

Table F.1: Simulated model-wide budget inflows for all stress periods in acre-feet per year.

Stress period	Year	Storage	Specified Head	River Leakage	General head boundary	Recharge	Total In
1	1980	0	566,710	934,397	1,433,929	975,619	3,910,655
2	1981	40,819	404,469	798,622	1,329,164	4,259,786	6,834,395
3	1982	531,109	510,994	858,031	1,397,322	866,118	4,165,304
4	1983	76,933	427,599	816,599	1,388,502	2,436,036	5,146,194
5	1984	322,467	441,927	846,359	1,417,577	1,189,755	4,219,952
6	1985	143,677	464,615	841,523	1,396,525	1,478,693	4,325,870
7	1986	114,657	422,113	834,180	1,390,089	1,686,741	4,448,999
8	1987	159,753	486,267	831,270	1,383,102	1,414,873	4,276,366
9	1988	672,239	539,759	877,288	1,430,739	478,592	4,001,605
10	1989	428,500	535,695	889,801	1,428,227	585,591	3,872,861
11	1990	320,780	530,610	899,954	1,435,568	722,258	3,914,625
12	1991	10,902	368,663	813,205	1,367,253	3,238,333	5,799,051
13	1992	36,860	363,356	741,851	1,298,894	4,056,886	6,498,674
14	1993	184,437	396,610	754,249	1,351,350	2,319,881	5,007,663
15	1994	224,160	434,478	736,868	1,331,268	2,221,283	4,949,518
16	1995	373,190	425,882	776,578	1,389,389	1,450,681	4,417,466
17	1996	826,011	486,743	819,036	1,420,485	547,462	4,103,994
18	1997	126,096	360,389	719,948	1,334,227	3,910,249	6,458,021
19	1998	251,711	399,098	727,498	1,325,809	2,116,397	4,828,777
20	1999	1,043,944	479,894	798,102	1,405,127	381,808	4,118,117
21	2000	344,896	475,990	796,396	1,378,440	1,222,720	4,229,581
22	2001	142,903	437,664	777,588	1,362,134	1,795,184	4,524,530
23	2002	49,649	358,465	684,157	1,280,245	4,357,292	6,736,350
24	2003	524,603	392,147	745,442	1,354,338	1,584,656	4,604,187
25	2004	43,300	354,354	661,897	1,250,576	4,641,972	6,954,564
26	2005	1,114,746	445,200	737,468	1,365,589	747,956	4,414,752
27	2006	446,805	393,389	752,152	1,394,736	1,532,569	4,521,693
28	2007	33,144	334,304	648,458	1,272,682	5,039,870	7,329,611
29	2008	1,339,193	439,640	733,816	1,379,996	695,739	4,590,801
30	2009	819,148	479,827	757,685	1,377,369	911,024	4,347,607
31	2010	224,783	403,643	745,732	1,392,403	2,260,443	5,027,779
32	2011	1,219,289	504,156	804,448	1,425,467	240,205	4,196,324
33	2012	370,485	469,826	803,127	1,419,810	1,141,649	4,206,583
34	2013	574,457	496,100	819,283	1,417,252	771,355	4,080,506
35	2014	380,245	512,605	826,527	1,402,178	981,682	4,105,238
36	2015	1,926	392,464	717,180	1,297,531	4,178,090	6,587,518

Table F.2: Simulated model-wide budget outflows for all stress periods in acre-feet per year.

Stress period	Year	Storage	Specified Head	Wells	Drains	River Leakage	Evapotranspiration	General head boundary	Total Out
1	1980	0	24,545	479,404	14,032	1,326,068	1,820,169	246,425	3,910,642
2	1981	2,408,839	52,608	372,287	28,482	1,552,959	2,074,805	340,655	6,834,395
3	1982	80,390	34,446	450,080	19,770	1,420,435	1,900,817	258,988	4,165,304
4	1983	931,143	52,023	405,247	19,125	1,488,584	1,977,714	271,080	5,146,194
5	1984	110,556	52,751	432,808	16,703	1,435,177	1,923,492	248,196	4,219,955
6	1985	264,613	42,743	404,075	16,824	1,432,879	1,895,530	268,718	4,325,870
7	1986	292,572	55,563	422,836	16,218	1,457,125	1,935,755	268,485	4,448,999
8	1987	202,887	38,090	409,642	16,010	1,462,655	1,878,510	268,263	4,276,365
9	1988	55,959	30,956	468,848	14,303	1,384,260	1,809,992	237,111	4,001,603
10	1989	10,757	28,680	462,955	13,550	1,364,467	1,756,371	236,053	3,872,860
11	1990	50,372	27,725	443,993	13,343	1,349,077	1,795,961	234,073	3,914,624
12	1991	1,430,353	110,446	379,509	16,490	1,492,429	2,060,815	306,976	5,799,051
13	1992	1,648,338	160,025	382,778	20,789	1,675,557	2,231,661	377,131	6,498,675
14	1993	470,872	104,119	408,134	19,206	1,615,651	2,093,324	295,603	5,007,663
15	1994	446,897	67,575	425,318	20,002	1,648,412	2,021,943	318,720	4,949,518
16	1995	102,518	69,706	431,289	16,880	1,550,137	1,980,256	266,515	4,417,466
17	1996	4,493	46,554	483,428	15,110	1,469,189	1,836,237	248,966	4,103,993
18	1997	1,826,633	114,559	384,533	20,370	1,691,043	2,095,774	322,862	6,458,021
19	1998	305,134	83,958	417,155	19,995	1,684,546	1,996,834	320,647	4,828,777
20	1999	8,107	49,236	477,418	16,161	1,501,860	1,812,760	252,552	4,118,117
21	2000	102,797	46,920	436,208	17,007	1,522,030	1,818,838	285,653	4,229,581
22	2001	328,125	60,703	416,407	17,658	1,565,095	1,838,724	297,403	4,524,530
23	2002	1,755,966	187,308	396,297	23,694	1,810,469	2,168,883	391,430	6,736,350
24	2003	143,160	116,016	407,975	20,640	1,622,679	1,994,604	298,768	4,604,187
25	2004	1,693,636	178,047	394,707	35,436	1,873,695	2,340,013	436,637	6,954,565
26	2005	77,480	71,412	400,774	22,780	1,618,154	1,936,616	287,383	4,414,751
27	2006	172,214	105,307	403,160	19,626	1,575,250	1,978,569	267,318	4,521,693
28	2007	1,990,463	220,236	354,776	42,117	1,887,488	2,400,726	430,978	7,329,611
29	2008	149,747	75,714	422,236	25,270	1,624,951	2,008,223	284,361	4,590,801
30	2009	40,130	54,274	476,009	21,518	1,561,952	1,910,171	283,480	4,347,607
31	2010	588,121	84,775	440,236	23,737	1,572,678	2,027,802	289,512	5,027,779
32	2011	7,617	49,564	610,961	18,289	1,459,714	1,803,356	246,792	4,196,323
33	2012	115,132	50,100	465,683	16,913	1,485,758	1,823,194	249,658	4,206,583
34	2013	30,487	42,180	510,085	15,648	1,446,293	1,788,098	247,655	4,080,504
35	2014	58,331	38,284	491,352	14,963	1,451,928	1,789,712	260,576	4,105,238
36	2015	1,830,309	77,218	410,398	24,383	1,688,858	2,168,994	384,692	6,587,518

