

Sacramento-San Joaquin Delta Operations
Summary Tables and Bar Charts

Table SW-30-a
Sacramento River below Hood, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
WSIP 2070 Without Project	10,769	14,464	23,749	35,717	43,225	36,124	20,758	11,827	13,024	18,677	13,160	16,704
WSIP 2070 With Project	11,189	14,618	23,046	34,403	42,168	34,947	20,525	11,844	13,402	19,188	13,762	17,771
Difference	420	154	-703	-1,314	-1,057	-1,176	-232	18	378	511	602	1,067
Percent Difference ²	3.9%	1.1%	-3.0%	-3.7%	-2.4%	-3.3%	-1.1%	0.1%	2.9%	2.7%	4.6%	6.4%
Water Year Types²												
Wet (31.7%)												
WSIP 2070 Without Project	13,010	17,640	27,403	58,490	65,044	54,371	33,586	13,884	14,752	20,999	15,052	27,130
WSIP 2070 With Project	13,765	17,254	25,909	57,654	64,578	53,786	33,375	13,744	14,985	21,067	15,438	27,068
Difference	754	-386	-1,493	-836	-466	-585	-211	-140	234	68	387	-63
Percent Difference	5.8%	-2.2%	-5.4%	-1.4%	-0.7%	-1.1%	-0.6%	-1.0%	1.6%	0.3%	2.6%	-0.2%
Above Normal (13.4%)												
WSIP 2070 Without Project	12,912	17,333	21,091	45,071	60,608	44,667	19,954	13,311	14,001	22,272	15,345	20,807
WSIP 2070 With Project	13,464	17,459	20,721	43,492	59,740	43,166	19,348	13,197	14,093	23,049	15,912	20,568
Difference	552	126	-370	-1,579	-868	-1,502	-606	-115	92	778	567	-238
Percent Difference	4.3%	0.7%	-1.8%	-3.5%	-1.4%	-3.4%	-3.0%	-0.9%	0.7%	3.5%	3.7%	-1.1%
Below Normal (15.9%)												
WSIP 2070 Without Project	9,338	15,858	28,009	28,074	31,335	29,958	17,088	11,829	13,035	21,299	14,328	11,210
WSIP 2070 With Project	10,126	16,347	28,580	25,626	30,266	27,998	16,975	11,668	13,455	21,670	14,887	13,195
Difference	788	489	571	-2,447	-1,069	-1,960	-113	-160	420	371	559	1,986
Percent Difference	8.4%	3.1%	2.0%	-8.7%	-3.4%	-6.5%	-0.7%	-1.4%	3.2%	1.7%	3.9%	17.7%
Dry (24.4%)												
WSIP 2070 Without Project	9,822	12,146	23,653	18,177	28,591	24,810	12,979	10,648	12,145	16,229	10,746	9,990
WSIP 2070 With Project	9,958	12,556	23,412	16,902	26,403	23,038	12,642	11,060	12,723	17,114	12,026	12,460
Difference	136	410	-241	-1,276	-2,188	-1,771	-336	411	578	884	1,281	2,470
Percent Difference	1.4%	3.4%	-1.0%	-7.0%	-7.7%	-7.1%	-2.6%	3.9%	4.8%	5.4%	11.9%	24.7%
Critical (14.6%)												
WSIP 2070 Without Project	7,076	7,307	13,812	15,311	17,286	14,291	10,639	7,969	9,838	11,588	9,819	7,492
WSIP 2070 With Project	6,725	7,867	12,367	14,369	16,673	13,974	10,749	7,986	10,414	12,346	9,832	8,873
Difference	-351	560	-1,445	-943	-613	-317	110	18	576	758	13	1,381
Percent Difference	-5.0%	7.7%	-10.5%	-6.2%	-3.5%	-2.2%	1.0%	0.2%	5.9%	6.5%	0.1%	18.4%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average

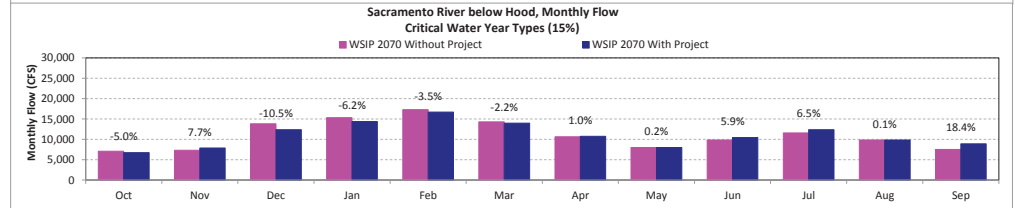
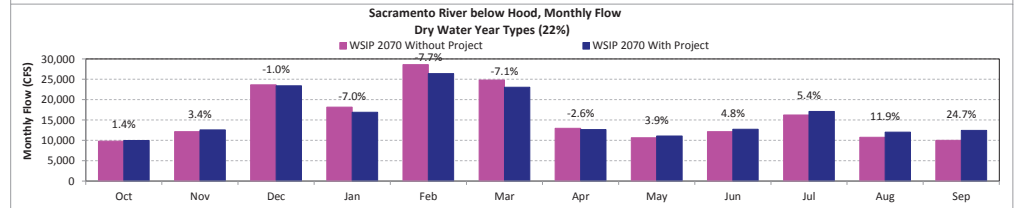
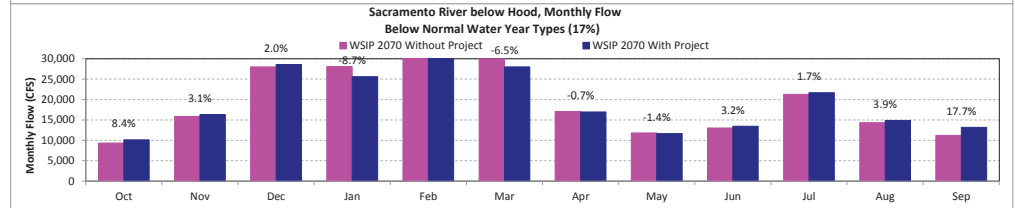
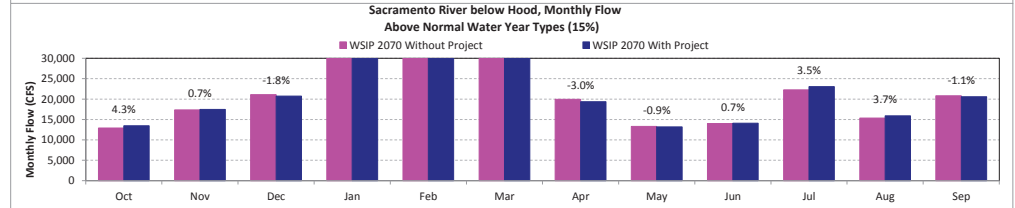
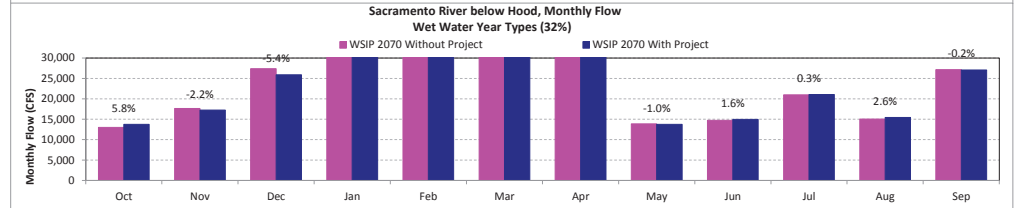
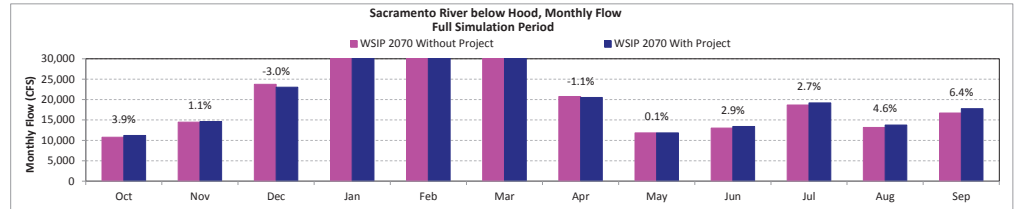


Table SW-31-a
Yolo Bypass, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
WSIP 2070 Without Project	145	198	4,415	16,387	21,977	11,678	2,512	110	83	48	111	102
WSIP 2070 With Project	320	190	4,130	15,772	21,148	10,994	2,359	109	83	69	282	344
Difference	176	-8	-285	-615	-830	-684	-153	0	0	21	171	242
Percent Difference ²			-6.5%	-3.8%	-3.8%	-5.9%	-6.1%					
Water Year Types²												
Wet (31.7%)												
WSIP 2070 Without Project	87	229	5,255	45,154	51,837	31,217	6,942	140	120	48	147	167
WSIP 2070 With Project	394	198	5,194	43,694	50,604	29,750	6,545	139	120	48	357	522
Difference	306	-31	-61	-1,461	-1,233	-1,467	-397	-1	0	0	210	354
Percent Difference			-1.2%	-3.2%	-2.4%	-4.7%	-5.7%					
Above Normal (13.4%)												
WSIP 2070 Without Project	35	159	2,379	12,344	32,290	8,356	947	196	65	48	98	67
WSIP 2070 With Project	265	139	1,951	11,580	30,562	7,847	750	196	65	174	240	345
Difference	229	-20	-427	-764	-1,728	-509	-197	0	0	126	142	278
Percent Difference			-18.0%	-6.2%	-5.4%	-6.1%	-20.8%					
Below Normal (15.9%)												
WSIP 2070 Without Project	48	229	3,748	1,976	3,139	1,489	614	66	67	48	118	91
WSIP 2070 With Project	282	233	3,284	1,761	2,210	1,392	610	66	67	76	268	379
Difference	234	3	-464	-215	-929	-97	-5	0	0	27	150	288
Percent Difference		1.4%	-12.4%	-10.9%	-29.6%	-6.5%	-0.7%				127.1%	
Dry (24.4%)												
WSIP 2070 Without Project	403	263	7,272	226	2,689	1,559	292	76	67	48	61	61
WSIP 2070 With Project	440	280	6,789	161	2,455	1,097	292	76	67	48	274	225
Difference	37	17	-483	-64	-233	-462	0	0	0	0	213	164
Percent Difference	9.2%	6.5%	-6.6%	-28.5%	-8.7%	-29.6%	0.0%					
Critical (14.6%)												
WSIP 2070 Without Project	41	24	425	310	384	291	107	68	64	48	120	75
WSIP 2070 With Project	53	24	305	312	366	135	107	68	64	48	185	121
Difference	11	0	-120	2	-18	-156	0	0	0	0	65	45
Percent Difference	27.1%	-0.6%	-28.3%	0.8%	-4.7%	-53.7%	0.0%	0.0%	0.0%	0.0%	54.3%	60.5%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average

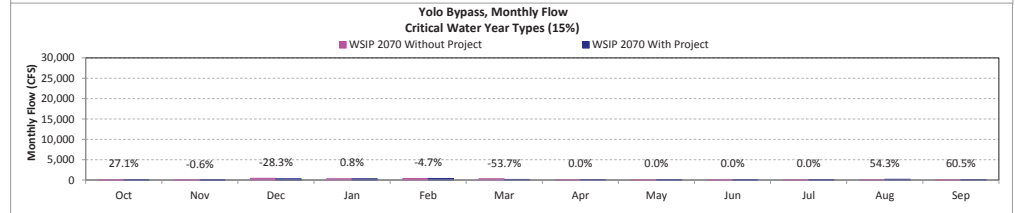
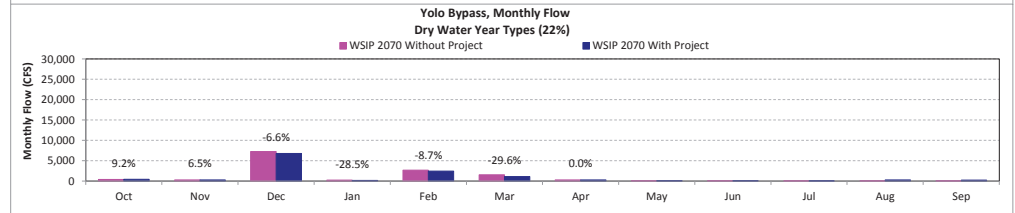
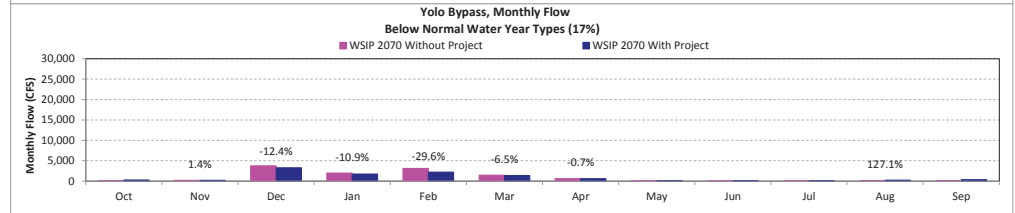
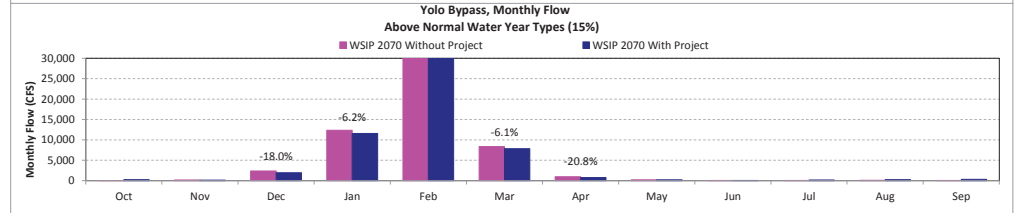
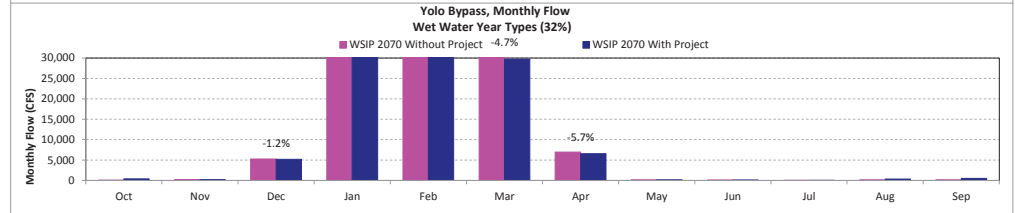
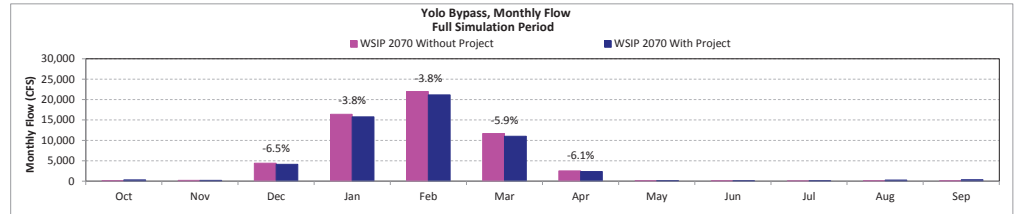


Table SW-32-a
Sacramento River at Rio Vista, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2070 Without Project	6,473	10,681	23,503	46,796	58,829	41,974	19,091	8,633	7,128	10,446	7,194	11,099
WSIP 2070 With Project	6,999	10,758	22,538	45,035	57,074	40,261	18,734	8,647	7,441	10,870	7,768	11,988
Difference	526	78	-965	-1,761	-1,755	-1,713	-357	14	313	424	573	889
Percent Difference ²	8.1%	0.7%	-4.1%	-3.8%	-3.0%	-4.1%	-1.9%	0.2%	4.4%	4.1%	8.0%	8.0%
Water Year Types²												
Wet (31.7%)												
WSIP 2070 Without Project	8,204	13,707	27,498	95,923	107,895	77,818	34,793	10,467	8,382	11,992	8,482	20,907
WSIP 2070 With Project	9,229	13,269	25,992	93,733	106,256	75,640	34,212	10,344	8,708	12,038	8,951	21,041
Difference	1,025	-437	-1,506	-2,190	-1,639	-1,978	-581	-124	326	46	469	133
Percent Difference	12.5%	-3.2%	-5.5%	-2.3%	-1.5%	-2.5%	-1.7%	-1.2%	3.9%	0.4%	5.5%	0.6%
Above Normal (13.4%)												
WSIP 2070 Without Project	8,017	13,241	19,030	51,055	84,667	45,975	16,792	10,012	7,806	12,837	8,667	12,486
WSIP 2070 With Project	8,740	13,372	18,202	48,915	82,183	44,157	16,066	9,911	7,870	13,928	9,192	12,605
Difference	723	131	-827	-2,141	-2,484	-1,819	-726	-101	64	1,092	525	118
Percent Difference	9.0%	1.0%	-4.3%	-4.2%	-2.9%	-4.0%	-4.3%	-1.0%	0.8%	8.5%	6.1%	0.9%
Below Normal (15.9%)												
WSIP 2070 Without Project	5,022	11,801	26,641	25,475	29,398	26,357	13,937	8,586	7,088	12,185	7,988	6,106
WSIP 2070 With Project	5,844	12,161	26,638	23,125	27,536	24,546	13,831	8,446	7,379	12,461	8,513	7,724
Difference	822	360	-3	-2,349	-1,862	-1,812	-107	-140	291	276	525	1,618
Percent Difference	16.4%	3.1%	0.0%	-9.2%	-6.3%	-6.9%	-0.8%	-1.6%	4.1%	2.3%	6.6%	26.5%
Dry (24.4%)												
WSIP 2070 Without Project	6,030	8,492	26,342	15,000	26,655	21,925	10,081	7,557	6,465	8,814	5,510	5,282
WSIP 2070 With Project	6,149	8,799	25,619	13,823	24,510	19,918	9,784	7,912	6,863	9,411	6,579	7,086
Difference	119	307	-723	-1,177	-2,145	-2,007	-297	355	398	597	1,069	1,804
Percent Difference	2.0%	3.6%	-2.7%	-7.8%	-8.0%	-9.2%	-2.9%	4.7%	6.2%	6.8%	19.4%	34.1%
Critical (14.6%)												
WSIP 2070 Without Project	3,617	4,211	10,815	12,542	14,338	11,411	7,775	5,241	4,940	5,740	5,000	3,679
WSIP 2070 With Project	3,241	4,667	9,453	11,722	13,768	10,967	7,871	5,256	5,336	6,245	5,070	4,597
Difference	-376	456	-1,362	-820	-570	-444	96	15	396	505	71	918
Percent Difference	-10.4%	10.8%	-12.6%	-6.5%	-4.0%	-3.9%	1.2%	0.3%	8.0%	8.8%	1.4%	25.0%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average

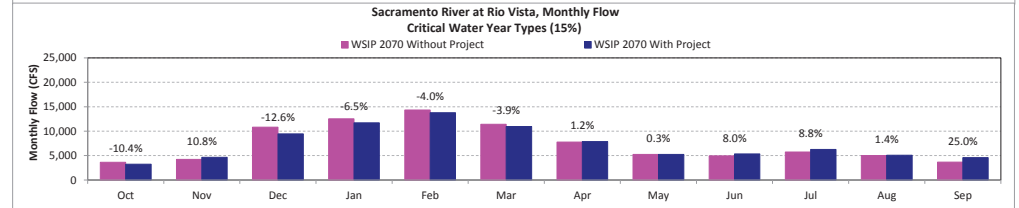
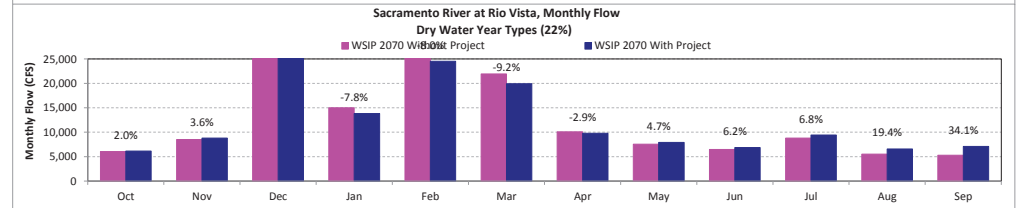
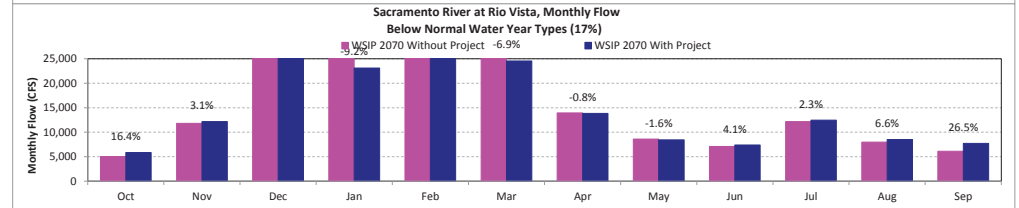
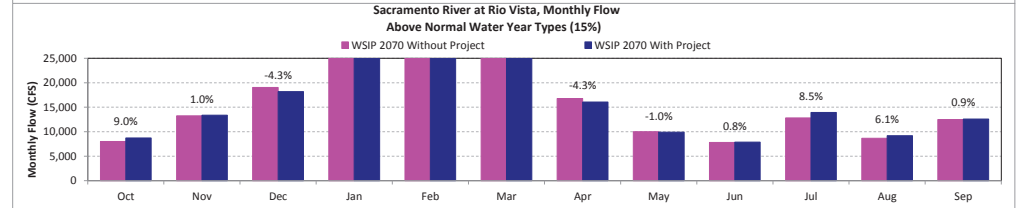
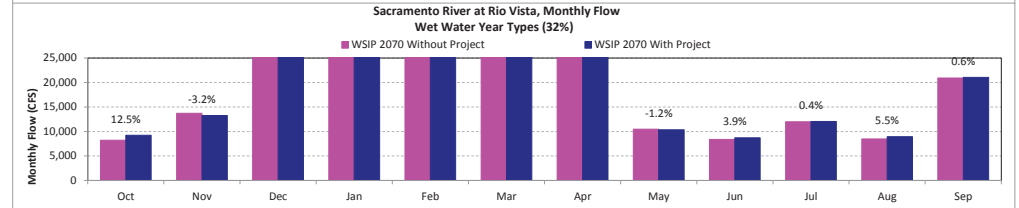
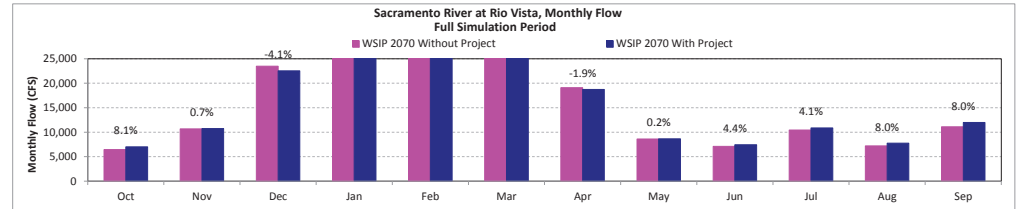


Table SW-33-a
Sacramento/San Joaquin River Delta, Monthly Outflow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Outflow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2070 Without Project	7,754	10,742	25,856	56,001	71,602	53,124	28,858	14,055	8,169	9,249	4,369	10,125
WSIP 2070 With Project	8,058	10,623	24,544	54,089	69,784	51,313	28,436	13,995	8,470	9,277	4,637	10,536
Difference	304	-119	-1,312	-1,912	-1,818	-1,812	-422	-60	301	28	268	411
Percent Difference ²	3.9%	-1.1%	-5.1%	-3.4%	-2.5%	-3.4%	-1.5%	-0.4%	3.7%	0.3%	6.1%	4.1%
Water Year Types²												
Wet (31.7%)												
WSIP 2070 Without Project	10,697	15,615	30,503	118,044	131,907	101,202	53,090	21,136	10,177	12,158	4,000	21,214
WSIP 2070 With Project	11,064	15,181	28,660	115,794	130,392	99,021	52,458	20,910	10,374	12,119	4,213	21,451
Difference	367	-434	-1,843	-2,251	-1,516	-2,182	-631	-225	197	-39	213	237
Percent Difference	3.4%	-2.8%	-6.0%	-1.9%	-1.1%	-2.2%	-1.2%	-1.1%	1.9%	-0.3%	5.3%	1.1%
Above Normal (13.4%)												
WSIP 2070 Without Project	8,878	12,100	17,493	60,774	104,346	56,760	26,907	15,536	8,039	13,271	4,050	12,457
WSIP 2070 With Project	9,238	11,897	16,667	58,621	101,743	55,114	26,095	15,397	8,118	13,671	4,147	12,706
Difference	360	-203	-826	-2,152	-2,603	-1,646	-812	-139	79	400	97	248
Percent Difference	4.1%	-1.7%	-4.7%	-3.5%	-2.5%	-2.9%	-3.0%	-0.9%	1.0%	3.0%	2.4%	2.0%
Below Normal (15.9%)												
WSIP 2070 Without Project	5,691	10,838	31,345	29,246	35,077	31,715	21,553	12,730	7,598	9,741	4,299	3,258
WSIP 2070 With Project	6,450	10,946	30,413	26,612	33,158	29,942	21,444	12,460	7,820	9,765	4,430	3,963
Difference	759	109	-932	-2,633	-1,918	-1,774	-109	-270	223	24	131	705
Percent Difference	13.3%	1.0%	-3.0%	-9.0%	-5.5%	-5.6%	-0.5%	-2.1%	2.9%	0.2%	3.1%	21.6%
Dry (24.4%)												
WSIP 2070 Without Project	6,665	7,274	29,616	15,807	32,236	26,374	14,807	9,608	7,134	5,937	4,858	3,105
WSIP 2070 With Project	6,876	6,889	29,015	14,530	29,720	24,049	14,353	9,921	7,630	5,826	5,343	3,626
Difference	212	-385	-602	-1,277	-2,515	-2,325	-454	313	496	-111	485	522
Percent Difference	3.2%	-5.3%	-2.0%	-8.1%	-7.8%	-8.8%	-3.1%	3.3%	6.9%	-1.9%	10.0%	16.8%
Critical (14.6%)												
WSIP 2070 Without Project	4,399	4,612	11,242	13,176	16,105	13,400	9,476	6,202	6,282	4,250	4,722	3,104
WSIP 2070 With Project	4,175	5,454	9,037	11,942	15,621	13,053	9,580	6,180	6,773	4,317	5,053	3,535
Difference	-224	842	-2,205	-1,234	-484	-347	104	-22	492	67	331	431
Percent Difference	-5.1%	18.2%	-19.6%	-9.4%	-3.0%	-2.6%	1.1%	-0.4%	7.8%	1.6%	7.0%	13.9%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average

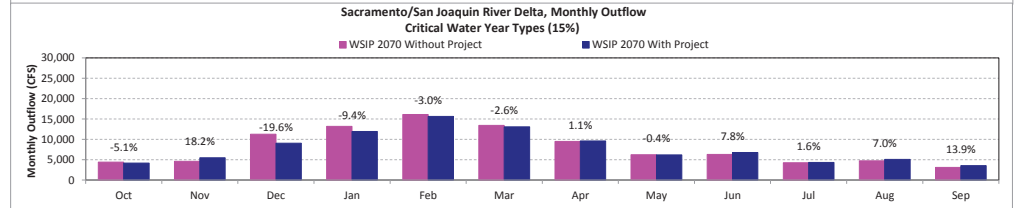
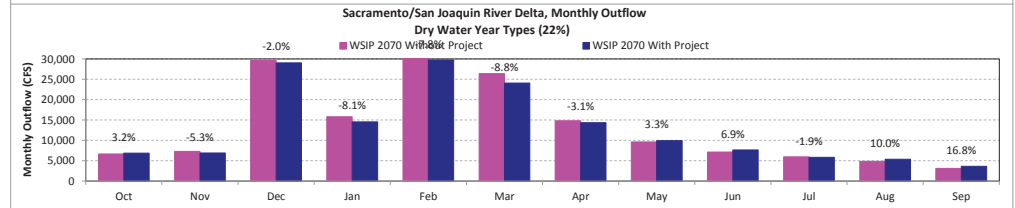
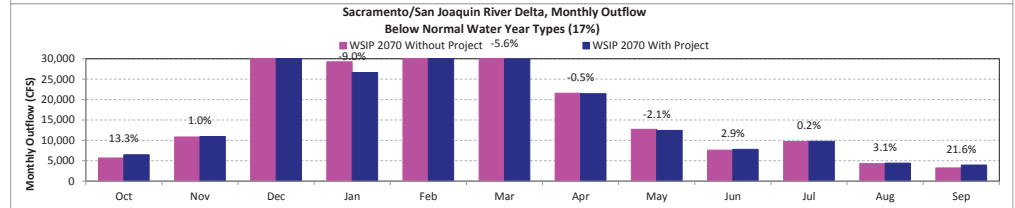
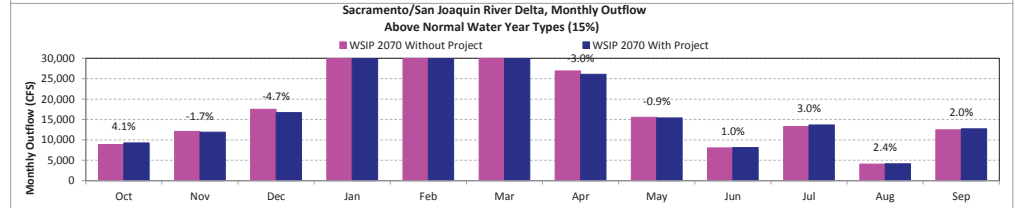
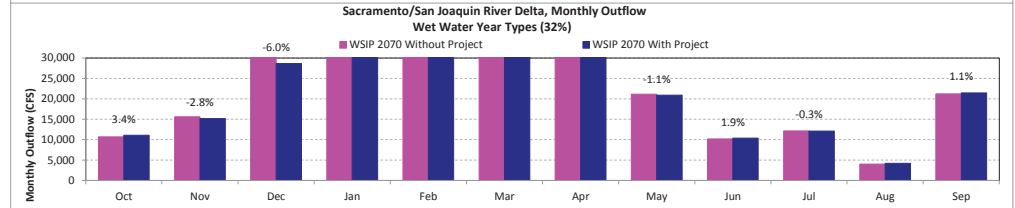
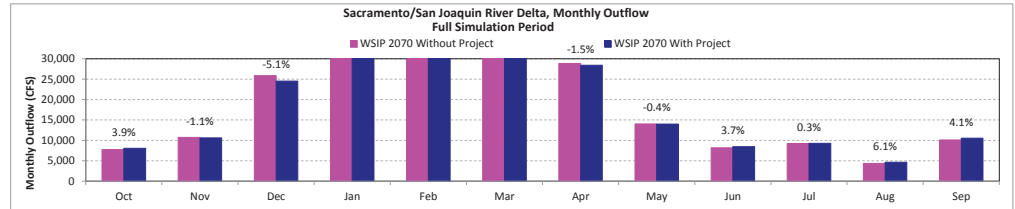


Table SW-34-a
Delta Cross Channel, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
WSIP 2070 Without Project	4,055	3,716	4,565	5,740	6,700	5,792	3,827	2,684	4,936	7,127	5,304	5,182
WSIP 2070 With Project	4,111	3,776	4,539	5,572	6,565	5,642	3,797	2,687	4,999	7,236	5,503	5,591
Difference	56	60	-25	-168	-135	-150	-30	2	63	109	199	409
Percent Difference ²	1.4%	1.6%	-0.6%	-2.9%	-2.0%	-2.6%	-0.8%	0.1%	1.3%	1.5%	3.7%	7.9%
Water Year Types³												
Wet (31.7%)												
WSIP 2070 Without Project	4,463	3,902	5,049	8,653	9,491	8,126	5,467	2,948	5,460	7,894	5,929	5,843
WSIP 2070 With Project	4,499	3,922	4,996	8,546	9,431	8,051	5,440	2,930	5,369	7,916	6,057	6,001
Difference	36	20	-53	-107	-60	-75	-27	-18	-92	22	128	158
Percent Difference	0.8%	0.5%	-1.0%	-1.2%	-0.6%	-0.9%	-0.5%	-0.6%	-1.7%	0.3%	2.2%	2.7%
Above Normal (13.4%)												
WSIP 2070 Without Project	4,528	3,963	4,326	6,936	8,924	6,885	3,724	2,874	5,233	8,315	6,026	7,830
WSIP 2070 With Project	4,586	3,938	4,360	6,734	8,813	6,693	3,646	2,860	5,261	8,127	6,213	7,752
Difference	59	-25	34	-202	-111	-192	-78	-15	28	-188	187	-79
Percent Difference	1.3%	-0.6%	0.8%	-2.9%	-1.2%	-2.8%	-2.1%	-0.5%	0.5%	-2.3%	3.1%	-1.0%
Below Normal (15.9%)												
WSIP 2070 Without Project	3,949	4,014	5,050	4,762	5,180	5,003	3,357	2,685	4,940	7,993	5,690	4,660
WSIP 2070 With Project	4,148	4,135	5,155	4,449	5,043	4,753	3,343	2,664	5,067	8,116	5,875	5,316
Difference	199	120	105	-313	-137	-251	-14	-21	127	123	185	656
Percent Difference	5.0%	3.0%	2.1%	-6.6%	-2.6%	-5.0%	-0.4%	-0.8%	2.6%	1.5%	3.2%	14.1%
Dry (24.4%)												
WSIP 2070 Without Project	3,832	3,642	4,507	3,497	4,829	4,345	2,832	2,534	4,669	6,318	4,506	4,257
WSIP 2070 With Project	3,882	3,753	4,507	3,334	4,549	4,118	2,789	2,586	4,845	6,610	4,930	5,073
Difference	50	111	0	-163	-280	-227	-43	53	175	292	423	816
Percent Difference	1.3%	3.0%	0.0%	-4.7%	-5.8%	-5.2%	-1.5%	2.1%	3.8%	4.6%	9.4%	19.2%
Critical (14.6%)												
WSIP 2070 Without Project	3,223	2,888	3,305	3,130	3,383	3,000	2,533	2,191	3,970	4,785	4,200	3,431
WSIP 2070 With Project	3,178	2,959	3,102	3,010	3,304	2,959	2,547	2,193	4,144	5,035	4,204	3,888
Difference	-45	71	-203	-121	-78	-41	14	2	175	250	4	456
Percent Difference	-1.4%	2.5%	-6.1%	-3.9%	-2.3%	-1.4%	0.6%	0.1%	4.4%	5.2%	0.1%	13.3%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average

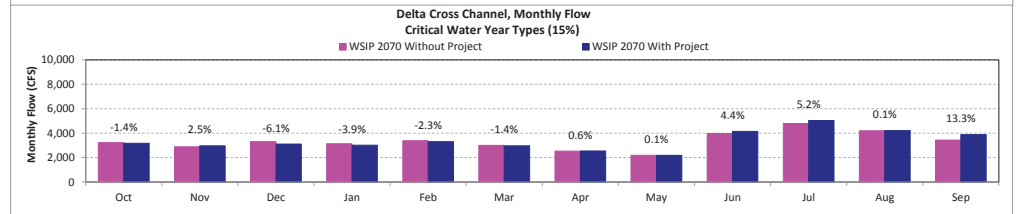
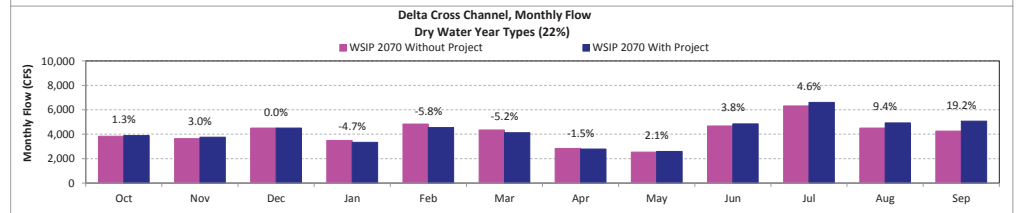
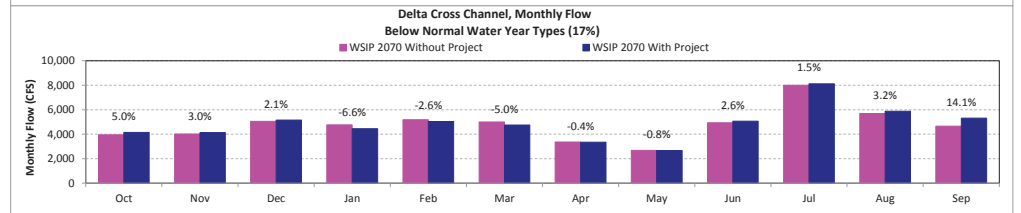
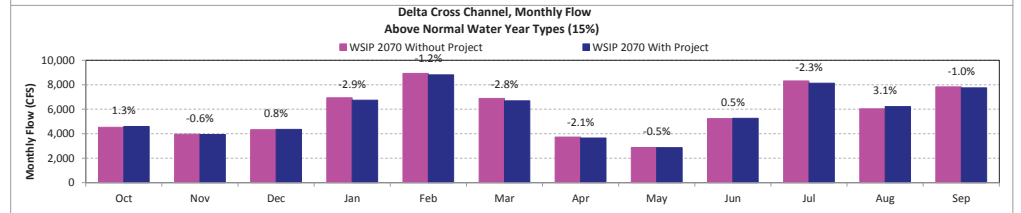
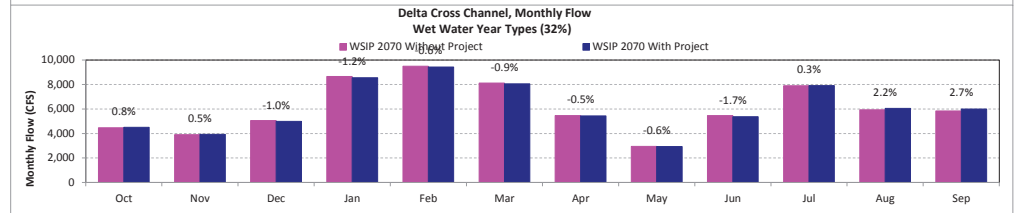
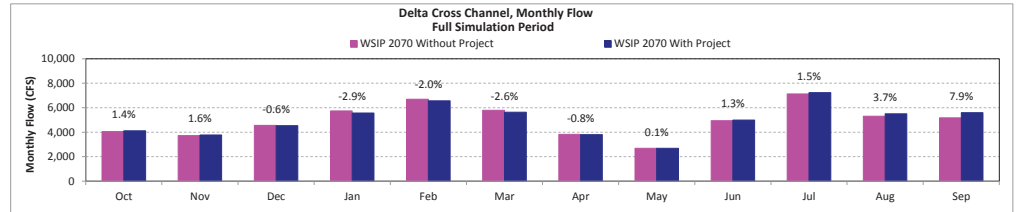


Table SW-35-a
Old and Middle River, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
WSIP 2070 Without Project	-4,059	-5,583	-5,063	-2,578	-1,591	-1,381	1,213	441	-3,396	-6,946	-7,346	-6,409
WSIP 2070 With Project	-4,322	-5,816	-5,355	-2,568	-1,526	-1,332	1,186	382	-3,462	-7,412	-7,825	-7,229
Difference	-263	-232	-291	9	66	48	-27	-59	-66	-466	-479	-820
Percent Difference ²							-2.2%	-13.5%				
Water Year Types ²												
Wet (31.7%)												
WSIP 2070 Without Project	-3,659	-4,766	-5,714	-144	101	1,666	3,493	2,216	-4,472	-6,842	-9,674	-6,326
WSIP 2070 With Project	-4,292	-4,779	-5,972	-104	273	1,554	3,481	2,151	-4,495	-6,940	-10,045	-6,376
Difference	-632	-13	-259	40	172	-111	-12	-64	-23	-98	-371	-49
Percent Difference	-6.7%	-0.3%	-2.9%	0.3%	10.8%	-6.6%	-0.3%	-2.9%	-0.5%	-1.4%	-3.9%	-0.8%
Above Normal (13.4%)												
WSIP 2070 Without Project	-5,257	-6,363	-7,450	-2,685	-535	-3,261	1,384	578	-4,537	-6,364	-9,611	-7,675
WSIP 2070 With Project	-5,668	-6,662	-7,461	-2,487	-540	-2,894	1,383	584	-4,550	-6,809	-10,248	-7,466
Difference	-411	-299	-11	198	-4	368	-2	7	-13	-446	-637	209
Percent Difference	-7.8%	-4.7%	-0.1%	7.4%	-0.1%	26.6%	-0.1%	1.2%	-0.3%	-7.0%	-6.7%	2.7%
Below Normal (15.9%)												
WSIP 2070 Without Project	-4,472	-7,348	-4,287	-3,511	-2,900	-3,896	477	-121	-3,304	-8,682	-8,350	-7,520
WSIP 2070 With Project	-4,706	-7,679	-5,223	-3,511	-2,819	-3,639	487	-218	-3,485	-9,006	-8,887	-8,950
Difference	-235	-331	-937	0	80	258	10	-97	-181	-324	-537	-1,429
Percent Difference	-5.3%	-4.5%	-22.1%	0.0%	2.7%	6.6%	2.1%	-8.0%	-5.5%	-3.7%	-6.3%	-19.1%
Dry (24.4%)												
WSIP 2070 Without Project	-4,305	-6,230	-4,220	-4,414	-2,574	-2,286	-90	-754	-2,666	-7,559	-4,517	-6,442
WSIP 2070 With Project	-4,278	-6,969	-4,114	-4,371	-2,662	-2,369	-190	-834	-2,738	-8,498	-5,477	-8,371
Difference	27	-739	106	43	-88	-83	-99	-81	-72	-938	-960	-1,929
Percent Difference	0.6%	-11.9%	2.5%	1.0%	-3.4%	-3.6%	-11.0%	-10.7%	-2.7%	-12.4%	-21.3%	-30.0%
Critical (14.6%)												
WSIP 2070 Without Project	-3,226	-3,442	-3,844	-3,511	-2,799	-1,878	-788	-846	-1,296	-4,690	-3,745	-3,938
WSIP 2070 With Project	-3,087	-3,162	-4,426	-3,771	-2,659	-1,753	-789	-879	-1,369	-5,329	-3,503	-4,845
Difference	139	279	-582	-260	140	125	-1	-33	-73	-639	242	-906
Percent Difference	4.3%	8.1%	-15.2%	-7.4%	5.0%	6.7%	-0.1%	-3.9%	-5.6%	-13.6%	6.5%	-22.8%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average

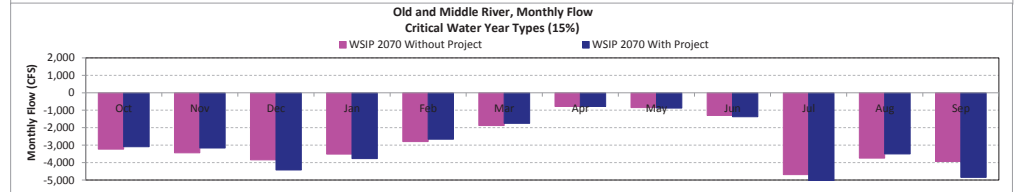
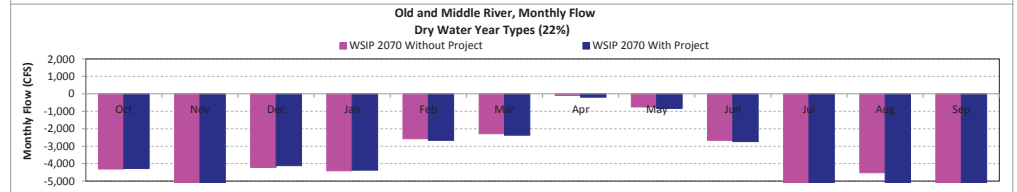
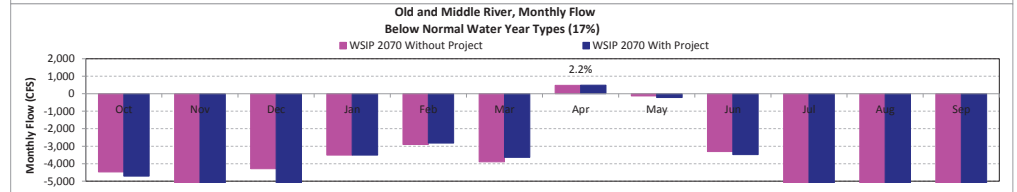
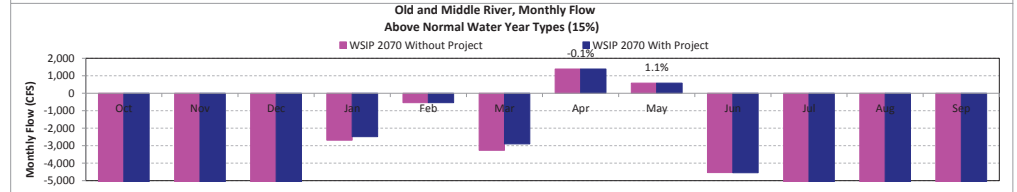
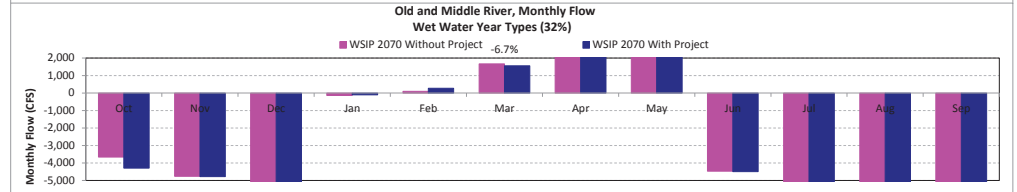
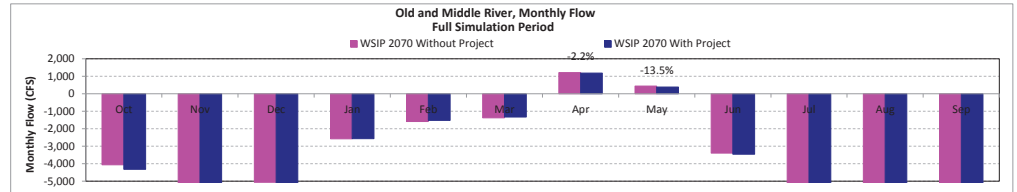


Table SW-36-a
Total Banks Pumping Plant (SWP and CVP) and Jones Pumping Plant (CVP), Monthly Diversion
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Diversion (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
WSIP 2070 Without Project	4,636	6,355	7,939	6,942	7,362	6,854	2,631	2,256	3,858	7,111	7,647	7,154
WSIP 2070 With Project	4,918	6,590	8,264	6,927	7,287	6,796	2,657	2,312	3,926	7,602	8,163	8,045
Difference	281	236	325	-14	-74	-57	26	56	68	492	517	891
Percent Difference ²	6.1%	3.7%	4.1%	-0.2%	-1.0%	-0.8%	1.0%	2.5%	1.8%	6.9%	6.8%	12.5%
Water Year Types²												
Wet (31.7%)												
WSIP 2070 Without Project	4,417	5,702	9,514	9,519	10,959	9,440	3,647	3,388	6,082	7,664	10,400	7,292
WSIP 2070 With Project	5,094	5,713	9,793	9,463	10,762	9,552	3,636	3,424	6,098	7,770	10,791	7,351
Difference	677	12	278	-56	-197	112	-11	36	16	107	390	59
Percent Difference	15.3%	0.2%	2.9%	-0.6%	-1.8%	1.2%	-0.3%	1.1%	0.3%	1.4%	3.8%	0.8%
Above Normal (13.4%)												
WSIP 2070 Without Project	5,713	7,386	9,143	6,291	8,980	9,382	2,680	1,748	5,187	6,767	10,272	8,741
WSIP 2070 With Project	6,132	7,695	9,167	6,101	8,986	9,007	2,677	1,746	5,200	7,216	10,899	8,534
Difference	419	309	23	-190	6	-374	-3	-2	13	449	627	-206
Percent Difference	7.3%	4.2%	0.3%	-3.0%	0.1%	-4.0%	-0.1%	-0.1%	0.3%	6.6%	6.1%	-2.4%
Below Normal (15.9%)												
WSIP 2070 Without Project	5,020	8,339	8,137	5,498	5,546	7,133	2,543	2,038	3,318	8,667	8,638	8,297
WSIP 2070 With Project	5,261	8,638	9,188	5,476	5,458	6,850	2,537	2,148	3,514	9,012	9,219	9,865
Difference	240	299	1,051	-22	-88	-283	-6	110	196	345	581	1,568
Percent Difference	4.8%	3.6%	12.9%	-0.4%	-1.6%	-4.0%	-0.2%	5.4%	5.9%	4.0%	6.7%	18.9%
Dry (24.4%)												
WSIP 2070 Without Project	4,808	6,906	6,899	6,173	4,929	4,246	2,066	1,752	2,464	7,393	4,457	7,111
WSIP 2070 With Project	4,773	7,675	6,794	6,122	5,027	4,337	2,191	1,842	2,541	8,387	5,500	9,192
Difference	-35	768	-106	-51	98	91	125	90	78	994	1,043	2,081
Percent Difference	-0.7%	11.1%	-1.5%	-0.8%	2.0%	2.1%	6.0%	5.1%	3.2%	13.4%	23.4%	29.3%
Critical (14.6%)												
WSIP 2070 Without Project	3,422	3,754	4,941	4,799	4,105	2,976	1,422	1,346	729	4,072	3,516	4,232
WSIP 2070 With Project	3,292	3,450	5,576	5,105	3,952	2,840	1,423	1,382	806	4,759	3,258	5,217
Difference	-130	-303	635	306	-153	-137	1	36	77	687	-259	985
Percent Difference	-3.8%	-8.1%	12.9%	6.4%	-3.7%	-4.6%	0.0%	2.7%	10.6%	16.9%	-7.4%	23.3%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average



Table SW-37-a
Jones Pumping Plant (CVP), Monthly Diversion
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Diversion (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2070 Without Project	2,497	2,998	3,487	3,133	2,992	2,706	1,263	1,110	1,727	2,348	3,123	2,826
WSIP 2070 With Project	2,262	2,848	3,566	3,080	2,928	2,686	1,284	1,094	1,771	2,654	3,352	3,243
Difference	-236	-150	79	-53	-63	-20	22	-15	44	307	229	417
Percent Difference ²	-9.4%	-5.0%	2.3%	-1.7%	-2.1%	-0.7%	1.7%	-1.4%	2.5%	13.1%	7.3%	14.7%
Water Year Types³												
Wet (31.7%)												
WSIP 2070 Without Project	2,028	2,351	4,050	3,792	3,896	3,320	1,557	1,518	2,658	2,198	3,776	2,581
WSIP 2070 With Project	2,230	2,247	4,071	3,704	3,656	3,354	1,619	1,529	2,696	2,254	4,184	2,546
Difference	202	-104	21	-87	-240	34	63	11	38	56	408	-35
Percent Difference	9.9%	-4.4%	0.5%	-2.3%	-6.2%	1.0%	4.0%	0.7%	1.4%	2.6%	10.8%	-1.4%
Above Normal (13.4%)												
WSIP 2070 Without Project	2,733	3,418	3,892	2,903	3,737	3,914	1,341	879	2,276	1,640	3,425	2,749
WSIP 2070 With Project	2,347	3,450	3,985	2,700	3,696	3,454	1,315	889	2,327	2,425	4,051	2,391
Difference	-387	32	93	-203	-41	-460	-26	10	51	785	627	-358
Percent Difference	-14.1%	0.9%	2.4%	-7.0%	-1.1%	-11.8%	-1.9%	1.1%	2.2%	47.9%	18.3%	-13.0%
Below Normal (15.9%)												
WSIP 2070 Without Project	2,556	4,081	3,690	2,749	2,411	3,015	1,188	968	1,427	2,735	3,040	3,145
WSIP 2070 With Project	2,366	3,770	4,037	2,738	2,410	3,098	1,180	978	1,544	3,264	3,574	4,184
Difference	-190	-310	347	-11	-2	84	-8	10	116	529	534	1,039
Percent Difference	-7.4%	-7.6%	9.4%	-0.4%	-0.1%	2.8%	-0.7%	1.0%	8.1%	19.4%	17.6%	33.0%
Dry (24.4%)												
WSIP 2070 Without Project	2,948	3,401	3,104	3,108	2,307	1,985	1,107	961	1,160	2,904	2,429	3,113
WSIP 2070 With Project	2,322	3,382	2,909	3,071	2,386	2,030	1,142	873	1,194	3,189	2,422	4,178
Difference	-627	-19	-195	-37	79	45	35	-88	33	284	-7	1,064
Percent Difference	-21.3%	-0.6%	-6.3%	-1.2%	3.4%	2.3%	3.1%	-9.2%	2.9%	9.8%	-0.3%	34.2%
Critical (14.6%)												
WSIP 2070 Without Project	2,482	2,170	2,315	2,372	2,119	1,137	896	839	474	1,976	2,680	2,601
WSIP 2070 With Project	2,039	1,707	2,672	2,459	2,114	1,183	882	837	465	2,182	2,219	2,953
Difference	-443	-463	357	87	-5	46	-14	-2	-9	206	-461	352
Percent Difference	-17.9%	-21.3%	15.4%	3.7%	-0.2%	4.1%	-1.6%	-0.2%	-1.9%	10.4%	-17.2%	13.5%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average

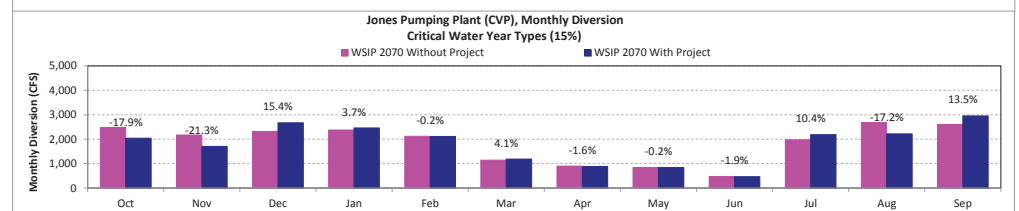
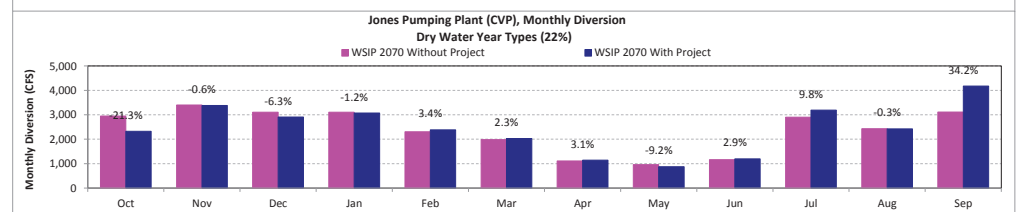
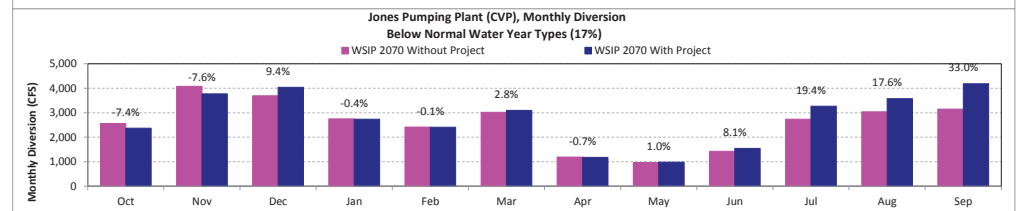
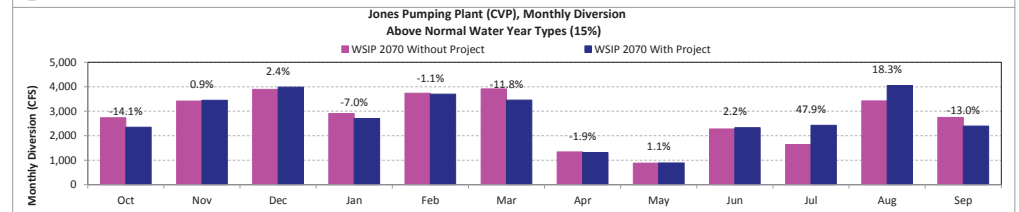
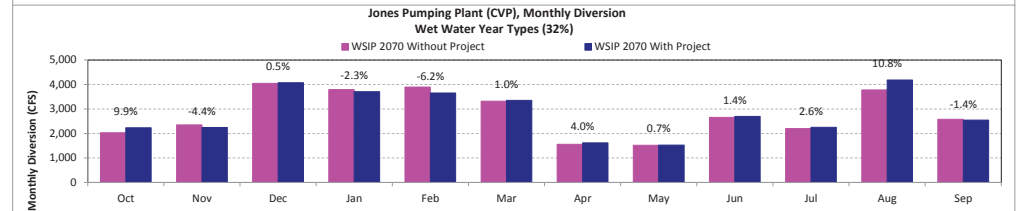
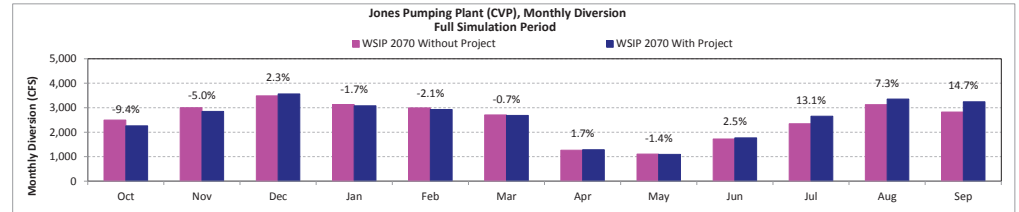


Table SW-38-a
Banks Pumping Plant (SWP and CVP), Monthly Diversion
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Diversion (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2070 Without Project	2,139	3,357	4,452	3,809	4,370	4,147	1,368	1,147	2,131	4,763	4,523	4,328
WSIP 2070 With Project	2,656	3,742	4,698	3,848	4,359	4,110	1,372	1,218	2,155	4,948	4,811	4,802
Difference	517	386	246	39	-11	-38	4	71	24	185	288	475
Percent Difference ²	24.2%	11.5%	5.5%	1.0%	-0.2%	-0.9%	0.3%	6.2%	1.1%	3.9%	6.4%	11.0%
Water Year Types²												
Wet (31.7%)												
WSIP 2070 Without Project	2,389	3,350	5,465	5,727	7,063	6,120	2,091	1,871	3,424	5,466	6,625	4,711
WSIP 2070 With Project	2,864	3,466	5,722	5,759	7,106	6,197	2,017	1,895	3,402	5,516	6,607	4,805
Difference	476	115	257	32	43	78	-74	24	-22	50	-18	94
Percent Difference	19.9%	3.4%	4.7%	0.6%	0.6%	1.3%	-3.5%	1.3%	-0.6%	0.9%	-0.3%	2.0%
Above Normal (13.4%)												
WSIP 2070 Without Project	2,980	3,968	5,252	3,388	5,244	5,467	1,339	869	2,911	5,127	6,848	5,991
WSIP 2070 With Project	3,785	4,246	5,182	3,401	5,290	5,553	1,362	857	2,874	4,792	6,848	6,143
Difference	805	277	-70	13	47	86	23	-12	-38	-335	0	152
Percent Difference	27.0%	7.0%	-1.3%	0.4%	0.9%	1.6%	1.7%	-1.4%	-1.3%	-6.5%	0.0%	2.5%
Below Normal (15.9%)												
WSIP 2070 Without Project	2,464	4,258	4,446	2,749	3,135	4,118	1,355	1,070	1,891	5,933	5,598	5,152
WSIP 2070 With Project	2,894	4,868	5,150	2,738	3,048	3,752	1,357	1,171	1,970	5,748	5,645	5,680
Difference	430	610	704	-11	-86	-367	2	100	80	-184	46	528
Percent Difference	17.5%	14.3%	15.8%	-0.4%	-2.8%	-8.9%	0.2%	9.4%	4.2%	-3.1%	0.8%	10.3%
Dry (24.4%)												
WSIP 2070 Without Project	1,860	3,505	3,795	3,065	2,621	2,261	959	791	1,303	4,489	2,027	3,998
WSIP 2070 With Project	2,452	4,293	3,885	3,051	2,641	2,307	1,049	970	1,348	5,198	3,077	5,015
Difference	592	787	90	-14	19	46	90	178	44	709	1,050	1,017
Percent Difference	31.8%	22.5%	2.4%	-0.5%	0.7%	2.0%	9.4%	22.6%	3.4%	15.8%	51.8%	25.4%
Critical (14.6%)												
WSIP 2070 Without Project	940	1,584	2,626	2,427	1,986	1,839	526	507	255	2,096	836	1,630
WSIP 2070 With Project	1,253	1,743	2,904	2,646	1,837	1,656	541	545	341	2,576	1,039	2,264
Difference	313	159	278	219	-148	-183	15	38	86	481	203	633
Percent Difference	33.3%	10.1%	10.6%	9.0%	-7.5%	-10.0%	2.8%	7.5%	33.6%	22.9%	24.3%	38.9%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average



Table SW-39-a
Banks Pumping Plant (SWP), Monthly Diversion
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Diversion (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2070 Without Project	2,139	2,895	4,439	3,809	4,358	4,130	1,368	1,147	2,131	4,639	4,214	4,218
WSIP 2070 With Project	2,646	3,302	4,671	3,847	4,348	4,104	1,372	1,218	2,150	4,797	4,495	4,722
Difference	508	407	232	38	-10	-26	4	71	19	158	281	504
Percent Difference ²	23.7%	14.1%	5.2%	1.0%	-0.2%	-0.6%	0.3%	6.2%	0.9%	3.4%	6.7%	11.9%
Water Year Types²												
Wet (31.7%)												
WSIP 2070 Without Project	2,389	2,395	5,434	5,727	7,041	6,080	2,091	1,871	3,424	5,421	6,332	4,711
WSIP 2070 With Project	2,864	2,582	5,707	5,759	7,090	6,196	2,017	1,895	3,385	5,449	6,270	4,786
Difference	476	186	273	32	48	116	-74	24	-39	29	-61	76
Percent Difference	19.9%	7.8%	5.0%	0.6%	0.7%	1.9%	-3.5%	1.3%	-1.1%	0.5%	-1.0%	1.6%
Above Normal (13.4%)												
WSIP 2070 Without Project	2,980	2,935	5,242	3,388	5,244	5,467	1,339	869	2,911	5,094	6,674	5,991
WSIP 2070 With Project	3,785	3,296	5,140	3,401	5,290	5,553	1,362	857	2,874	4,699	6,680	6,143
Difference	805	362	-102	13	47	86	23	-12	-38	-395	6	152
Percent Difference	27.0%	12.3%	-1.9%	0.4%	0.9%	1.6%	1.7%	-1.4%	-1.3%	-7.7%	0.1%	2.5%
Below Normal (15.9%)												
WSIP 2070 Without Project	2,464	4,130	4,446	2,749	3,135	4,103	1,355	1,070	1,891	5,795	5,069	4,831
WSIP 2070 With Project	2,870	4,764	5,063	2,738	3,022	3,752	1,357	1,171	1,970	5,577	5,251	5,559
Difference	406	635	617	-11	-113	-352	2	100	80	-218	182	728
Percent Difference	16.5%	15.4%	13.9%	-0.4%	-3.6%	-8.6%	0.2%	9.4%	4.2%	-3.8%	3.6%	15.1%
Dry (24.4%)												
WSIP 2070 Without Project	1,860	3,505	3,795	3,065	2,614	2,253	959	791	1,303	4,223	1,682	3,802
WSIP 2070 With Project	2,427	4,230	3,873	3,051	2,634	2,297	1,049	970	1,348	4,929	2,650	4,847
Difference	568	725	78	-14	19	44	90	178	44	706	968	1,045
Percent Difference	30.5%	20.7%	2.0%	-0.5%	0.7%	1.9%	9.4%	22.6%	3.4%	16.7%	57.6%	27.5%
Critical (14.6%)												
WSIP 2070 Without Project	938	1,584	2,616	2,427	1,963	1,838	526	507	251	1,967	663	1,553
WSIP 2070 With Project	1,253	1,737	2,904	2,640	1,837	1,637	541	545	341	2,406	900	2,164
Difference	315	153	288	213	-126	-201	15	38	90	439	237	611
Percent Difference	33.6%	9.7%	11.0%	8.8%	-6.4%	-10.9%	2.8%	7.5%	35.8%	22.3%	35.8%	39.3%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average

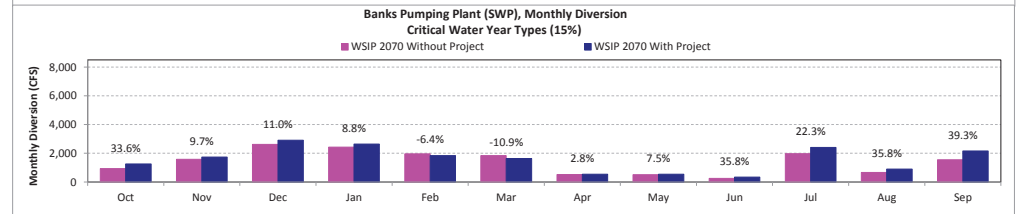
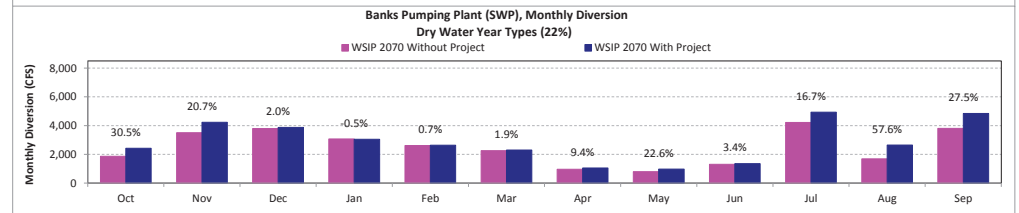
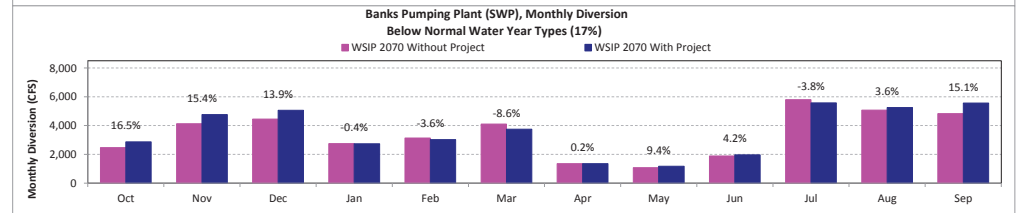
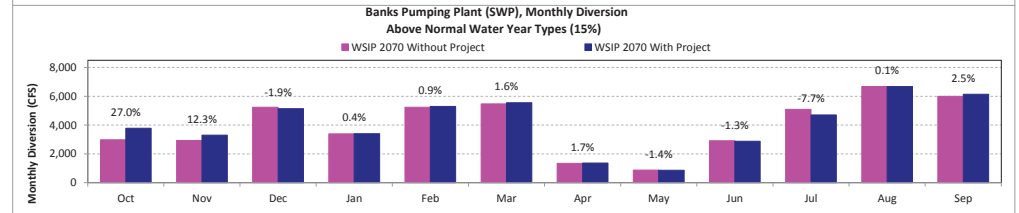
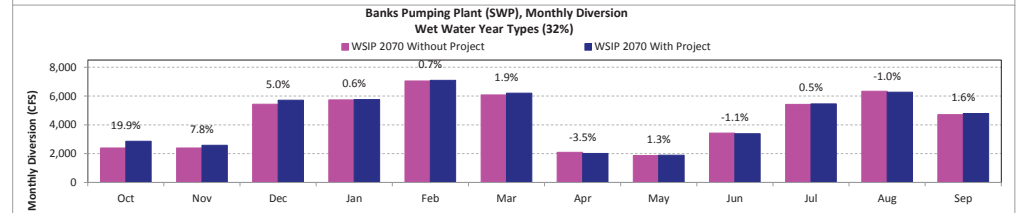
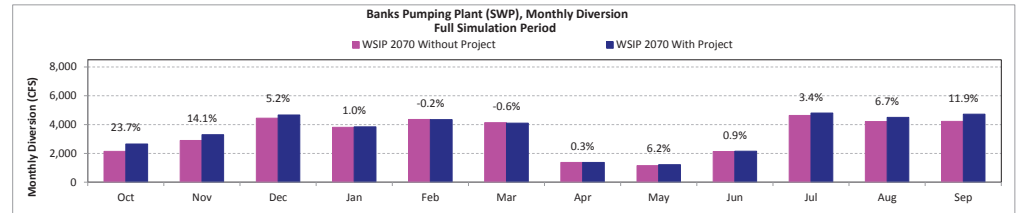


Table SW-40-a
Banks Pumping Plant (CVP), Monthly Diversion
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Diversion (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2070 Without Project	0	390	0	0	7	13	0	0	0	47	134	23
WSIP 2070 With Project	3	367	17	0	5	0	0	0	5	48	134	6
Difference	3	-23	17	0	-2	-12	0	0	5	1	0	-16
Percent Difference ²		-5.8%			-24.4%	-97.0%			2.1%	0.0%		-72.5%
Water Year Types²												
Wet (31.7%)												
WSIP 2070 Without Project	0	811	0	0	22	40	0	0	0	24	160	0
WSIP 2070 With Project	0	758	0	0	16	1	0	0	17	52	195	7
Difference	0	-53	0	0	-5	-38	0	0	17	28	36	7
Percent Difference		-6.5%			-24.4%	-97.0%			119.1%	22.4%		
Above Normal (13.4%)												
WSIP 2070 Without Project	0	841	0	0	0	0	0	0	0	19	4	0
WSIP 2070 With Project	0	780	0	0	0	0	0	0	0	73	0	0
Difference	0	-60	0	0	0	0	0	0	0	54	-4	0
Percent Difference		-7.2%										
Below Normal (15.9%)												
WSIP 2070 Without Project	0	126	0	0	0	0	0	0	0	8	239	100
WSIP 2070 With Project	2	73	87	0	0	0	0	0	0	16	141	9
Difference	2	-53	87	0	0	0	0	0	0	8	-98	-90
Percent Difference		-42.3%								107.5%	-40.8%	-90.8%
Dry (24.4%)												
WSIP 2070 Without Project	0	0	0	0	0	0	0	0	0	136	151	28
WSIP 2070 With Project	12	44	12	0	0	0	0	0	0	55	183	10
Difference	12	44	12	0	0	0	0	0	0	-81	32	-18
Percent Difference										-59.7%	21.1%	-62.8%
Critical (14.6%)												
WSIP 2070 Without Project	2	0	0	0	0	0	0	0	0	20	55	0
WSIP 2070 With Project	0	0	0	0	0	0	0	0	0	42	34	0
Difference	-2	0	0	0	0	0	0	0	0	22	-21	0
Percent Difference	-100.0%									113.2%	-38.4%	

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average

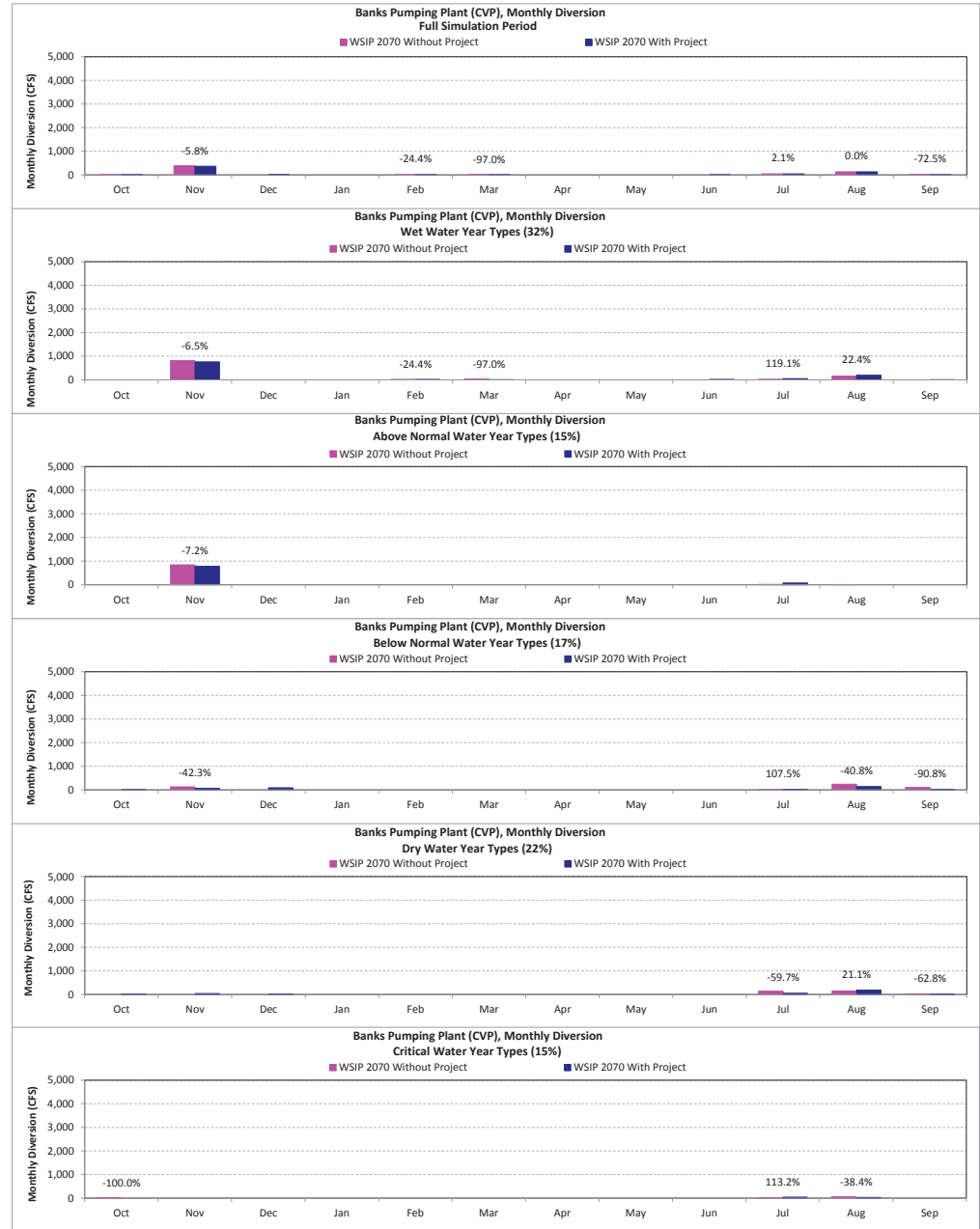


Table SW-41-a
San Luis Reservoir (SWP and CVP), End of Month Storage
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Storage (TAF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2070 Without Project	427	528	782	1,092	1,357	1,549	1,450	1,198	877	681	535	500
WSIP 2070 With Project	449	549	806	1,109	1,367	1,547	1,440	1,179	843	658	525	522
Difference	21	21	24	18	10	-1	-9	-19	-34	-23	-10	22
Percent Difference ²	5.0%	3.9%	3.1%	1.6%	0.7%	-0.1%	-0.6%	-1.6%	-3.9%	-3.4%	-1.8%	4.4%
Water Year Types²												
Wet (31.7%)												
WSIP 2070 Without Project	516	480	738	1,323	1,718	1,946	1,822	1,548	1,241	937	810	695
WSIP 2070 With Project	537	497	772	1,306	1,692	1,933	1,805	1,526	1,212	911	801	679
Difference	21	17	34	-17	-26	-13	-18	-22	-28	-26	-9	-16
Percent Difference	4.0%	3.6%	4.6%	-1.3%	-1.5%	-0.7%	-1.0%	-1.4%	-2.3%	-2.8%	-1.1%	-2.3%
Above Normal (13.4%)												
WSIP 2070 Without Project	441	496	763	1,032	1,400	1,734	1,589	1,238	884	575	510	505
WSIP 2070 With Project	440	514	774	1,095	1,444	1,736	1,584	1,222	855	555	520	489
Difference	0	18	10	63	44	3	-5	-16	-28	-20	9	-16
Percent Difference	-0.1%	3.6%	1.4%	6.1%	3.1%	0.2%	-0.3%	-1.3%	-3.2%	-3.5%	1.8%	-3.2%
Below Normal (15.9%)												
WSIP 2070 Without Project	496	726	998	1,026	1,211	1,479	1,384	1,119	757	653	553	566
WSIP 2070 With Project	545	776	1,097	1,051	1,222	1,453	1,353	1,088	721	619	535	621
Difference	49	49	99	25	11	-25	-31	-30	-36	-34	-18	55
Percent Difference	9.9%	6.8%	9.9%	2.4%	0.9%	-1.7%	-2.2%	-2.7%	-4.8%	-5.2%	-3.2%	9.7%
Dry (24.4%)												
WSIP 2070 Without Project	342	553	811	1,045	1,209	1,304	1,234	1,016	691	587	327	339
WSIP 2070 With Project	380	601	809	1,043	1,217	1,304	1,219	979	624	550	321	420
Difference	38	48	-2	-2	8	1	-14	-36	-66	-37	-6	81
Percent Difference	11.2%	8.7%	-0.2%	-0.2%	0.7%	0.0%	-1.1%	-3.6%	-9.6%	-6.3%	-1.8%	23.8%
Critical (14.6%)												
WSIP 2070 Without Project	291	404	615	793	942	1,001	944	793	522	411	288	273
WSIP 2070 With Project	276	359	593	868	1,000	1,045	983	820	528	428	261	277
Difference	-15	-45	-22	76	57	44	38	27	7	17	-28	5
Percent Difference	-5.2%	-11.2%	-3.6%	9.5%	6.1%	4.4%	4.0%	3.4%	1.3%	4.2%	-9.6%	1.8%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average



Table SW-42-a
San Luis Reservoir (SWP and CVP), End of Month Elevation
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2070 Without Project	385	398	427	459	484	500	492	469	436	414	396	394
WSIP 2070 With Project	387	400	430	461	485	500	491	468	433	412	394	397
Difference	2	2	2	2	1	0	-1	-2	-4	-3	-2	3
Percent Difference ²	0.6%	0.5%	0.5%	0.3%	0.2%	0.0%	-0.1%	-0.4%	-0.9%	-0.7%	-0.5%	0.8%
Water Year Types²												
Wet (31.7%)												
WSIP 2070 Without Project	397	391	423	481	516	534	524	502	473	443	430	418
WSIP 2070 With Project	400	394	427	479	514	533	523	500	471	440	429	417
Difference	3	2	4	-2	-2	-1	-1	-2	-3	-3	-1	-2
Percent Difference	0.8%	0.6%	0.9%	-0.4%	-0.4%	-0.2%	-0.2%	-0.4%	-0.6%	-0.6%	-0.3%	-0.4%
Above Normal (13.4%)												
WSIP 2070 Without Project	388	394	426	454	489	517	506	474	439	401	394	397
WSIP 2070 With Project	387	396	427	459	492	517	505	473	436	398	394	394
Difference	-1	2	1	6	3	0	0	-1	-3	-3	0	-3
Percent Difference	-0.3%	0.6%	0.3%	1.2%	0.7%	0.0%	-0.1%	-0.3%	-0.7%	-0.7%	0.0%	-0.7%
Below Normal (15.9%)												
WSIP 2070 Without Project	394	422	450	454	472	495	487	462	423	411	399	403
WSIP 2070 With Project	400	426	459	457	473	493	484	459	419	407	396	409
Difference	6	4	9	3	1	-2	-3	-3	-4	-4	-3	6
Percent Difference	1.4%	0.9%	2.0%	0.6%	0.2%	-0.4%	-0.6%	-0.6%	-0.8%	-1.0%	-0.7%	1.5%
Dry (24.4%)												
WSIP 2070 Without Project	373	402	430	456	471	480	474	453	418	406	370	373
WSIP 2070 With Project	377	407	430	455	472	480	473	449	410	401	368	384
Difference	4	6	-1	0	1	0	-1	-4	-8	-5	-2	11
Percent Difference	1.0%	1.4%	-0.1%	-0.1%	0.1%	0.0%	-0.3%	-0.8%	-2.0%	-1.2%	-0.5%	3.0%
Critical (14.6%)												
WSIP 2070 Without Project	364	382	409	429	446	452	446	430	399	384	366	362
WSIP 2070 With Project	363	376	406	437	451	456	450	433	399	387	361	364
Difference	-2	-6	-3	8	5	4	4	3	0	2	-5	2
Percent Difference	-0.5%	-1.6%	-0.7%	1.9%	1.1%	0.9%	0.8%	0.6%	0.1%	0.6%	-1.3%	0.4%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average



Table SW-43-a
San Luis Reservoir (SWP and CVP), End of Month Area
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Area (ACRE)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2070 Without Project	7,070	7,699	8,956	10,143	10,954	11,454	11,199	10,471	9,250	8,363	7,511	7,484
WSIP 2070 With Project	7,171	7,771	9,027	10,195	10,971	11,457	11,180	10,412	9,093	8,244	7,383	7,635
Difference	101	73	72	52	18	3	-19	-59	-157	-118	-127	151
Percent Difference ²	1.4%	0.9%	0.8%	0.5%	0.2%	0.0%	-0.2%	-0.6%	-1.7%	-1.4%	-1.7%	2.0%
Water Year Types²												
Wet (31.7%)												
WSIP 2070 Without Project	7,672	7,396	8,837	10,863	11,949	12,476	12,197	11,519	10,593	9,487	9,006	8,640
WSIP 2070 With Project	7,853	7,519	8,976	10,787	11,881	12,452	12,164	11,464	10,514	9,388	8,951	8,563
Difference	181	123	139	-75	-68	-24	-33	-55	-78	-99	-54	-77
Percent Difference	2.4%	1.7%	1.6%	-0.7%	-0.6%	-0.2%	-0.3%	-0.5%	-0.7%	-1.0%	-0.6%	-0.9%
Above Normal (13.4%)												
WSIP 2070 Without Project	7,339	7,540	8,910	9,966	11,125	11,988	11,638	10,664	9,407	7,673	7,444	7,755
WSIP 2070 With Project	7,240	7,639	8,980	10,140	11,226	11,991	11,625	10,616	9,296	7,535	7,396	7,571
Difference	-99	98	70	173	102	4	-13	-48	-111	-138	-48	-184
Percent Difference	-1.3%	1.3%	0.8%	1.7%	0.9%	0.0%	-0.1%	-0.4%	-1.2%	-1.8%	-0.6%	-2.4%
Below Normal (15.9%)												
WSIP 2070 Without Project	7,570	8,788	9,788	10,007	10,582	11,304	11,050	10,225	8,661	8,173	7,691	7,991
WSIP 2070 With Project	7,802	8,832	10,081	10,092	10,609	11,243	10,958	10,120	8,547	7,992	7,528	8,236
Difference	232	44	293	85	26	-61	-92	-105	-114	-181	-163	244
Percent Difference	3.1%	0.5%	3.0%	0.9%	0.2%	-0.5%	-0.8%	-1.0%	-1.3%	-2.2%	-2.1%	3.1%
Dry (24.4%)												
WSIP 2070 Without Project	6,480	7,922	9,035	10,045	10,556	10,852	10,646	9,953	8,661	8,127	6,317	6,455
WSIP 2070 With Project	6,603	8,148	9,002	10,028	10,572	10,856	10,604	9,822	8,268	7,900	6,168	7,036
Difference	123	226	-32	-16	16	4	-42	-132	-393	-227	-149	581
Percent Difference	1.9%	2.9%	-0.4%	-0.2%	0.1%	0.0%	-0.4%	-1.3%	-4.5%	-2.8%	-2.4%	9.0%
Critical (14.6%)												
WSIP 2070 Without Project	5,962	6,948	8,221	9,058	9,706	9,915	9,716	9,151	7,815	7,157	6,126	5,894
WSIP 2070 With Project	5,892	6,663	8,083	9,350	9,825	10,044	9,840	9,244	7,795	7,265	5,843	6,028
Difference	-69	-285	-137	292	119	129	124	92	-20	108	-283	135
Percent Difference	-1.2%	-4.1%	-1.7%	3.2%	1.2%	1.3%	1.3%	1.0%	-0.3%	1.5%	-4.6%	2.3%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average

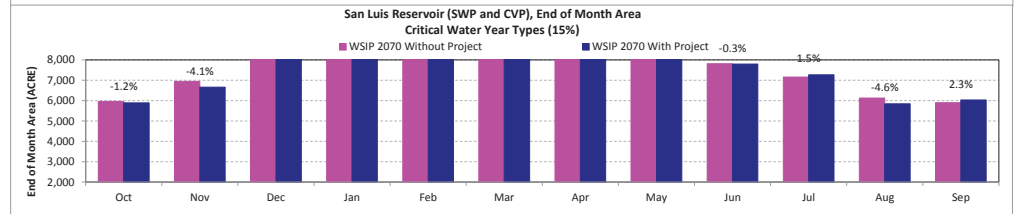
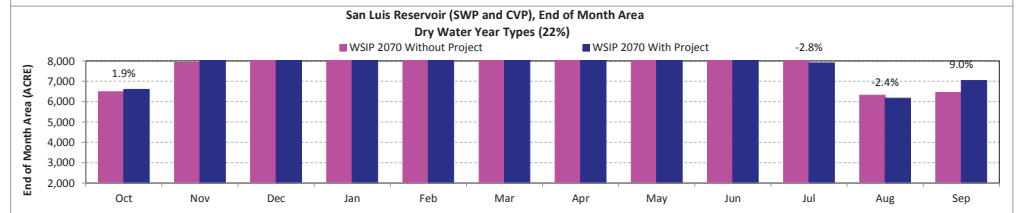
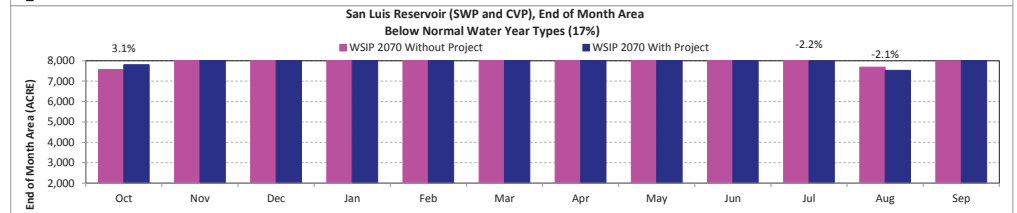
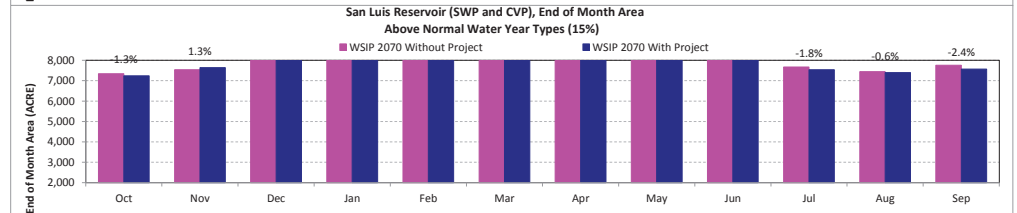
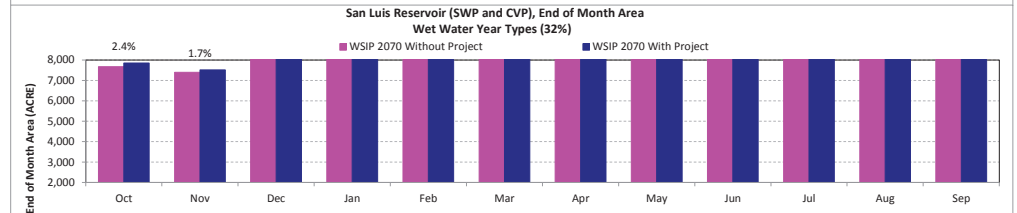
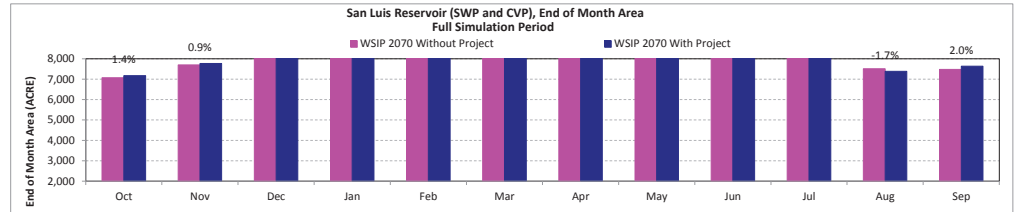


Table SW-44-a
San Luis Reservoir (CVP), End of Month Storage
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Storage (TAF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2070 Without Project	179	274	431	567	671	743	705	597	432	274	193	177
WSIP 2070 With Project	188	272	432	564	664	732	694	580	414	271	202	204
Difference	9	-3	1	-3	-7	-11	-11	-17	-19	-2	9	27
Percent Difference ²	4.8%	-1.1%	0.2%	-0.5%	-1.1%	-1.4%	-1.6%	-2.8%	-4.3%	-0.9%	4.5%	15.2%
Water Year Types²												
Wet (31.7%)												
WSIP 2070 Without Project	224	271	449	657	815	925	891	801	656	418	316	265
WSIP 2070 With Project	219	255	433	662	806	914	881	785	636	399	318	254
Difference	-6	-16	-16	5	-10	-11	-10	-15	-19	-19	2	-11
Percent Difference	-2.5%	-5.9%	-3.7%	0.8%	-1.2%	-1.2%	-1.1%	-1.9%	-3.0%	-4.6%	0.7%	-4.0%
Above Normal (13.4%)												
WSIP 2070 Without Project	148	259	429	547	692	848	808	675	493	249	166	129
WSIP 2070 With Project	149	258	432	578	719	846	802	662	476	272	224	158
Difference	1	-1	3	31	27	-2	-6	-13	-17	23	58	29
Percent Difference	0.5%	-0.3%	0.8%	5.7%	3.9%	-0.2%	-0.7%	-1.9%	-3.5%	9.2%	35.0%	22.6%
Below Normal (15.9%)												
WSIP 2070 Without Project	192	357	532	546	611	696	662	546	368	252	181	189
WSIP 2070 With Project	265	406	601	544	608	696	659	537	357	262	217	280
Difference	73	49	69	-2	-3	0	-3	-9	-11	11	35	91
Percent Difference	38.1%	13.7%	12.9%	-0.3%	-0.5%	0.0%	-0.4%	-1.7%	-3.1%	4.3%	19.4%	48.0%
Dry (24.4%)												
WSIP 2070 Without Project	151	274	415	547	610	630	589	468	290	203	110	119
WSIP 2070 With Project	161	283	413	507	575	597	557	428	254	190	99	168
Difference	9	9	-3	-39	-35	-34	-33	-40	-36	-13	-11	49
Percent Difference	6.1%	3.4%	-0.6%	-7.2%	-5.8%	-5.4%	-5.5%	-8.6%	-12.6%	-6.4%	-10.1%	41.2%
Critical (14.6%)												
WSIP 2070 Without Project	143	208	312	448	509	491	447	355	198	124	104	113
WSIP 2070 With Project	119	154	280	456	516	501	456	363	202	139	87	113
Difference	-24	-54	-32	8	7	10	9	8	5	15	-17	0
Percent Difference	-17.0%	-25.7%	-10.1%	1.7%	1.4%	2.0%	2.0%	2.4%	2.3%	12.0%	-16.5%	0.4%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average



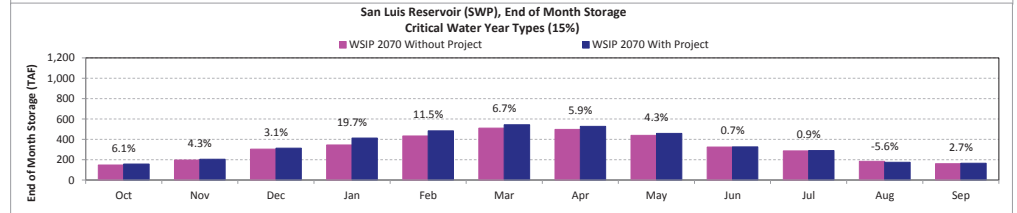
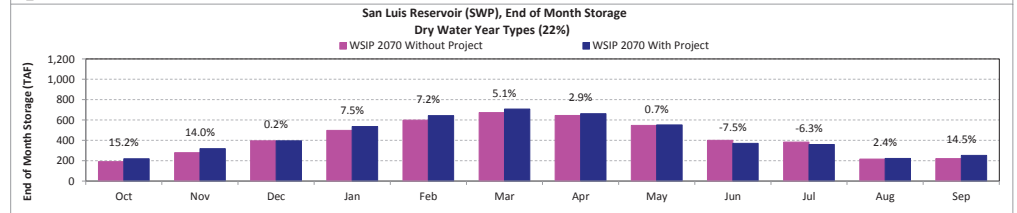
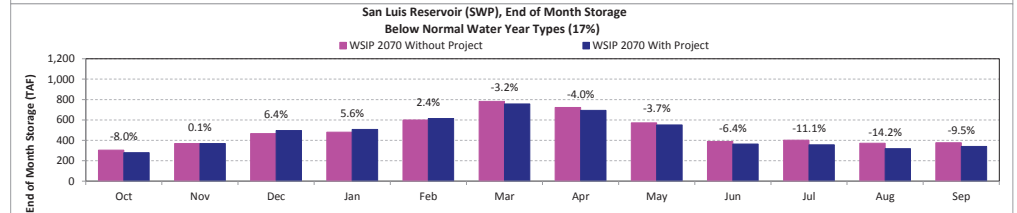
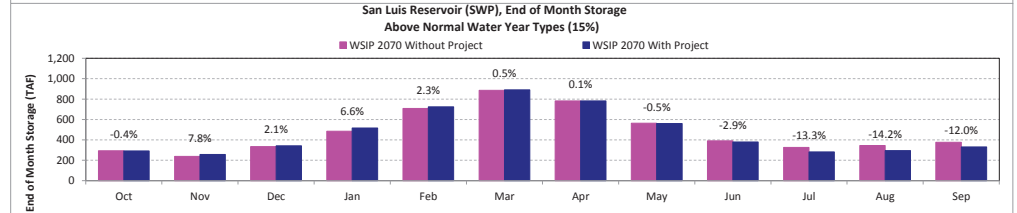
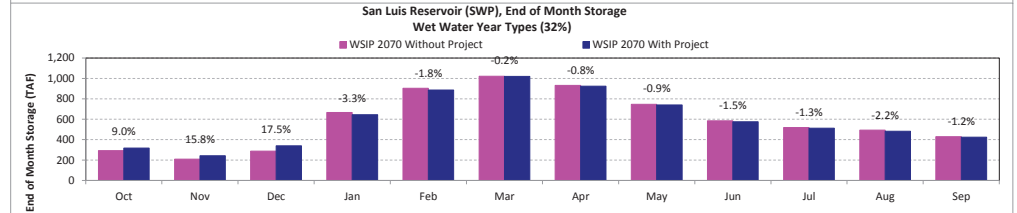
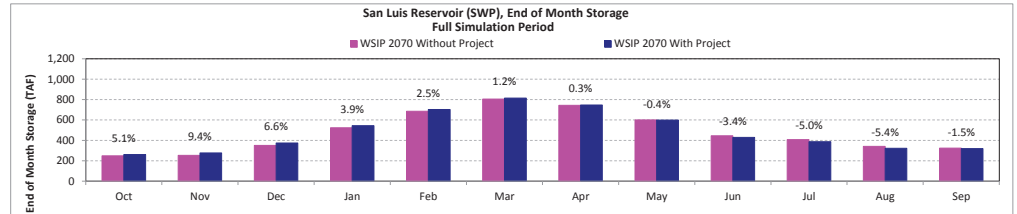
Table SW-45-a
San Luis Reservoir (SWP), End of Month Storage
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Storage (TAF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2070 Without Project	248	254	351	524	686	806	745	601	445	407	341	324
WSIP 2070 With Project	261	277	374	545	703	815	746	599	429	387	323	319
Difference	13	24	23	21	17	9	2	-2	-15	-21	-19	-5
Percent Difference ²	5.1%	9.4%	6.6%	3.9%	2.5%	1.2%	0.3%	-0.4%	-3.4%	-5.0%	-5.4%	-1.5%
Water Year Types²												
Wet (31.7%)												
WSIP 2070 Without Project	292	209	288	666	903	1,021	931	747	585	519	494	429
WSIP 2070 With Project	318	242	339	644	887	1,019	924	740	576	512	483	424
Difference	26	33	51	-22	-16	-2	-8	-7	-9	-7	-11	-5
Percent Difference	9.0%	15.8%	17.5%	-3.3%	-1.8%	-0.2%	-0.8%	-0.9%	-1.5%	-1.3%	-2.2%	-1.2%
Above Normal (13.4%)												
WSIP 2070 Without Project	293	238	334	485	708	886	782	563	391	326	344	376
WSIP 2070 With Project	291	256	341	517	725	890	783	560	380	283	295	331
Difference	-1	19	7	32	16	4	1	-3	-11	-43	-49	-45
Percent Difference	-0.4%	7.8%	2.1%	6.6%	2.3%	0.5%	0.1%	-0.5%	-2.9%	-13.3%	-14.2%	-12.0%
Below Normal (15.9%)												
WSIP 2070 Without Project	304	369	466	480	600	783	722	572	389	401	371	377
WSIP 2070 With Project	279	369	496	507	614	757	694	551	364	357	319	341
Difference	-24	0	30	27	15	-25	-29	-21	-25	-45	-53	-36
Percent Difference	-8.0%	0.1%	6.4%	5.6%	2.4%	-3.2%	-4.0%	-3.7%	-6.4%	-11.1%	-14.2%	-9.5%
Dry (24.4%)												
WSIP 2070 Without Project	191	279	395	498	600	674	644	547	400	384	216	221
WSIP 2070 With Project	220	318	396	536	643	708	663	551	371	360	222	253
Difference	29	39	1	37	43	34	18	4	-30	-24	5	32
Percent Difference	15.2%	14.0%	0.2%	7.5%	7.2%	5.1%	2.9%	0.7%	-7.5%	-6.3%	2.4%	14.5%
Critical (14.6%)												
WSIP 2070 Without Project	148	196	303	345	433	509	497	439	324	287	184	160
WSIP 2070 With Project	157	205	313	413	483	544	527	458	326	289	174	164
Difference	9	8	9	68	50	34	29	19	2	3	-10	4
Percent Difference	6.1%	4.3%	3.1%	19.7%	11.5%	6.7%	5.9%	4.3%	0.7%	0.9%	-5.6%	2.7%

¹ Based on the 82-year simulation period

² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

³ Relative difference of the monthly average



Sacramento-San Joaquin Delta Operations
Exceedance Probability Charts and Tables

Figure SW-30-b
Sacramento River below Hood, Monthly Flow
Probability of Exceedance

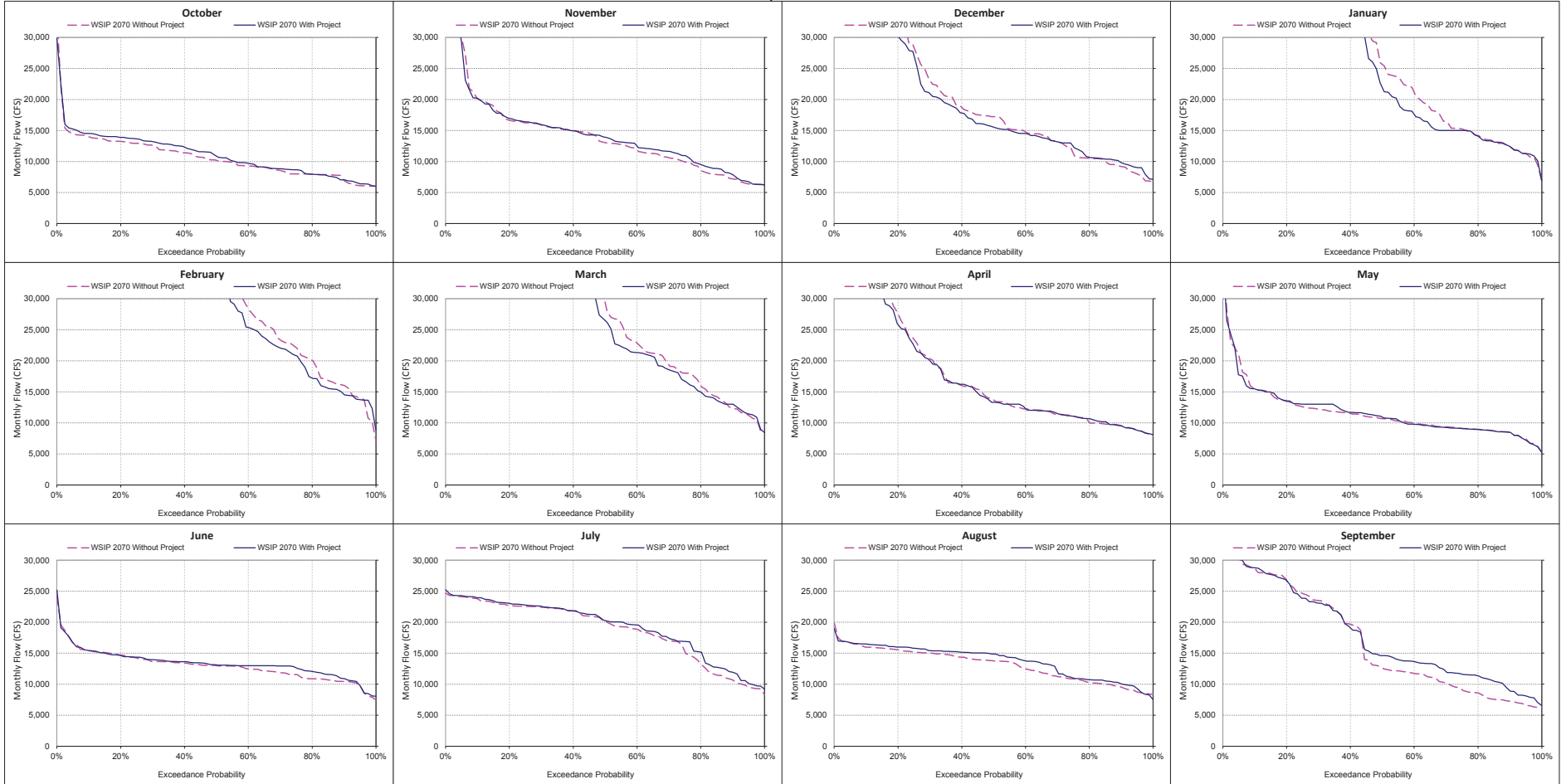


Figure SW-31-b
Yolo Bypass, Monthly Flow
Probability of Exceedance

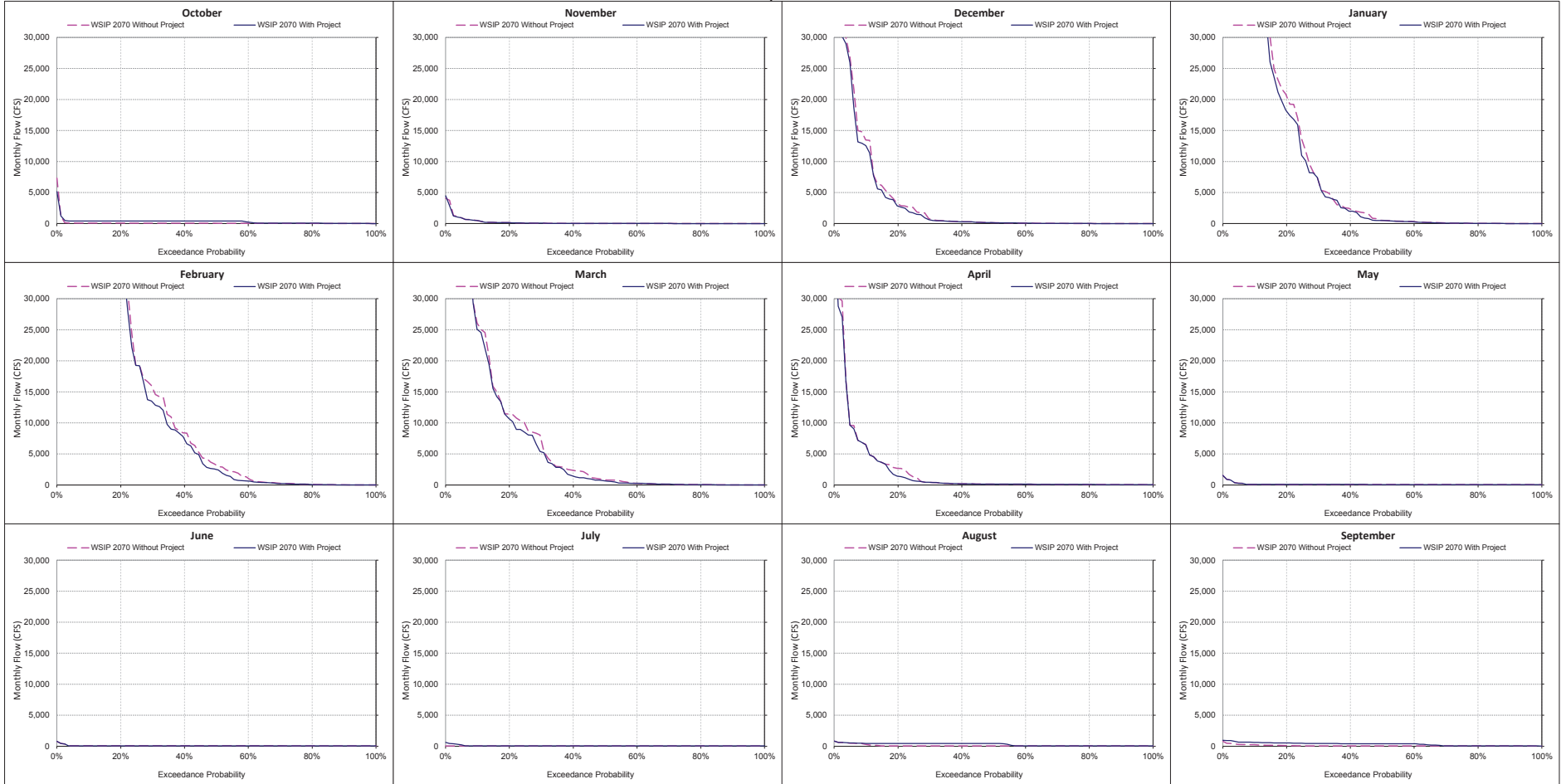


Figure SW-32-b
Sacramento River at Rio Vista, Monthly Flow
Probability of Exceedance

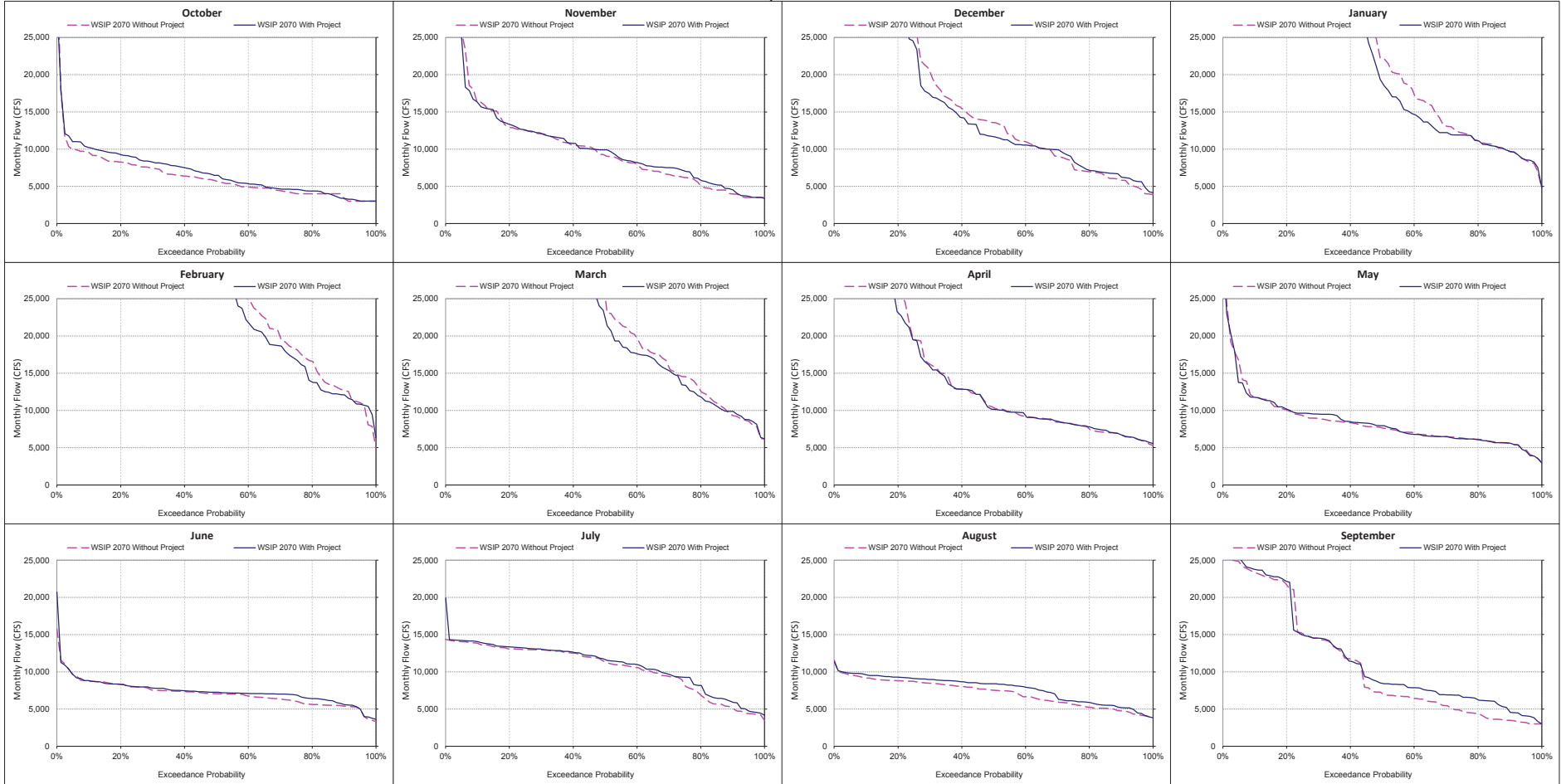


Figure SW-33-b
Sacramento/San Joaquin River Delta, Monthly Outflow
Probability of Exceedance

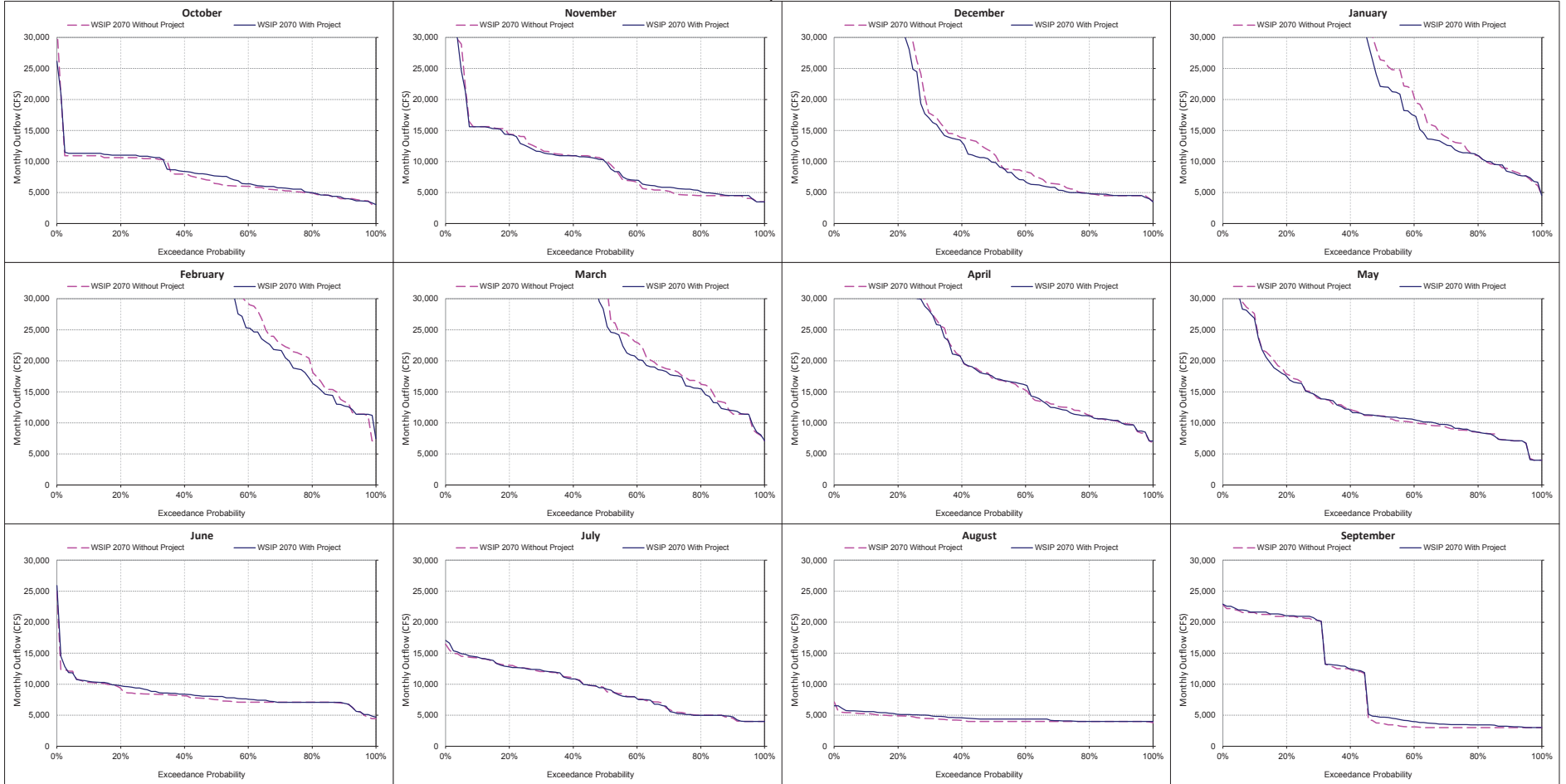


Figure SW-34-b
Delta Cross Channel, Monthly Flow
Probability of Exceedance

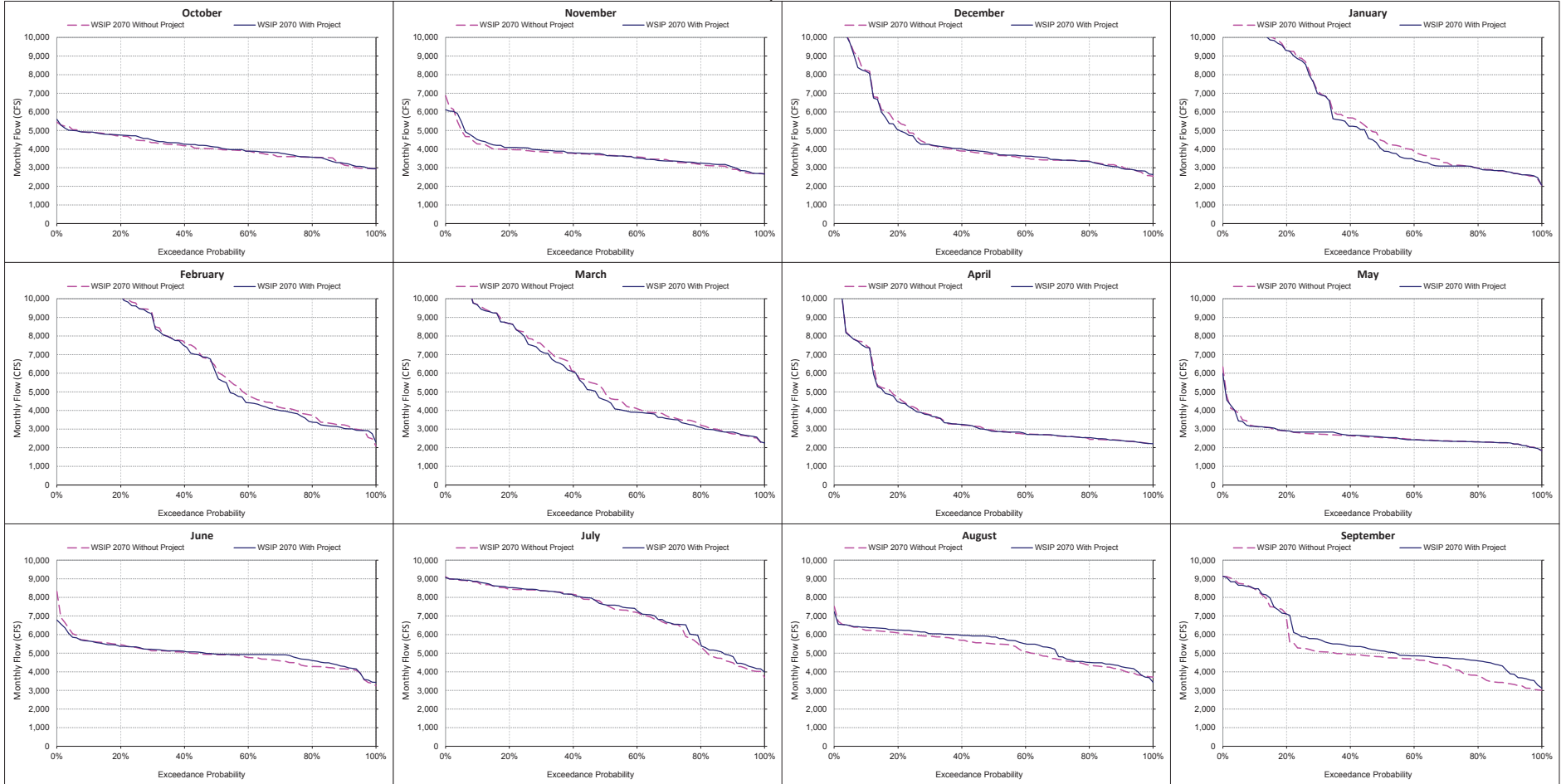


Figure SW-35-b
Old and Middle River, Monthly Flow
Probability of Exceedance

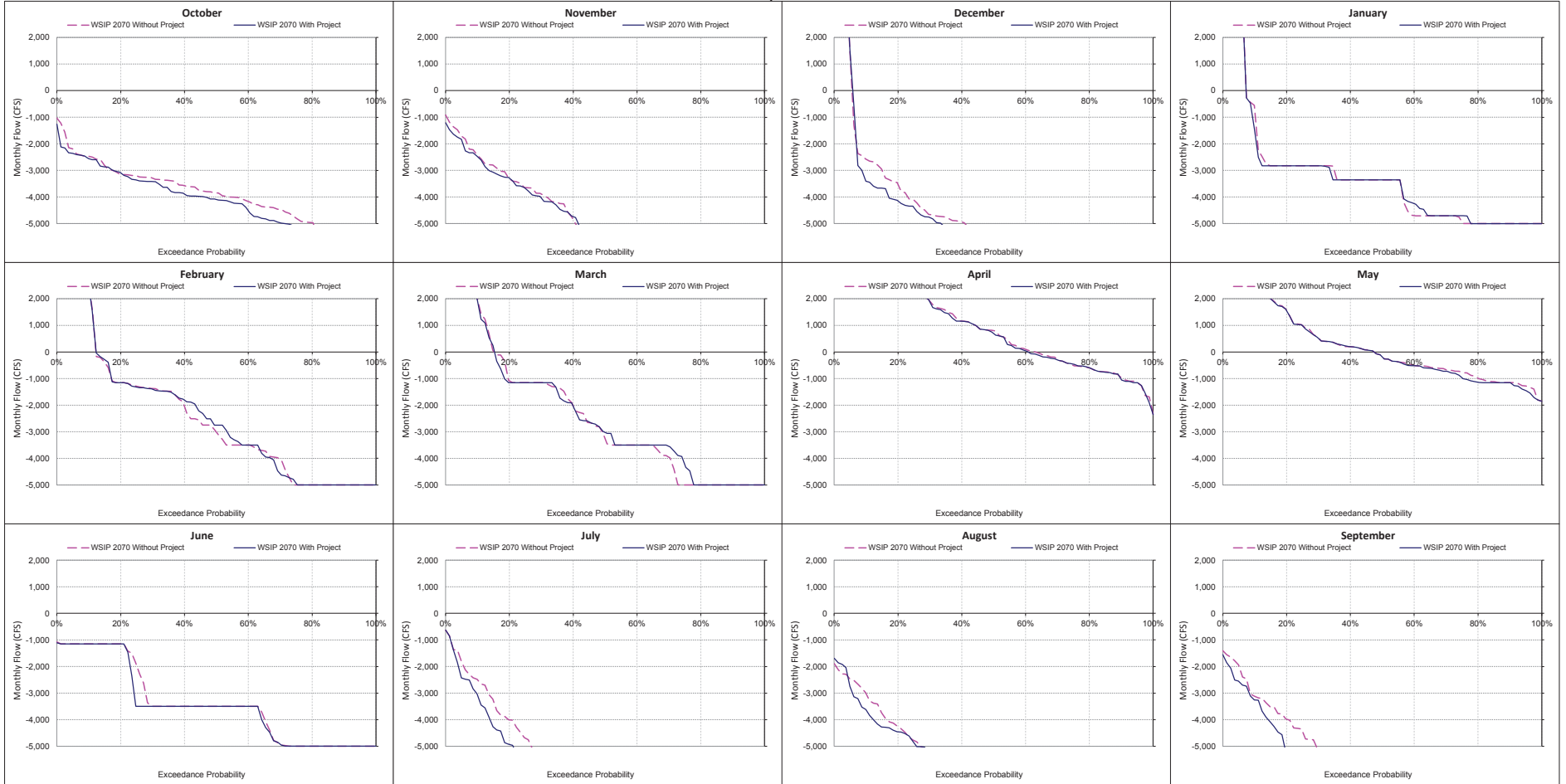


Figure SW-36-b
Total Banks Pumping Plant (SWP and CVP) and Jones Pumping Plant (CVP) , Monthly Diversion
Probability of Exceedance

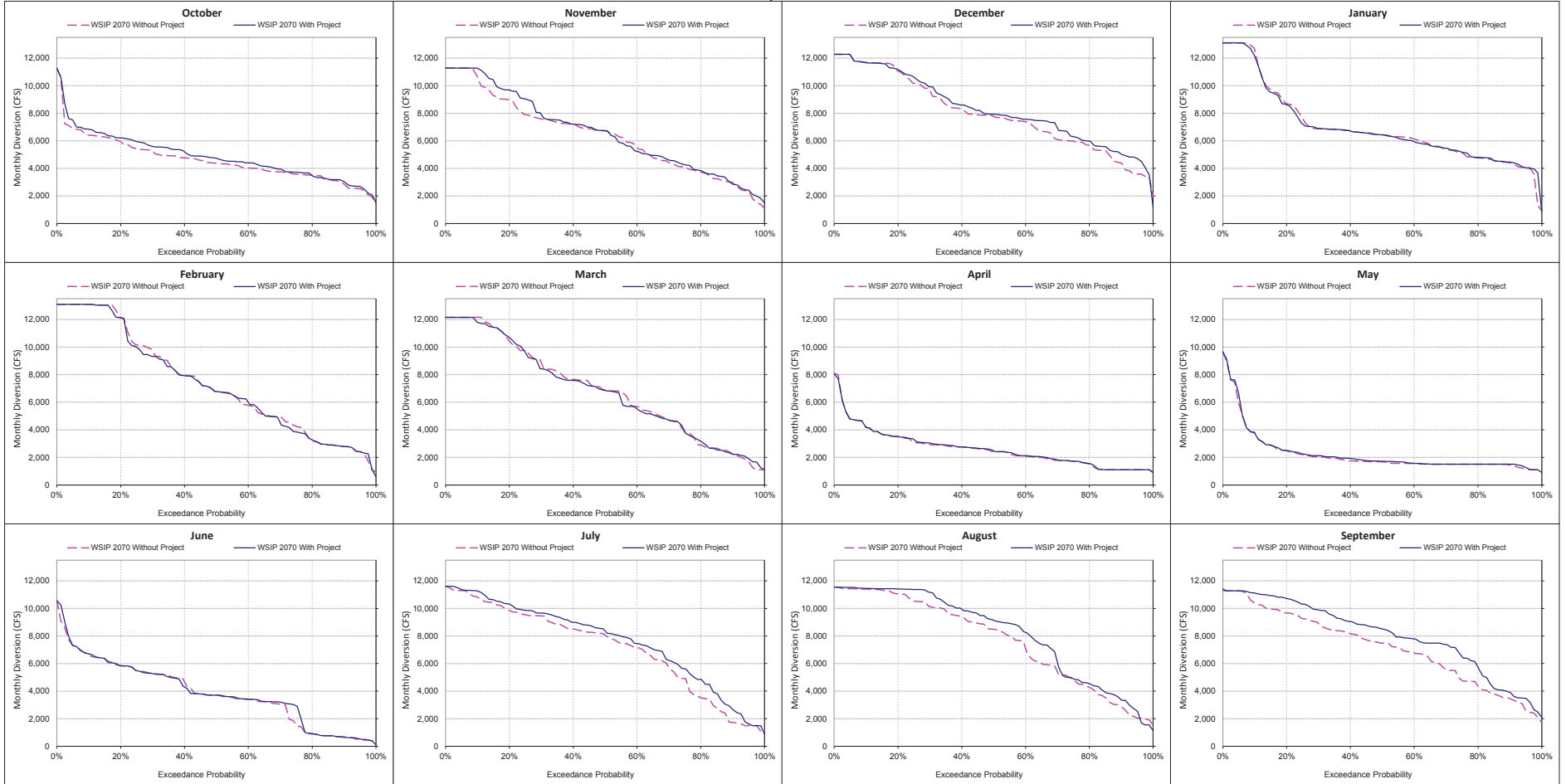


Figure SW-37-b
Jones Pumping Plant (CVP), Monthly Diversion
Probability of Exceedance

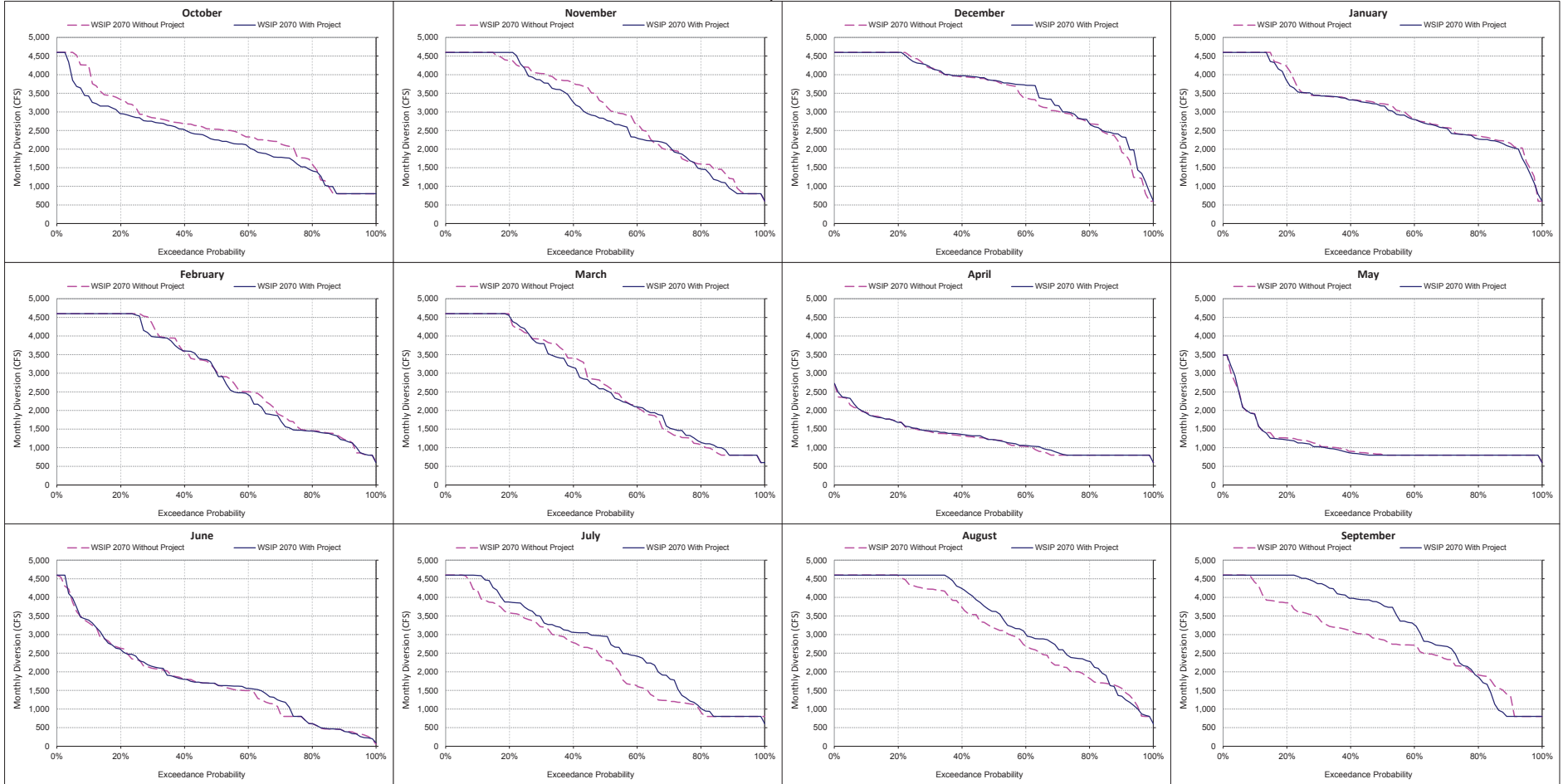


Figure SW-38-b
Banks Pumping Plant (SWP and CVP), Monthly Diversion
Probability of Exceedance

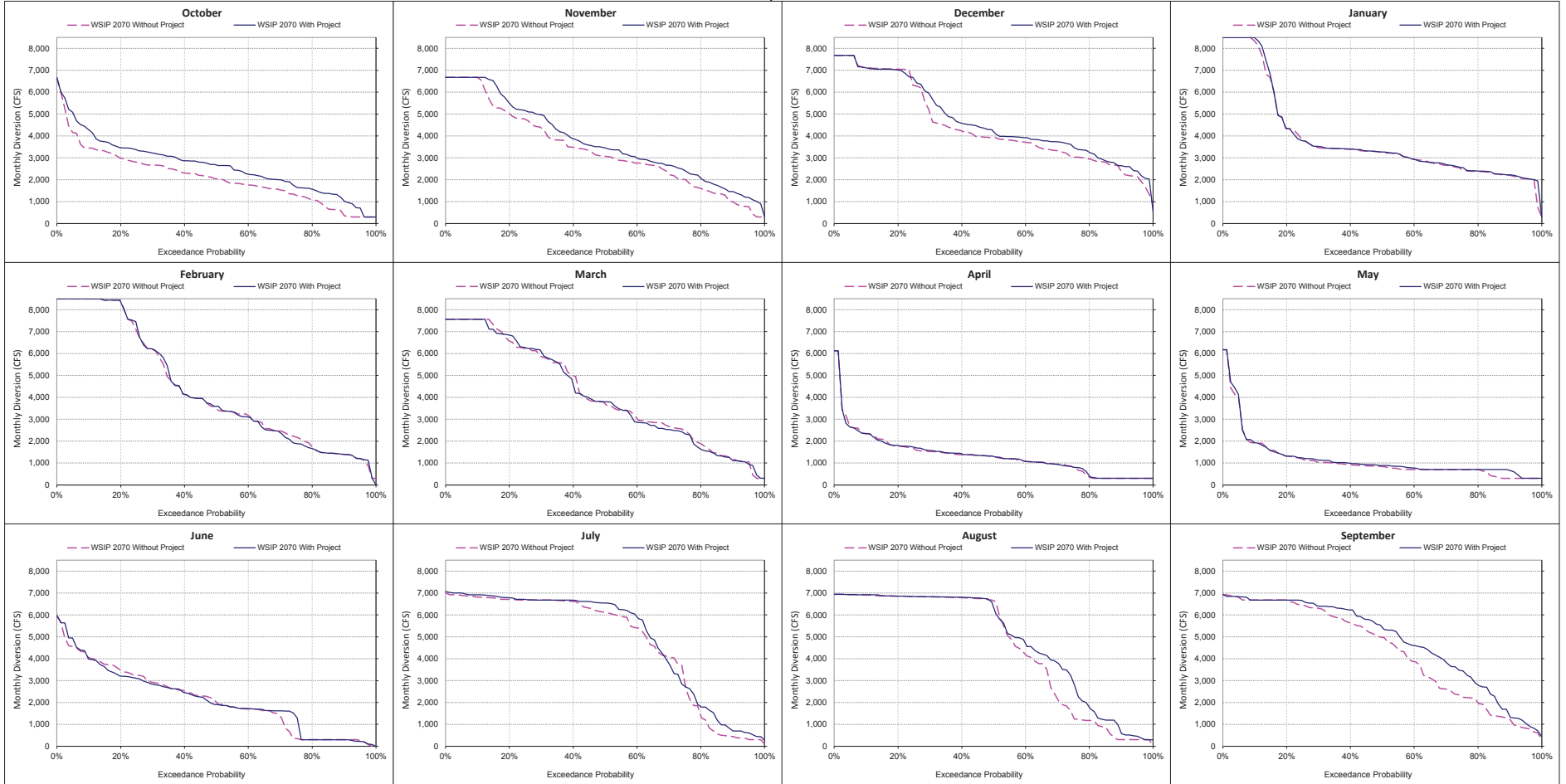


Figure SW-39-b
Banks Pumping Plant (SWP), Monthly Diversion
Probability of Exceedance

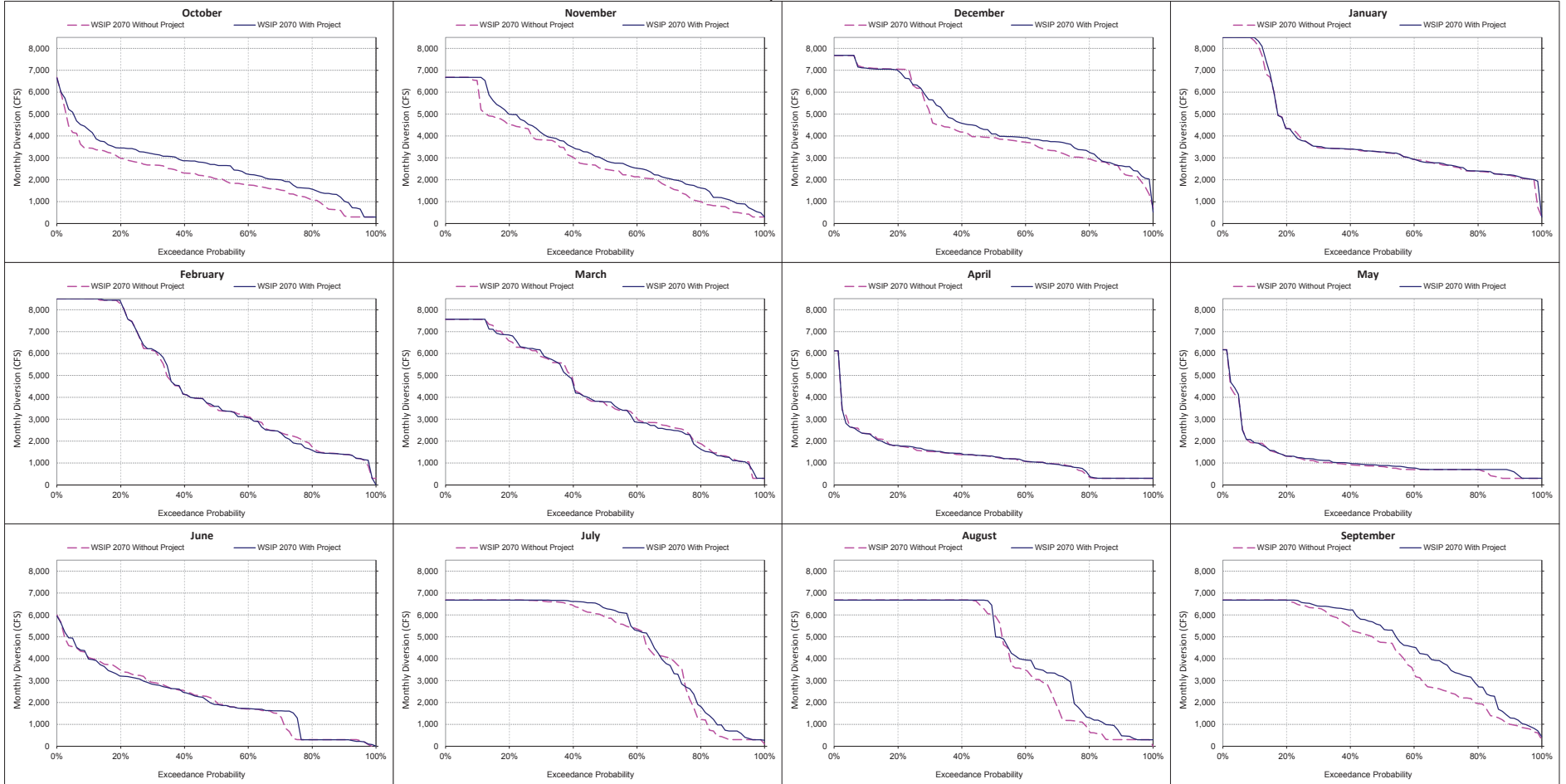


Figure SW-40-b
Banks Pumping Plant (CVP), Monthly Diversion
Probability of Exceedance

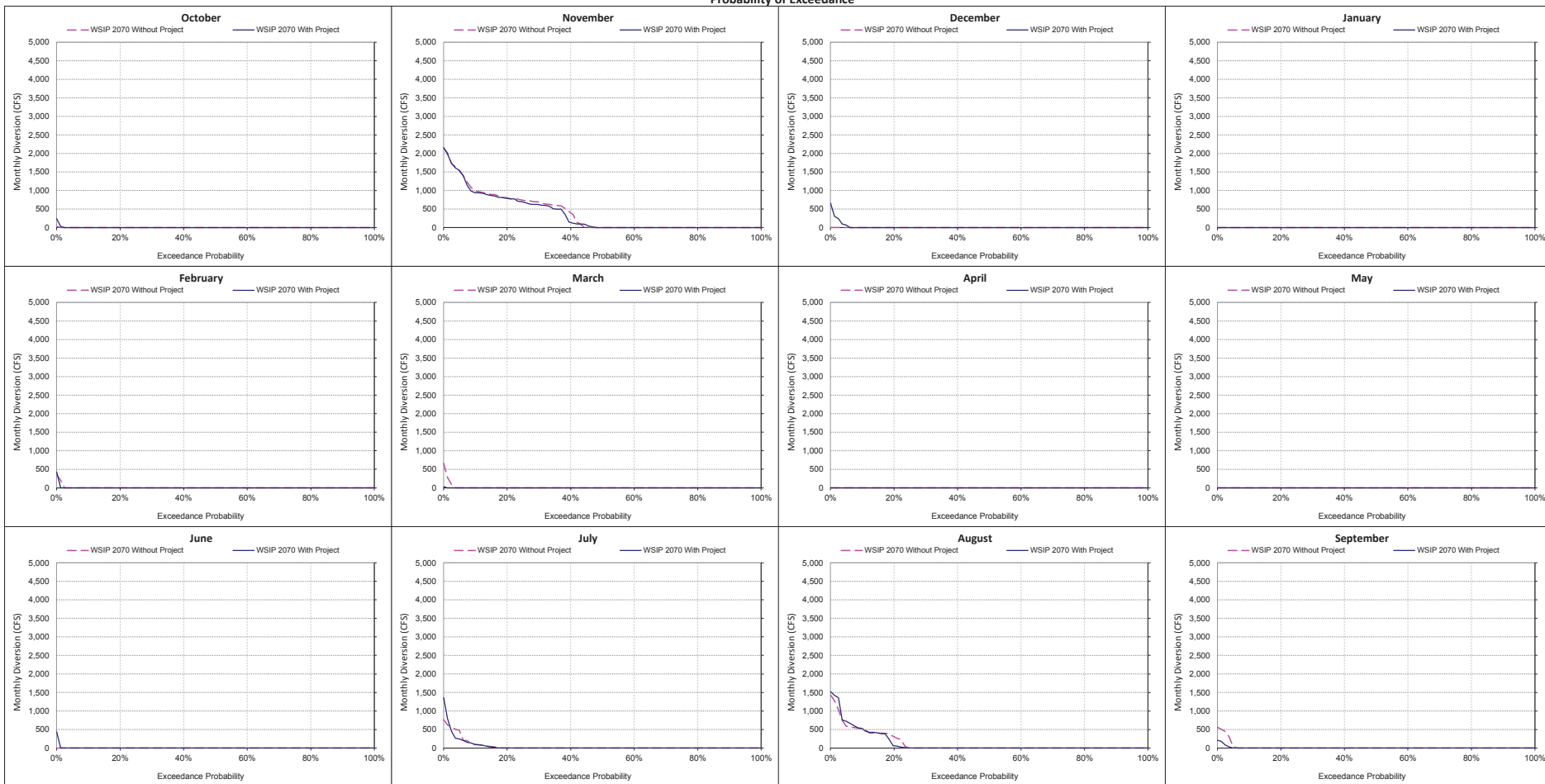


Figure SW-41-b
San Luis Reservoir (SWP and CVP), End of Month Storage
Probability of Exceedance

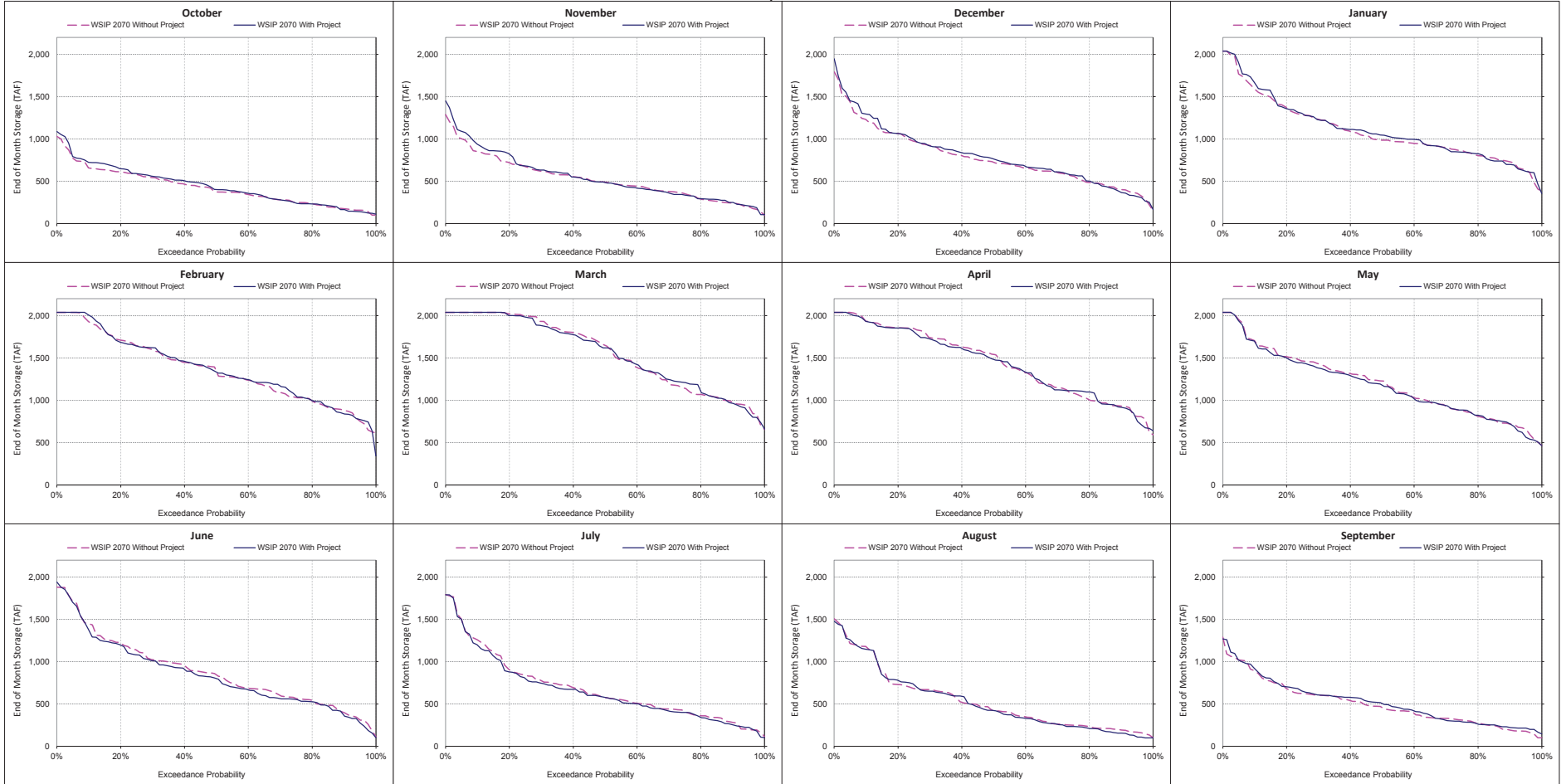


Table SW-41-b
San Luis Reservoir (SWP and CVP), End of Month Storage
Probability of Exceedance

February					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	2,039	0	0	0.0%	
1.2%	2,039	2,039	0	0.0%	
2.5%	2,039	2,039	0	0.0%	
3.7%	2,039	2,039	0	0.0%	
4.9%	2,039	2,039	0	0.0%	
6.2%	2,039	2,039	0	0.0%	
7.4%	2,033	2,039	6	0.3%	
8.6%	1,979	2,039	60	3.0%	
9.9%	1,930	2,009	79	4.1%	
11.1%	1,900	1,983	83	4.3%	
12.3%	1,888	1,938	49	2.6%	
13.6%	1,841	1,905	64	3.5%	
14.8%	1,825	1,833	8	0.4%	
16.0%	1,780	1,777	-3	-0.2%	
17.3%	1,764	1,757	-6	-0.4%	
18.5%	1,723	1,712	-12	-0.7%	
19.8%	1,713	1,688	-25	-1.5%	
21.0%	1,708	1,677	-29	-1.7%	
22.2%	1,695	1,662	-33	-1.9%	
23.5%	1,679	1,659	-20	-1.2%	
24.7%	1,648	1,644	-4	-0.2%	
25.9%	1,637	1,631	-7	-0.4%	
27.2%	1,636	1,627	-9	-0.6%	
28.4%	1,616	1,626	10	0.6%	
29.6%	1,602	1,621	19	1.2%	
30.9%	1,579	1,620	41	2.6%	
32.1%	1,575	1,563	-12	-0.7%	
33.3%	1,523	1,548	26	1.7%	
34.6%	1,500	1,522	21	1.4%	
35.8%	1,480	1,507	27	1.8%	
37.0%	1,476	1,502	26	1.8%	
38.3%	1,470	1,469	-1	-0.1%	
39.5%	1,450	1,465	15	1.0%	
40.7%	1,447	1,463	16	0.4%	
42.0%	1,436	1,443	7	0.3%	
43.2%	1,427	1,426	-1	-0.1%	
44.4%	1,410	1,423	13	0.9%	
45.7%	1,407	1,417	10	0.7%	
46.9%	1,407	1,390	-17	-1.2%	
48.1%	1,399	1,373	-26	-1.9%	
49.4%	1,394	1,347	-47	-3.4%	
50.6%	1,286	1,322	36	2.8%	
51.9%	1,282	1,321	39	3.0%	
53.1%	1,282	1,299	17	1.4%	
54.3%	1,277	1,292	15	1.2%	
55.6%	1,273	1,283	10	0.8%	
56.8%	1,269	1,281	12	0.9%	
58.0%	1,266	1,258	-8	-0.6%	
59.3%	1,243	1,249	7	0.5%	
60.5%	1,234	1,241	7	0.6%	
61.7%	1,223	1,218	-5	-0.4%	
63.0%	1,195	1,212	18	1.5%	
64.2%	1,187	1,212	24	2.0%	
65.4%	1,166	1,212	46	3.9%	
66.7%	1,162	1,205	43	3.7%	
67.9%	1,113	1,291	177	7.0%	
69.1%	1,091	1,189	98	9.0%	
70.4%	1,090	1,161	70	6.4%	
71.6%	1,075	1,156	81	7.5%	
72.8%	1,043	1,221	177	6.8%	
74.1%	1,041	1,215	174	6.0%	
75.3%	1,031	1,039	8	0.8%	
76.5%	1,030	1,039	9	0.8%	
77.8%	1,029	1,025	-4	-0.4%	
79.0%	1,021	1,018	-2	-0.2%	
80.2%	986	992	6	0.6%	
81.5%	961	986	25	2.6%	
82.7%	956	981	26	2.7%	
84.0%	935	939	4	0.4%	
85.2%	909	926	16	1.8%	
86.4%	900	912	12	1.3%	
87.7%	899	863	-36	-4.0%	
88.9%	893	853	-40	-4.4%	
90.1%	880	836	-44	-4.8%	
91.4%	869	835	-35	-4.0%	
92.6%	851	823	-28	-3.3%	
93.8%	789	784	-5	-0.6%	
95.1%	752	771	21	2.8%	
96.3%	722	759	37	5.1%	
97.5%	695	744	49	7.1%	
98.8%	625	639	13	2.0%	
100.0%	616	641	27	4.4%	

March					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	2,039	2,039	0	0.0%	
1.2%	2,039	2,039	0	0.0%	
2.5%	2,039	2,039	0	0.0%	
3.7%	2,039	2,039	0	0.0%	
4.9%	2,039	2,039	0	0.0%	
6.2%	2,039	2,039	0	0.0%	
7.4%	2,039	2,039	0	0.0%	
8.6%	2,039	2,039	0	0.0%	
9.9%	2,039	2,039	0	0.0%	
11.1%	2,039	2,039	0	0.0%	
12.3%	2,039	2,039	0	0.0%	
13.6%	2,039	2,039	0	0.0%	
14.8%	2,039	2,039	0	0.0%	
16.0%	2,039	2,039	0	0.0%	
17.3%	2,039	2,038	-1	-0.0%	
18.5%	2,035	2,036	1	0.1%	
19.8%	2,022	2,003	-20	-1.0%	
21.0%	2,022	2,002	-20	-1.0%	
22.2%	2,015	2,000	-15	-0.7%	
23.5%	2,013	1,999	-14	-0.7%	
24.7%	1,996	1,988	-8	-0.4%	
25.9%	1,995	1,978	-17	-0.9%	
27.2%	1,991	1,970	-21	-1.1%	
28.4%	1,989	1,980	-9	-0.5%	
29.6%	1,933	1,887	-46	-2.3%	
30.9%	1,932	1,877	-55	-2.9%	
32.1%	1,887	1,869	-18	-0.9%	
33.3%	1,862	1,841	-21	-1.1%	
34.6%	1,861	1,826	-35	-1.9%	
35.8%	1,837	1,800	-36	-2.0%	
37.0%	1,812	1,794	-17	-1.0%	
38.3%	1,807	1,789	-18	-1.0%	
39.5%	1,805	1,781	-24	-1.3%	
40.7%	1,796	1,769	-27	-1.5%	
42.0%	1,784	1,741	-43	-2.4%	
43.2%	1,765	1,710	-56	-3.2%	
44.4%	1,740	1,708	-32	-1.8%	
45.7%	1,738	1,702	-36	-2.1%	
46.9%	1,713	1,694	-19	-1.1%	
48.1%	1,689	1,644	-45	-2.7%	
49.4%	1,621	1,621	0	0.0%	
50.6%	1,638	1,619	-19	-1.1%	
51.9%	1,594	1,614	21	1.3%	
53.1%	1,514	1,562	48	3.2%	
54.3%	1,483	1,498	14	1.0%	
55.6%	1,478	1,493	15	1.0%	
56.8%	1,476	1,466	-10	-0.7%	
58.0%	1,472	1,458	-14	-1.0%	
59.3%	1,401	1,433	32	2.3%	
60.5%	1,378	1,417	38	2.8%	
61.7%	1,368	1,362	-6	-0.5%	
63.0%	1,348	1,351	3	0.2%	
64.2%	1,333	1,346	13	0.9%	
65.4%	1,323	1,328	4	0.3%	
66.7%	1,278	1,323	45	3.6%	
67.9%	1,244	1,292	49	3.9%	
69.1%	1,241	1,253	12	0.9%	
70.4%	1,185	1,242	58	4.9%	
71.6%	1,180	1,229	49	4.1%	
72.8%	1,173	1,221	47	4.0%	
74.1%	1,151	1,215	64	5.5%	
75.3%	1,138	1,208	70	6.1%	
76.5%	1,100	1,194	94	8.5%	
77.8%	1,073	1,189	116	10.8%	
79.0%	1,069	1,185	116	10.9%	
80.2%	1,068	1,091	22	2.1%	
81.5%	1,058	1,075	17	1.6%	
82.7%	1,056	1,052	-4	-0.3%	
84.0%	1,042	1,041	-1	-0.1%	
85.2%	1,038	1,026	-12	-1.2%	
86.4%	1,008	1,022	14	1.4%	
87.7%	1,000	1,012	12	1.2%	
88.9%	996	972	-24	-2.4%	
90.1%	980	965	-15	-1.5%	
91.4%	957	944	-13	-1.4%	
92.6%	953	923	-29	-3.1%	
93.8%	945	910	-35	-3.7%	
95.1%	929	851	-79	-8.5%	
96.3%	843	799	-44	-5.2%	
97.5%	788	798	10	1.3%	
98.8%	706	737	32	4.5%	
100.0%	656	660	4	0.6%	

April					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	2,039	2,039	0	0.0%	
1.2%	2,039	2,039	0	0.0%	
2.5%	2,039	2,039	0	0.0%	
3.7%	2,039	2,039	0	0.0%	
4.9%	2,039	2,023	-16	-0.8%	
6.2%	2,031	2,002	-29	-1.4%	
7.4%	2,012	1,996	-16	-0.8%	
8.6%	1,993	1,973	-20	-1.0%	
9.9%	1,934	1,935	1	0.0%	
11.1%	1,931	1,922	-9	-0.5%	
12.3%	1,916	1,918	2	0.1%	
13.6%	1,912	1,878	-34	-1.8%	
14.8%	1,897	1,871	-26	-1.4%	
16.0%	1,868	1,862	-6	-0.3%	
17.3%	1,866	1,857	-9	-0.5%	
18.5%	1,860	1,856	-4	-0.2%	
19.8%	1,857	1,854	-4	-0.2%	
21.0%	1,856	1,854	-2	-0.1%	
22.2%	1,856	1,856	0	0.0%	
23.5%	1,854	1,847	-6	-0.4%	
24.7%	1,853	1,821	-32	-1.7%	
25.9%	1,832	1,780	-52	-2.8%	
27.2%	1,823	1,743	-80	-4.4%	
28.4%	1,806	1,742	-64	-3.5%	
29.6%	1,745	1,729	-16	-0.9%	
30.9%	1,734	1,713	-21	-1.2%	
32.1%	1,730	1,698	-32	-1.9%	
33.3%	1,725	1,663	-63	-3.6%	
34.6%	1,724	1,659	-64	-3.7%	
35.8%	1,680	1,634	-46	-2.7%	
37.0%	1,656	1,628	-27	-1.6%	
38.3%	1,653	1,625	-27	-1.7%	
39.5%	1,641	1,625	-16	-1.0%	
40.7%	1,626	1,599	-27	-1.7%	
42.0%	1,619	1,568	-50	-3.1%	
43.2%	1,602	1,567	-36	-2.2%	
44.4%	1,591	1,555	-36	-2.2%	
45.7%	1,590	1,554	-36	-2.2%	
46.9%	1,566	1,541	-25	-1.6%	
48.1%	1,565	1,512	-53	-3.4%	
49.4%	1,545	1,492	-53	-3.4%	
50.6%	1,539	1,477	-62	-4.1%	
51.9%	1,488	1,472	-15	-1.0%	
53.1%	1,423	1,457	34	2.4%	
54.3%	1,388	1,456	68	4.9%	
55.6%	1,382	1,399	17	1.3%	
56.8%	1,380	1,387	8	0.5%	
58.0%	1,360	1,376	17	1.2%	
59.3%	1,333	1,347	14	1.0%	
60.5%	1,323	1,326	2	0.2%	
61.7%	1,293	1,324	30	2.4%	
63.0%	1,252	1,259	7	0.6%	
64.2%	1,205	1,244	39	3.2%	
65.4%	1,197	1,208	11	0.9%	
66.7%	1,194	1,174	-20	-1.7%	
67.9%	1,184	1,162	-22	-1.8%	
69.1%	1,153	1,124	-29	-2.5%	
70.4%	1,150	1,123	-27	-2.3%	
71.6%	1,143	1,121	-21	-1.9%	
72.8%	1,123	1,115	-8	-0.7%	
74.1%	1,082	1,115	32	3.0%	
75.3%	1,082	1,113	31	2.8%	
76.5%	1,064	1,112	47	4.4%	
77.8%	1,041				

Table SW-41-b
San Luis Reservoir (SWP and CVP), End of Month Storage
Probability of Exceedance

June					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	1,881	1,942	60	3.2%	
1.2%	1,877	1,981	4	-0.2%	
2.5%	1,877	1,855	-22	-1.2%	
3.7%	1,783	1,784	1	0.0%	
4.9%	1,713	1,704	-9	-0.5%	
6.2%	1,689	1,657	-32	-1.9%	
7.4%	1,545	1,538	-4	-0.3%	
8.6%	1,460	1,467	7	0.5%	
9.9%	1,450	1,379	-71	-4.9%	
11.1%	1,434	1,290	-144	-10.0%	
12.3%	1,313	1,287	-27	-2.0%	
13.6%	1,308	1,250	-58	-4.4%	
14.8%	1,268	1,243	-25	-2.0%	
16.0%	1,257	1,235	-21	-1.7%	
17.3%	1,248	1,221	-26	-2.1%	
18.5%	1,229	1,217	-13	-1.0%	
19.8%	1,229	1,200	-28	-2.3%	
21.0%	1,192	1,180	-12	-1.0%	
22.2%	1,179	1,102	-78	-6.6%	
23.5%	1,143	1,090	-53	-4.6%	
24.7%	1,142	1,082	-60	-5.2%	
25.9%	1,110	1,078	-32	-2.9%	
27.2%	1,103	1,036	-67	-6.0%	
28.4%	1,043	1,027	-15	-1.5%	
29.6%	1,025	1,011	-14	-1.4%	
30.9%	1,019	1,010	-9	-0.9%	
32.1%	1,010	962	-48	-4.7%	
33.3%	1,007	961	-46	-4.6%	
34.6%	1,000	954	-47	-4.7%	
35.8%	987	942	-45	-4.6%	
37.0%	982	932	-51	-5.2%	
38.3%	975	929	-46	-4.7%	
39.5%	969	925	-44	-4.6%	
40.7%	930	887	-43	-4.7%	
42.0%	894	866	-8	-0.9%	
43.2%	893	854	-40	-4.5%	
44.4%	886	834	-52	-5.9%	
45.7%	877	829	-48	-5.5%	
46.9%	869	825	-44	-5.1%	
48.1%	868	820	-48	-5.5%	
49.4%	859	809	-50	-5.8%	
50.6%	827	792	-35	-4.3%	
51.9%	820	739	-82	-9.9%	
53.1%	778	722	-56	-7.2%	
54.3%	752	703	-49	-6.5%	
55.6%	743	698	-45	-6.0%	
56.8%	709	687	-22	-3.1%	
58.0%	697	678	-19	-2.8%	
59.3%	687	677	-10	-1.5%	
60.5%	685	659	-26	-3.8%	
61.7%	681	656	-25	-3.6%	
63.0%	676	625	-51	-7.6%	
64.2%	675	603	-72	-10.7%	
65.4%	669	598	-71	-10.6%	
66.7%	655	577	-78	-11.9%	
67.9%	644	576	-67	-10.5%	
69.1%	618	570	-48	-7.7%	
70.4%	592	560	-32	-5.5%	
71.6%	586	559	-27	-4.6%	
72.8%	582	559	-23	-3.9%	
74.1%	578	556	-22	-3.9%	
75.3%	560	552	-9	-1.5%	
76.5%	559	532	-27	-4.8%	
77.8%	553	531	-22	-4.0%	
79.0%	551	530	-21	-3.8%	
80.2%	542	527	-15	-2.8%	
81.5%	501	516	16	3.1%	
82.7%	497	489	-8	-1.6%	
84.0%	489	481	-1	-0.2%	
85.2%	483	471	-13	-2.7%	
86.4%	482	424	-58	-12.0%	
87.7%	445	424	-21	-4.6%	
88.9%	413	411	1	0.3%	
90.1%	396	357	-38	-9.7%	
91.4%	369	344	-25	-6.8%	
92.6%	359	328	-31	-8.7%	
93.8%	344	327	-18	-5.1%	
95.1%	308	275	-33	-10.8%	
96.3%	308	237	-71	-23.0%	
97.5%	260	188	-72	-27.7%	
98.8%	183	154	-29	-15.7%	
100.0%	113	103	-9	-8.4%	

July					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	1,793	1,791	-2	-0.1%	
1.2%	1,778	1,791	12	0.7%	
2.5%	1,766	1,749	-17	-1.0%	
3.7%	1,561	1,535	-27	-1.7%	
4.9%	1,504	1,502	-2	-0.1%	
6.2%	1,363	1,354	-9	-0.7%	
7.4%	1,304	1,325	22	1.7%	
8.6%	1,282	1,221	-61	-4.7%	
9.9%	1,260	1,201	-60	-4.7%	
11.1%	1,229	1,152	-77	-6.2%	
12.3%	1,200	1,131	-69	-5.8%	
13.6%	1,147	1,128	-20	-1.7%	
14.8%	1,120	1,072	-49	-4.3%	
16.0%	1,083	1,033	-51	-4.7%	
17.3%	1,068	1,012	-55	-5.2%	
18.5%	959	892	-67	-7.0%	
19.8%	912	881	-30	-3.3%	
21.0%	878	873	-5	-0.6%	
22.2%	868	863	-6	-0.6%	
23.5%	852	822	-30	-3.4%	
24.7%	843	810	-33	-3.9%	
25.9%	829	770	-60	-7.2%	
27.2%	827	761	-66	-8.0%	
28.4%	760	760	0	-3.8%	
29.6%	783	748	-35	-4.5%	
30.9%	758	739	-19	-2.5%	
32.1%	756	723	-33	-4.4%	
33.3%	746	719	-27	-3.7%	
34.6%	741	695	-46	-6.2%	
35.8%	736	684	-52	-7.1%	
37.0%	724	598	-127	-17.5%	
38.3%	722	674	-47	-6.6%	
39.5%	699	674	-26	-3.7%	
40.7%	684	672	-12	-1.8%	
42.0%	682	642	-39	-5.7%	
43.2%	663	641	-23	-3.5%	
44.4%	620	602	-19	-3.0%	
45.7%	616	600	-15	-2.5%	
46.9%	612	590	-22	-3.6%	
48.1%	597	592	-6	-0.9%	
49.4%	575	582	7	1.2%	
50.6%	572	571	-1	-0.1%	
51.9%	563	562	-1	-0.3%	
53.1%	560	556	-4	-0.7%	
54.3%	554	541	-13	-2.4%	
55.6%	547	512	-35	-6.4%	
56.8%	537	511	-26	-4.9%	
58.0%	522	507	-15	-2.8%	
59.3%	511	505	-6	-1.1%	
60.5%	505	500	-5	-1.0%	
61.7%	502	476	-26	-5.2%	
63.0%	496	476	-20	-4.1%	
64.2%	493	454	-40	-8.1%	
65.4%	467	448	-19	-4.1%	
66.7%	451	446	-5	-1.0%	
67.9%	442	438	-5	-1.0%	
69.1%	441	426	-15	-3.5%	
70.4%	441	412	-29	-6.6%	
71.6%	437	406	-31	-7.0%	
72.8%	432	404	-27	-6.3%	
74.1%	429	401	-28	-6.5%	
75.3%	405	399	-6	-1.5%	
76.5%	387	396	9	2.3%	
77.8%	371	378	7	1.9%	
79.0%	369	358	-11	-2.9%	
80.2%	360	336	-24	-6.7%	
81.5%	359	333	-27	-7.4%	
82.7%	342	316	-26	-7.5%	
84.0%	341	310	-31	-9.0%	
85.2%	341	303	-38	-11.0%	
86.4%	332	289	-44	-13.2%	
87.7%	298	269	-28	-9.5%	
88.9%	291	264	-27	-9.3%	
90.1%	268	253	-15	-5.6%	
91.4%	274	240	-34	-12.5%	
92.6%	204	235	30	14.9%	
93.8%	203	226	22	11.1%	
95.1%	198	225	28	13.9%	
96.3%	193	200	7	3.5%	
97.5%	182	181	-1	-0.5%	
98.8%	160	107	-53	-33.0%	
100.0%	115	102	-13	-11.3%	

August					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	1,507	1,475	-32	-2.1%	
1.2%	1,441	1,441	0	0.0%	
2.5%	1,415	1,426	11	0.8%	
3.7%	1,313	1,279	-35	-2.6%	
4.9%	1,214	1,259	45	3.7%	
6.2%	1,204	1,216	12	1.0%	
7.4%	1,197	1,181	-17	-1.4%	
8.6%	1,181	1,158	-24	-2.0%	
9.9%	1,180	1,147	-33	-2.8%	
11.1%	1,139	1,142	3	0.3%	
12.3%	1,133	1,131	-2	-0.1%	
13.6%	979	992	13	1.3%	
14.8%	863	851	-12	-1.4%	
16.0%	857	810	-47	-5.5%	
17.3%	747	789	43	5.7%	
18.5%	735	788	54	7.3%	
19.8%	731	784	53	7.2%	
21.0%	727	761	33	4.6%	
22.2%	638	758	43	6.0%	
23.5%	702	752	50	7.2%	
24.7%	686	739	53	7.8%	
25.9%	675	699	24	3.6%	
27.2%	670	664	-6	-0.9%	
28.4%	670	655	-15	-2.3%	
29.6%	670	651	-19	-2.7%	
30.9%	666	650	-16	-2.4%	
32.1%	653	640	-14	-2.1%	
33.3%	645	632	-13	-2.0%	
34.6%	642	625	-16	-2.5%	
35.8%	634	609	-26	-4.1%	
37.0%	611	598	-13	-2.1%	
38.3%	571	594	23	4.0%	
39.5%	525	594	68	13.0%	
40.7%	511	585	75	14.6%	
42.0%	506	505	-1	-0.1%	
43.2%	500	493	-7	-1.4%	
44.4%	497	472	-25	-5.1%	
45.7%	473	457	-16	-3.4%	
46.9%	469	438	-31	-6.6%	
48.1%	468	426	-41	-8.9%	
49.4%	426	424	-2	-0.5%	
50.6%	422	419	-3	-0.8%	
51.9%	414	404	-10	-2.5%	
53.1%	409	377	-32	-7.7%	
54.3%	408	373	-35	-8.5%	
55.6%	394	370	-23	-5.9%	
56.8%	388	344	-44	-11.4%	
58.0%	357	339	-18	-5.0%	
59.3%	353	335	-19	-5.3%	
60.5%	342	308	-35	-10.2%	
61.7%	340	326	-14	-4.2%	
63.0%	318	313	-5	-1.7%	
64.2%	312	292	-19	-6.2%	
65.4%	296	281	-15	-5.0%	
66.7%	291	275	-16	-5.4%	
67.9%	272	269	-2	-0.9%	
69.1%	263	267	5	1.7%	
70.4%	262	257	-6	-2.1%	
71.6%	260	254	-6	-2.3%	
72.8%	253	234	-19	-7.4%	
74.1%	249	234	-16	-6.2%	
75.3%	248	232	-16	-6.3%	
76.5%	247	231	-16	-6.3%	
77.8%	246	228	-18	-7.1%	
79.0%	238	219	-19	-8.0%	
80.2%	231	210	-22	-9.3%	
81.5%	216	208	-8	-3.6%	
82.7%	213	205	-7	-3.4%	
84.0%	212	198	-14	-6.5%	
85.2%	211	175	-35	-16.8%	
86.4%	209	171	-38	-18.3%	
87.7%	202	161	-41	-20.3%	
88.9%	198	154	-44	-22.3%	
90.1%	182	154	-27	-19.6%	
91.4%	182</				

Figure SW-42-b
San Luis Reservoir (SWP and CVP), End of Month Elevation
Probability of Exceedance

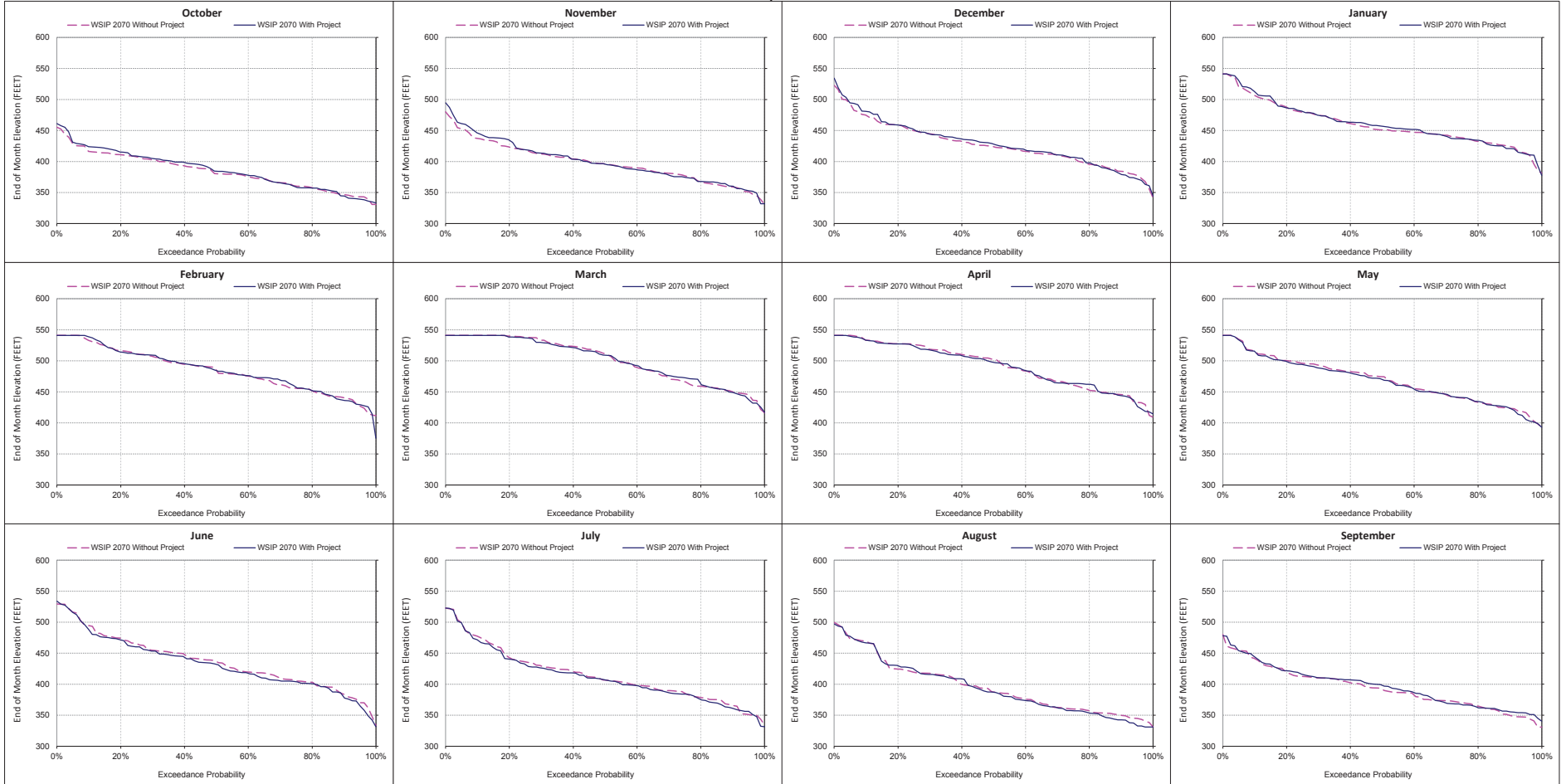


Table SW-42-b
San Luis Reservoir (SWP and CVP), End of Month Elevation
Probability of Exceedance

October				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Elevation (FEET)	WSIP 2070 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)
0.0%	455	461	6	1.3%
1.2%	452	458	5	1.2%
2.5%	444	455	11	2.4%
3.7%	439	448	8	1.9%
4.9%	429	431	2	0.5%
6.2%	425	429	4	0.8%
7.4%	425	428	3	0.8%
8.6%	425	427	2	0.5%
9.9%	416	424	7	1.8%
11.1%	416	423	8	1.9%
12.3%	415	423	8	2.0%
13.6%	414	423	8	2.0%
14.8%	414	422	8	1.9%
16.0%	414	421	7	1.5%
17.3%	412	419	7	1.7%
18.5%	411	418	7	1.8%
19.8%	411	415	4	1.0%
21.0%	409	415	4	1.1%
22.2%	409	414	5	1.2%
23.5%	409	409	0	0.0%
24.7%	408	409	1	0.2%
25.9%	406	408	2	0.4%
27.2%	404	407	3	0.7%
28.4%	404	407	3	0.6%
29.6%	403	405	2	0.5%
30.9%	403	404	2	0.4%
32.1%	400	404	4	1.0%
33.3%	400	402	2	0.6%
34.6%	399	402	2	0.6%
35.8%	397	401	4	1.0%
37.0%	395	399	4	1.0%
38.3%	394	399	5	1.3%
39.5%	394	399	5	1.4%
40.7%	392	397	5	1.4%
42.0%	391	396	5	1.4%
43.2%	391	396	5	1.4%
44.4%	389	395	6	1.5%
45.7%	388	394	5	1.4%
46.9%	388	392	3	0.9%
48.1%	387	389	2	0.5%
49.4%	380	384	4	1.1%
50.6%	380	384	4	1.1%
51.9%	380	384	4	1.1%
53.1%	380	383	4	1.0%
54.3%	380	382	3	0.7%
55.6%	380	382	3	0.7%
56.8%	379	381	1	0.4%
58.0%	379	380	2	0.4%
59.3%	376	379	2	0.5%
60.5%	375	377	2	0.7%
61.7%	373	377	4	1.0%
63.0%	373	376	3	0.8%
64.2%	372	374	2	0.5%
65.4%	372	371	-1	-0.3%
66.7%	369	369	0	-0.1%
67.9%	367	367	0	0.0%
69.1%	366	366	0	0.0%
70.4%	366	365	-1	-0.1%
71.6%	365	364	-1	-0.4%
72.8%	365	363	-1	-0.4%
74.1%	361	361	0	-0.1%
75.3%	360	358	-2	-0.6%
76.5%	360	358	-2	-0.7%
77.8%	360	358	-2	-0.6%
79.0%	359	358	-1	-0.4%
80.2%	357	357	0	-0.1%
81.5%	355	357	2	0.5%
82.7%	355	355	1	0.2%
84.0%	353	355	2	0.5%
85.2%	350	354	3	0.9%
86.4%	350	353	3	0.7%
87.7%	348	352	3	0.9%
88.9%	347	345	-3	-0.8%
90.1%	347	344	-3	-0.6%
91.4%	346	341	-5	-1.3%
92.6%	344	340	-3	-1.0%
93.8%	343	340	-3	-0.9%
95.1%	343	339	-4	-1.1%
96.3%	343	347	4	1.3%
97.5%	339	336	-3	-1.0%
98.8%	331	335	4	1.3%
100.0%	331	332	2	0.7%

November				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Elevation (FEET)	WSIP 2070 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)
0.0%	480	495	15	3.0%
1.2%	472	487	15	3.2%
2.5%	467	475	8	1.7%
3.7%	454	463	9	1.9%
4.9%	453	461	9	1.9%
6.2%	451	460	9	2.0%
7.4%	446	456	10	2.2%
8.6%	438	451	12	2.8%
9.9%	437	446	9	2.1%
11.1%	436	444	7	1.6%
12.3%	434	441	6	1.4%
13.6%	434	439	4	1.0%
14.8%	433	438	5	1.2%
16.0%	432	434	2	0.5%
17.3%	426	438	12	2.9%
18.5%	425	437	12	2.8%
19.8%	424	435	11	2.6%
21.0%	421	431	10	2.3%
22.2%	421	422	1	0.2%
23.5%	421	420	-1	-0.2%
24.7%	419	419	0	0.0%
25.9%	417	417	2	0.4%
27.2%	414	417	3	0.7%
28.4%	413	414	1	0.2%
29.6%	412	413	1	0.3%
30.9%	412	413	2	0.4%
32.1%	411	412	1	0.2%
33.3%	408	411	3	0.7%
34.6%	408	411	3	0.8%
35.8%	407	410	3	0.8%
37.0%	407	409	2	0.5%
38.3%	407	409	2	0.5%
39.5%	404	404	0	-0.1%
40.7%	404	404	0	-0.1%
42.0%	403	403	0	0.0%
43.2%	403	400	-2	-0.6%
44.4%	401	400	-1	-0.2%
45.7%	398	398	-1	-0.1%
46.9%	398	397	-1	-0.1%
48.1%	396	397	0	0.0%
49.4%	396	397	0	0.0%
50.6%	396	395	-1	-0.3%
51.9%	395	395	0	-0.1%
53.1%	394	393	-1	-0.1%
54.3%	392	392	0	0.1%
55.6%	392	390	-2	-0.4%
56.8%	391	388	-3	-0.7%
58.0%	391	388	-2	-0.6%
59.3%	390	388	-3	-0.7%
60.5%	389	386	-3	-0.8%
61.7%	389	386	-3	-0.9%
63.0%	387	384	-3	-0.7%
64.2%	385	384	-1	-0.3%
65.4%	384	383	-1	-0.3%
66.7%	382	382	0	0.1%
67.9%	382	381	-1	-0.3%
69.1%	381	380	-1	-0.4%
70.4%	381	377	-3	-0.9%
71.6%	380	376	-5	-1.3%
72.8%	379	376	-4	-1.0%
74.1%	379	376	-3	-0.8%
75.3%	376	374	-2	-0.6%
76.5%	374	373	-1	-0.3%
77.8%	374	373	-1	-0.3%
79.0%	369	368	-1	-0.2%
80.2%	367	368	1	0.3%
81.5%	366	368	2	0.5%
82.7%	365	367	2	0.7%
84.0%	363	367	3	0.9%
85.2%	363	366	4	1.0%
86.4%	361	365	3	0.9%
87.7%	360	364	5	1.3%
88.9%	359	360	1	0.3%
90.1%	359	364	1	0.4%
91.4%	358	356	-2	-0.4%
92.6%	355	356	1	0.2%
93.8%	352	354	3	0.7%
95.1%	351	353	2	0.4%
96.3%	349	352	5	1.4%
97.5%	345	349	4	1.2%
98.8%	339	332	-7	-2.0%
100.0%	331	332	1	0.3%

December				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Elevation (FEET)	WSIP 2070 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)
0.0%	523	534	12	2.2%
1.2%	519	519	3	0.6%
2.5%	501	507	7	1.3%
3.7%	499	503	4	0.8%
4.9%	494	495	1	0.2%
6.2%	483	494	11	2.3%
7.4%	480	492	11	2.3%
8.6%	476	481	5	1.2%
9.9%	475	481	6	1.3%
11.1%	471	480	9	1.9%
12.3%	471	476	5	1.1%
13.6%	465	476	11	2.4%
14.8%	461	464	3	0.6%
16.0%	460	464	4	0.8%
17.3%	460	460	0	0.1%
18.5%	460	459	0	0.0%
19.8%	459	459	0	0.0%
21.0%	458	458	0	0.0%
22.2%	455	457	2	0.5%
23.5%	452	454	3	0.6%
24.7%	450	453	3	0.6%
25.9%	449	449	0	0.0%
27.2%	447	447	1	0.1%
28.4%	446	447	1	0.2%
29.6%	444	444	-1	-0.1%
30.9%	444	443	-1	-0.2%
32.1%	442	443	1	0.1%
33.3%	438	443	4	0.7%
34.6%	437	440	3	0.7%
35.8%	436	440	4	0.9%
37.0%	434	439	5	1.2%
38.3%	433	438	4	1.0%
39.5%	433	437	3	0.8%
40.7%	431	435	4	1.0%
42.0%	431	435	4	1.0%
43.2%	428	435	7	1.6%
44.4%	427	433	6	1.3%
45.7%	426	431	5	1.2%
46.9%	426	431	5	1.3%
48.1%	425	430	5	1.2%
49.4%	425	429	4	1.0%
50.6%	423	427	4	1.0%
51.9%	422	425	3	0.7%
53.1%	422	424	2	0.5%
54.3%	422	423	1	0.3%
55.6%	420	421	1	0.3%
56.8%	419	421	1	0.3%
58.0%	418	420	2	0.5%
59.3%	417	420	3	0.8%
60.5%	416	417	3	0.7%
61.7%	415	417	2	0.5%
63.0%	413	416	3	0.7%
64.2%	413	416	3	0.7%
65.4%	412	416	4	0.9%
66.7%	412	415	3	0.7%
67.9%	412	415	3	0.7%
69.1%	412	411	0	-0.1%
70.4%	410	411	1	0.3%
71.6%	409	410	1	0.4%
72.8%	408	407	1	0.2%
74.1%	406	407	2	0.5%
75.3%	405	407	2	0.5%
76.5%	400	406	5	1.3%
77.8%	399	405	6	1.6%
79.0%	396	398	2	0.5%
80.2%	395	398	2	0.6%
81.5%	395	394	0	-0.1%
82.7%	395	394	-1	-0.2%
84.0%	393	390	-3	-0.8%
85.2%	390	389	-1	-0.3%
86.4%	389	387	-2	-0.4%
87.7%	389	385	-3	-0.8%
88.9%	384	382	-2	-0.6%
90.1%	384	379	-5	-1.3%
91.4%	384	378	-6	-1.5%
92.6%	381	374	-6	-1.7%
93.8%	380	374	-6	-1.5%
95.1%	378	372	-6	-1.5%
96.3%	373	370	-3	-0.9%
97.5%	367	363	-4	-1.2%
98.8%	355	361	6	1.6%
100.0%	341	344	3	0.9%

January				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Elevation (FEET)	WSIP 2070 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)
0.0%	541	541	0	0.0%
1.2%	541	541	0	0.0%
2.5%	538	539	2	0.4%
3.7%	537	538	2	0.3%
4.9%	521	531	11	2.0%
6.2%	519	521	2	0.5%
7.4%	515	520	6	1.1%
8.6%	511	518	7	1.4%
9.9%	507	513	6	1.2%
11.1%	503	507	4	0.7%
12.3%	502	506	5	0.9%
13.6%	500	506	5	1.1%
14.8%	499	506	7	1.4%
16.0%	495	498	3	0.6%
17.3%	491	490	-2	-0.4%
18.5%	490	488	-2	-0.4%
19.8%	488	487	-1	-0.3%
21.0%	484	486	1	0.3%
22.2%	483	485	3	0.6%
23.5%	481	483	2	0.3%
24.7%	480			

Table SW-42-b
San Luis Reservoir (SWP and CVP), End of Month Elevation
Probability of Exceedance

February				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Elevation (FEET)	WSIP 2070 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)
0.0%	541	541	0	0.0%
1.2%	541	541	0	0.0%
2.5%	541	541	0	0.0%
3.7%	541	541	0	0.0%
4.9%	541	541	0	0.0%
6.2%	541	541	0	0.0%
7.4%	541	541	0	0.1%
8.6%	537	541	4	0.8%
9.9%	533	539	6	1.1%
11.1%	531	537	6	1.2%
12.3%	530	534	4	0.7%
13.6%	526	531	5	0.9%
14.8%	525	526	1	0.1%
16.0%	522	521	0	0.0%
17.3%	520	520	0	-0.1%
18.5%	517	516	-1	-0.2%
19.8%	516	514	-2	-0.4%
21.0%	516	514	-2	-0.4%
22.2%	515	512	-3	-0.5%
23.5%	514	512	-2	-0.3%
24.7%	511	511	0	-0.1%
25.9%	510	510	-1	-0.1%
27.2%	510	510	-1	-0.1%
28.4%	509	510	1	0.2%
29.6%	508	509	2	0.3%
30.9%	506	509	3	0.7%
32.1%	505	504	-1	-0.2%
33.3%	501	503	2	0.4%
34.6%	499	501	2	0.4%
35.8%	497	500	2	0.4%
37.0%	497	499	2	0.4%
38.3%	496	496	0	0.0%
39.5%	496	496	1	0.3%
40.7%	494	495	1	0.1%
42.0%	494	494	0	0.0%
43.2%	493	493	0	0.0%
44.4%	491	492	1	0.2%
45.7%	491	492	1	0.2%
46.9%	491	489	-2	-0.3%
48.1%	490	488	-2	-0.5%
49.4%	490	485	-4	-0.9%
50.6%	480	483	3	0.7%
51.9%	480	483	4	0.7%
53.1%	480	481	2	0.3%
54.3%	479	480	1	0.3%
55.6%	479	480	1	0.2%
56.8%	478	478	-1	-0.2%
58.0%	478	497	-1	-0.2%
59.3%	476	476	1	0.1%
60.5%	475	476	1	0.1%
61.7%	474	474	0	-0.1%
63.0%	471	473	2	0.4%
64.2%	471	473	2	0.5%
65.4%	469	473	4	0.9%
66.7%	468	472	4	0.9%
67.9%	464	471	7	1.6%
69.1%	461	471	9	2.0%
70.4%	461	468	7	1.5%
71.6%	460	468	8	1.7%
72.8%	457	464	7	1.5%
74.1%	456	461	4	0.9%
75.3%	455	456	1	0.2%
76.5%	455	456	1	0.2%
77.8%	455	455	0	-0.1%
79.0%	454	454	0	-0.1%
80.2%	451	452	1	0.1%
81.5%	448	451	3	0.6%
82.7%	448	451	3	0.6%
84.0%	446	446	0	0.1%
85.2%	443	445	2	0.4%
86.4%	442	444	1	0.3%
87.7%	442	438	-4	-0.8%
88.9%	442	438	-4	-0.9%
90.1%	440	436	-4	-1.0%
91.4%	439	436	-4	-0.8%
92.6%	437	434	-3	-0.7%
93.8%	431	430	0	-0.1%
95.1%	427	429	2	0.5%
96.3%	424	428	4	0.9%
97.5%	415	426	11	2.6%
98.8%	413	414	1	0.3%
100.0%	412	375	-36	-8.8%

March				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Elevation (FEET)	WSIP 2070 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)
0.0%	541	541	0	0.0%
1.2%	541	541	0	0.0%
2.5%	541	541	0	0.0%
3.7%	541	541	0	0.0%
4.9%	541	541	0	0.0%
6.2%	541	541	0	0.0%
7.4%	541	541	0	0.0%
8.6%	541	541	0	0.0%
9.9%	541	541	0	0.0%
11.1%	541	541	0	0.0%
12.3%	541	541	0	0.0%
13.6%	541	541	0	0.0%
14.8%	541	541	0	0.0%
16.0%	541	541	0	0.0%
17.3%	541	541	0	0.0%
18.5%	541	541	0	0.0%
19.8%	540	538	-1	-0.3%
21.0%	540	538	-2	-0.3%
22.2%	539	538	-1	-0.2%
23.5%	539	538	-1	-0.2%
24.7%	538	537	-1	-0.1%
25.9%	538	536	-2	-0.2%
27.2%	537	536	-2	-0.3%
28.4%	537	530	-7	-1.4%
29.6%	533	530	-3	-0.6%
30.9%	533	529	-4	-0.8%
32.1%	530	528	-2	-0.3%
33.3%	528	526	-2	-0.3%
34.6%	528	525	-3	-0.5%
35.8%	526	523	-3	-0.5%
37.0%	524	523	-1	-0.3%
38.3%	524	522	-2	-0.3%
39.5%	524	522	-2	-0.3%
40.7%	523	521	-2	-0.4%
42.0%	522	519	-3	-0.6%
43.2%	521	516	-5	-0.9%
44.4%	519	516	-3	-0.5%
45.7%	518	516	-2	-0.6%
46.9%	516	515	-1	-0.3%
48.1%	515	511	-4	-0.7%
49.4%	512	509	-3	-0.6%
50.6%	511	509	-2	-0.3%
51.9%	507	509	2	0.3%
53.1%	500	504	4	0.8%
54.3%	499	499	1	0.2%
55.6%	497	498	1	0.3%
56.8%	497	496	-1	-0.2%
58.0%	497	495	-1	-0.2%
59.3%	490	493	3	0.6%
60.5%	488	492	3	0.7%
61.7%	487	487	-1	-0.1%
63.0%	486	486	0	0.1%
64.2%	484	485	1	0.2%
65.4%	483	484	0	0.1%
66.7%	479	483	4	0.9%
67.9%	478	480	5	1.0%
69.1%	476	477	1	0.2%
70.4%	470	476	5	1.2%
71.6%	470	475	5	1.0%
72.8%	469	474	4	1.0%
74.1%	467	473	6	1.3%
75.3%	466	473	7	1.4%
76.5%	462	471	9	2.0%
77.8%	460	471	11	2.4%
79.0%	459	470	11	2.4%
80.2%	459	461	2	0.5%
81.5%	458	460	2	0.4%
82.7%	458	458	0	-0.1%
84.0%	457	456	0	0.0%
85.2%	449	448	-1	-0.3%
86.4%	453	455	1	0.3%
87.7%	452	454	1	0.3%
88.9%	452	450	-2	-0.5%
90.1%	450	449	-1	-0.2%
91.4%	448	447	-1	-0.3%
92.6%	448	445	-3	-0.7%
93.8%	447	443	-4	-0.8%
95.1%	445	437	-8	-1.8%
96.3%	442	432	-10	-2.1%
97.5%	436	432	-4	-1.0%
98.8%	422	425	3	0.8%
100.0%	416	417	0	0.1%

April				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Elevation (FEET)	WSIP 2070 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)
0.0%	541	541	0	0.0%
1.2%	541	541	0	0.0%
2.5%	541	541	0	0.0%
3.7%	541	541	0	0.0%
4.9%	541	540	-1	-0.2%
6.2%	540	538	-2	-0.4%
7.4%	539	538	-1	-0.2%
8.6%	538	536	-2	-0.3%
9.9%	533	531	0	0.0%
11.1%	533	532	-1	-0.1%
12.3%	532	532	0	0.0%
13.6%	532	529	-3	-0.5%
14.8%	530	529	-1	-0.2%
16.0%	528	528	0	-0.1%
17.3%	528	527	-1	-0.1%
18.5%	528	527	0	-0.1%
19.8%	528	527	0	-0.1%
21.0%	527	527	0	0.0%
22.2%	527	527	0	0.0%
23.5%	527	527	0	-0.1%
24.7%	526	525	-2	-0.5%
25.9%	526	522	-4	-0.7%
27.2%	525	519	-6	-1.2%
28.4%	524	518	-5	-0.9%
29.6%	519	518	-1	-0.2%
30.9%	518	517	-2	-0.3%
32.1%	518	515	-3	-0.5%
33.3%	517	513	-4	-0.7%
34.6%	517	512	-5	-1.0%
35.8%	514	510	-4	-0.7%
37.0%	512	510	-2	-0.4%
38.3%	512	509	-2	-0.4%
39.5%	511	509	-1	-0.3%
40.7%	510	507	-2	-0.4%
42.0%	506	502	-4	-0.8%
43.2%	505	503	-2	-0.6%
44.4%	507	504	-3	-0.6%
45.7%	507	504	-3	-0.6%
46.9%	505	503	-2	-0.4%
48.1%	505	500	-4	-0.9%
49.4%	503	498	-5	-1.0%
50.6%	502	497	-5	-1.1%
51.9%	498	497	-1	-0.3%
53.1%	492	495	3	0.6%
54.3%	489	495	6	1.2%
55.6%	489	490	2	0.3%
56.8%	488	489	1	0.1%
58.0%	487	488	1	0.3%
59.3%	484	485	1	0.3%
60.5%	483	484	0	0.0%
61.7%	481	483	3	0.6%
63.0%	477	477	1	0.1%
64.2%	476	476	4	0.8%
65.4%	472	472	1	0.2%
66.7%	471	469	-2	-0.4%
67.9%	470	468	-2	-0.4%
69.1%	467	465	-3	-0.6%
70.4%	467	464	-3	-0.6%
71.6%	466	464	-2	-0.4%
72.8%	464	464	-1	-0.2%
74.1%	461	464	3	0.6%
75.3%	460	463	3	0.6%
76.5%	459	463	5	1.0%
77.8%	456	463	6	1.4%
79.0%	455	462	7	1.6%
80.2%	452	462	10	2.1%
81.5%	452	461	9	2.0%
82.7%	451	451	1	0.1%
84.0%	449	448	-1	-0.3%
85.2%	449	448	-1	-0.3%
86.4%	446	447	1	0.3%
87.7%	446	447	1	0.3%
88.9%	446	445	-1	-0.3%
90.1%	444	444	-2	-0.4%
91.4%	443	442	-2	-0.5%
92.6%	444	441	-3	-0.6%
93.8%	434	437	3	0.6%
95.1%	433	426	-6	-1.5%
96.3%	433	422	-10	-2.4%
97.5%	430	418	-11	-2.6%
98.8%	412	418	6	1.4%
100.0%	409	414	5	1.3%

May				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Elevation (FEET)	WSIP 2070 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)
0.0%	541	541	0	0.0%
1.2%	541	541	0	0.0%
2.5%	541	541	0	0.0%
3.7%	539	539	0	0.0%
4.9%	535	534	-1	-0.1%
6.2%	532	530	-2	-0.3%
7.4%	518	517	-1	-0.2%
8.6%	517	516	-1	-0.2%
9.9%	516	515	-1	-0.1%
11.1%	511	509	-2	-0.4%
12.3%	511	508	-3	-0.5%
13.6%	510	508	-2	-0.3%
14.8%	509	505	-4	-0.8%
16.0%	508	502	-7	-1.3%
17.3%	502	502	0	-0.1%
18.5%	501	501	0	0.1%
19.8%	500	500	-1	-0.2%
21.0%	500	497	-3	-0.5%
22.2%	500	496	-4	-0.8%
23.5%	498	494	-3	-0.7%
24.7%	496	494		

Table SW-42-b
San Luis Reservoir (SWP and CVP), End of Month Elevation
Probability of Exceedance

June					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Elevation (FEET)	WSIP 2070 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	529	534	4	0.8%	
1.2%	529	529	0	0.1%	
2.5%	529	527	-2	-0.3%	
3.7%	522	522	0	0.0%	
4.9%	517	516	-1	-0.1%	
6.2%	515	512	-3	-0.5%	
7.4%	503	502	0	-0.1%	
8.6%	496	496	1	0.1%	
9.9%	495	488	-6	-1.3%	
11.1%	493	480	-13	-2.6%	
12.3%	482	480	-2	-0.5%	
13.6%	482	477	-5	-1.1%	
14.8%	478	476	-2	-0.5%	
16.0%	477	475	-2	-0.4%	
17.3%	476	474	-2	-0.5%	
18.5%	475	473	-1	-0.3%	
19.8%	475	472	-3	-0.6%	
21.0%	470	470	-1	-0.3%	
22.2%	470	462	-7	-1.6%	
23.5%	466	461	-5	-1.1%	
24.7%	466	460	-6	-1.2%	
25.9%	463	460	-3	-0.7%	
27.2%	463	456	-7	-1.4%	
28.4%	457	455	-1	-0.3%	
29.6%	455	454	-1	0.3%	
30.9%	454	453	-1	-0.2%	
32.1%	453	449	-5	-1.1%	
33.3%	453	448	-5	-1.0%	
34.6%	452	448	-5	-1.0%	
35.8%	451	447	-5	-1.0%	
37.0%	451	446	-5	-1.1%	
38.3%	450	445	-5	-1.0%	
39.5%	449	445	-4	-1.0%	
40.7%	445	441	-4	-1.0%	
42.0%	442	441	-1	-0.2%	
43.2%	442	438	-4	-0.9%	
44.4%	441	435	-5	-1.2%	
45.7%	440	435	-5	-0.4%	
46.9%	439	435	-5	-1.0%	
48.1%	439	434	-5	-1.1%	
49.4%	438	433	-5	-1.2%	
50.6%	435	431	-4	-0.9%	
51.9%	434	425	-9	-2.0%	
53.1%	430	424	-6	-1.4%	
54.3%	427	421	-5	-1.2%	
55.6%	426	421	-5	-1.1%	
56.8%	422	420	-2	-0.6%	
58.0%	421	419	-2	-0.5%	
59.3%	420	419	-1	-0.3%	
60.5%	419	417	-3	-0.7%	
61.7%	419	416	-3	-0.7%	
63.0%	419	413	-6	-1.4%	
64.2%	418	410	-8	-2.0%	
65.4%	418	410	-8	-2.0%	
66.7%	416	407	-9	-2.2%	
67.9%	415	407	-8	-1.9%	
69.1%	412	406	-6	-1.4%	
70.4%	409	405	-4	-1.0%	
71.6%	408	405	-3	-0.8%	
72.8%	408	405	-3	-0.7%	
74.1%	407	404	-3	-0.7%	
75.3%	405	404	-1	-0.3%	
76.5%	405	402	-3	-0.8%	
77.8%	404	401	-3	-0.7%	
79.0%	404	401	-3	-0.6%	
80.2%	403	401	-2	-0.5%	
81.5%	398	400	2	0.5%	
82.7%	397	396	-1	-0.3%	
84.0%	396	396	0	0.0%	
85.2%	395	394	-2	-0.4%	
86.4%	395	387	-8	-2.0%	
87.7%	390	387	-3	-0.7%	
88.9%	386	386	0	0.0%	
90.1%	385	378	-6	-1.5%	
91.4%	380	376	-4	-1.0%	
92.6%	378	373	-5	-1.3%	
93.8%	376	373	-3	-0.7%	
95.1%	370	365	-5	-1.5%	
96.3%	370	365	-12	-3.2%	
97.5%	362	349	-13	-3.6%	
98.8%	348	342	-6	-1.6%	
100.0%	334	332	-2	-0.6%	

July					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Elevation (FEET)	WSIP 2070 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	523	523	0	0.0%	
1.2%	522	523	1	0.2%	
2.5%	521	519	-1	-0.3%	
3.7%	504	502	-2	-0.4%	
4.9%	499	499	0	0.0%	
6.2%	487	486	-1	-0.2%	
7.4%	482	484	2	0.4%	
8.6%	480	474	-6	-1.2%	
9.9%	477	472	-6	-1.2%	
11.1%	475	467	-7	-1.5%	
12.3%	472	465	-7	-1.4%	
13.6%	467	465	-2	-0.4%	
14.8%	464	459	-5	-1.0%	
16.0%	461	453	-8	-1.7%	
17.3%	459	454	-5	-1.2%	
18.5%	448	441	-7	-1.5%	
19.8%	444	440	-3	-0.7%	
21.0%	440	440	-1	-0.1%	
22.2%	439	438	-1	-0.1%	
23.5%	437	434	-3	-0.7%	
24.7%	436	423	-13	-3.0%	
25.9%	435	429	-6	-1.5%	
27.2%	435	428	-7	-1.6%	
28.4%	431	428	-3	-0.7%	
29.6%	430	426	-4	-0.9%	
30.9%	427	425	-2	-0.5%	
32.1%	427	424	-4	-0.8%	
33.3%	426	423	-3	-0.7%	
34.6%	426	421	-5	-1.2%	
35.8%	424	419	-5	-1.1%	
37.0%	424	419	-5	-1.2%	
38.3%	424	418	-5	-1.2%	
39.5%	421	418	-3	-0.7%	
40.7%	419	418	-1	-0.3%	
42.0%	419	415	-4	-1.1%	
43.2%	417	415	-3	-0.7%	
44.4%	412	410	-2	-0.5%	
45.7%	412	410	-2	-0.4%	
46.9%	411	410	-1	-0.3%	
48.1%	409	409	0	-0.2%	
49.4%	408	408	0	0.0%	
50.6%	406	406	0	0.0%	
51.9%	405	405	0	0.0%	
53.1%	405	405	0	-0.1%	
54.3%	404	403	-2	-0.4%	
55.6%	403	399	-4	-1.1%	
56.8%	402	399	-3	-0.8%	
58.0%	400	398	-2	-0.5%	
59.3%	399	398	-1	-0.2%	
60.5%	398	397	-1	-0.2%	
61.7%	398	394	-3	-0.9%	
63.0%	397	394	-3	-0.7%	
64.2%	397	391	-5	-1.3%	
65.4%	393	391	-3	-0.7%	
66.7%	391	390	-1	-0.2%	
67.9%	390	389	-1	-0.2%	
69.1%	390	388	-2	-0.5%	
70.4%	390	386	-4	-1.0%	
71.6%	389	385	-4	-1.1%	
72.8%	388	385	-3	-1.0%	
74.1%	388	384	-4	-1.0%	
75.3%	385	384	-1	-0.2%	
76.5%	382	383	1	0.3%	
77.8%	380	381	1	0.3%	
79.0%	379	378	-2	-0.4%	
80.2%	378	374	-4	-1.0%	
81.5%	378	374	-4	-1.1%	
82.7%	375	371	-4	-1.1%	
84.0%	375	370	-5	-1.3%	
85.2%	375	369	-6	-1.6%	
86.4%	374	367	-7	-1.9%	
87.7%	368	364	-5	-1.3%	
88.9%	367	363	-5	-1.2%	
90.1%	366	361	-5	-1.3%	
91.4%	365	359	-6	-1.6%	
92.6%	352	358	6	1.6%	
93.8%	352	356	4	1.2%	
95.1%	351	356	5	1.5%	
96.3%	350	351	1	0.4%	
97.5%	348	348	0	0.0%	
98.8%	344	332	-11	-3.2%	
100.0%	334	331	-3	-0.9%	

August					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Elevation (FEET)	WSIP 2070 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	500	497	-3	-0.5%	
1.2%	496	494	-2	-0.4%	
2.5%	492	493	1	0.2%	
3.7%	482	469	-13	-2.7%	
4.9%	473	477	4	0.9%	
6.2%	472	473	1	0.2%	
7.4%	472	470	-2	-0.3%	
8.6%	470	468	-2	-0.5%	
9.9%	470	467	-3	-0.7%	
11.1%	466	466	0	0.0%	
12.3%	465	465	0	0.1%	
13.6%	450	452	1	0.3%	
14.8%	439	437	-1	-0.3%	
16.0%	438	432	-5	-1.1%	
17.3%	426	431	5	1.1%	
18.5%	425	431	6	1.4%	
19.8%	425	430	6	1.3%	
21.0%	424	428	4	0.9%	
22.2%	423	428	5	1.1%	
23.5%	421	427	5	1.3%	
24.7%	420	425	6	1.4%	
25.9%	418	421	3	0.6%	
27.2%	418	417	-1	-0.2%	
28.4%	418	416	-2	-0.4%	
29.6%	418	416	-2	-0.5%	
30.9%	417	410	-7	-1.6%	
32.1%	416	414	-2	-0.4%	
33.3%	415	414	-1	-0.1%	
34.6%	415	413	-2	-0.4%	
35.8%	414	411	-3	-0.7%	
37.0%	411	410	-2	-0.4%	
38.3%	406	409	3	0.7%	
39.5%	401	409	8	2.1%	
40.7%	399	408	9	2.3%	
42.0%	398	400	0	0.0%	
43.2%	397	397	-1	-0.1%	
44.4%	397	394	-3	-0.8%	
45.7%	394	392	-2	-0.5%	
46.9%	393	389	-4	-1.1%	
48.1%	393	388	-6	-1.4%	
49.4%	389	387	-2	-0.5%	
50.6%	387	387	0	-0.1%	
51.9%	386	385	-1	-0.4%	
53.1%	385	381	-5	-1.2%	
54.3%	385	380	-5	-1.3%	
55.6%	383	380	-3	-0.9%	
56.8%	379	376	-4	-1.0%	
58.0%	378	375	-3	-0.7%	
59.3%	377	374	-3	-0.8%	
60.5%	376	373	-3	-0.8%	
61.7%	375	373	-2	-0.6%	
63.0%	372	371	-1	-0.2%	
64.2%	371	368	-3	-0.8%	
65.4%	368	366	-2	-0.7%	
66.7%	367	365	-3	-0.7%	
67.9%	364	364	0	-0.1%	
69.1%	363	363	0	0.2%	
70.4%	363	362	-1	-0.3%	
71.6%	362	361	-1	-0.3%	
72.8%	361	358	-3	-0.9%	
74.1%	360	358	-3	-0.8%	
75.3%	360	357	-3	-0.8%	
76.5%	360	357	-3	-0.8%	
77.8%	360	357	-3	-0.9%	
79.0%	358	355	-3	-1.0%	
80.2%	357	353	-4	-1.1%	
81.5%	354	353	-1	-0.4%	
82.7%	354	352	-1	-0.4%	
84.0%	354	349	-5	-1.3%	
85.2%	353	347	-7	-1.9%	
86.4%	353	346	-7	-2.1%	
87.7%	352	344	-8	-2.3%	
88.9%	351	342	-9	-2.5%	
90.1%	350	342	-7	-2.1%	
91.4%	348	342	-6	-1.7%	
92.6%	346	338	-8	-2.4%	
93.8%	345	337	-8	-2.3%	
95.1%	345	333	-12	-3.5%	
96.3%	343	333	-11	-3.1%	
97.5%	341	331	-10	-2.9%	
98.8%	338	331	-7	-2.1%	
100.0%	331	331	0	0.0%	

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Figure SW-43-b
San Luis Reservoir (SWP and CVP), End of Month Area
Probability of Exceedance

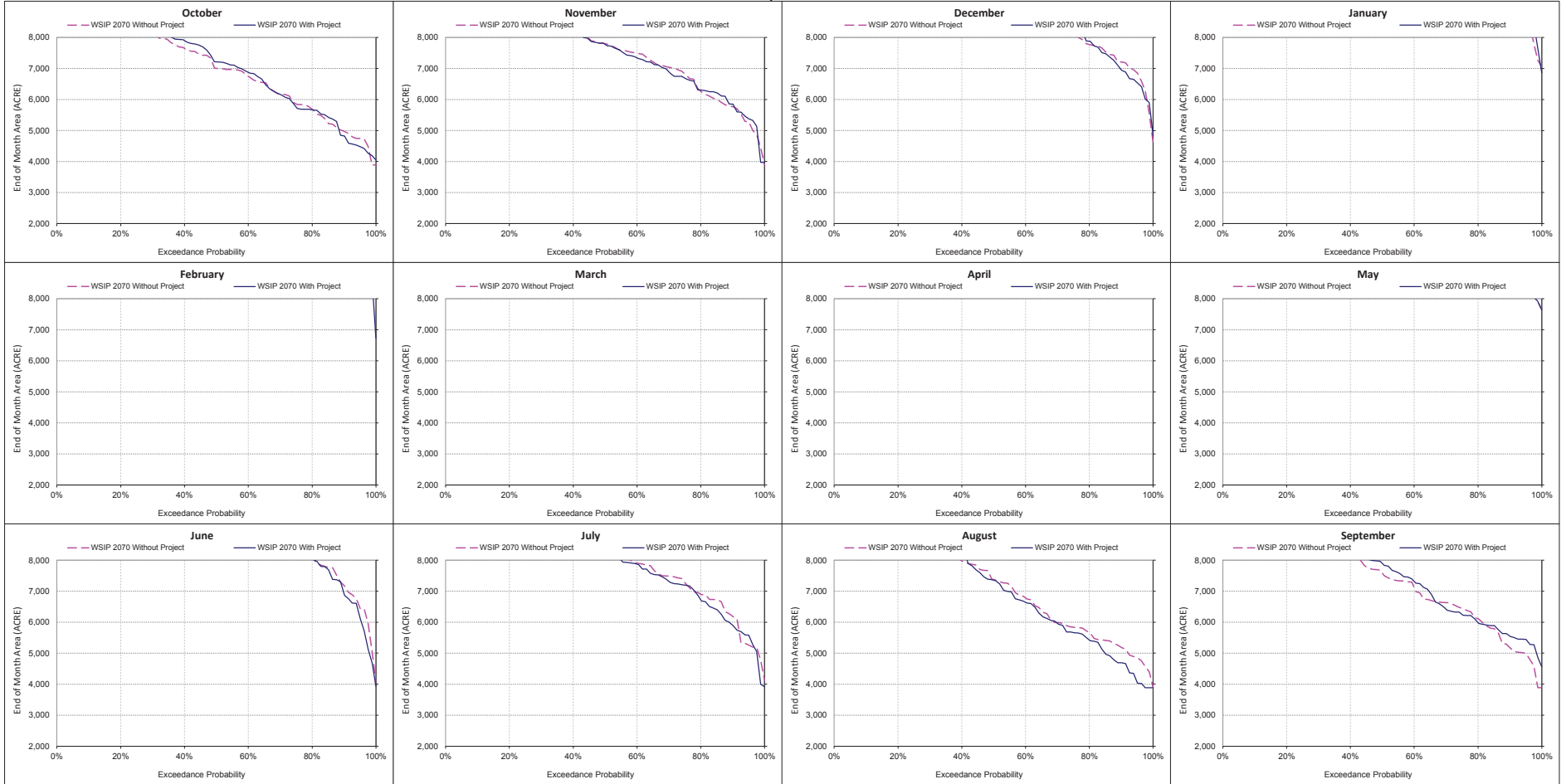


Table SW-43-b
San Luis Reservoir (SWP and CVP), End of Month Area
Probability of Exceedance

October				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Area (ACRE)	WSIP 2070 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	10,052	10,244	192	1.9%
1.2%	9,956	10,132	176	1.8%
2.5%	9,680	10,045	366	3.8%
3.7%	9,508	9,797	289	3.0%
4.9%	9,150	9,225	76	0.8%
6.2%	9,017	9,149	132	1.5%
7.4%	9,003	9,123	120	1.3%
8.6%	8,965	9,067	102	1.1%
9.9%	8,672	8,953	281	3.2%
11.1%	8,639	8,942	303	3.5%
12.3%	8,620	8,935	316	3.7%
13.6%	8,585	8,909	324	3.8%
14.8%	8,571	8,884	312	3.6%
16.0%	8,563	8,833	270	3.2%
17.3%	8,508	8,788	279	3.3%
18.5%	8,465	8,733	269	3.2%
19.8%	8,459	8,631	172	2.0%
21.0%	8,434	8,611	177	2.1%
22.2%	8,381	8,578	197	2.4%
23.5%	8,373	8,367	-6	-0.1%
24.7%	8,323	8,363	40	0.5%
25.9%	8,258	8,326	68	0.8%
27.2%	8,169	8,296	127	1.6%
28.4%	8,160	8,269	109	1.3%
29.6%	8,109	8,203	94	1.2%
30.9%	8,095	8,162	67	0.8%
32.1%	7,976	8,156	180	2.3%
33.3%	7,972	8,076	105	1.3%
34.6%	7,942	8,054	111	1.4%
35.8%	7,832	8,013	181	2.3%
37.0%	7,768	7,943	175	2.3%
38.3%	7,695	7,941	246	3.2%
39.5%	7,681	7,931	251	3.3%
40.7%	7,597	7,851	254	3.3%
42.0%	7,560	7,813	253	3.3%
43.2%	7,552	7,794	242	3.2%
44.4%	7,466	7,754	289	3.9%
45.7%	7,429	7,694	265	3.6%
46.9%	7,426	7,595	169	2.3%
48.1%	7,339	7,440	100	1.4%
49.4%	7,015	7,211	196	2.8%
50.6%	6,992	7,212	219	3.1%
51.9%	6,991	7,205	214	3.1%
53.1%	6,968	7,171	203	2.9%
54.3%	6,968	7,115	147	2.1%
55.6%	6,967	7,104	137	2.0%
56.8%	6,940	7,027	87	1.1%
58.0%	6,909	6,990	81	1.2%
59.3%	6,797	6,909	112	1.6%
60.5%	6,711	6,846	135	2.0%
61.7%	6,623	6,830	207	3.1%
63.0%	6,578	6,743	165	2.5%
64.2%	6,552	6,685	113	1.7%
65.4%	6,539	6,471	-68	-1.0%
66.7%	6,366	6,344	-21	-0.3%
67.9%	6,267	6,267	0	0.0%
69.1%	6,193	6,197	4	0.1%
70.4%	6,182	6,150	-33	-0.5%
71.6%	6,159	6,075	-85	-1.4%
72.8%	6,112	6,028	-84	-1.4%
74.1%	5,905	5,874	-30	-0.5%
75.3%	5,839	5,709	-130	-2.2%
76.5%	5,537	5,568	31	0.6%
77.8%	5,829	5,687	-142	-2.4%
79.0%	5,765	5,684	-81	-1.4%
80.2%	5,672	5,660	-11	-0.2%
81.5%	5,532	5,653	121	2.2%
82.7%	5,487	5,529	42	0.8%
84.0%	5,395	5,407	12	0.2%
85.2%	5,221	5,425	204	3.9%
86.4%	5,202	5,368	166	3.2%
87.7%	5,095	5,295	199	3.9%
88.9%	5,021	4,846	-174	-3.5%
90.1%	4,967	4,818	-149	-3.0%
91.4%	4,946	4,802	-144	-3.0%
92.6%	4,793	4,562	-231	-4.8%
93.8%	4,745	4,528	-217	-4.6%
95.1%	4,745	4,478	-266	-5.6%
96.3%	4,728	4,419	-309	-6.5%
97.5%	4,488	4,221	-267	-5.9%
98.8%	3,889	4,189	300	7.7%
100.0%	3,889	3,968	79	2.0%

November				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Area (ACRE)	WSIP 2070 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	10,863	11,327	464	4.3%
1.2%	10,609	11,011	402	4.0%
2.5%	10,426	10,685	258	2.5%
3.7%	10,024	10,312	288	2.9%
4.9%	9,966	10,252	286	2.9%
6.2%	9,907	10,205	298	3.0%
7.4%	9,736	10,068	332	3.4%
8.6%	9,477	9,900	423	4.5%
9.9%	9,443	9,752	308	3.3%
11.1%	9,408	9,655	247	2.6%
12.3%	9,339	9,555	216	2.3%
13.6%	9,326	9,483	157	1.7%
14.8%	9,304	9,481	177	1.9%
16.0%	9,241	9,467	225	2.4%
17.3%	9,019	9,454	435	4.8%
18.5%	8,996	9,417	421	4.7%
19.8%	8,951	9,356	405	4.5%
21.0%	8,863	9,215	352	4.0%
22.2%	8,841	9,273	432	4.9%
23.5%	8,834	8,799	-36	-0.4%
24.7%	8,754	8,779	25	0.3%
25.9%	8,693	8,752	60	0.7%
27.2%	8,592	8,705	113	1.3%
28.4%	8,546	8,583	35	0.4%
29.6%	8,500	8,555	54	0.6%
30.9%	8,490	8,553	63	0.7%
32.1%	8,442	8,483	40	0.5%
33.3%	8,342	8,458	116	1.4%
34.6%	8,324	8,456	132	1.6%
35.8%	8,285	8,414	129	1.6%
37.0%	8,283	8,372	89	1.1%
38.3%	8,280	8,370	90	1.1%
39.5%	8,167	8,154	-12	-0.2%
40.7%	8,152	8,136	-16	-0.2%
42.0%	8,106	8,114	8	0.1%
43.2%	8,102	7,996	-106	-1.3%
44.4%	8,016	7,979	-36	-0.5%
45.7%	7,892	7,867	-25	-0.3%
46.9%	7,868	7,840	-28	-0.4%
48.1%	7,816	7,821	5	0.1%
49.4%	7,821	7,815	-6	-0.1%
50.6%	7,787	7,730	-57	-0.7%
51.9%	7,735	7,725	-10	-0.1%
53.1%	7,683	7,657	-26	-0.3%
54.3%	7,597	7,611	14	0.2%
55.6%	7,590	7,516	-74	-1.0%
56.8%	7,561	7,430	-132	-1.7%
58.0%	7,530	7,413	-117	-1.6%
59.3%	7,510	7,381	-129	-1.7%
60.5%	7,479	7,322	-156	-2.1%
61.7%	7,463	7,288	-175	-2.3%
63.0%	7,357	7,221	-136	-1.9%
64.2%	7,270	7,213	-57	-0.8%
65.4%	7,188	7,126	-62	-0.9%
66.7%	7,101	7,113	12	0.2%
67.9%	7,094	7,034	-60	-0.8%
69.1%	7,059	6,987	-72	-1.0%
70.4%	7,033	6,948	-84	-1.2%
71.6%	7,013	6,748	-265	-3.8%
72.8%	6,959	6,746	-213	-3.1%
74.1%	6,909	6,745	-164	-2.4%
75.3%	6,797	6,672	-126	-1.8%
76.5%	6,672	6,618	-53	-0.8%
77.8%	6,656	6,596	-59	-0.9%
79.0%	6,367	6,314	-53	-0.8%
80.2%	6,235	6,298	63	1.0%
81.5%	6,167	6,285	118	1.9%
82.7%	6,107	6,251	144	2.4%
84.0%	6,038	6,247	209	3.5%
85.2%	5,995	6,209	214	3.6%
86.4%	5,908	6,110	202	3.4%
87.7%	5,828	6,105	276	4.7%
88.9%	5,799	5,858	59	1.0%
90.1%	5,765	5,845	79	1.4%
91.4%	5,700	5,599	-101	-1.8%
92.6%	5,539	5,591	52	0.9%
93.8%	5,297	5,463	166	3.1%
95.1%	5,275	5,376	100	1.9%
96.3%	5,000	5,323	323	6.5%
97.5%	4,860	5,139	279	5.7%
98.8%	4,448	3,971	-477	-10.7%
100.0%	3,889	3,968	79	2.0%

December				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Area (ACRE)	WSIP 2070 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	12,157	12,490	333	2.7%
1.2%	11,968	12,054	85	0.7%
2.5%	11,514	11,717	203	1.8%
3.7%	11,476	11,595	119	1.0%
4.9%	11,304	11,332	28	0.2%
6.2%	10,943	11,299	356	3.3%
7.4%	10,877	11,235	358	3.3%
8.6%	10,732	10,900	177	1.6%
9.9%	10,694	10,888	194	1.8%
11.1%	10,569	10,868	299	2.8%
12.3%	10,561	10,736	175	1.7%
13.6%	10,368	10,735	367	3.5%
14.8%	10,256	10,347	91	0.9%
16.0%	10,200	10,328	128	1.3%
17.3%	10,197	10,209	12	0.1%
18.5%	10,191	10,184	-7	-0.1%
19.8%	10,168	10,173	5	0.1%
21.0%	10,147	10,150	3	0.0%
22.2%	10,038	10,035	-3	-0.0%
23.5%	9,935	10,023	89	0.9%
24.7%	9,873	9,967	94	1.0%
25.9%	9,834	9,833	-1	0.0%
27.2%	9,766	9,786	20	0.2%
28.4%	9,756	9,775	19	0.2%
29.6%	9,705	9,684	-21	-0.2%
30.9%	9,668	9,645	-23	-0.2%
32.1%	9,618	9,638	20	0.2%
33.3%	9,481	9,634	153	1.6%
34.6%	9,437	9,546	109	1.2%
35.8%	9,385	9,525	139	1.5%
37.0%	9,327	9,510	183	2.0%
38.3%	9,300	9,458	158	1.7%
39.5%	9,297	9,416	119	1.3%
40.7%	9,219	9,370	150	1.6%
42.0%	9,200	9,200	0	0.0%
43.2%	9,102	9,352	250	2.7%
44.4%	9,088	9,295	207	2.3%
45.7%	9,042	9,231	189	2.1%
46.9%	9,039	9,204	165	1.8%
48.1%	9,012	9,193	181	2.0%
49.4%	9,000	9,141	141	1.6%
50.6%	8,916	9,074	157	1.8%
51.9%	8,896	9,010	114	1.3%
53.1%	8,891	8,974	84	0.9%
54.3%	8,871	8,926	55	0.6%
55.6%	8,825	8,867	42	0.5%
56.8%	8,788	8,844	56	0.6%
58.0%	8,751	8,827	75	0.9%
59.3%	8,679	8,810	132	1.5%
60.5%	8,663	8,707	44	0.5%
61.7%	8,626	8,706	80	0.9%
63.0%	8,548	8,665	117	1.4%
64.2%	8,542	8,655	113	1.3%
65.4%	8,499	8,644	145	1.7%
66.7%	8,498	8,608	109	1.3%
67.9%	8,490	8,604	114	1.3%
69.1%	8,477	8,458	-19	-0.2%
70.4%	8,394	8,448	54	0.6%
71.6%	8,360	8,422	62	0.7%
72.8%	8,308	8,345	37	0.4%
74.1%	8,232	8,278	45	0.5%
75.3%	8,184	8,270	86	1.1%
76.5%	8,000	8,222	222	2.8%
77.8%	7,930	8,211	281	3.5%
79.0%	7,802	7,889	86	1.1%
80.2%	7,762	7,875	113	1.5%
81.5%	7,742	7,720	-22	-0.3%
82.7%	7,728	7,686	-41	-0.5%
84.0%	7,657	7,510	-147	-1.9%
85.2%	7,529	7,474	-55	-0.7%
86.4%	7,449	7,367	-83	-1.1%
87.7%	7,431	7,263	-167	-2.3%
88.9%	7,223	7,100	-123	-1.7%
90.1%	7,210	6,941	-269	-3.7%
91.4%	7,184	6,885	-298	-

Table SW-43-b
San Luis Reservoir (SWP and CVP), End of Month Area
Probability of Exceedance

February				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Area (ACRE)	WSIP 2070 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	12,696	12,696	0	0.0%
1.2%	12,696	12,696	0	0.0%
2.5%	12,696	12,696	0	0.0%
3.7%	12,696	12,696	0	0.0%
4.9%	12,696	12,696	0	0.0%
6.2%	12,696	12,696	0	0.0%
7.4%	12,682	12,696	14	0.1%
8.6%	12,555	12,696	140	1.1%
9.9%	12,449	12,624	175	1.4%
11.1%	12,385	12,565	180	1.5%
12.3%	12,359	12,465	105	0.9%
13.6%	12,259	12,394	135	1.1%
14.8%	12,225	12,242	16	0.1%
16.0%	12,129	12,122	-7	-0.1%
17.3%	12,094	12,080	-14	-0.1%
18.5%	12,004	11,978	-26	-0.2%
19.8%	11,980	11,924	-56	-0.5%
21.0%	11,966	11,900	-66	-0.6%
22.2%	11,941	11,865	-76	-0.6%
23.5%	11,905	11,858	-47	-0.4%
24.7%	11,832	11,823	-9	-0.1%
25.9%	11,807	11,791	-16	-0.1%
27.2%	11,803	11,781	-22	-0.2%
28.4%	11,779	11,779	0	0.0%
29.6%	11,723	11,768	45	0.4%
30.9%	11,665	11,764	99	0.8%
32.1%	11,655	11,625	-29	-0.3%
33.3%	11,522	11,588	67	0.6%
34.6%	11,464	11,520	56	0.5%
35.8%	11,409	11,482	72	0.6%
37.0%	11,399	11,468	69	0.6%
38.3%	11,383	11,380	-3	0.0%
39.5%	11,329	11,369	40	0.4%
40.7%	11,319	11,336	17	0.2%
42.0%	11,266	11,296	30	0.3%
43.2%	11,264	11,261	-3	0.0%
44.4%	11,218	11,255	37	0.3%
45.7%	11,209	11,236	27	0.2%
46.9%	11,209	11,160	-48	-0.4%
48.1%	11,186	11,112	-74	-0.7%
49.4%	11,172	11,038	-134	-1.2%
50.6%	10,857	10,964	106	1.0%
51.9%	10,847	10,963	116	1.1%
53.1%	10,846	10,898	52	0.5%
54.3%	10,831	10,876	45	0.4%
55.6%	10,819	10,849	30	0.3%
56.8%	10,808	10,782	-26	-0.2%
58.0%	10,798	10,774	-24	-0.2%
59.3%	10,728	10,747	20	0.2%
60.5%	10,702	10,723	21	0.2%
61.7%	10,667	10,651	-16	-0.1%
63.0%	10,580	10,634	54	0.5%
64.2%	10,556	10,632	75	0.7%
65.4%	10,490	10,632	142	1.4%
66.7%	10,477	10,611	134	1.3%
67.9%	10,324	10,568	244	2.4%
69.1%	10,252	10,563	311	3.0%
70.4%	10,249	10,473	224	2.2%
71.6%	10,201	10,459	257	2.5%
72.8%	10,095	10,324	229	2.3%
74.1%	10,089	10,223	135	1.3%
75.3%	10,055	10,082	27	0.3%
76.5%	10,054	10,082	27	0.3%
77.8%	10,049	10,037	-12	-0.1%
79.0%	10,022	10,014	-8	-0.1%
80.2%	9,908	9,927	20	0.2%
81.5%	9,823	9,907	84	0.9%
82.7%	9,805	9,891	86	0.9%
84.0%	9,734	9,747	13	0.1%
85.2%	9,645	9,702	57	0.6%
86.4%	9,614	9,655	40	0.4%
87.7%	9,609	9,481	-128	-1.3%
88.9%	9,589	9,448	-141	-1.5%
90.1%	9,543	9,353	-190	-1.8%
91.4%	9,505	9,380	-125	-1.3%
92.6%	9,439	9,337	-102	-1.1%
93.8%	9,209	9,192	-18	-0.2%
95.1%	9,066	9,150	84	0.9%
96.3%	8,947	9,094	147	1.6%
97.5%	8,834	9,035	401	4.6%
98.8%	8,527	8,585	58	0.7%
100.0%	8,474	8,735	-1,740	-20.5%

March				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Area (ACRE)	WSIP 2070 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	12,696	12,696	0	0.0%
1.2%	12,696	12,696	0	0.0%
2.5%	12,696	12,696	0	0.0%
3.7%	12,696	12,696	0	0.0%
4.9%	12,696	12,696	0	0.0%
6.2%	12,696	12,696	0	0.0%
7.4%	12,696	12,696	0	0.0%
8.6%	12,696	12,696	0	0.0%
9.9%	12,696	12,696	0	0.0%
11.1%	12,696	12,696	0	0.0%
12.3%	12,696	12,696	0	0.0%
13.6%	12,696	12,696	0	0.0%
14.8%	12,696	12,696	0	0.0%
16.0%	12,696	12,696	0	0.0%
17.3%	12,696	12,694	-2	0.0%
18.5%	12,685	12,688	3	0.0%
19.8%	12,656	12,610	-46	-0.4%
21.0%	12,655	12,608	-47	-0.4%
22.2%	12,539	12,594	-55	-0.5%
23.5%	12,634	12,601	-32	-0.3%
24.7%	12,594	12,576	-18	-0.1%
25.9%	12,593	12,533	-60	-0.5%
27.2%	12,583	12,535	-48	-0.4%
28.4%	12,577	12,364	-213	-1.7%
29.6%	12,454	12,357	-97	-0.8%
30.9%	12,454	12,336	-118	-0.9%
32.1%	12,356	12,318	-38	-0.3%
33.3%	12,304	12,260	-44	-0.4%
34.6%	12,301	12,226	-75	-0.6%
35.8%	12,250	12,173	-77	-0.6%
37.0%	12,197	12,160	-37	-0.3%
38.3%	12,187	12,149	-38	-0.3%
39.5%	12,182	12,131	-51	-0.4%
40.7%	12,162	12,105	-57	-0.5%
42.0%	12,138	12,044	-94	-0.8%
43.2%	12,097	11,974	-123	-1.0%
44.4%	12,041	11,970	-72	-0.6%
45.7%	12,038	11,956	-81	-0.7%
46.9%	11,981	11,939	-42	-0.4%
48.1%	11,927	11,822	-106	-0.9%
49.4%	11,861	11,767	-94	-0.8%
50.6%	11,809	11,764	-45	-0.4%
51.9%	11,701	11,751	50	0.4%
53.1%	11,499	11,623	124	1.1%
54.3%	11,419	11,457	38	0.3%
55.6%	11,404	11,444	39	0.3%
56.8%	11,389	11,372	-17	-0.2%
58.0%	11,389	11,350	-38	-0.3%
59.3%	11,194	11,282	88	0.8%
60.5%	11,128	11,236	109	1.0%
61.7%	11,099	11,081	-18	-0.2%
63.0%	11,040	11,049	10	0.1%
64.2%	10,997	11,034	37	0.3%
65.4%	10,969	10,981	12	0.1%
66.7%	10,833	10,968	135	1.2%
67.9%	10,730	10,877	147	1.4%
69.1%	10,722	10,758	36	0.3%
70.4%	10,548	10,726	178	1.7%
71.6%	10,533	10,684	151	1.4%
72.8%	10,513	10,659	147	1.4%
74.1%	10,443	10,642	199	1.9%
75.3%	10,403	10,621	218	2.1%
76.5%	10,280	10,577	297	2.9%
77.8%	10,193	10,562	369	3.6%
79.0%	10,181	10,550	369	3.6%
80.2%	10,178	10,250	72	0.7%
81.5%	10,144	10,200	56	0.6%
82.7%	10,137	10,125	-12	-0.1%
84.0%	9,747	10,088	-341	-3.5%
85.2%	10,079	10,039	-40	-0.4%
86.4%	9,980	10,028	48	0.5%
87.7%	9,954	9,994	40	0.4%
88.9%	9,941	9,860	-81	-0.8%
90.1%	9,867	9,837	-30	-0.3%
91.4%	9,807	9,765	-42	-0.4%
92.6%	9,794	9,694	-100	-1.0%
93.8%	9,770	9,649	-121	-1.2%
95.1%	9,716	9,438	-277	-2.9%
96.3%	9,412	9,249	-163	-1.7%
97.5%	9,392	9,393	1	0.0%
98.8%	8,874	9,007	129	1.5%
100.0%	8,676	8,680	4	0.0%

April				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Area (ACRE)	WSIP 2070 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	12,696	12,696	0	0.0%
1.2%	12,696	12,696	0	0.0%
2.5%	12,696	12,696	0	0.0%
3.7%	12,696	12,696	0	0.0%
4.9%	12,696	12,656	-39	-0.3%
6.2%	12,675	12,608	-67	-0.5%
7.4%	12,632	12,595	-37	-0.3%
8.6%	12,589	12,543	-46	-0.4%
9.9%	12,457	12,459	2	0.0%
11.1%	12,451	12,432	-19	-0.2%
12.3%	12,418	12,422	3	0.0%
13.6%	12,410	12,337	-73	-0.6%
14.8%	12,357	12,322	-35	-0.3%
16.0%	12,315	12,304	-11	-0.1%
17.3%	12,312	12,292	-19	-0.2%
18.5%	12,299	12,291	-8	-0.1%
19.8%	12,294	12,286	-8	-0.1%
21.0%	12,291	12,286	-5	0.0%
22.2%	12,285	12,285	0	0.0%
23.5%	12,286	12,272	-14	-0.1%
24.7%	12,286	12,217	-68	-0.6%
25.9%	12,240	12,129	-110	-0.9%
27.2%	12,221	12,049	-172	-1.4%
28.4%	12,185	12,045	-140	-1.1%
29.6%	12,182	12,016	-166	-1.4%
30.9%	12,029	11,982	-47	-0.4%
32.1%	12,019	11,947	-72	-0.6%
33.3%	12,009	11,866	-142	-1.2%
34.6%	12,006	11,859	-147	-1.2%
35.8%	11,908	11,800	-108	-0.9%
37.0%	11,850	11,786	-65	-0.5%
38.3%	11,843	11,778	-65	-0.6%
39.5%	11,815	11,777	-38	-0.3%
40.7%	11,780	11,714	-66	-0.6%
42.0%	11,763	11,693	-70	-0.6%
43.2%	11,723	11,634	-89	-0.8%
44.4%	11,694	11,606	-89	-0.8%
45.7%	11,693	11,603	-89	-0.8%
46.9%	11,634	11,570	-63	-0.5%
48.1%	11,630	11,494	-136	-1.2%
49.4%	11,590	11,442	-148	-1.3%
50.6%	11,564	11,400	-164	-1.4%
51.9%	11,430	11,751	321	2.8%
53.1%	11,255	11,348	92	0.8%
54.3%	11,155	11,344	189	1.7%
55.6%	11,138	11,187	49	0.4%
56.8%	11,132	11,153	21	0.2%
58.0%	11,074	11,122	48	0.4%
59.3%	10,996	11,037	41	0.4%
60.5%	10,968	10,975	7	0.1%
61.7%	10,880	10,970	90	0.8%
63.0%	10,756	10,777	21	0.2%
64.2%	10,611	10,731	120	1.1%
65.4%	10,587	10,613	26	0.2%
66.7%	10,577	10,514	-63	-0.6%
67.9%	10,545	10,477	-68	-0.6%
69.1%	10,449	10,358	-91	-0.9%
70.4%	10,439	10,354	-85	-0.8%
71.6%	10,417	10,349	-68	-0.7%
72.8%	10,355	10,329	-26	-0.2%
74.1%	10,224	10,328	104	1.0%
75.3%	10,223	10,321	99	1.0%
76.5%	10,166	10,318	152	1.5%
77.8%	10,089	10,302	212	2.1%
79.0%	10,039	10,275	236	2.4%
80.2%	9,951	10,273	322	3.2%
81.5%	9,931	10,231	300	3.0%
82.7%	9,891	9,912	21	0.2%
84.0%	9,848	9,807	-42	-0.4%
85.2%	9,847	9,798</		

Table SW-43-b
San Luis Reservoir (SWP and CVP), End of Month Area
Probability of Exceedance

June					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Area (ACRE)	WSIP 2070 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)	
0.0%	12,345	12,474	129	1.0%	
1.2%	12,335	12,344	9	0.1%	
2.5%	12,335	12,288	-46	-0.4%	
3.7%	12,136	12,137	2	0.0%	
4.9%	11,982	11,961	-21	-0.2%	
6.2%	11,928	11,853	-75	-0.6%	
7.4%	11,574	11,563	-11	-0.1%	
8.6%	11,357	11,376	19	0.2%	
9.9%	11,329	11,131	-198	-1.7%	
11.1%	11,285	10,871	-414	-3.7%	
12.3%	10,939	10,860	-79	-0.7%	
13.8%	10,923	10,748	-175	-1.6%	
14.8%	10,804	10,727	-77	-0.7%	
16.0%	10,770	10,705	-65	-0.6%	
17.3%	10,742	10,662	-80	-0.7%	
18.5%	10,686	10,647	-39	-0.4%	
19.8%	10,684	10,597	-87	-0.8%	
21.0%	10,572	10,533	-39	-0.4%	
22.2%	10,532	10,286	-246	-2.3%	
23.5%	10,418	10,249	-169	-1.6%	
24.7%	10,413	10,222	-191	-1.8%	
25.9%	10,313	10,209	-103	-1.0%	
27.2%	10,291	10,075	-216	-2.1%	
28.4%	10,094	10,045	-49	-0.5%	
29.6%	10,038	9,902	-136	-1.4%	
30.9%	10,016	9,986	-30	-0.3%	
32.1%	9,986	9,825	-160	-1.6%	
33.3%	9,978	9,823	-155	-1.6%	
34.6%	9,955	9,798	-157	-1.6%	
35.8%	9,932	9,760	-172	-1.7%	
37.0%	9,894	9,723	-171	-1.7%	
38.3%	9,869	9,713	-156	-1.6%	
39.5%	9,851	9,701	-150	-1.5%	
40.7%	9,717	9,567	-151	-1.5%	
42.0%	9,595	9,566	-27	-0.3%	
43.2%	9,590	9,450	-141	-1.5%	
44.4%	9,564	9,377	-187	-2.0%	
45.7%	9,534	9,360	-174	-1.8%	
46.9%	9,503	9,343	-160	-1.7%	
48.1%	9,499	9,326	-173	-1.8%	
49.4%	9,468	9,286	-182	-1.9%	
50.6%	9,353	9,221	-132	-1.4%	
51.9%	9,327	9,014	-314	-3.4%	
53.1%	9,170	8,948	-222	-2.4%	
54.3%	9,066	8,867	-199	-2.2%	
55.6%	9,030	8,848	-183	-2.0%	
56.8%	8,993	8,801	-92	-1.0%	
58.0%	8,844	8,761	-82	-0.9%	
59.3%	8,800	8,755	-45	-0.5%	
60.5%	8,789	8,677	-113	-1.3%	
61.7%	8,773	8,664	-109	-1.2%	
63.0%	8,753	8,522	-230	-2.6%	
64.2%	8,748	8,417	-331	-3.8%	
65.4%	8,722	8,393	-330	-3.8%	
66.7%	8,660	8,288	-372	-4.3%	
67.9%	8,609	8,284	-325	-3.8%	
69.1%	8,487	8,250	-237	-2.8%	
70.4%	8,364	8,198	-166	-2.0%	
71.6%	8,332	8,194	-138	-1.7%	
72.8%	8,312	8,193	-119	-1.4%	
74.1%	8,292	8,176	-116	-1.4%	
75.3%	8,201	8,155	-46	-0.6%	
76.5%	8,195	8,049	-146	-1.8%	
77.8%	8,161	8,042	-119	-1.5%	
79.0%	8,151	8,035	-116	-1.4%	
80.2%	8,102	8,018	-84	-1.0%	
81.5%	7,868	7,960	92	1.2%	
82.7%	7,646	7,799	153	2.0%	
84.0%	7,798	7,791	-7	-0.1%	
85.2%	7,764	7,684	-80	-1.0%	
86.4%	7,755	7,376	-379	-4.9%	
87.7%	7,514	7,373	-141	-1.9%	
88.9%	7,295	7,304	8	0.1%	
90.1%	7,168	6,868	-300	-4.2%	
91.4%	6,962	6,756	-206	-3.0%	
92.6%	6,880	6,614	-267	-3.9%	
93.8%	6,758	6,605	-152	-2.3%	
95.1%	6,440	6,118	-322	-5.0%	
96.3%	6,436	5,715	-721	-11.2%	
97.5%	5,959	5,132	-827	-13.9%	
98.8%	5,068	4,687	-381	-7.5%	
100.0%	4,086	3,939	-147	-3.6%	

July					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Area (ACRE)	WSIP 2070 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)	
0.0%	12,157	12,154	-4	0.0%	
1.2%	12,125	12,152	27	0.2%	
2.5%	12,099	12,061	-38	-0.3%	
3.7%	11,621	11,553	-68	-0.6%	
4.9%	11,474	11,468	-5	0.0%	
6.2%	11,084	11,058	-26	-0.2%	
7.4%	10,910	10,875	-35	-0.3%	
8.6%	10,846	10,669	-177	-1.7%	
9.9%	10,780	10,597	-183	-1.7%	
11.1%	10,685	10,447	-238	-2.2%	
12.3%	10,596	10,379	-217	-2.0%	
13.8%	10,431	10,368	-63	-0.6%	
14.8%	10,345	10,189	-156	-1.5%	
16.0%	10,227	10,062	-165	-1.6%	
17.3%	10,176	9,995	-181	-1.8%	
18.5%	9,815	9,585	-230	-2.3%	
19.8%	9,654	9,548	-106	-1.1%	
21.0%	9,536	9,517	-19	-0.2%	
22.2%	9,501	9,481	-20	-0.2%	
23.5%	9,442	9,335	-107	-1.1%	
24.7%	9,410	9,291	-120	-1.3%	
25.9%	9,361	9,136	-225	-2.4%	
27.2%	9,354	9,103	-251	-2.7%	
28.4%	9,214	9,089	-125	-1.4%	
29.6%	9,187	9,050	-137	-1.5%	
30.9%	9,091	9,014	-77	-0.8%	
32.1%	9,084	8,951	-133	-1.5%	
33.3%	9,044	8,933	-111	-1.2%	
34.6%	9,022	8,832	-190	-2.1%	
35.8%	8,983	8,788	-195	-2.2%	
37.0%	8,955	8,755	-200	-2.2%	
38.3%	8,944	8,743	-200	-2.2%	
39.5%	8,851	8,741	-110	-1.2%	
40.7%	8,787	8,733	-54	-0.6%	
42.0%	8,602	8,566	-36	-0.4%	
43.2%	8,590	8,450	-140	-1.6%	
44.4%	8,500	8,411	-89	-1.0%	
45.7%	8,478	8,403	-75	-0.9%	
46.9%	8,460	8,401	-59	-0.7%	
48.1%	8,389	8,362	-27	-0.3%	
49.4%	8,275	8,214	-61	-0.7%	
50.6%	8,262	8,258	-4	0.0%	
51.9%	8,215	8,207	-8	-0.1%	
53.1%	8,201	8,180	-21	-0.3%	
54.3%	8,167	8,094	-73	-0.9%	
55.6%	8,128	7,932	-196	-2.4%	
56.8%	8,075	7,925	-149	-1.9%	
58.0%	7,993	7,907	-85	-1.1%	
59.3%	7,927	7,892	-34	-0.4%	
60.5%	7,893	7,862	-32	-0.4%	
61.7%	7,876	7,717	-159	-2.0%	
63.0%	7,859	7,715	-124	-1.6%	
64.2%	7,825	7,575	-250	-3.2%	
65.4%	7,662	7,537	-125	-1.6%	
66.7%	7,557	7,527	-31	-0.4%	
67.9%	7,500	7,469	-31	-0.4%	
69.1%	7,490	7,385	-105	-1.4%	
70.4%	7,489	7,288	-201	-2.7%	
71.6%	7,464	7,247	-217	-2.9%	
72.8%	7,427	7,233	-194	-2.6%	
74.1%	7,407	7,208	-199	-2.7%	
75.3%	7,238	7,194	-44	-0.6%	
76.5%	7,102	7,170	68	1.0%	
77.8%	6,980	7,036	55	0.8%	
79.0%	6,958	6,873	-85	-1.2%	
80.2%	6,888	6,687	-201	-2.9%	
81.5%	6,884	6,659	-225	-3.3%	
82.7%	6,736	6,510	-227	-3.4%	
84.0%	6,732	6,459	-273	-4.1%	
85.2%	6,730	6,393	-338	-5.0%	
86.4%	6,656	6,252	-404	-6.1%	
87.7%	6,339	6,059	-280	-4.4%	
88.9%	6,274	6,003	-271	-4.3%	
90.1%	6,178	5,690	-487	-7.9%	
91.4%	6,108	5,746	-361	-5.9%	
92.6%	6,336	5,690	-646	-10.2%	
93.8%	5,323	5,587	264	5.0%	
95.1%	5,258	5,585	327	6.2%	
96.3%	5,196	5,280	84	1.6%	
97.5%	5,051	5,187	137	2.7%	
98.8%	4,768	4,002	-766	-16.1%	
100.0%	4,123	3,923	-201	-4.9%	

August					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Area (ACRE)	WSIP 2070 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)	
0.0%	11,482	11,397	-85	-0.7%	
1.2%	11,366	11,327	-39	-0.3%	
2.5%	11,233	11,263	30	0.3%	
3.7%	10,939	10,836	-103	-0.9%	
4.9%	10,641	10,778	137	1.3%	
6.2%	10,607	10,644	37	0.4%	
7.4%	10,589	10,538	-51	-0.5%	
8.6%	10,537	10,463	-74	-0.7%	
9.9%	10,534	10,430	-104	-1.0%	
11.1%	10,404	10,414	10	0.1%	
12.3%	10,385	10,380	-5	0.0%	
13.8%	9,884	9,927	42	0.4%	
14.8%	9,482	9,439	-43	-0.5%	
16.0%	9,462	9,291	-172	-1.8%	
17.3%	9,045	9,212	167	1.8%	
18.5%	8,997	9,207	210	2.3%	
19.8%	8,983	9,191	207	2.3%	
21.0%	8,968	9,101	133	1.5%	
22.2%	8,919	9,092	173	1.9%	
23.5%	8,863	9,068	205	2.3%	
24.7%	8,795	9,016	222	2.5%	
25.9%	8,747	8,851	103	1.2%	
27.2%	8,727	8,701	-25	-0.3%	
28.4%	8,726	8,658	-68	-0.8%	
29.6%	8,724	8,643	-81	-0.9%	
30.9%	8,709	8,637	-73	-0.8%	
32.1%	8,652	8,589	-62	-0.7%	
33.3%	8,616	8,556	-60	-0.7%	
34.6%	8,598	8,524	-74	-0.9%	
35.8%	8,566	8,444	-122	-1.4%	
37.0%	8,456	8,393	-63	-0.7%	
38.3%	8,256	8,372	116	1.4%	
39.5%	8,011	8,371	360	4.5%	
40.7%	7,927	8,329	402	5.1%	
42.0%	7,893	8,305	412	5.2%	
43.2%	7,883	7,821	-62	-0.8%	
44.4%	7,846	7,691	-155	-2.0%	
45.7%	7,699	7,595	-104	-1.4%	
46.9%	7,673	7,469	-204	-2.7%	
48.1%	7,664	7,389	-276	-3.6%	
49.4%	7,390	7,375	-15	-0.2%	
50.6%	7,358	7,339	-19	-0.3%	
51.9%	7,306	7,231	-75	-1.0%	
53.1%	7,266	7,028	-239	-3.3%	
54.3%	7,268	6,995	-263	-3.6%	
55.6%	7,154	6,974	-180	-2.5%	
56.8%	6,954	6,759	-195	-2.8%	
58.0%	6,868	6,717	-151	-2.2%	
59.3%	6,836	6,675	-160	-2.3%	
60.5%	6,744	6,615	-129	-1.9%	
61.7%	6,725	6,600	-125	-1.9%	
63.0%	6,480	6,480	-0	0.0%	
64.2%	6,471	6,289	-182	-2.8%	
65.4%	6,320	6,177	-143	-2.3%	
66.7%	6,276	6,120	-156	-2.5%	
67.9%	6,083	6,059	-		

Figure SW-44-b
San Luis Reservoir (CVP), End of Month Storage
Probability of Exceedance

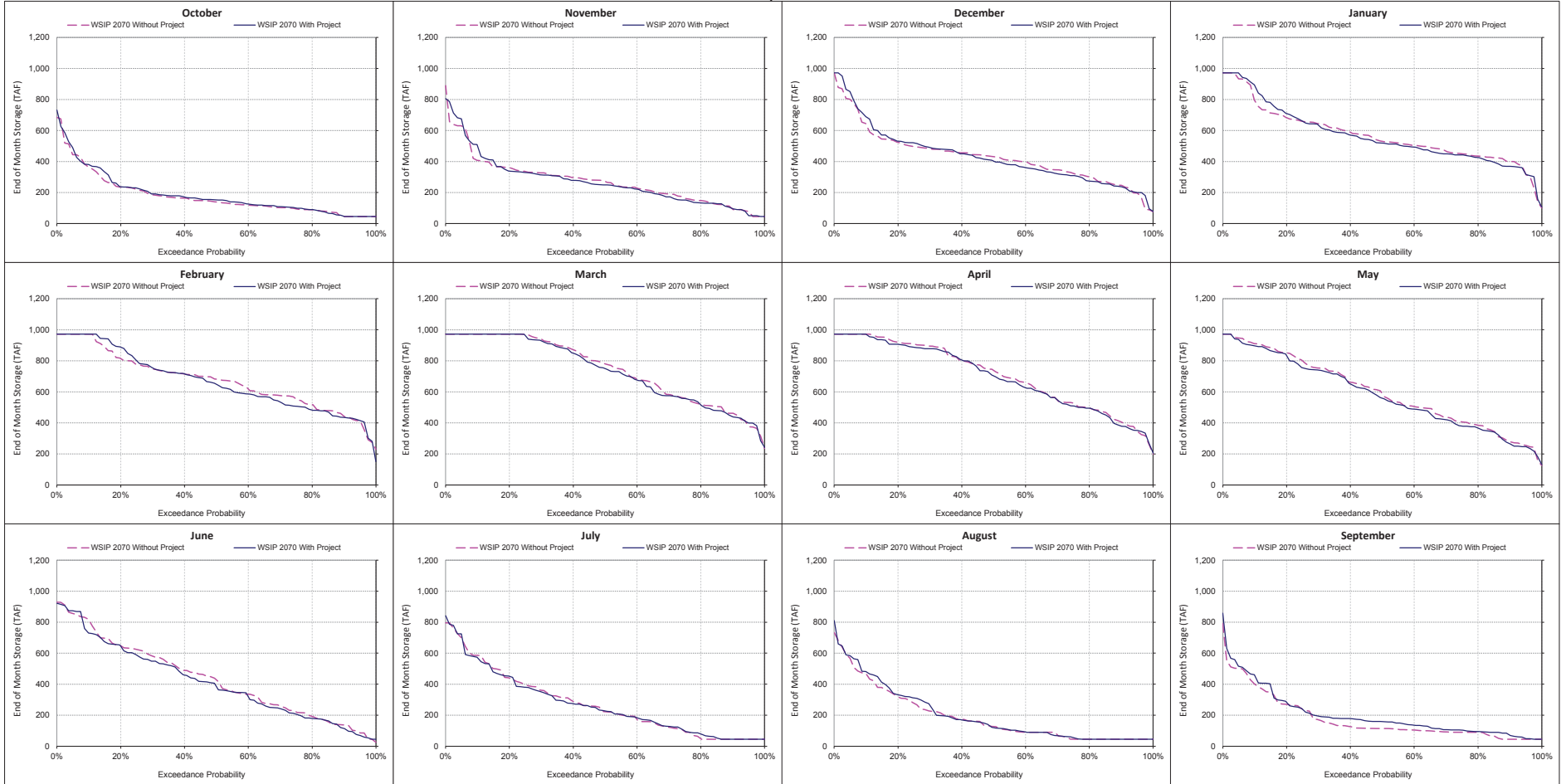


Table SW-44-b
San Luis Reservoir (CVP), End of Month Storage
Probability of Exceedance

October					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	684	732	47	6.9%	
1.2%	675	625	-49	-7.3%	
2.5%	619	585	67	12.8%	
3.7%	513	528	15	2.9%	
4.9%	444	471	47	10.7%	
6.2%	444	427	-17	-3.8%	
7.4%	428	402	-26	-6.1%	
8.6%	384	383	-1	-0.2%	
9.9%	364	381	17	4.6%	
11.1%	351	370	18	5.2%	
12.3%	333	368	35	10.5%	
13.6%	304	358	53	17.8%	
14.8%	277	335	58	21.1%	
16.0%	264	314	50	19.0%	
17.3%	263	264	1	0.4%	
18.5%	240	261	21	8.8%	
19.8%	235	238	3	1.2%	
21.0%	235	235	0	0.0%	
22.2%	233	235	2	1.0%	
23.5%	230	231	1	0.5%	
24.7%	222	230	8	3.5%	
25.9%	214	223	9	4.3%	
27.2%	210	215	5	2.2%	
28.4%	195	208	14	7.2%	
29.6%	186	191	5	2.5%	
30.9%	183	191	8	4.1%	
32.1%	179	186	7	3.9%	
33.3%	178	183	5	3.0%	
34.6%	171	181	10	5.9%	
35.8%	169	179	10	6.0%	
37.0%	166	179	13	7.8%	
38.3%	165	179	13	8.1%	
39.5%	164	173	9	5.5%	
40.7%	163	168	4	2.5%	
42.0%	152	166	14	8.8%	
43.2%	149	165	16	10.7%	
44.4%	149	160	12	8.0%	
45.7%	148	156	8	5.2%	
46.9%	147	155	8	5.7%	
48.1%	144	155	11	7.5%	
49.4%	140	153	13	9.1%	
50.6%	138	152	14	10.0%	
51.9%	134	152	18	13.5%	
53.1%	132	148	16	12.0%	
54.3%	128	140	11	8.7%	
55.6%	123	139	16	13.1%	
56.8%	123	138	15	12.6%	
58.0%	121	134	13	10.6%	
59.3%	121	128	7	5.9%	
60.5%	118	124	6	5.1%	
61.7%	116	120	4	3.2%	
63.0%	115	119	4	3.8%	
64.2%	114	119	5	4.1%	
65.4%	114	116	3	2.3%	
66.7%	109	116	7	6.5%	
67.9%	106	115	9	8.8%	
69.1%	103	110	6	6.1%	
70.4%	102	109	6	6.3%	
71.6%	102	107	5	4.8%	
72.8%	100	105	4	4.2%	
74.1%	98	104	5	5.5%	
75.3%	93	99	6	6.5%	
76.5%	90	99	9	9.5%	
77.8%	90	93	3	2.9%	
79.0%	90	90	0	0.0%	
80.2%	89	90	1	1.4%	
81.5%	85	84	-1	-1.5%	
82.7%	81	80	-1	-0.7%	
84.0%	79	75	-5	-6.1%	
85.2%	78	65	-12	-15.8%	
86.4%	72	64	-8	-11.1%	
87.7%	71	55	-15	-21.9%	
88.9%	45	54	9	19.1%	
90.1%	45	45	0	0.0%	
91.4%	45	45	0	0.0%	
92.6%	45	45	0	0.0%	
93.8%	45	45	0	0.0%	
95.1%	45	45	0	0.0%	
96.3%	45	45	0	0.0%	
97.5%	45	45	0	0.0%	
98.8%	45	45	0	0.0%	
100.0%	45	45	0	0.0%	

November					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	889	805	-84	-9.5%	
1.2%	857	787	-130	-19.8%	
2.5%	639	713	74	11.6%	
3.7%	631	683	52	8.2%	
4.9%	631	676	45	7.2%	
6.2%	614	568	-46	-7.5%	
7.4%	534	534	0	0.0%	
8.6%	420	511	91	21.8%	
9.9%	408	509	102	25.0%	
11.1%	405	433	28	6.9%	
12.3%	401	420	20	4.9%	
13.6%	397	411	15	3.7%	
14.8%	367	410	43	11.8%	
16.0%	367	367	0	0.0%	
17.3%	367	367	0	0.0%	
18.5%	363	350	-13	-3.5%	
19.8%	363	338	-24	-6.7%	
21.0%	354	337	-18	-5.0%	
22.2%	345	335	-10	-2.8%	
23.5%	338	333	-5	-1.5%	
24.7%	337	330	-7	-2.0%	
25.9%	331	316	-14	-4.1%	
27.2%	331	324	-6	-1.9%	
28.4%	329	319	-11	-3.3%	
29.6%	327	315	-12	-3.7%	
30.9%	327	313	-14	-4.2%	
32.1%	319	313	-6	-2.0%	
33.3%	310	309	-1	-0.3%	
34.6%	309	307	-2	-0.8%	
35.8%	308	304	-4	-1.2%	
37.0%	306	288	-18	-5.8%	
38.3%	304	288	-17	-5.5%	
39.5%	297	279	-18	-6.1%	
40.7%	296	278	-18	-6.0%	
42.0%	284	276	-8	-2.8%	
43.2%	284	271	-13	-4.6%	
44.4%	285	265	-20	-6.9%	
45.7%	281	256	-25	-8.8%	
46.9%	280	252	-28	-10.0%	
48.1%	279	250	-29	-10.4%	
49.4%	278	248	-29	-10.5%	
50.6%	266	248	-17	-6.5%	
51.9%	263	248	-15	-5.6%	
53.1%	243	243	0	0.0%	
54.3%	241	238	-3	-1.3%	
55.6%	236	234	-2	-0.8%	
56.8%	235	231	-4	-1.7%	
58.0%	235	230	-5	-2.1%	
59.3%	234	223	-11	-4.9%	
60.5%	224	220	-4	-2.0%	
61.7%	223	209	-14	-6.2%	
63.0%	217	205	-12	-5.7%	
64.2%	213	201	-12	-5.4%	
65.4%	204	194	-11	-5.3%	
66.7%	196	190	-7	-3.3%	
67.9%	194	183	-11	-5.9%	
69.1%	192	172	-20	-10.4%	
70.4%	190	172	-18	-9.4%	
71.6%	188	160	-28	-15.1%	
72.8%	177	153	-24	-13.4%	
74.1%	175	152	-23	-13.2%	
75.3%	161	151	-10	-6.0%	
76.5%	157	144	-13	-8.4%	
77.8%	151	136	-14	-9.6%	
79.0%	149	134	-15	-10.1%	
80.2%	148	133	-15	-9.9%	
81.5%	144	132	-12	-8.7%	
82.7%	136	131	-5	-3.8%	
84.0%	128	130	2	1.5%	
85.2%	124	127	3	2.6%	
86.4%	122	127	5	3.8%	
87.7%	114	112	-2	-1.8%	
88.9%	113	106	-7	-5.9%	
90.1%	90	95	5	5.2%	
91.4%	90	90	0	0.0%	
92.6%	90	90	0	0.0%	
93.8%	82	80	-2	-1.9%	
95.1%	78	51	-27	-34.5%	
96.3%	45	50	5	11.5%	
97.5%	45	50	5	11.2%	
98.8%	45	45	0	0.0%	
100.0%	45	45	0	0.0%	

December					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	972	972	0	0.0%	
1.2%	972	972	0	0.0%	
2.5%	870	951	81	9.4%	
3.7%	807	866	59	7.3%	
4.9%	802	851	50	6.2%	
6.2%	773	792	19	2.4%	
7.4%	708	740	2	0.3%	
8.6%	654	717	63	9.7%	
9.9%	649	609	45	7.0%	
11.1%	591	674	83	14.1%	
12.3%	572	605	32	5.6%	
13.6%	565	599	34	6.1%	
14.8%	545	572	27	4.9%	
16.0%	544	571	27	5.0%	
17.3%	541	553	11	2.1%	
18.5%	537	544	7	1.3%	
19.8%	525	538	7	1.4%	
21.0%	519	529	10	1.9%	
22.2%	508	524	16	3.2%	
23.5%	502	522	21	4.1%	
24.7%	498	521	23	4.7%	
25.9%	494	516	22	4.6%	
27.2%	490	505	15	3.0%	
28.4%	487	497	11	2.2%	
29.6%	485	493	8	1.7%	
30.9%	479	485	6	1.3%	
32.1%	479	482	3	0.6%	
33.3%	479	481	2	0.5%	
34.6%	468	478	10	2.2%	
35.8%	467	476	9	1.9%	
37.0%	464	475	11	2.4%	
38.3%	460	461	1	0.2%	
39.5%	457	450	-6	-1.4%	
40.7%	456	450	-6	-1.4%	
42.0%	445	445	-1	-0.2%	
43.2%	444	442	-2	-0.4%	
44.4%	444	426	-18	-4.0%	
45.7%	443	421	-22	-5.0%	
46.9%	439	416	-23	-5.2%	
48.1%	436	411	-25	-5.6%	
49.4%	433	408	-25	-5.7%	
50.6%	429	397	-32	-7.5%	
51.9%	425	396	-29	-6.8%	
53.1%	413	387	-26	-6.3%	
54.3%	410	380	-30	-7.2%	
55.6%	408	380	-29	-7.0%	
56.8%	406	379	-29	-6.8%	
58.0%	402	367	-35	-8.6%	
59.3%	399	364	-35	-8.8%	
60.5%	396	359	-37	-9.4%	
61.7%	381	355	-26	-6.9%	
63.0%	378	352	-26	-6.9%	
64.2%	375	345	-31	-8.1%	
65.4%	362	341	-21	-5.9%	
66.7%	349	332	-17	-4.9%	
67.9%	349	332	-17	-5.0%	
69.1%	347	324	-23	-6.8%	
70.4%	346	320	-27	-7.7%	
71.6%	343	316	-27	-7.9%	
72.8%	334	314	-20	-6.0%	
74.1%	330	309	-21	-6.4%	
75.3%	321	308	-12	-3.8%	
76.5%	314	303	-11	-3.5%	
77.8%	313	295	-18	-5.8%	
79.0%	306	277	-28	-9.3%	
80.2%	300	274	-26	-8.7%	
81.5%	292	271	-21	-7.3%	
82.7%	271	270	-1	-0.3%	
84.0%	271	258	-13	-4.8%	
85.2%	270	256	-14	-5.1%	
86.4%	260	255	-5	-2.0%	
87.7%	253	242	-11	-4.2%	
88.9%	248	240	-8	-3.2%	
90.1%	246	237	-9	-3.5%	
91.4%	234	229	-5	-2.0%	
92.6%	229	209	-20	-8.6%	
93.8%	198	204	7	3.5%	
95.1%	197	200	3	1.5%	
96.3%	169	199	30	17.8%	
97.5%	93	180	87	94.6%	
98.8%	89	95	7	7.4%	
100.0%	76	78	3	3.5%	

January					
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	972	0	0	0.0%	
1.2%	972	972	0	0.0%	
2.5%	972	972	0	0.0%	
3.7%	968				

Table SW-44-b
San Luis Reservoir (CVP), End of Month Storage
Probability of Exceedance

February				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	972	972	0	0.0%
1.2%	972	972	0	0.0%
2.5%	972	972	0	0.0%
3.7%	972	972	0	0.0%
4.9%	972	972	0	0.0%
6.2%	972	972	0	0.0%
7.4%	972	972	0	0.0%
8.6%	972	972	0	0.0%
9.9%	972	972	0	0.0%
11.1%	972	972	0	0.0%
12.3%	924	972	48	5.2%
13.6%	912	945	33	3.7%
14.8%	893	943	50	5.7%
16.0%	866	942	76	8.8%
17.3%	863	907	44	5.0%
18.5%	821	894	73	8.9%
19.8%	817	891	73	9.0%
21.0%	802	879	78	9.7%
22.2%	801	847	46	5.8%
23.5%	799	833	34	4.3%
24.7%	792	806	27	3.5%
25.9%	775	783	8	1.0%
27.2%	765	780	14	1.9%
28.4%	765	776	10	1.3%
29.6%	748	758	11	1.4%
30.9%	746	744	-1	-0.2%
32.1%	737	740	2	0.3%
33.3%	733	736	3	0.4%
34.6%	726	728	2	0.2%
35.8%	726	725	-1	-0.1%
37.0%	722	723	2	0.2%
38.3%	719	719	0	0.0%
39.5%	717	719	2	0.3%
40.7%	713	711	-1	-0.2%
42.0%	711	706	-5	-0.7%
43.2%	710	697	-13	-1.8%
44.4%	700	692	-8	-1.1%
45.7%	700	689	-11	-1.6%
46.9%	698	666	-32	-4.6%
48.1%	697	662	-35	-5.0%
49.4%	693	655	-38	-5.5%
50.6%	681	642	-39	-5.8%
51.9%	674	627	-47	-7.0%
53.1%	674	623	-50	-7.5%
54.3%	670	616	-54	-8.1%
55.6%	669	599	-70	-10.5%
56.8%	655	594	-61	-9.4%
58.0%	642	591	-51	-7.9%
59.3%	633	588	-45	-7.2%
60.5%	608	585	-22	-3.7%
61.7%	607	581	-26	-4.2%
63.0%	595	570	-25	-4.2%
64.2%	583	569	-15	-2.5%
65.4%	582	568	-14	-2.4%
66.7%	580	564	-16	-2.8%
67.9%	580	547	-33	-5.7%
69.1%	575	543	-33	-6.0%
70.4%	575	530	-45	-7.8%
71.6%	574	516	-59	-10.2%
72.8%	573	513	-60	-10.4%
74.1%	568	509	-59	-10.4%
75.3%	549	507	-42	-7.7%
76.5%	543	503	-40	-7.4%
77.8%	525	502	-23	-4.4%
79.0%	519	488	-31	-6.0%
80.2%	517	482	-35	-6.9%
81.5%	486	481	-5	-1.1%
82.7%	462	477	15	3.2%
84.0%	480	477	-3	-0.6%
85.2%	479	468	-11	-2.3%
86.4%	478	446	-32	-6.7%
87.7%	467	443	-24	-5.2%
88.9%	461	437	-24	-5.2%
90.1%	440	434	-6	-1.3%
91.4%	439	432	-8	-1.8%
92.6%	423	430	7	1.6%
93.8%	415	422	7	1.8%
95.1%	413	415	2	0.6%
96.3%	357	405	49	13.6%
97.5%	292	392	10	3.6%
98.8%	274	281	7	2.4%
100.0%	230	150	-79	-34.5%

March				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	972	972	0	0.0%
1.2%	972	972	0	0.0%
2.5%	972	972	0	0.0%
3.7%	972	972	0	0.0%
4.9%	972	972	0	0.0%
6.2%	972	972	0	0.0%
7.4%	972	972	0	0.0%
8.6%	972	972	0	0.0%
9.9%	972	972	0	0.0%
11.1%	972	972	0	0.0%
12.3%	972	972	0	0.0%
13.6%	972	972	0	0.0%
14.8%	972	972	0	0.0%
16.0%	972	972	0	0.0%
17.3%	972	972	0	0.0%
18.5%	972	972	0	0.0%
19.8%	972	972	0	0.0%
21.0%	972	972	0	0.0%
22.2%	972	972	0	0.0%
23.5%	972	972	0	0.0%
24.7%	971	971	-1	-0.1%
25.9%	948	940	-27	-2.8%
27.2%	955	936	-20	-2.1%
28.4%	948	935	-13	-1.4%
29.6%	946	933	-13	-1.4%
30.9%	928	921	-7	-0.8%
32.1%	924	911	-13	-1.4%
33.3%	921	909	-12	-1.3%
34.6%	904	893	-11	-1.2%
35.8%	897	886	-10	-1.1%
37.0%	895	881	-14	-1.6%
38.3%	887	877	-10	-1.2%
39.5%	876	853	-22	-2.6%
40.7%	866	843	-23	-2.6%
42.0%	850	832	-18	-2.1%
43.2%	827	813	-14	-1.7%
44.4%	826	792	-34	-4.1%
45.7%	802	785	-16	-2.0%
46.9%	801	772	-29	-3.6%
48.1%	795	759	-37	-4.6%
49.4%	785	755	-30	-3.8%
50.6%	777	744	-33	-4.2%
51.9%	770	733	-37	-4.8%
53.1%	753	731	-21	-2.9%
54.3%	749	731	-18	-2.4%
55.6%	745	714	-31	-4.1%
56.8%	725	701	-24	-3.3%
58.0%	698	698	3	0.5%
59.3%	691	681	-10	-1.4%
60.5%	677	672	-5	-0.7%
61.7%	674	671	-3	-0.4%
63.0%	671	635	-36	-5.4%
64.2%	665	632	-33	-4.9%
65.4%	657	596	-61	-9.3%
66.7%	635	586	-49	-7.7%
67.9%	607	577	-31	-5.1%
69.1%	584	576	-8	-1.4%
70.4%	582	575	-7	-1.2%
71.6%	574	572	-2	-0.4%
72.8%	570	568	-2	-0.3%
74.1%	563	558	-4	-0.8%
75.3%	558	557	-1	-0.2%
76.5%	541	550	8	1.5%
77.8%	532	547	15	2.8%
79.0%	525	536	11	2.1%
80.2%	517	512	-5	-1.0%
81.5%	512	485	-16	-3.2%
82.7%	512	493	-18	-3.6%
84.0%	508	481	-27	-5.2%
85.2%	467	480	13	2.8%
86.4%	504	478	-26	-5.1%
87.7%	465	467	2	0.4%
88.9%	462	451	-12	-2.5%
90.1%	462	438	-24	-5.2%
91.4%	449	434	-15	-3.4%
92.6%	422	429	7	1.7%
93.8%	416	410	-6	-1.4%
95.1%	375	398	24	6.4%
96.3%	374	398	25	6.6%
97.5%	302	363	61	18.5%
98.8%	314	285	-29	-9.2%
100.0%	236	242	7	2.8%

April				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	972	972	0	0.0%
1.2%	972	972	0	0.0%
2.5%	972	972	0	0.0%
3.7%	972	972	0	0.0%
4.9%	972	972	0	0.0%
6.2%	972	972	0	0.0%
7.4%	972	972	0	0.0%
8.6%	972	972	0	0.0%
9.9%	972	972	0	0.0%
11.1%	972	955	-17	-1.8%
12.3%	965	952	-13	-1.3%
13.6%	953	936	-18	-1.9%
14.8%	953	936	-17	-1.8%
16.0%	953	933	-20	-2.1%
17.3%	937	908	-29	-3.1%
18.5%	926	907	-19	-2.0%
19.8%	920	907	-13	-1.5%
21.0%	916	904	-12	-1.3%
22.2%	912	900	-12	-1.3%
23.5%	912	891	-20	-2.2%
24.7%	911	889	-23	-2.5%
25.9%	903	884	-18	-2.0%
27.2%	901	883	-18	-2.0%
28.4%	897	879	-17	-2.3%
29.6%	805	878	-17	-1.9%
30.9%	895	878	-17	-1.9%
32.1%	889	876	-12	-1.4%
33.3%	889	868	-21	-2.3%
34.6%	880	860	-20	-2.3%
35.8%	880	857	-23	-2.6%
37.0%	829	835	6	0.7%
38.3%	825	827	1	0.2%
39.5%	799	810	11	1.4%
40.7%	798	799	1	0.1%
42.0%	792	779	-13	-1.6%
43.2%	782	776	6	0.8%
44.4%	776	768	-8	-1.0%
45.7%	773	736	-37	-4.8%
46.9%	753	737	-17	-2.3%
48.1%	746	731	-15	-2.0%
49.4%	745	709	-37	-5.0%
50.6%	729	698	-32	-4.4%
51.9%	717	682	-35	-4.9%
53.1%	699	676	-23	-3.3%
54.3%	692	666	-26	-3.8%
55.6%	688	665	-22	-3.2%
56.8%	683	664	-19	-2.8%
58.0%	667	646	-21	-3.1%
59.3%	663	632	-31	-4.7%
60.5%	657	623	-34	-5.1%
61.7%	645	622	-22	-3.4%
63.0%	609	609	0	0.0%
64.2%	605	604	-1	-0.1%
65.4%	599	594	-6	-0.9%
66.7%	586	585	-1	-0.2%
67.9%	565	564	-1	-0.2%
69.1%	565	563	-2	-0.3%
70.4%	538	541	2	0.4%
71.6%	533	523	-10	-1.9%
72.8%	532	520	-12	-2.2%
74.1%	532	511	-21	-4.0%
75.3%	527	509	-18	-3.4%
76.5%	504	500	-4	-0.7%
77.8%	503	499	-3	-0.6%
79.0%	501	495	-6	-1.1%
80.2%	494	494	1	0.1%
81.5%	484	485	1	0.1%
82.7%	482	476	-6	-1.3%
84.0%	473	460	-13	-2.7%
85.2%	467	450	-17	-3.7%
86.4%	445	433	-12	-2.6%
87.7%	424	397	-27	-6.5%
88.9%	415	387	-28	-6.8%
90.1%	405	379	-26	-6.5%
91.4%	391	377	-14	-3.6%
92.6%	380	364	-16	-4.2%
93.8%	376	352	-24	-6.4%
95.1%	345	351	6	1.9%
96.3%	325	344	19	5.9%
97.5%	317	333	16	5.0%
98.8%	257	266	9	3.5%
100.0%	199	205	7	3.3%

May				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	972	972	0	0.0%
1.2%	972	972	0	0.0%
2.5%	972	972	0	0.0%
3.7%	951	942	-9	-1.0%
4.9%	947	937	-10	-1.0%
6.2%	945	914	-31	-3.3%
7.4%	924	905	-19	-2.1%
8.6%	921	902	-18	-2.0%
9.9%	911	896	-15	-1.6%
11.1%	909	893	-17	-1.9%
12.3%	903	891	-12	-1.3%
13.6%	890	880	-10	-1.1%
14.8%	886	867	-20	-2.2%
16.0%	880	859	-22	-2.5%
17.3%	861	852	-9	-1.1%
18.5%	854	851	-4	-0.4%
19.8%	853	844	-8	-1.0%
2				

Table SW-44-b
San Luis Reservoir (CVP), End of Month Storage
Probability of Exceedance

Table with 5 columns: Percent Exceedance Probability (%), WSIP 2070 Without Project End of Month Storage (TAF), WSIP 2070 With Project End of Month Storage (TAF), Absolute Difference (TAF), Relative Difference (%). Rows show data for the month of June, ranging from 0.0% to 100.0% exceedance probability.

Table with 5 columns: Percent Exceedance Probability (%), WSIP 2070 Without Project End of Month Storage (TAF), WSIP 2070 With Project End of Month Storage (TAF), Absolute Difference (TAF), Relative Difference (%). Rows show data for the month of July, ranging from 0.0% to 100.0% exceedance probability.

Table with 5 columns: Percent Exceedance Probability (%), WSIP 2070 Without Project End of Month Storage (TAF), WSIP 2070 With Project End of Month Storage (TAF), Absolute Difference (TAF), Relative Difference (%). Rows show data for the month of August, ranging from 0.0% to 100.0% exceedance probability.

Table with 5 columns: Percent Exceedance Probability (%), WSIP 2070 Without Project End of Month Storage (TAF), WSIP 2070 With Project End of Month Storage (TAF), Absolute Difference (TAF), Relative Difference (%). Rows show data for the month of September, ranging from 0.0% to 100.0% exceedance probability.

Figure SW-45-b
San Luis Reservoir (SWP), End of Month Storage
Probability of Exceedance

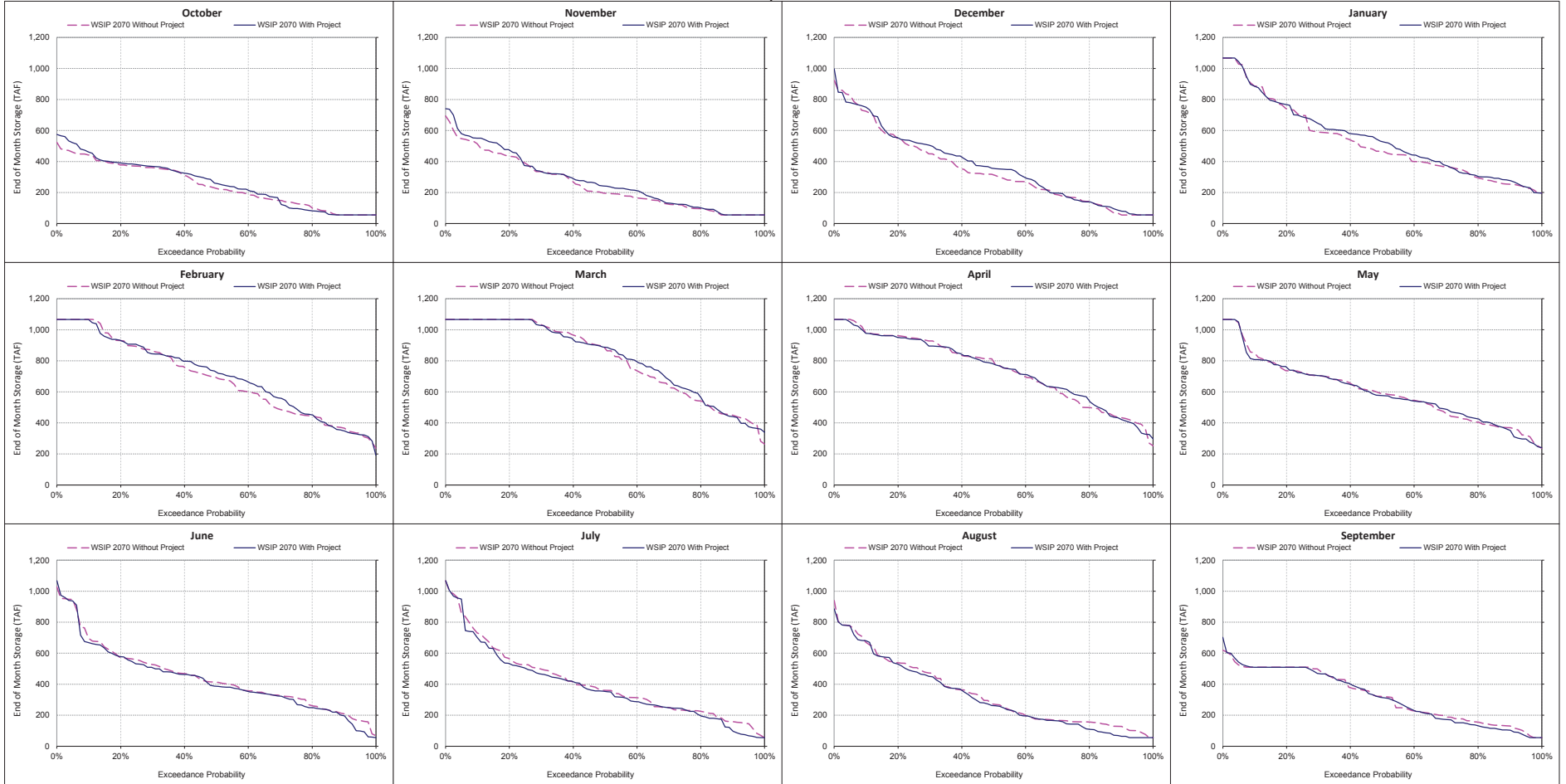


Table SW-45-b
San Luis Reservoir (SWP), End of Month Storage
Probability of Exceedance

October				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	523	575	51	9.8%
1.2%	482	566	84	17.4%
2.5%	475	561	86	18.0%
3.7%	471	533	62	13.2%
4.9%	460	522	62	13.4%
6.2%	451	512	62	13.7%
7.4%	449	491	52	7.1%
8.6%	448	474	26	5.8%
9.9%	442	462	20	4.5%
11.1%	441	454	13	2.9%
12.3%	406	422	16	4.1%
13.6%	405	410	5	1.3%
14.8%	404	404	0	0.0%
16.0%	392	402	10	2.5%
17.3%	389	397	7	1.9%
18.5%	389	395	6	1.4%
19.8%	378	392	14	3.6%
21.0%	378	388	10	2.6%
22.2%	372	384	12	3.3%
23.5%	372	384	12	3.3%
24.7%	370	381	11	3.0%
25.9%	370	378	8	2.3%
27.2%	362	374	12	3.3%
28.4%	361	372	10	2.8%
29.6%	361	370	9	2.4%
30.9%	359	367	8	2.3%
32.1%	355	366	11	3.0%
33.3%	352	361	9	2.5%
34.6%	349	357	8	2.3%
35.8%	347	346	-1	-0.4%
37.0%	342	339	-3	-1.0%
38.3%	334	330	-4	-1.2%
39.5%	313	327	13	4.3%
40.7%	306	322	16	5.2%
42.0%	299	318	28	9.6%
43.2%	272	308	35	13.0%
44.4%	253	303	50	20.0%
45.7%	251	298	46	18.5%
46.9%	237	288	51	21.4%
48.1%	237	286	49	20.8%
49.4%	230	261	31	13.4%
50.6%	223	255	33	14.7%
51.9%	220	250	30	13.8%
53.1%	219	243	25	11.3%
54.3%	211	238	28	13.1%
55.6%	209	237	28	13.2%
56.8%	200	224	24	11.7%
58.0%	200	222	22	11.1%
59.3%	193	222	29	15.2%
60.5%	184	210	26	14.1%
61.7%	182	207	24	13.2%
63.0%	169	190	21	12.4%
64.2%	168	189	21	12.6%
65.4%	161	188	27	16.7%
66.7%	157	174	16	10.4%
67.9%	152	171	18	11.9%
69.1%	150	167	17	11.2%
70.4%	148	122	-26	-17.5%
71.6%	140	115	-25	-17.8%
72.8%	140	100	-39	-28.3%
74.1%	134	97	-37	-27.3%
75.3%	128	97	-30	-23.8%
76.5%	125	94	-32	-25.3%
77.8%	122	88	-35	-28.3%
79.0%	117	85	-32	-27.2%
80.2%	97	82	-15	-15.9%
81.5%	95	79	-16	-16.4%
82.7%	85	77	-8	-9.5%
84.0%	82	74	-8	-10.3%
85.2%	78	59	-19	-24.1%
86.4%	64	58	-6	-9.7%
87.7%	57	55	-2	-3.1%
88.9%	55	55	0	0.0%
90.1%	55	55	0	0.0%
91.4%	55	55	0	0.0%
92.6%	55	55	0	0.0%
93.8%	55	55	0	0.0%
95.1%	55	55	0	0.0%
96.3%	55	55	0	0.0%
97.5%	55	55	0	0.0%
98.8%	55	55	0	0.0%
100.0%	55	55	0	0.0%

November				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	694	740	46	6.6%
1.2%	657	736	80	12.1%
2.5%	601	699	98	16.3%
3.7%	557	614	57	10.2%
4.9%	547	580	32	5.9%
6.2%	543	569	26	4.7%
7.4%	535	564	29	5.4%
8.6%	532	553	21	4.0%
9.9%	515	551	36	7.0%
11.1%	483	550	67	13.9%
12.3%	473	540	67	14.1%
13.6%	473	528	56	11.8%
14.8%	459	523	64	13.9%
16.0%	454	520	66	14.6%
17.3%	452	500	48	10.7%
18.5%	441	477	36	8.2%
19.8%	434	456	22	5.1%
21.0%	432	459	27	6.2%
22.2%	428	458	29	6.5%
23.5%	404	421	17	4.3%
24.7%	392	374	-18	-4.6%
25.9%	377	319	-57	-16.6%
27.2%	352	368	16	4.6%
28.4%	335	341	6	1.6%
29.6%	335	338	3	0.7%
30.9%	334	329	-5	-1.5%
32.1%	328	323	-4	-1.2%
33.3%	318	322	4	1.1%
34.6%	318	321	3	0.9%
35.8%	317	320	3	0.8%
37.0%	317	315	-2	-0.5%
38.3%	295	304	9	2.9%
39.5%	277	296	18	6.6%
40.7%	255	281	26	10.4%
42.0%	248	277	28	11.5%
43.2%	227	276	49	21.8%
44.4%	209	266	57	27.3%
45.7%	208	266	58	27.8%
46.9%	205	260	56	27.1%
48.1%	204	245	41	20.2%
49.4%	197	243	46	23.5%
50.6%	194	241	47	24.2%
51.9%	193	236	43	22.3%
53.1%	191	228	37	19.1%
54.3%	190	227	37	19.7%
55.6%	179	227	48	26.9%
56.8%	177	221	44	24.9%
58.0%	176	216	40	22.6%
59.3%	165	215	50	30.4%
60.5%	164	210	46	27.9%
61.7%	161	198	38	23.5%
63.0%	159	180	22	13.7%
64.2%	153	174	22	14.1%
65.4%	150	164	13	8.9%
66.7%	148	159	11	7.1%
67.9%	131	147	16	12.1%
69.1%	128	132	4	3.2%
70.4%	123	131	8	6.2%
71.6%	122	127	5	4.4%
72.8%	121	125	4	2.9%
74.1%	120	124	4	3.0%
75.3%	107	123	15	14.4%
76.5%	101	113	12	11.5%
77.8%	97	106	9	9.2%
79.0%	96	105	9	9.0%
80.2%	92	101	5	4.8%
81.5%	92	94	2	2.0%
82.7%	94	91	-7	-8.2%
84.0%	79	91	12	14.5%
85.2%	71	76	5	6.5%
86.4%	55	61	6	10.7%
87.7%	55	55	0	0.0%
88.9%	55	55	0	0.0%
90.1%	55	55	0	0.0%
91.4%	55	55	0	0.0%
92.6%	55	55	0	0.0%
93.8%	55	55	0	0.0%
95.1%	55	55	0	0.0%
96.3%	55	55	0	0.0%
97.5%	55	55	0	0.0%
98.8%	55	55	0	0.0%
100.0%	55	55	0	0.0%

December				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	924	998	74	8.1%
1.2%	860	947	87	10.1%
2.5%	860	844	-15	-1.8%
3.7%	836	784	-52	-6.2%
4.9%	829	779	-50	-6.0%
6.2%	787	773	-14	-1.7%
7.4%	765	766	0	0.1%
8.6%	730	759	29	3.9%
9.9%	725	750	25	3.5%
11.1%	712	734	22	3.1%
12.3%	694	694	0	0.0%
13.6%	629	690	61	9.6%
14.8%	603	629	27	4.5%
16.0%	580	580	0	0.0%
17.3%	578	570	-8	-1.4%
18.5%	574	557	-18	-3.1%
19.8%	550	566	16	2.9%
21.0%	543	542	-1	-0.2%
22.2%	517	539	22	4.3%
23.5%	504	538	34	6.7%
24.7%	502	528	26	5.2%
25.9%	492	519	27	5.4%
27.2%	474	516	42	8.9%
28.4%	470	511	41	8.7%
29.6%	450	507	57	12.6%
30.9%	448	498	49	10.8%
32.1%	433	479	46	10.7%
33.3%	417	473	56	13.5%
34.6%	416	455	38	9.2%
35.8%	411	449	38	9.3%
37.0%	397	445	48	12.1%
38.3%	371	436	66	17.8%
39.5%	355	436	81	22.9%
40.7%	349	419	70	19.9%
42.0%	328	404	76	23.1%
43.2%	324	404	79	24.5%
44.4%	324	375	51	15.9%
45.7%	323	373	50	15.6%
46.9%	319	369	51	15.9%
48.1%	318	367	48	15.2%
49.4%	318	357	39	12.3%
50.6%	309	353	44	14.4%
51.9%	299	353	54	18.0%
53.1%	291	351	60	20.6%
54.3%	281	349	68	24.2%
55.6%	280	348	69	24.6%
56.8%	271	339	68	24.9%
58.0%	271	317	46	16.8%
59.3%	271	302	31	11.6%
60.5%	267	290	22	8.4%
61.7%	252	285	33	13.3%
63.0%	235	274	39	16.7%
64.2%	220	247	27	12.1%
65.4%	219	233	14	6.4%
66.7%	217	215	-2	-0.9%
67.9%	212	198	-15	-6.8%
69.1%	189	196	7	3.9%
70.4%	184	196	12	6.5%
71.6%	177	194	17	9.5%
72.8%	175	170	-5	-2.8%
74.1%	169	167	-2	-1.0%
75.3%	168	153	-15	-9.2%
76.5%	163	151	-12	-7.4%
77.8%	146	141	-5	-3.2%
79.0%	142	140	-3	-2.0%
80.2%	142	139	-4	-2.5%
81.5%	128	129	1	0.7%
82.7%	123	117	-5	-4.4%
84.0%	116	110	-4	-3.4%
85.2%	103	71	-7	-7.1%
86.4%	85	107	21	24.9%
87.7%	69	96	27	39.3%
88.9%	67	86	19	27.9%
90.1%	55	79	24	43.9%
91.4%	55	23	-42	-22.2%
92.6%	55	63	8	14.9%
93.8%	55	61	6	10.5%
95.1%	55	55	0	0.0%
96.3%	55	55	0	0.0%
97.5%	55	55	0	0.0%
98.8%	55	55	0	0.0%
100.0%	55	55	0	0.0%

January				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	1,067	1,067	0	0.0%
1.2%	1,067	1,067	0	0.0%
2.5%	1,067	1,067	0	0.0%
3.7%	1,067	1,067	0	0.0%
4.9%	1,028	1,046	18	1.7%
6.2%	1,024	1,013	-11	-1.1%
7.4%	942	949	6	0.7%
8.6%	908	898	-10	-1.1%
9.9%	887	885	-2	-0.2%
11.1%	883	875	-8	-0.9%
12.3%	882	847	-35	-4.0%
13.6%	809	819	10	1.2%
14.8%	806	796	-10	-1.3%
16.0%	803	788	-15	-1.8%
17.3%	774	780	6	0.8%
18.5%	765	774	9	1.2%
19.8%	7			

Table SW-45-b
San Luis Reservoir (SWP), End of Month Storage
Probability of Exceedance

February				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	1,067	1,067	0	0.0%
1.2%	1,067	1,067	0	0.0%
2.5%	1,067	1,067	0	0.0%
3.7%	1,067	1,067	0	0.0%
4.9%	1,067	1,067	0	0.0%
6.2%	1,067	1,067	0	0.0%
7.4%	1,067	1,067	0	0.0%
8.6%	1,067	1,067	0	0.0%
9.9%	1,067	1,067	0	0.0%
11.1%	1,067	1,047	-20	-1.9%
12.3%	1,061	1,040	-22	-2.0%
13.6%	1,040	978	-63	-6.0%
14.8%	991	958	-33	-3.3%
16.0%	979	948	-31	-3.2%
17.3%	948	939	-9	-0.9%
18.5%	932	937	5	0.6%
19.8%	931	933	2	0.2%
21.0%	928	922	-6	-0.6%
22.2%	898	908	9	1.0%
23.5%	896	907	11	1.2%
24.7%	894	907	13	1.5%
25.9%	886	898	12	1.4%
27.2%	875	888	13	1.5%
28.4%	873	864	-9	-1.0%
29.6%	870	846	-24	-2.8%
30.9%	857	844	-13	-1.6%
32.1%	854	844	-10	-1.2%
33.3%	837	838	1	0.1%
34.6%	833	830	-4	-0.5%
35.8%	820	829	9	1.2%
37.0%	775	820	45	5.9%
38.3%	765	819	54	7.1%
39.5%	765	798	33	4.3%
40.7%	749	797	49	6.5%
42.0%	735	796	61	8.3%
43.2%	730	777	47	6.4%
44.4%	723	767	44	6.1%
45.7%	716	763	48	6.7%
46.9%	707	759	52	7.4%
48.1%	700	740	40	5.7%
49.4%	698	734	36	5.1%
50.6%	685	719	34	5.0%
51.9%	680	716	36	5.3%
53.1%	678	706	28	4.1%
54.3%	670	701	31	4.6%
55.6%	649	698	49	7.5%
56.8%	609	684	75	12.3%
58.0%	607	682	75	12.3%
59.3%	603	670	68	11.2%
60.5%	599	658	58	9.7%
61.7%	592	648	56	9.5%
63.0%	587	635	48	8.1%
64.2%	583	633	50	8.6%
65.4%	552	601	49	8.9%
66.7%	522	595	73	14.0%
67.9%	504	570	66	13.1%
69.1%	492	562	70	14.2%
70.4%	484	558	74	15.1%
71.6%	478	546	68	14.2%
72.8%	472	515	43	9.2%
74.1%	462	505	43	9.3%
75.3%	454	486	32	7.1%
76.5%	453	466	13	3.0%
77.8%	448	457	9	2.1%
79.0%	446	455	9	1.9%
80.2%	443	449	7	1.5%
81.5%	437	424	-13	-3.0%
82.7%	433	410	-23	-5.3%
84.0%	395	402	7	1.8%
85.2%	383	383	0	-0.1%
86.4%	381	375	-6	-1.5%
87.7%	374	358	-16	-4.2%
88.9%	371	355	-17	-4.5%
90.1%	366	347	-19	-5.0%
91.4%	345	337	-8	-2.6%
92.6%	341	333	-8	-2.3%
93.8%	334	329	-5	-1.5%
95.1%	334	323	-11	-3.3%
96.3%	309	321	12	3.8%
97.5%	302	312	10	3.3%
98.8%	272	282	10	3.5%
100.0%	237	191	-46	-19.2%

March				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	1,067	1,067	0	0.0%
1.2%	1,067	1,067	0	0.0%
2.5%	1,067	1,067	0	0.0%
3.7%	1,067	1,067	0	0.0%
4.9%	1,067	1,067	0	0.0%
6.2%	1,067	1,067	0	0.0%
7.4%	1,067	1,047	-20	-1.9%
8.6%	1,067	1,067	0	0.0%
9.9%	1,067	1,067	0	0.0%
11.1%	1,067	1,067	0	0.0%
12.3%	1,067	1,067	0	0.0%
13.6%	1,067	1,067	0	0.0%
14.8%	1,067	1,067	0	0.0%
16.0%	1,067	1,067	0	0.0%
17.3%	1,067	1,067	0	0.0%
18.5%	1,067	1,067	0	0.0%
19.8%	1,067	1,067	0	0.0%
21.0%	1,067	1,067	0	0.0%
22.2%	1,067	1,067	0	0.0%
23.5%	1,067	1,067	0	0.0%
24.7%	1,067	1,067	0	0.0%
25.9%	1,067	1,067	0	0.0%
27.2%	1,067	1,064	-3	-0.3%
28.4%	1,050	1,034	-16	-1.5%
29.6%	1,037	1,029	-8	-0.8%
30.9%	1,024	1,027	3	0.3%
32.1%	1,016	1,002	-14	-1.4%
33.3%	1,003	986	-17	-1.7%
34.6%	989	981	-8	-0.8%
35.8%	986	980	-6	-0.6%
37.0%	983	956	-27	-2.8%
38.3%	983	953	-30	-3.1%
39.5%	970	946	-24	-2.5%
40.7%	961	922	-39	-4.0%
42.0%	957	921	-36	-3.8%
43.2%	938	915	-23	-2.5%
44.4%	913	909	-4	-0.4%
45.7%	910	904	-6	-0.7%
46.9%	904	903	-2	-0.2%
48.1%	899	897	-2	-0.3%
49.4%	894	888	-6	-0.7%
50.6%	865	886	22	2.5%
51.9%	864	877	13	1.5%
53.1%	828	869	41	5.0%
54.3%	826	842	16	2.0%
55.6%	802	837	35	4.4%
56.8%	802	812	10	1.2%
58.0%	747	809	62	8.2%
59.3%	743	805	61	8.3%
60.5%	730	787	57	7.8%
61.7%	717	780	64	8.9%
63.0%	711	762	50	7.1%
64.2%	697	761	64	9.2%
65.4%	693	743	49	7.1%
66.7%	666	738	72	10.8%
67.9%	659	716	57	8.7%
69.1%	657	691	34	5.2%
70.4%	628	672	46	7.3%
71.6%	625	645	20	3.2%
72.8%	608	639	31	5.1%
74.1%	596	626	31	5.2%
75.3%	588	620	32	5.4%
76.5%	565	611	46	8.1%
77.8%	548	597	49	8.9%
79.0%	543	590	47	8.7%
80.2%	541	559	18	3.3%
81.5%	528	514	-14	-2.6%
82.7%	506	509	2	0.5%
84.0%	484	507	23	4.7%
85.2%	470	485	16	3.3%
86.4%	459	468	9	2.0%
87.7%	457	454	-3	-0.6%
88.9%	453	443	-11	-2.3%
90.1%	449	439	-10	-2.1%
91.4%	440	435	-5	-1.0%
92.6%	432	397	-35	-8.1%
93.8%	429	396	-32	-7.5%
95.1%	411	379	-32	-7.8%
96.3%	395	369	-26	-6.7%
97.5%	392	365	-26	-6.8%
98.8%	281	359	78	27.8%
100.0%	264	329	65	24.5%

April				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	1,067	1,067	0	0.0%
1.2%	1,067	1,067	0	0.0%
2.5%	1,067	1,067	0	0.0%
3.7%	1,067	1,067	0	0.0%
4.9%	1,067	1,051	-16	-1.5%
6.2%	1,059	1,030	-29	-2.7%
7.4%	1,040	1,024	-16	-1.5%
8.6%	1,021	1,001	-20	-2.0%
9.9%	980	977	-3	-0.3%
11.1%	978	976	-2	-0.2%
12.3%	973	970	-3	-0.3%
13.6%	972	966	-6	-0.6%
14.8%	966	963	-3	-0.3%
16.0%	964	963	-1	-0.1%
17.3%	963	962	-1	-0.1%
18.5%	963	962	-1	-0.1%
19.8%	962	952	-10	-1.1%
21.0%	959	949	-10	-1.1%
22.2%	956	949	-7	-0.8%
23.5%	948	942	-6	-0.6%
24.7%	947	940	-7	-0.7%
25.9%	937	938	1	0.1%
27.2%	934	938	4	0.4%
28.4%	920	920	0	0.0%
29.6%	928	896	-32	-3.5%
30.9%	928	896	-32	-3.5%
32.1%	915	893	-22	-2.4%
33.3%	895	893	-2	-0.3%
34.6%	886	890	4	0.4%
35.8%	885	887	2	0.2%
37.0%	854	875	21	2.5%
38.3%	850	852	2	0.3%
39.5%	837	847	10	1.1%
40.7%	834	834	0	0.5%
42.0%	823	823	0	0.5%
43.2%	827	827	0	0.5%
44.4%	823	813	-10	-1.2%
45.7%	820	805	-14	-1.7%
46.9%	815	793	-22	-2.6%
48.1%	814	790	-24	-2.9%
49.4%	813	784	-29	-3.6%
50.6%	772	774	2	0.2%
51.9%	770	767	-3	-0.4%
53.1%	753	755	2	0.3%
54.3%	752	749	-3	-0.4%
55.6%	741	747	6	0.8%
56.8%	728	744	16	2.2%
58.0%	721	716	-5	-0.6%
59.3%	703	713	10	1.4%
60.5%	692	710	18	2.6%
61.7%	691	698	7	1.0%
63.0%	690	690	0	2.2%
64.2%	684	666	-18	-2.6%
65.4%	650	652	2	0.2%
66.7%	634	635	1	0.2%
67.9%	629	633	4	0.6%
69.1%	629	630	1	0.3%
70.4%	591	626	35	5.9%
71.6%	588	622	34	5.7%
72.8%	567	616	49	8.6%
74.1%	554	598	44	7.9%
75.3%	551	583	32	5.8%
76.5%	535	578	43	8.0%
77.8%	501	574	73	14.6%
79.0%	499	568	69	13.9%
80.2%	498	534	35	7.1%
81.5%	494	516	22	4.5%
82.7%	492	502	11	2.1%
84.0%	497	491	-6	-1.2%
85.2%	464	478	13	2.9%
86.4%	459	446	-13	-2.9%
87.7%	445	437	-8	-1.8%
88.9%	436	433	-3	-0.6%
90.1%	433	421	-13	-3.0%
91.4%	428	413	-15	-3.5%
92.6%	420	403	-17	-4.0%
93.8%	407	396	-12	-2.9%
95.1%	398	370	-27	-6.9%
96.3%	391	334	-57	-14.6%
97.5%	382	327	-55	-14.4%
98.8%	269	325	56	20.9%
100.0%	252	296	44	17.4%

May				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	1,067	1,067	0	0.0%
1.2%	1,067	1,067	0	0.0%
2.5%	1,067	1,067	0	0.0%
3.7%	1,067	1,067	0	0.0%
4.9%	1,044	1,051	8	0.7%
6.2%	963	953	-11	-1.1%
7.4%	909	854	-54	-6.0%
8.6%	857	815	-41	-4.8%
9.9%	852	809	-43	-5.1%
11.1%	822	808	-14	-1.7%
12.3%	813	804	-9	-1.1%
13.6%	797	804	7	0.8%
14.8%	792			

Table SW-45-b
San Luis Reservoir (SWP), End of Month Storage
Probability of Exceedance

June				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	1,027	1,067	40	3.9%
1.2%	953	973	20	2.1%
2.5%	952	960	8	0.8%
3.7%	948	940	-8	-0.8%
4.9%	947	937	-10	-1.0%
6.2%	881	909	28	3.2%
7.4%	770	717	-53	-6.9%
8.6%	764	676	-88	-11.5%
9.9%	696	669	-27	-3.9%
11.1%	679	661	-18	-2.6%
12.3%	676	656	-20	-2.9%
13.6%	675	652	-23	-3.4%
14.8%	641	635	-6	-1.0%
16.0%	626	609	-17	-2.8%
17.3%	611	598	-13	-2.1%
18.5%	594	586	-8	-1.3%
19.8%	572	578	6	1.0%
21.0%	567	577	9	1.6%
22.2%	568	558	-9	-1.5%
23.5%	563	546	-17	-3.0%
24.7%	559	532	-27	-4.8%
25.9%	530	522	-8	-1.5%
27.2%	542	526	-16	-2.9%
28.4%	553	509	-44	-8.0%
29.6%	528	509	-19	-3.6%
30.9%	524	499	-25	-4.8%
32.1%	514	498	-16	-3.1%
33.3%	501	480	-22	-4.3%
34.6%	495	480	-15	-3.1%
35.8%	487	479	-8	-1.7%
37.0%	478	472	-6	-1.2%
38.3%	471	465	-6	-1.4%
39.5%	469	464	-6	-1.2%
40.7%	467	463	-4	-0.9%
42.0%	457	459	1	0.3%
43.2%	457	456	-1	-0.2%
44.4%	439	449	10	2.4%
45.7%	425	439	14	3.3%
46.9%	418	414	-4	-0.9%
48.1%	415	393	-22	-5.1%
49.4%	414	388	-26	-6.2%
50.6%	411	385	-26	-6.3%
51.9%	406	383	-23	-5.7%
53.1%	402	380	-22	-5.5%
54.3%	399	380	-19	-4.7%
55.6%	394	375	-19	-4.9%
56.8%	382	371	-11	-3.0%
58.0%	362	364	2	0.6%
59.3%	359	358	-1	-0.3%
60.5%	357	349	-7	-2.1%
61.7%	357	347	-9	-2.6%
63.0%	348	345	-3	-0.9%
64.2%	348	341	-7	-1.9%
65.4%	338	338	0	0.0%
66.7%	332	334	3	0.8%
67.9%	330	329	-1	-0.3%
69.1%	330	324	-6	-1.7%
70.4%	325	323	-2	-0.7%
71.6%	322	312	-10	-3.1%
72.8%	320	303	-17	-5.3%
74.1%	316	301	-15	-4.7%
75.3%	311	288	-23	-7.4%
76.5%	304	266	-38	-12.5%
77.8%	302	256	-45	-15.0%
79.0%	267	249	-17	-6.5%
80.2%	260	248	-11	-4.4%
81.5%	257	244	-13	-5.2%
82.7%	242	240	-3	-1.1%
84.0%	239	239	0	0.0%
85.2%	233	233	0	0.0%
86.4%	225	221	-4	-2.0%
87.7%	223	220	-3	-1.2%
88.9%	214	201	-13	-6.0%
90.1%	209	186	-23	-11.0%
91.4%	198	183	-15	-7.5%
92.6%	178	142	-36	-20.0%
93.8%	169	101	-68	-40.3%
95.1%	165	98	-67	-40.7%
96.3%	160	94	-67	-41.8%
97.5%	157	81	-76	-48.3%
98.8%	80	58	-22	-27.2%
100.0%	68	55	-13	-18.7%

July				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	1,067	1,067	0	0.0%
1.2%	998	1,004	6	0.6%
2.5%	983	969	-14	-1.4%
3.7%	959	957	-2	-0.2%
4.9%	860	950	90	10.5%
6.2%	836	746	-89	-10.7%
7.4%	799	741	-58	-7.2%
8.6%	762	739	-23	-3.0%
9.9%	731	703	-28	-3.8%
11.1%	721	672	-48	-6.7%
12.3%	695	670	-25	-3.6%
13.6%	673	633	-40	-6.0%
14.8%	636	630	-6	-1.0%
16.0%	624	590	-34	-5.5%
17.3%	616	557	-59	-9.6%
18.5%	574	537	-37	-6.5%
19.8%	567	534	-33	-5.8%
21.0%	548	523	-26	-4.7%
22.2%	534	519	-15	-2.8%
23.5%	527	513	-13	-2.5%
24.7%	526	505	-21	-4.1%
25.9%	525	493	-32	-6.1%
27.2%	509	488	-21	-4.2%
28.4%	504	473	-31	-6.2%
29.6%	499	467	-32	-6.5%
30.9%	492	463	-29	-5.9%
32.1%	488	456	-32	-6.5%
33.3%	470	445	-25	-5.3%
34.6%	463	443	-20	-4.3%
35.8%	452	438	-14	-3.1%
37.0%	451	431	-20	-4.5%
38.3%	421	422	1	0.2%
39.5%	419	421	2	0.4%
40.7%	397	409	12	2.9%
42.0%	395	406	10	2.4%
43.2%	384	380	-4	-1.0%
44.4%	392	369	-23	-5.8%
45.7%	387	361	-26	-6.6%
46.9%	381	357	-23	-6.2%
48.1%	366	356	-10	-2.7%
49.4%	351	356	5	1.3%
50.6%	360	352	-8	-2.3%
51.9%	359	349	-10	-2.8%
53.1%	342	318	-23	-6.8%
54.3%	338	318	-20	-6.0%
55.6%	323	315	-8	-2.3%
56.8%	316	308	-8	-2.4%
58.0%	315	292	-23	-7.3%
59.3%	314	288	-27	-8.5%
60.5%	312	287	-25	-8.0%
61.7%	310	278	-32	-10.3%
63.0%	303	270	-32	-10.6%
64.2%	287	268	-19	-6.8%
65.4%	266	266	11	4.3%
66.7%	255	260	5	2.1%
67.9%	252	254	2	1.0%
69.1%	251	251	0	0.0%
70.4%	249	247	-1	-0.6%
71.6%	236	246	10	4.3%
72.8%	234	245	12	5.0%
74.1%	233	244	10	4.3%
75.3%	231	234	3	1.4%
76.5%	231	225	-6	-2.6%
77.8%	230	224	-5	-2.4%
79.0%	229	205	-24	-10.3%
80.2%	224	195	-29	-13.0%
81.5%	220	189	-30	-13.8%
82.7%	212	181	-32	-15.0%
84.0%	210	180	-30	-14.3%
85.2%	183	177	-6	-3.2%
86.4%	182	173	-9	-4.7%
87.7%	183	174	-8	-4.3%
88.9%	159	123	-36	-22.8%
90.1%	158	96	-62	-39.1%
91.4%	154	87	-67	-43.5%
92.6%	153	77	-76	-49.5%
93.8%	148	75	-73	-49.5%
95.1%	145	68	-77	-53.3%
96.3%	145	65	-80	-54.7%
97.5%	141	57	-84	-59.3%
98.8%	70	55	-15	-21.5%
100.0%	55	55	0	0.0%

August				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	940	885	-54	-5.8%
1.2%	806	802	-4	-0.5%
2.5%	782	781	0	0.0%
3.7%	781	780	-1	-0.2%
4.9%	776	777	2	0.2%
6.2%	759	719	-40	-5.3%
7.4%	724	688	-36	-5.0%
8.6%	709	682	-26	-3.7%
9.9%	671	680	9	1.3%
11.1%	654	670	17	2.5%
12.3%	642	597	-45	-7.0%
13.6%	587	582	-5	-0.9%
14.8%	580	578	-2	-0.3%
16.0%	565	573	9	1.5%
17.3%	547	573	26	4.7%
18.5%	543	538	-5	-0.9%
19.8%	539	532	-7	-1.3%
21.0%	536	519	-17	-3.2%
22.2%	535	502	-33	-6.3%
23.5%	516	490	-26	-5.0%
24.7%	507	484	-23	-4.6%
25.9%	507	493	-14	-2.8%
27.2%	489	464	-24	-5.0%
28.4%	478	462	-16	-3.4%
29.6%	473	451	-21	-4.5%
30.9%	471	467	-4	-0.8%
32.1%	438	427	-11	-2.6%
33.3%	437	412	-25	-5.7%
34.6%	386	386	0	0.0%
35.8%	383	377	-6	-1.7%
37.0%	369	374	5	1.4%
38.3%	367	372	5	1.3%
39.5%	364	369	6	1.5%
40.7%	363	349	-13	-3.7%
42.0%	364	334	-30	-8.3%
43.2%	363	314	-49	-13.5%
44.4%	336	299	-37	-11.0%
45.7%	325	281	-44	-13.4%
46.9%	296	280	-16	-5.3%
48.1%	295	272	-23	-7.8%
49.4%	263	263	0	0.0%
50.6%	269	260	-9	-3.4%
51.9%	267	257	-9	-3.5%
53.1%	251	247	-3	-1.3%
54.3%	241	236	-5	-2.3%
55.6%	230	232	2	1.0%
56.8%	217	223	5	2.5%
58.0%	215	214	-1	-0.4%
59.3%	207	196	-11	-5.5%
60.5%	192	196	4	1.9%
61.7%	186	189	3	1.5%
63.0%	176	181	5	2.8%
64.2%	175	170	-5	-2.8%
65.4%	174	174	0	0.0%
66.7%	173	167	-6	-3.3%
67.9%	171	166	-5	-2.7%
69.1%	168	165	-3	-1.7%
70.4%	166	163	-3	-1.7%
71.6%	166	158	-7	-4.3%
72.8%	164	144	-20	-12.3%
74.1%	159	143	-16	-10.1%
75.3%	158	142	-16	-9.9%
76.5%	157	142	-15	-9.7%
77.8%	157	126	-31	-20.0%
79.0%	157	111	-46	-29.1%
80.2%	156	109	-47	-29.9%
81.5%	153	107	-46	-30.0%
82.7%	152	96	-57	-37.3%
84.0%	145	91	-54	-37.0%
85.2%	142	87	-56	-39.2%
86.4%	135	85	-49	-36.6%
87.7%	129	72	-58	-44.5%
88.9%	129	69	-60	-46.5%
90.1%	128	64	-64	-49.8%
91.4%	114	54	-60	-52.0%
92.6%	102	55	-47	-46.1%
93.8%	102	55	-47	-45.8%
95.1%	101	55	-46	-45.4%
96.3%	89	55	-34	-37.9%
97.5%	77	55	-22	-28.3%
98.8%	55	55	0	0.0%
100.0%	55	55	0	0.0%

September				
Percent Exceedance Probability (%)	WSIP 2070 Without Project End of Month Storage (TAF)	WSIP 2070 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	619	702	83	13.5%
1.2%	609	603	-5	-0.8%
2.5%	589	600	11	1.8%
3.7%	546	569	23	4.2%
4.9%	524	543	19	3.6%
6.2%	515	527	12	2.4%
7.4%	510	518	8	1.6%
8.6%	510	510	0	0.0%
9.9%	510	510	0	0.0%
11.1%	510	510	0	0.0%
12.3%	510	510	0	0.0%
13.6%	510	510	0	0.0%
14.8%	510	510	0	0.0%
16.0%	510	510	0	0.0%
17.3%	510	510	0	0.0%
18.5%	510	510	0	0.0%
19.8%	510	510	0	