasin