

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 Period¹												
WSIP 2030 Without Project	11,298	15,756	24,214	34,006	41,580	35,136	21,981	13,343	12,622	19,599	13,737	16,495
WSIP 2030 With Project	11,970	16,130	23,441	32,748	40,419	33,846	21,812	13,221	12,967	20,017	14,366	17,627
Difference	672	374	-774	-1,257	-1,161	-1,290	-170	-123	345	418	629	1,132
Percent Difference ²	5.9%	2.4%	-3.2%	-3.7%	-2.8%	-3.7%	-0.8%	-0.9%	2.7%	2.1%	4.6%	6.9%
Water Year Types²												
Wet (30.5%)												
WSIP 2030 Without Project	13,496	20,140	27,657	56,120	63,839	51,935	36,579	18,334	13,662	21,180	15,551	26,069
WSIP 2030 With Project	13,930	20,182	26,370	55,304	63,408	51,188	36,138	18,323	14,150	21,103	15,587	26,282
Difference	434	42	-1,287	-817	-431	-746	-441	-12	487	-77	37	213
Percent Difference	3.2%	0.2%	-4.7%	-1.5%	-0.7%	-1.4%	-1.2%	-0.1%	3.6%	-0.4%	0.2%	0.8%
Above Normal (14.6%)												
WSIP 2030 Without Project	12,670	17,961	22,790	43,213	50,832	45,704	22,237	14,655	13,087	22,476	16,115	19,034
WSIP 2030 With Project	12,996	18,293	21,895	41,697	49,616	44,738	21,904	14,394	13,105	23,061	16,199	19,666
Difference	326	332	-895	-1,516	-1,216	-966	-333	-261	18	585	84	632
Percent Difference	2.6%	1.8%	-3.9%	-3.5%	-2.4%	-2.1%	-1.5%	-1.8%	0.1%	2.6%	0.5%	3.3%
Below Normal (20.7%)												
WSIP 2030 Without Project	10,343	12,993	23,077	23,768	32,425	29,039	18,041	11,847	12,809	22,581	15,237	12,008
WSIP 2030 With Project	11,644	13,661	23,571	21,806	31,521	27,168	17,863	11,546	13,027	22,696	16,025	13,825
Difference	1,301	669	494	-1,962	-904	-1,871	-178	-301	218	115	787	1,816
Percent Difference	12.6%	5.1%	2.1%	-8.3%	-2.8%	-6.4%	-1.0%	-2.5%	1.7%	0.5%	5.2%	15.1%
Dry (19.5%)												
WSIP 2030 Without Project	11,490	16,213	29,071	17,737	27,724	22,990	11,918	10,218	12,499	17,185	11,494	10,938
WSIP 2030 With Project	12,252	16,850	28,351	16,453	25,265	20,957	11,989	10,124	12,801	18,251	12,879	12,897
Difference	761	637	-720	-1,284	-2,459	-2,033	71	-94	302	1,066	1,385	1,959
Percent Difference	6.6%	3.9%	-2.5%	-7.2%	-8.9%	-8.8%	0.6%	-0.9%	2.4%	6.2%	12.0%	17.9%
Critical (14.6%)												
WSIP 2030 Without Project	6,446	7,726	13,601	14,922	17,402	14,406	10,316	7,919	9,888	12,420	8,446	7,777
WSIP 2030 With Project	6,947	8,064	12,150	14,038	16,140	13,472	10,565	7,919	10,503	13,271	9,624	9,249
Difference	501	338	-1,451	-884	-1,262	-934	249	0	616	851	1,178	1,472
Percent Difference	7.8%	4.4%	-10.7%	-5.9%	-7.3%	-6.5%	2.4%	0.0%	6.2%	6.9%	14.0%	18.9%

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

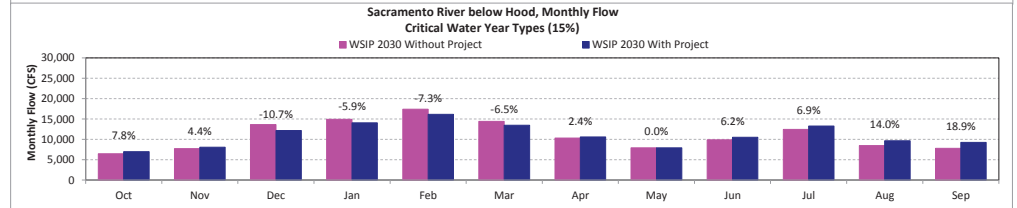
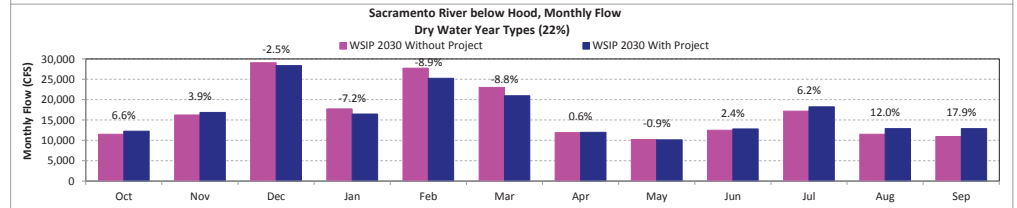
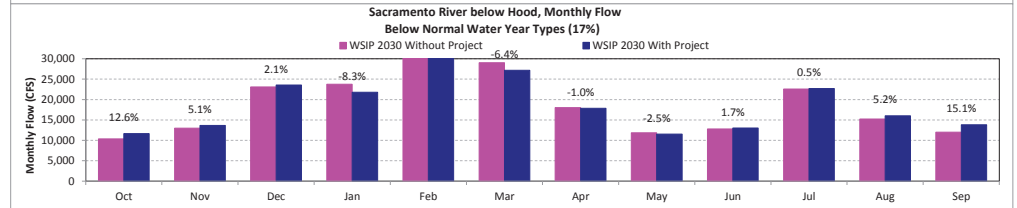
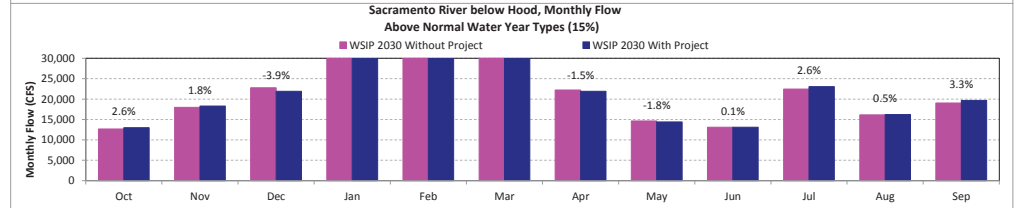
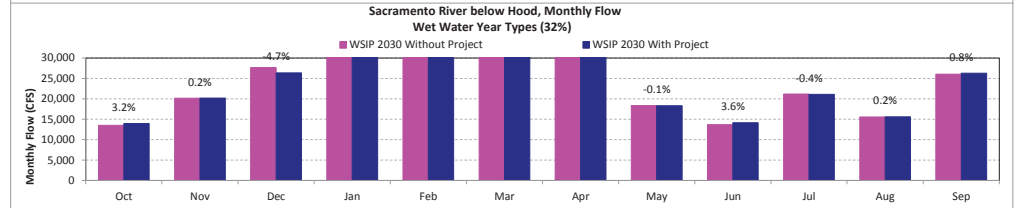
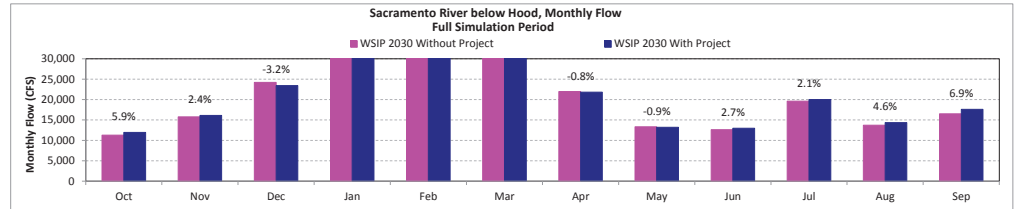


Table SW-31-a
Yolo Bypass, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2030 Without Project	227	456	4,223	12,025	17,725	9,988	2,576	139	82	48	107	90
WSIP 2030 With Project	457	444	4,010	11,463	17,043	9,495	2,471	130	82	53	273	331
Difference	230	-11	-213	-562	-682	-493	-104	-9	1	5	166	241
Percent Difference ²		-2.5%	-5.0%	-4.7%	-3.8%	-4.9%	-4.0%					
Water Year Types²												
Wet (30.5%)												
WSIP 2030 Without Project	88	531	4,276	33,937	46,143	25,531	7,055	240	117	48	150	135
WSIP 2030 With Project	365	447	4,226	32,800	45,176	24,679	6,882	210	120	48	307	447
Difference	277	-84	-50	-1,137	-967	-852	-173	-31	3	0	156	312
Percent Difference		-1.2%	-3.4%	-2.1%	-3.3%	-2.5%						
Above Normal (14.6%)												
WSIP 2030 Without Project	39	970	3,154	8,997	14,753	11,228	1,327	185	66	48	95	67
WSIP 2030 With Project	345	965	2,622	7,910	13,569	10,755	1,120	185	66	80	355	423
Difference	306	-5	-532	-1,087	-1,184	-473	-206	0	0	32	260	356
Percent Difference		-0.6%	-16.9%	-12.1%	-8.0%	-4.2%	-15.6%					
Below Normal (20.7%)												
WSIP 2030 Without Project	41	138	3,398	1,274	5,193	1,403	756	76	66	48	103	80
WSIP 2030 With Project	272	145	3,191	1,070	4,455	1,092	653	76	66	48	287	357
Difference	230	7	-207	-204	-738	-311	-103	0	0	0	184	276
Percent Difference		5.3%	-6.1%	-16.0%	-14.2%	-22.2%	-13.6%					
Dry (19.5%)												
WSIP 2030 Without Project	923	614	8,664	258	1,886	1,162	299	67	67	48	63	65
WSIP 2030 With Project	1,192	683	8,349	192	1,574	796	299	67	67	48	282	233
Difference	269	70	-315	-66	-312	-366	0	0	0	0	220	168
Percent Difference	29.1%	11.3%	-3.6%	-25.7%	-16.5%	-31.5%	0.0%					
Critical (14.6%)												
WSIP 2030 Without Project	41	22	432	320	363	300	107	68	64	48	92	67
WSIP 2030 With Project	45	22	327	314	364	108	107	68	64	48	87	96
Difference	4	0	-105	-6	0	-192	0	0	0	0	-5	29
Percent Difference	8.6%	-1.0%	-24.3%	-1.8%	0.1%	-64.1%	0.0%	0.0%	0.0%	0.0%	-5.9%	43.6%

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

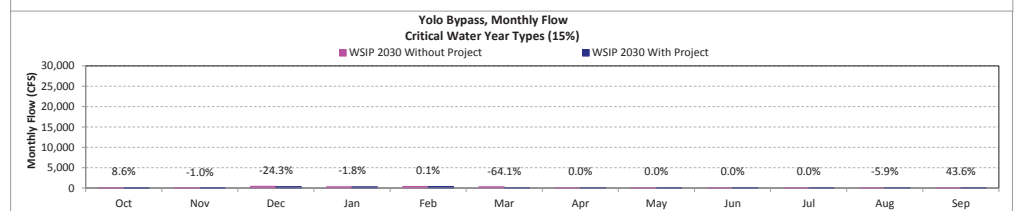
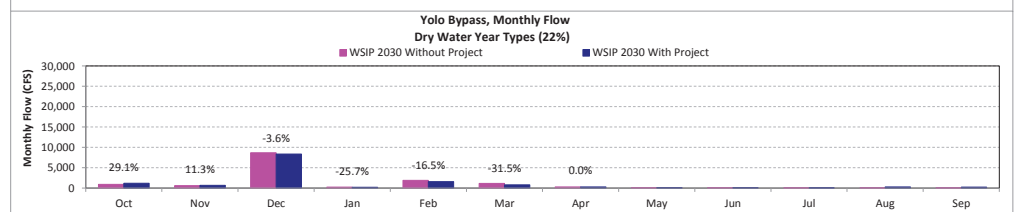
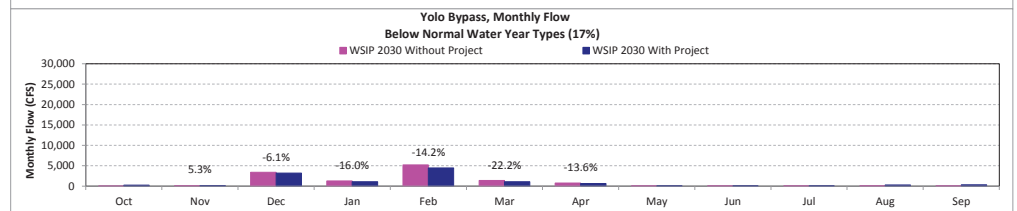
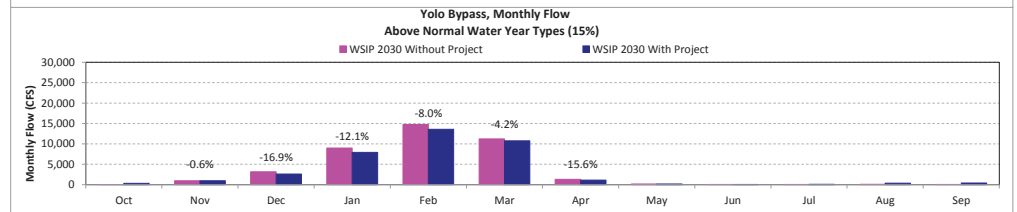
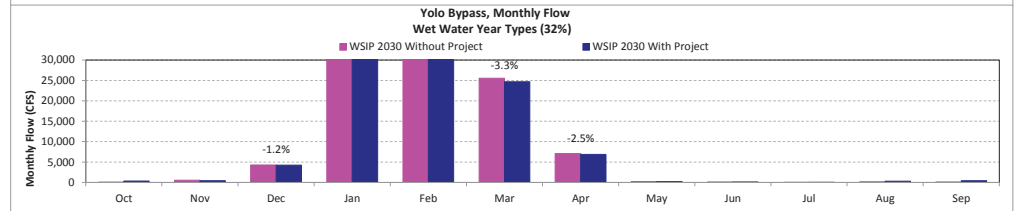
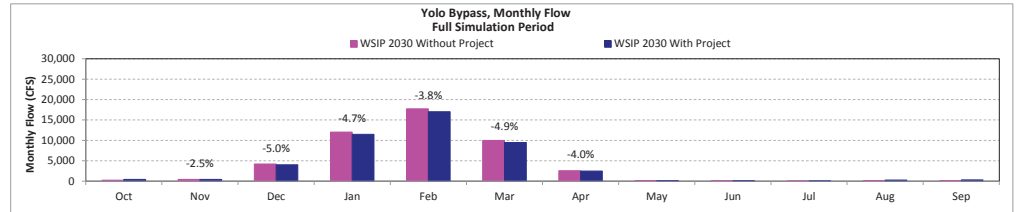


Table SW-32-a
Sacramento River at Rio Vista, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2030 Without Project	6,965	12,054	23,666	40,883	53,054	39,355	20,195	10,000	6,921	11,159	7,599	10,669
WSIP 2030 With Project	7,733	12,394	22,720	39,229	51,362	37,742	19,944	9,885	7,165	11,506	8,194	11,685
Difference	768	339	-945	-1,654	-1,692	-1,612	-252	-115	243	347	595	1,016
Percent Difference ²	11.0%	2.8%	-4.0%	-4.0%	-3.2%	-4.1%	-1.2%	-1.2%	3.5%	3.1%	7.8%	9.5%
Water Year Types²												
Wet (30.5%)												
WSIP 2030 Without Project	8,664	16,284	26,646	82,489	100,991	69,664	37,460	14,454	7,855	12,226	8,863	19,413
WSIP 2030 With Project	9,338	16,327	25,373	80,643	99,650	68,163	36,904	14,414	8,206	12,363	9,045	19,910
Difference	674	43	-1,273	-1,846	-1,341	-1,500	-556	-41	351	136	182	497
Percent Difference	7.8%	0.3%	-4.8%	-2.2%	-1.3%	-2.2%	-1.5%	-0.3%	4.5%	1.1%	2.1%	2.6%
Above Normal (14.6%)												
WSIP 2030 Without Project	7,567	14,332	21,282	46,023	58,321	49,712	19,131	11,177	7,160	13,108	9,223	11,378
WSIP 2030 With Project	8,275	14,634	19,902	43,619	56,080	48,401	18,636	10,950	7,172	13,538	9,544	12,165
Difference	708	302	-1,380	-2,404	-2,240	-1,312	-495	-227	12	430	320	787
Percent Difference	9.4%	2.1%	-6.5%	-5.2%	-3.8%	-2.6%	-2.6%	-2.0%	0.2%	3.3%	3.5%	6.9%
Below Normal (20.7%)												
WSIP 2030 Without Project	5,715	9,112	21,800	20,996	32,460	25,438	14,912	8,640	6,958	13,170	8,633	6,647
WSIP 2030 With Project	7,005	9,888	21,982	19,088	30,938	23,502	14,654	8,378	7,110	13,248	9,351	8,161
Difference	1,290	576	182	-1,907	-1,523	-1,936	-257	-261	152	78	718	1,514
Percent Difference	22.6%	6.3%	0.8%	-9.1%	-4.7%	-7.6%	-1.7%	-3.0%	2.2%	0.6%	8.3%	22.8%
Dry (19.5%)												
WSIP 2030 Without Project	8,109	12,531	32,562	14,650	25,065	19,882	9,144	7,189	6,716	9,527	5,999	5,893
WSIP 2030 With Project	8,880	13,200	31,620	13,469	22,612	17,755	9,206	7,108	6,924	10,253	7,162	7,379
Difference	771	669	-942	-1,182	-2,452	-2,127	62	-81	208	726	1,163	1,485
Percent Difference	9.5%	5.3%	-2.9%	-8.1%	-9.8%	-10.7%	0.7%	-1.1%	3.1%	7.6%	19.4%	25.2%
Critical (14.6%)												
WSIP 2030 Without Project	3,072	4,498	10,620	12,214	14,409	11,531	7,511	5,217	4,961	6,313	4,013	3,809
WSIP 2030 With Project	3,352	4,716	9,190	11,441	13,311	10,530	7,727	5,220	5,387	6,891	4,813	4,803
Difference	280	218	-1,430	-773	-1,099	-1,001	216	3	426	578	800	994
Percent Difference	9.1%	4.8%	-13.5%	-6.3%	-7.6%	-8.7%	2.9%	0.1%	8.6%	9.1%	19.9%	26.1%

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

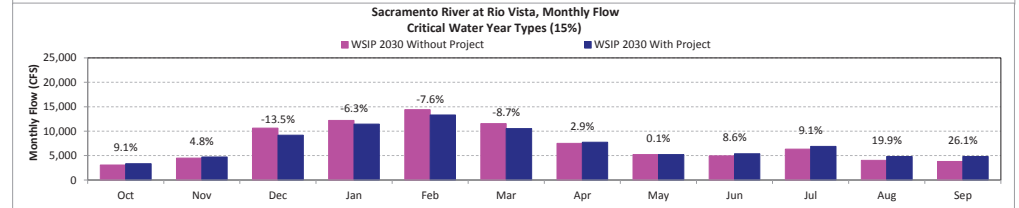
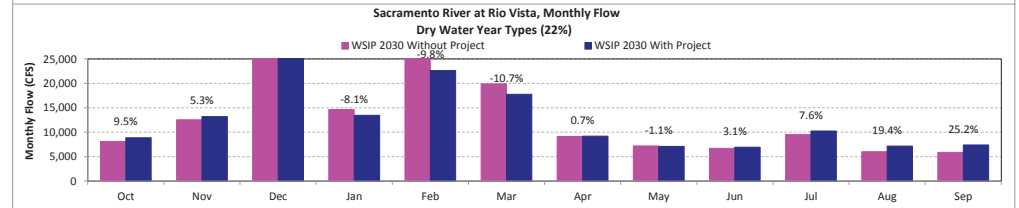
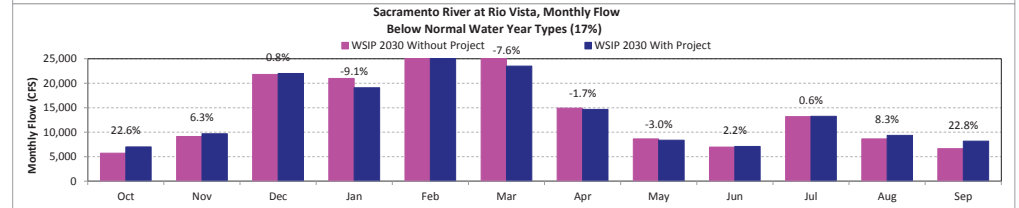
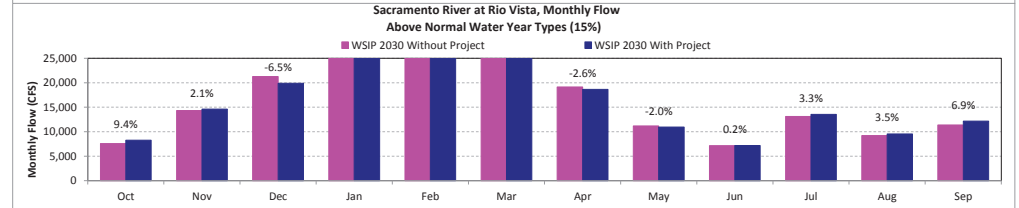
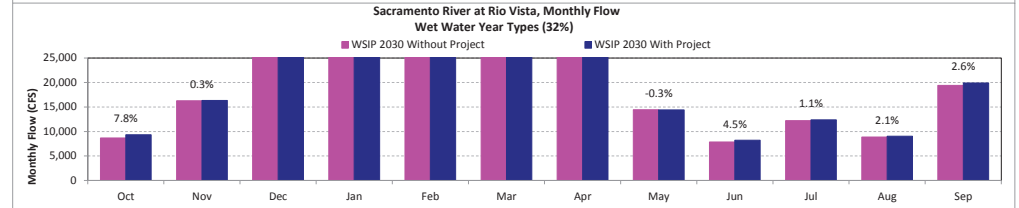
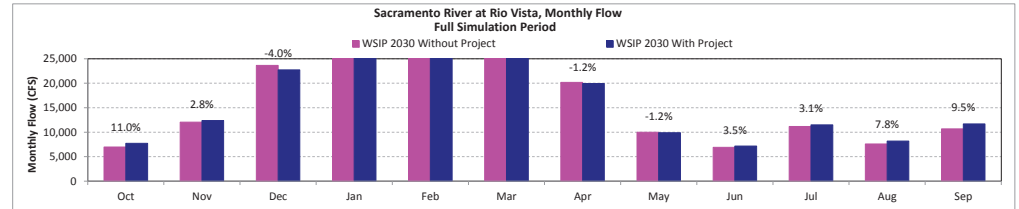


Table SW-33-a
Sacramento/San Joaquin River Delta, Monthly Outflow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Outflow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2030 Without Project	6,897	11,525	25,347	48,708	63,736	48,732	29,976	16,061	7,978	8,475	4,067	9,332
WSIP 2030 With Project	7,372	11,482	24,296	46,938	62,116	47,046	29,695	15,918	8,308	8,473	4,276	9,752
Difference	475	-43	-1,051	-1,770	-1,620	-1,686	-281	-143	329	-1	209	420
Percent Difference ²	6.9%	-0.4%	-4.1%	-3.6%	-2.5%	-3.5%	-0.9%	-0.9%	4.1%	0.0%	5.2%	4.5%
Water Year Types²												
Wet (30.5%)												
WSIP 2030 Without Project	9,646	17,082	28,927	101,465	121,221	88,368	55,531	26,691	10,581	11,013	4,127	19,384
WSIP 2030 With Project	9,915	16,747	27,543	99,569	119,831	86,742	54,863	26,625	11,008	10,892	4,275	19,735
Difference	269	-335	-1,384	-1,896	-1,390	-1,626	-668	-65	426	-121	148	351
Percent Difference	2.8%	-2.0%	-4.8%	-1.9%	-1.1%	-1.8%	-1.2%	-0.2%	4.0%	-1.1%	3.6%	1.8%
Above Normal (14.6%)												
WSIP 2030 Without Project	7,344	13,104	19,548	55,217	70,662	61,187	29,671	17,395	7,373	11,452	4,021	11,133
WSIP 2030 With Project	7,671	13,208	18,032	52,802	68,726	59,805	29,125	17,103	7,294	11,682	4,271	11,536
Difference	327	104	-1,516	-2,416	-1,937	-1,382	-546	-292	-79	230	250	403
Percent Difference	4.5%	0.8%	-7.8%	-4.4%	-2.7%	-2.3%	-1.8%	-1.7%	-1.1%	2.0%	6.2%	3.6%
Below Normal (20.7%)												
WSIP 2030 Without Project	4,369	7,100	22,973	23,888	40,056	31,116	23,204	13,261	6,814	8,794	4,050	3,455
WSIP 2030 With Project	5,269	7,201	23,192	21,734	38,929	29,045	22,923	12,957	7,025	8,735	4,311	4,174
Difference	899	101	220	-2,155	-1,127	-2,071	-281	-305	211	-59	260	718
Percent Difference	20.6%	1.4%	1.0%	-9.0%	-2.8%	-6.7%	-1.2%	-2.3%	3.1%	-0.7%	6.4%	20.8%
Dry (19.5%)												
WSIP 2030 Without Project	7,835	11,915	37,913	15,422	29,434	22,586	13,147	8,960	7,006	5,278	4,142	3,262
WSIP 2030 With Project	8,403	12,269	36,559	14,086	26,700	20,500	13,240	8,856	7,301	5,255	4,502	3,663
Difference	568	354	-1,354	-1,336	-2,733	-2,086	93	-104	295	-23	360	401
Percent Difference	7.2%	3.0%	-3.6%	-8.7%	-9.3%	-9.2%	0.7%	-1.2%	4.2%	-0.4%	8.7%	12.3%
Critical (14.6%)												
WSIP 2030 Without Project	3,054	4,116	10,299	11,834	16,331	13,518	9,070	6,014	6,106	4,020	3,908	3,010
WSIP 2030 With Project	3,380	3,801	9,009	10,937	15,336	12,481	9,365	6,037	6,855	4,147	3,933	3,193
Difference	326	-316	-1,290	-897	-995	-1,037	295	23	749	127	25	183
Percent Difference	10.7%	-7.7%	-12.5%	-7.6%	-6.1%	-7.7%	3.3%	0.4%	12.3%	3.2%	0.6%	6.1%

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

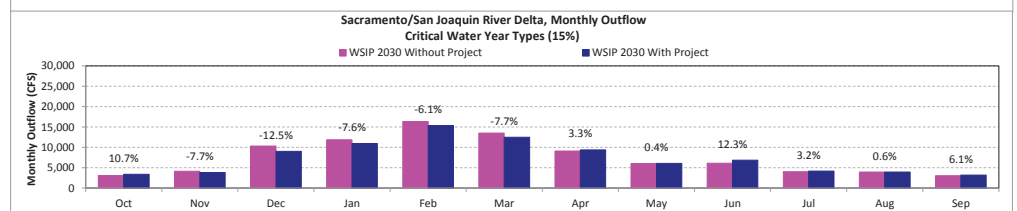
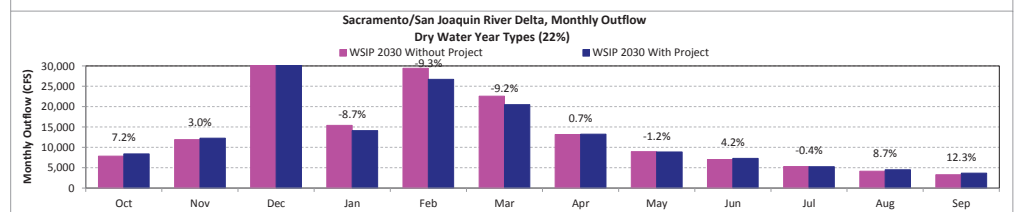
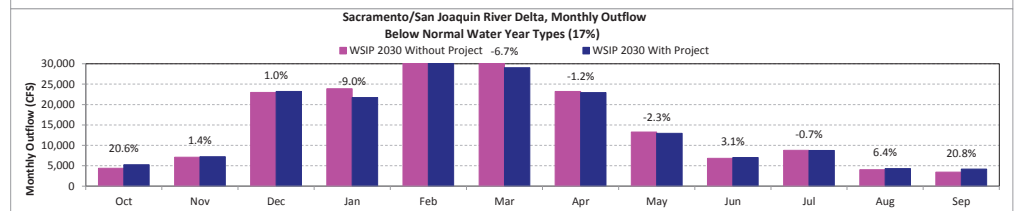
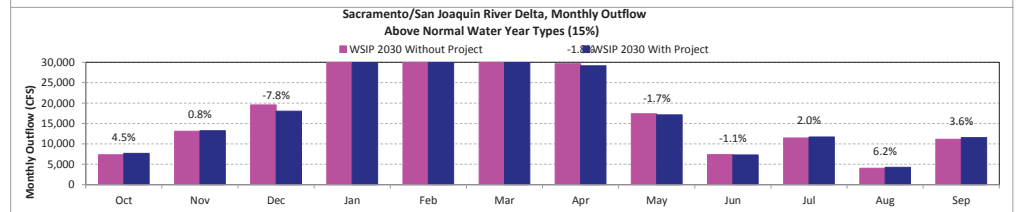
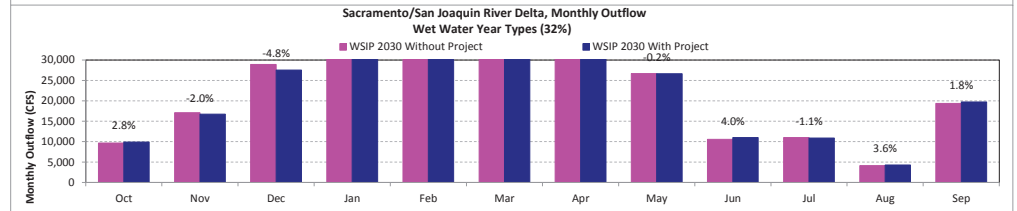
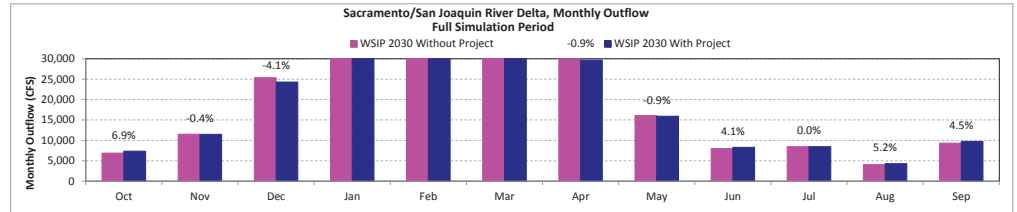


Table SW-34-a
Delta Cross Channel, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2030 Without Project	4,184	3,887	4,674	5,577	6,574	5,726	3,995	2,858	4,741	7,341	5,473	5,389
WSIP 2030 With Project	4,301	3,903	4,630	5,412	6,421	5,556	3,972	2,842	4,841	7,416	5,673	5,737
Difference	117	16	-44	-165	-153	-170	-22	-16	100	75	201	349
Percent Difference ²	2.8%	0.4%	-0.9%	-3.0%	-2.3%	-3.0%	-0.6%	-0.6%	2.1%	1.0%	3.7%	6.5%
Water Year Types³												
Wet (30.5%)												
WSIP 2030 Without Project	4,493	4,126	5,148	8,487	9,503	7,937	5,916	3,515	4,904	7,845	6,051	6,245
WSIP 2030 With Project	4,531	4,041	5,084	8,380	9,446	7,838	5,858	3,513	5,042	7,630	6,062	6,273
Difference	38	-85	-64	-107	-57	-98	-58	-2	138	-215	12	28
Percent Difference	0.8%	-2.1%	-1.3%	-1.3%	-0.6%	-1.2%	-1.0%	0.0%	2.8%	-2.7%	0.2%	0.4%
Above Normal (14.6%)												
WSIP 2030 Without Project	4,731	4,308	4,574	6,789	7,791	7,117	4,028	3,031	4,940	8,258	6,230	7,161
WSIP 2030 With Project	4,656	4,332	4,529	6,589	7,631	6,990	3,985	2,996	4,945	8,444	6,257	7,362
Difference	-75	25	-45	-200	-160	-127	-44	-34	5	186	27	202
Percent Difference	-1.6%	0.6%	-1.0%	-2.9%	-2.1%	-1.8%	-1.1%	-1.1%	0.1%	2.3%	0.4%	2.8%
Below Normal (20.7%)												
WSIP 2030 Without Project	4,271	3,731	4,553	4,230	5,369	4,924	3,476	2,661	4,858	8,291	5,951	4,922
WSIP 2030 With Project	4,507	3,830	4,653	3,972	5,250	4,677	3,453	2,622	4,922	8,328	6,202	5,500
Difference	236	100	100	-258	-119	-246	-23	-40	64	37	251	579
Percent Difference	5.5%	2.7%	2.2%	-6.1%	-2.2%	-5.0%	-0.7%	-1.5%	1.3%	0.4%	4.2%	11.8%
Dry (19.5%)												
WSIP 2030 Without Project	3,975	4,042	5,174	3,436	4,750	4,127	2,670	2,447	4,767	6,572	4,758	4,580
WSIP 2030 With Project	4,211	4,063	5,072	3,267	4,427	3,860	2,680	2,434	4,856	6,911	5,199	5,205
Difference	235	21	-102	-169	-324	-267	9	-12	89	340	441	624
Percent Difference	5.9%	0.5%	-2.0%	-4.9%	-6.8%	-6.5%	0.4%	-0.5%	1.9%	5.2%	9.3%	13.6%
Critical (14.6%)												
WSIP 2030 Without Project	3,149	2,984	3,292	3,066	3,302	2,998	2,460	2,144	4,000	5,053	3,786	3,573
WSIP 2030 With Project	3,295	3,078	3,167	2,949	3,226	2,875	2,492	2,144	4,181	5,324	4,162	4,042
Difference	146	94	-125	-116	-166	-123	33	0	181	271	376	469
Percent Difference	4.6%	3.2%	-3.8%	-3.8%	-4.9%	-4.1%	1.3%	0.0%	4.5%	5.4%	9.9%	13.1%

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

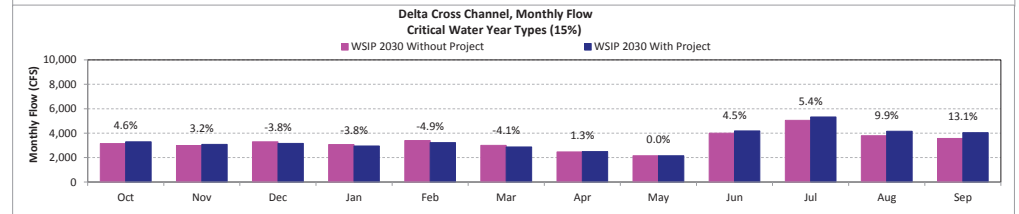
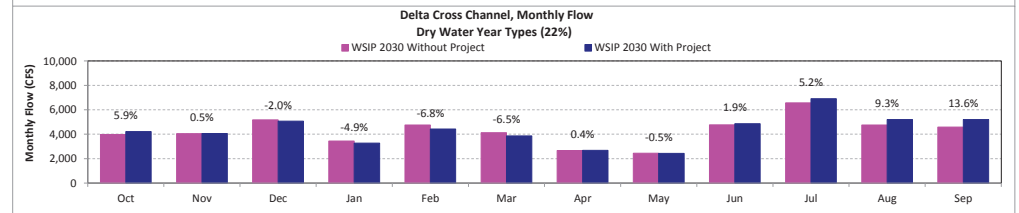
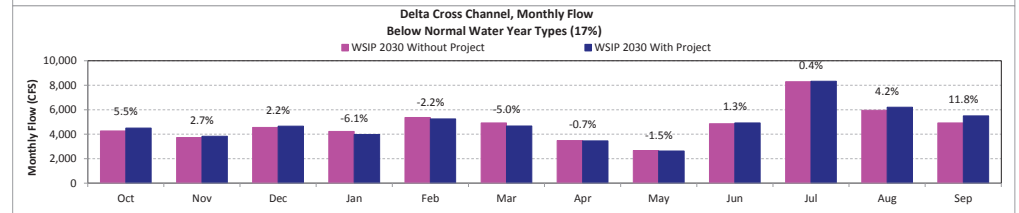
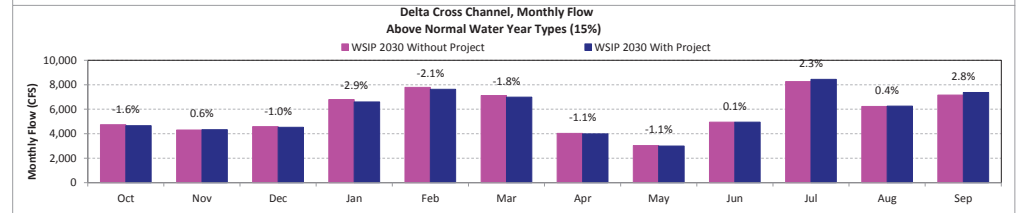
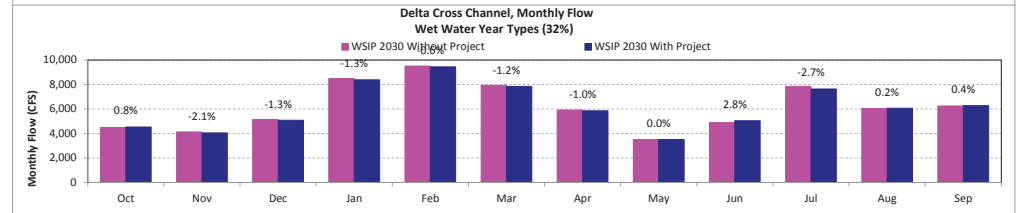
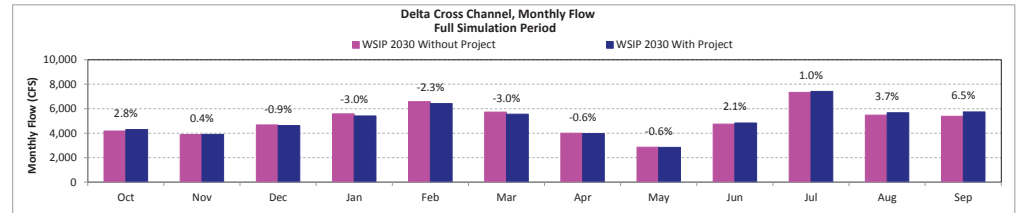


Table SW-35-a
Old and Middle River, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2030 Without Project	-5,543	-6,584	-5,724	-3,122	-2,435	-2,307	1,083	498	-3,577	-8,666	-8,261	-7,029
WSIP 2030 With Project	-5,922	-6,952	-5,780	-3,079	-2,225	-2,216	1,079	490	-3,585	-9,064	-8,807	-7,905
Difference	-379	-367	-56	43	209	91	-4	-8	-8	-398	-546	-876
Percent Difference ²							-0.3%	-1.5%				
Water Year Types²												
Wet (30.5%)												
WSIP 2030 Without Project	-5,333	-6,563	-6,309	-1,209	-1,428	-460	3,141	2,275	-4,188	-8,628	-10,318	-7,348
WSIP 2030 With Project	-5,736	-6,830	-6,353	-1,150	-1,416	-472	3,099	2,256	-4,237	-8,671	-10,373	-7,501
Difference	-402	-267	-44	59	12	-12	-43	-19	-48	-43	-55	-154
Percent Difference							-1.4%	-0.8%				
Above Normal (14.6%)												
WSIP 2030 Without Project	-6,364	-7,229	-7,609	-3,503	-2,998	-3,154	1,404	739	-4,335	-8,481	-10,506	-7,277
WSIP 2030 With Project	-6,650	-7,439	-7,688	-3,314	-2,541	-3,098	1,401	722	-4,428	-8,776	-10,606	-7,875
Difference	-286	-209	-79	189	457	56	-3	-17	-93	-295	-100	-598
Percent Difference							-0.2%	-2.2%				
Below Normal (20.7%)												
WSIP 2030 Without Project	-6,769	-7,331	-5,520	-3,637	-2,729	-3,492	556	124	-4,034	-10,690	-9,461	-8,128
WSIP 2030 With Project	-7,348	-7,858	-5,579	-3,637	-2,245	-3,390	554	122	-4,039	-10,855	-10,119	-9,390
Difference	-578	-527	-59	0	484	102	-2	-2	-4	-165	-658	-1,262
Percent Difference							-0.4%	-1.5%				
Dry (19.5%)												
WSIP 2030 Without Project	-5,335	-6,975	-4,339	-4,283	-2,965	-3,436	-314	-865	-3,058	-9,010	-5,848	-7,045
WSIP 2030 With Project	-5,747	-7,282	-4,624	-4,283	-2,926	-3,150	-295	-875	-3,059	-10,050	-6,994	-8,618
Difference	-412	-307	-285	0	39	286	19	-10	-1	-1,040	-1,146	-1,573
Percent Difference												
Critical (14.6%)												
WSIP 2030 Without Project	-3,910	-4,322	-4,577	-4,346	-2,677	-1,970	-918	-1,008	-1,542	-5,705	-3,213	-4,274
WSIP 2030 With Project	-4,019	-4,918	-4,335	-4,352	-2,427	-1,901	-873	-990	-1,398	-6,357	-4,279	-5,507
Difference	-109	-596	242	-5	250	69	44	18	145	-652	-1,065	-1,233
Percent Difference												

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 Period¹												
WSIP 2030 Without Project	6,259	7,460	8,597	7,027	7,176	7,107	2,522	2,253	4,350	9,121	8,735	7,889
WSIP 2030 With Project	6,664	7,843	8,656	6,978	6,945	7,004	2,521	2,256	4,356	9,548	9,324	8,838
Difference	405	382	59	-49	-231	-103	0	3	7	426	588	948
Percent Difference ²	6.5%	5.1%	0.7%	-0.7%	-3.2%	-1.4%	0.0%	0.1%	0.2%	4.7%	6.7%	12.0%
Water Year Types³												
Wet (30.5%)												
WSIP 2030 Without Project	6,257	7,701	10,130	9,133	10,219	9,438	3,467	3,483	6,668	10,069	11,324	8,520
WSIP 2030 With Project	6,686	7,981	10,173	9,067	10,195	9,445	3,498	3,482	6,712	10,125	11,370	8,694
Difference	429	279	44	-66	-24	7	30	-1	44	57	46	173
Percent Difference	6.9%	3.6%	0.4%	-0.7%	-0.2%	0.1%	0.9%	0.0%	0.7%	0.6%	0.4%	2.0%
Above Normal (14.6%)												
WSIP 2030 Without Project	7,004	8,219	9,807	7,425	8,266	9,155	2,321	1,728	5,043	8,920	11,245	8,337
WSIP 2030 With Project	7,310	8,421	9,899	7,249	7,803	9,092	2,320	1,724	5,139	9,295	11,345	8,938
Difference	306	202	92	-176	-463	-63	-2	-4	96	376	99	602
Percent Difference	4.4%	2.5%	0.9%	-2.4%	-5.6%	-0.7%	-0.1%	-0.2%	1.9%	4.2%	0.9%	7.2%
Below Normal (20.7%)												
WSIP 2030 Without Project	7,523	8,143	7,968	5,601	6,306	6,682	2,491	1,851	4,189	10,826	9,889	9,027
WSIP 2030 With Project	8,131	8,670	8,007	5,580	5,782	6,570	2,489	1,850	4,194	11,005	10,601	10,398
Difference	608	527	39	-21	-524	-112	-3	-1	5	179	712	1,371
Percent Difference	8.1%	6.5%	0.5%	-0.4%	-8.3%	-1.7%	-0.1%	0.0%	0.1%	1.6%	7.2%	15.2%
Dry (19.5%)												
WSIP 2030 Without Project	5,900	7,851	8,111	5,949	4,922	5,401	1,914	1,689	2,873	8,938	5,927	7,786
WSIP 2030 With Project	6,329	8,174	8,425	5,945	4,884	5,088	1,906	1,713	2,875	10,024	7,171	9,486
Difference	429	322	314	-3	-39	-314	-8	24	2	1,086	1,244	1,700
Percent Difference	7.3%	4.1%	3.9%	-0.1%	-0.8%	-5.8%	-0.4%	1.4%	0.1%	12.2%	21.0%	21.8%
Critical (14.6%)												
WSIP 2030 Without Project	4,205	4,711	5,735	5,700	3,983	3,079	1,604	1,537	1,021	5,178	2,944	4,652
WSIP 2030 With Project	4,343	5,364	5,480	5,712	3,709	3,004	1,555	1,534	870	5,897	4,102	5,962
Difference	137	653	-254	13	-274	-76	-49	-3	-151	718	1,157	1,310
Percent Difference	3.3%	13.9%	-4.4%	0.2%	-6.9%	-2.5%	-3.1%	-0.2%	-14.8%	13.9%	39.3%	28.2%

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 2030 Without Project	3,250	3,433	3,732	3,179	3,126	2,912	1,250	1,107	2,269	3,465	3,614	3,532
WSIP 2030 With Project	3,221	3,576	3,722	3,146	2,828	2,897	1,258	1,088	2,181	3,545	3,958	3,923
Difference	-29	143	-10	-33	-298	-15	8	-20	-88	80	344	391
Percent Difference ²	-0.9%	4.2%	-0.3%	-1.0%	-9.5%	-0.5%	0.7%	-1.8%	-3.9%	2.3%	9.5%	11.1%
Water Year Types²												
Wet (30.5%)												
WSIP 2030 Without Project	3,052	3,356	4,080	3,690	4,016	3,552	1,553	1,591	3,407	3,643	4,496	3,704
WSIP 2030 With Project	3,399	3,631	4,117	3,708	3,861	3,581	1,586	1,590	3,320	3,662	4,542	3,833
Difference	348	274	36	18	-155	28	33	-2	-87	19	46	129
Percent Difference	11.4%	8.2%	0.9%	0.5%	-3.9%	0.8%	2.2%	-0.1%	-2.6%	0.5%	1.0%	3.5%
Above Normal (14.6%)												
WSIP 2030 Without Project	3,257	3,258	4,198	3,233	3,611	3,676	1,169	893	2,895	2,686	4,387	3,606
WSIP 2030 With Project	3,398	3,425	4,202	3,089	3,206	3,629	1,168	891	2,750	3,124	4,486	3,997
Difference	141	167	4	-145	-405	-47	-1	-2	-146	438	99	391
Percent Difference	4.3%	5.1%	0.1%	-4.5%	-11.2%	-1.3%	-0.1%	-0.2%	-5.0%	16.3%	2.3%	10.8%
Below Normal (20.7%)												
WSIP 2030 Without Project	3,675	3,900	3,643	2,800	2,825	2,760	1,245	943	2,101	4,104	3,552	3,797
WSIP 2030 With Project	3,490	3,946	3,635	2,790	2,236	2,725	1,237	946	2,069	4,213	3,948	4,425
Difference	-185	46	-8	-10	-589	-36	-8	4	-32	109	396	628
Percent Difference	-5.0%	1.2%	-0.2%	-0.4%	-20.9%	-1.3%	-0.7%	0.4%	-1.5%	2.7%	11.2%	16.5%
Dry (19.5%)												
WSIP 2030 Without Project	3,446	3,659	3,628	3,013	2,488	2,618	1,046	863	1,460	3,557	2,882	3,523
WSIP 2030 With Project	3,126	3,668	3,609	3,008	2,470	2,576	1,053	803	1,360	3,784	3,584	4,093
Difference	-320	9	-19	-5	-18	-42	7	-60	-100	227	702	570
Percent Difference	-9.3%	0.3%	-0.5%	-0.2%	-0.7%	-1.6%	0.6%	-6.9%	-6.8%	6.4%	24.4%	16.2%
Critical (14.6%)												
WSIP 2030 Without Project	2,795	2,807	2,806	2,815	2,064	1,421	978	873	585	2,846	2,070	2,735
WSIP 2030 With Project	2,418	2,969	2,697	2,720	1,614	1,415	969	819	492	2,456	2,728	3,101
Difference	-377	162	-109	-95	-450	-6	-9	-55	-93	-389	658	366
Percent Difference	-13.5%	5.8%	-3.9%	-3.4%	-21.8%	-0.4%	-0.9%	-6.3%	-15.9%	-13.7%	31.8%	13.4%

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

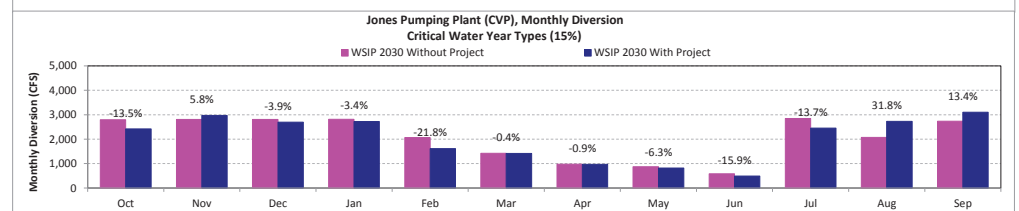
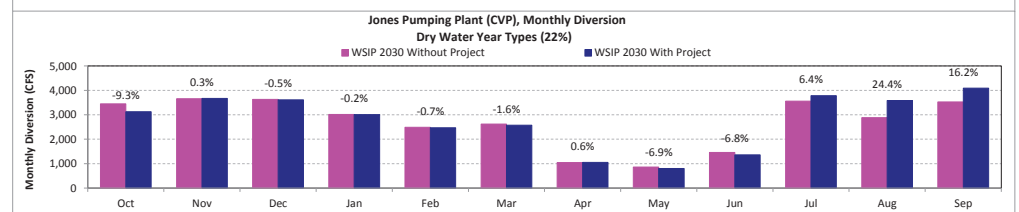
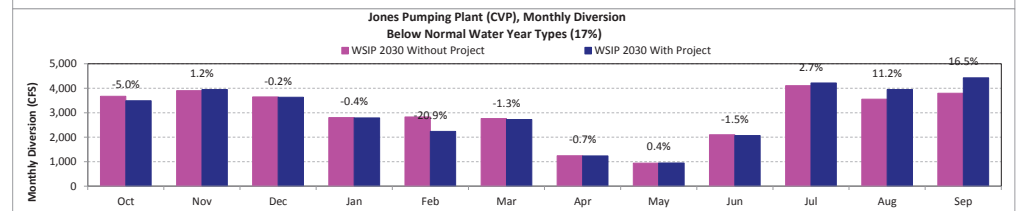
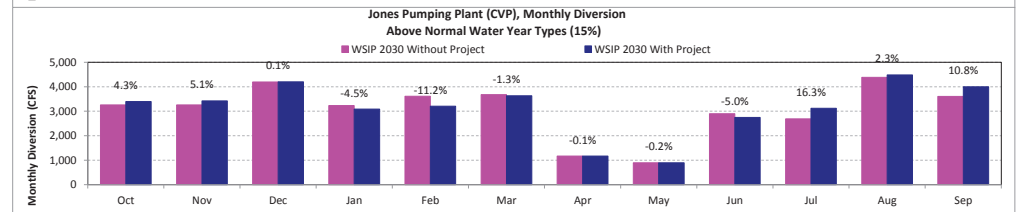
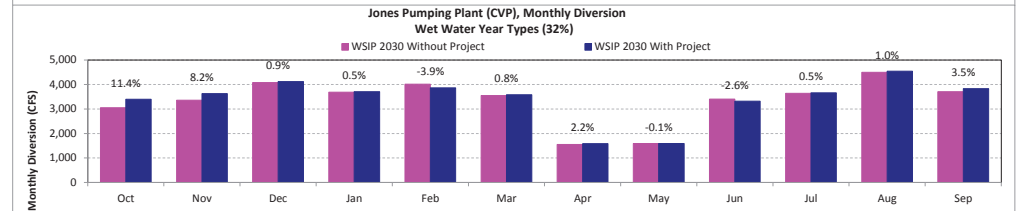
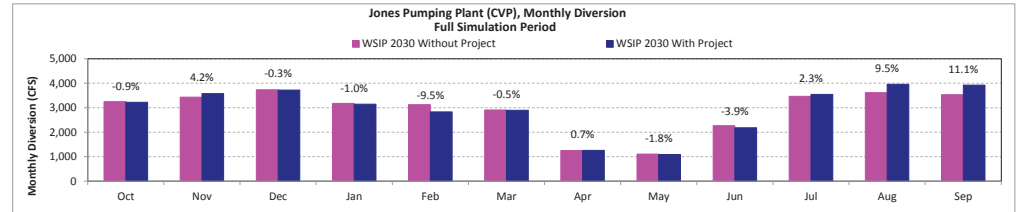


Table SW-38-a
Banks Pumping Plant (SWP and CVP), Monthly Diversion
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Diversion (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2030 Without Project	3,008	4,027	4,865	3,848	4,050	4,195	1,272	1,146	2,081	5,656	5,121	4,357
WSIP 2030 With Project	3,443	4,266	4,934	3,832	4,116	4,107	1,263	1,168	2,175	6,003	5,366	4,914
Difference	435	239	69	-16	67	-88	-9	23	94	347	244	557
Percent Difference ²	14.5%	5.9%	1.4%	-0.4%	1.6%	-2.1%	-0.7%	2.0%	4.5%	6.1%	4.8%	12.8%
Water Year Types²												
Wet (30.5%)												
WSIP 2030 Without Project	3,205	4,345	6,049	5,443	6,203	5,886	1,915	1,892	3,261	6,426	6,828	4,816
WSIP 2030 With Project	3,287	4,350	6,057	5,359	6,334	5,864	1,912	1,892	3,392	6,463	6,828	4,861
Difference	81	5	7	-84	131	-22	-3	0	131	37	0	45
Percent Difference	2.5%	0.1%	0.1%	-1.5%	2.1%	-0.4%	-0.2%	0.0%	4.0%	0.6%	0.0%	0.9%
Above Normal (14.6%)												
WSIP 2030 Without Project	3,747	4,961	5,609	4,191	4,655	5,479	1,152	835	2,148	6,234	6,859	4,731
WSIP 2030 With Project	3,912	4,996	5,698	4,160	4,596	5,463	1,151	833	2,389	6,172	6,859	4,941
Difference	165	35	89	-31	-59	-16	-1	-2	241	-62	0	211
Percent Difference	4.4%	0.7%	1.6%	-0.7%	-1.3%	-0.3%	-0.1%	-0.2%	11.2%	-1.0%	0.0%	4.5%
Below Normal (20.7%)												
WSIP 2030 Without Project	3,847	4,243	4,325	2,800	3,481	3,922	1,246	909	2,088	6,722	6,337	5,230
WSIP 2030 With Project	4,641	4,725	4,373	2,790	3,546	3,845	1,252	904	2,125	6,792	6,653	5,973
Difference	794	481	48	-10	65	-77	6	-4	36	70	316	743
Percent Difference	20.6%	11.3%	1.1%	-0.4%	1.9%	-2.0%	0.5%	-0.5%	1.7%	1.0%	5.0%	14.2%
Dry (19.5%)												
WSIP 2030 Without Project	2,454	4,192	4,483	2,936	2,434	2,784	868	826	1,413	5,381	3,045	4,263
WSIP 2030 With Project	3,203	4,505	4,816	2,937	2,414	2,512	853	910	1,514	6,241	3,587	5,393
Difference	749	313	333	2	-20	-272	-15	83	102	860	542	1,130
Percent Difference	30.5%	7.5%	7.4%	0.1%	-0.8%	-9.8%	-1.7%	10.1%	7.2%	16.0%	17.8%	26.5%
Critical (14.6%)												
WSIP 2030 Without Project	1,410	1,904	2,928	2,885	1,920	1,659	625	663	436	2,333	875	1,917
WSIP 2030 With Project	1,925	2,395	2,783	2,992	2,095	1,589	585	715	378	3,440	1,374	2,861
Difference	515	491	-145	107	176	-70	-40	52	-58	1,108	499	944
Percent Difference	36.5%	25.8%	-5.0%	3.7%	9.1%	-4.2%	-6.4%	7.8%	-13.2%	47.5%	57.1%	49.3%

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-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 2030 Without Project	2,969	3,443	4,853	3,848	4,031	4,182	1,272	1,146	2,060	5,414	4,801	4,152
WSIP 2030 With Project	3,384	3,722	4,919	3,832	4,102	4,106	1,263	1,168	2,173	5,785	5,015	4,752
Difference	415	279	65	-16	71	-77	-9	23	113	371	213	600
Percent Difference ²	14.0%	8.1%	1.3%	-0.4%	1.8%	-1.8%	-0.7%	2.0%	5.5%	6.8%	4.4%	14.4%
Water Year Types²												
Wet (30.5%)												
WSIP 2030 Without Project	3,205	3,146	6,015	5,443	6,143	5,843	1,915	1,892	3,199	6,299	6,666	4,816
WSIP 2030 With Project	3,287	3,215	6,014	5,359	6,296	5,864	1,912	1,892	3,392	6,308	6,631	4,861
Difference	81	69	-1	-84	154	21	-3	0	193	9	-35	45
Percent Difference	2.5%	2.2%	0.0%	-1.5%	2.5%	0.4%	-0.2%	0.0%	6.0%	0.1%	-0.5%	0.9%
Above Normal (14.6%)												
WSIP 2030 Without Project	3,747	3,511	5,600	4,191	4,655	5,479	1,152	835	2,148	6,167	6,623	4,731
WSIP 2030 With Project	3,912	3,643	5,683	4,160	4,596	5,453	1,151	833	2,389	6,116	6,680	4,941
Difference	165	131	83	-31	-59	-26	-1	-2	241	-51	57	211
Percent Difference	4.4%	3.7%	1.5%	-0.7%	-1.3%	-0.5%	-0.1%	-0.2%	11.2%	-0.8%	0.9%	4.5%
Below Normal (20.7%)												
WSIP 2030 Without Project	3,705	4,212	4,325	2,800	3,481	3,922	1,246	909	2,078	6,515	5,847	4,507
WSIP 2030 With Project	4,388	4,725	4,373	2,790	3,533	3,845	1,252	904	2,115	6,529	6,204	5,445
Difference	683	512	48	-10	52	-77	6	-4	36	14	357	938
Percent Difference	18.4%	12.2%	1.1%	-0.4%	1.5%	-2.0%	0.5%	-0.5%	1.8%	0.2%	6.1%	20.8%
Dry (19.5%)												
WSIP 2030 Without Project	2,404	4,192	4,483	2,936	2,434	2,784	868	826	1,413	4,864	2,550	4,112
WSIP 2030 With Project	3,177	4,505	4,816	2,937	2,413	2,512	853	910	1,514	5,919	2,865	5,278
Difference	772	313	333	2	-21	-272	-15	83	102	1,055	315	1,166
Percent Difference	32.1%	7.5%	7.4%	0.1%	-0.9%	-9.8%	-1.7%	10.1%	7.2%	21.7%	12.3%	28.4%
Critical (14.6%)												
WSIP 2030 Without Project	1,410	1,904	2,928	2,885	1,920	1,659	625	663	436	1,992	616	1,741
WSIP 2030 With Project	1,912	2,395	2,783	2,992	2,095	1,589	585	715	378	3,131	1,161	2,653
Difference	501	491	-145	107	176	-70	-40	52	-58	1,139	545	912
Percent Difference	35.6%	25.8%	-5.0%	3.7%	9.1%	-4.2%	-6.4%	7.8%	-13.2%	57.2%	88.5%	52.4%

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

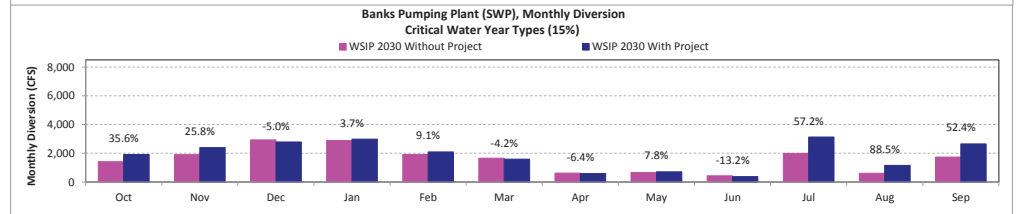
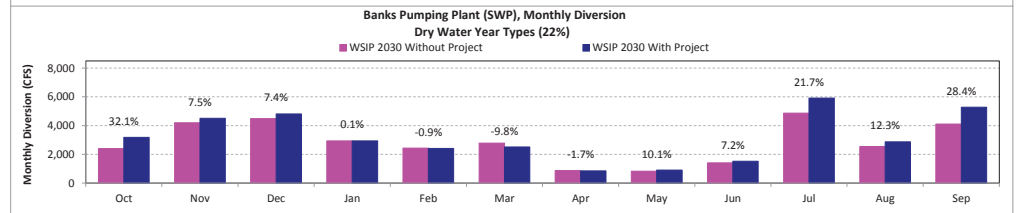
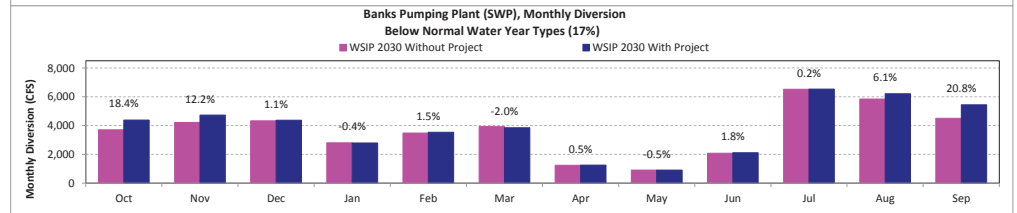
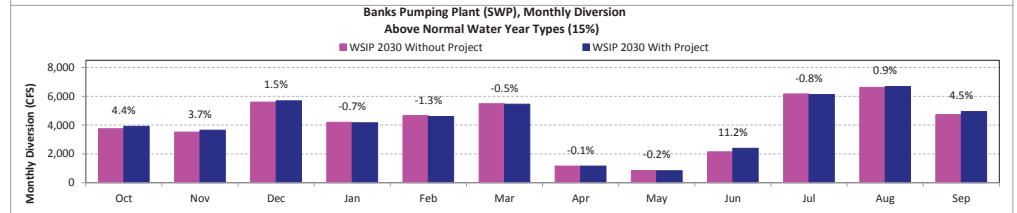
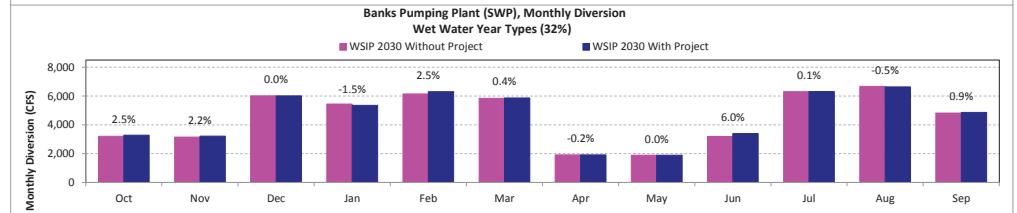
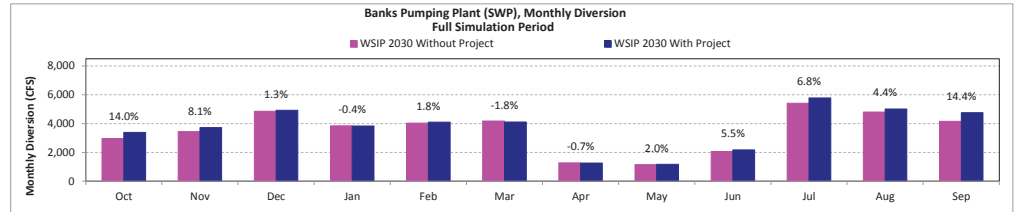


Table SW-40-a
Banks Pumping Plant (CVP), Monthly Diversion
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Diversion (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
WSIP 2030 Without Project	33	518	7	0	18	13	0	0	19	95	107	102
WSIP 2030 With Project	51	483	8	0	12	1	0	0	0	66	145	72
Difference	18	-35	1	0	-7	-12	0	0	-19	-29	38	-30
Percent Difference ²	54.8%	-6.8%			-37.8%	-88.8%			-100.0%	-30.9%	35.8%	-29.3%
Water Year Types²												
Wet (30.5%)												
WSIP 2030 Without Project	0	1,084	24	0	61	43	0	0	62	59	14	0
WSIP 2030 With Project	0	1,017	28	0	38	0	0	0	0	83	49	0
Difference	0	-67	4	0	-23	-43	0	0	-62	24	35	0
Percent Difference		-6.2%	18.1%		-37.8%	-100.0%			-100.0%	40.5%		
Above Normal (14.6%)												
WSIP 2030 Without Project	0	1,236	0	0	0	0	0	0	0	0	56	0
WSIP 2030 With Project	0	1,181	0	0	0	10	0	0	0	1	0	0
Difference	0	-56	0	0	0	10	0	0	0	1	-56	0
Percent Difference		-4.5%									-100.0%	
Below Normal (20.7%)												
WSIP 2030 Without Project	132	31	0	0	0	0	0	0	0	0	202	484
WSIP 2030 With Project	245	0	0	0	0	0	0	0	0	16	184	349
Difference	113	-31	0	0	0	0	0	0	0	16	-18	-135
Percent Difference	85.0%	-100.0%									-8.9%	-28.0%
Dry (19.5%)												
WSIP 2030 Without Project	27	0	0	0	0	0	0	0	0	260	230	10
WSIP 2030 With Project	0	0	0	0	0	0	0	0	0	55	428	0
Difference	-27	0	0	0	0	0	0	0	0	-205	198	-10
Percent Difference	-100.0%									-78.9%	86.1%	-100.0%
Critical (14.6%)												
WSIP 2030 Without Project	0	0	0	0	0	0	0	0	0	183	53	0
WSIP 2030 With Project	0	0	0	0	0	0	0	0	0	181	59	0
Difference	0	0	0	0	0	0	0	0	0	-2	6	0
Percent Difference										-1.1%	11.5%	

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

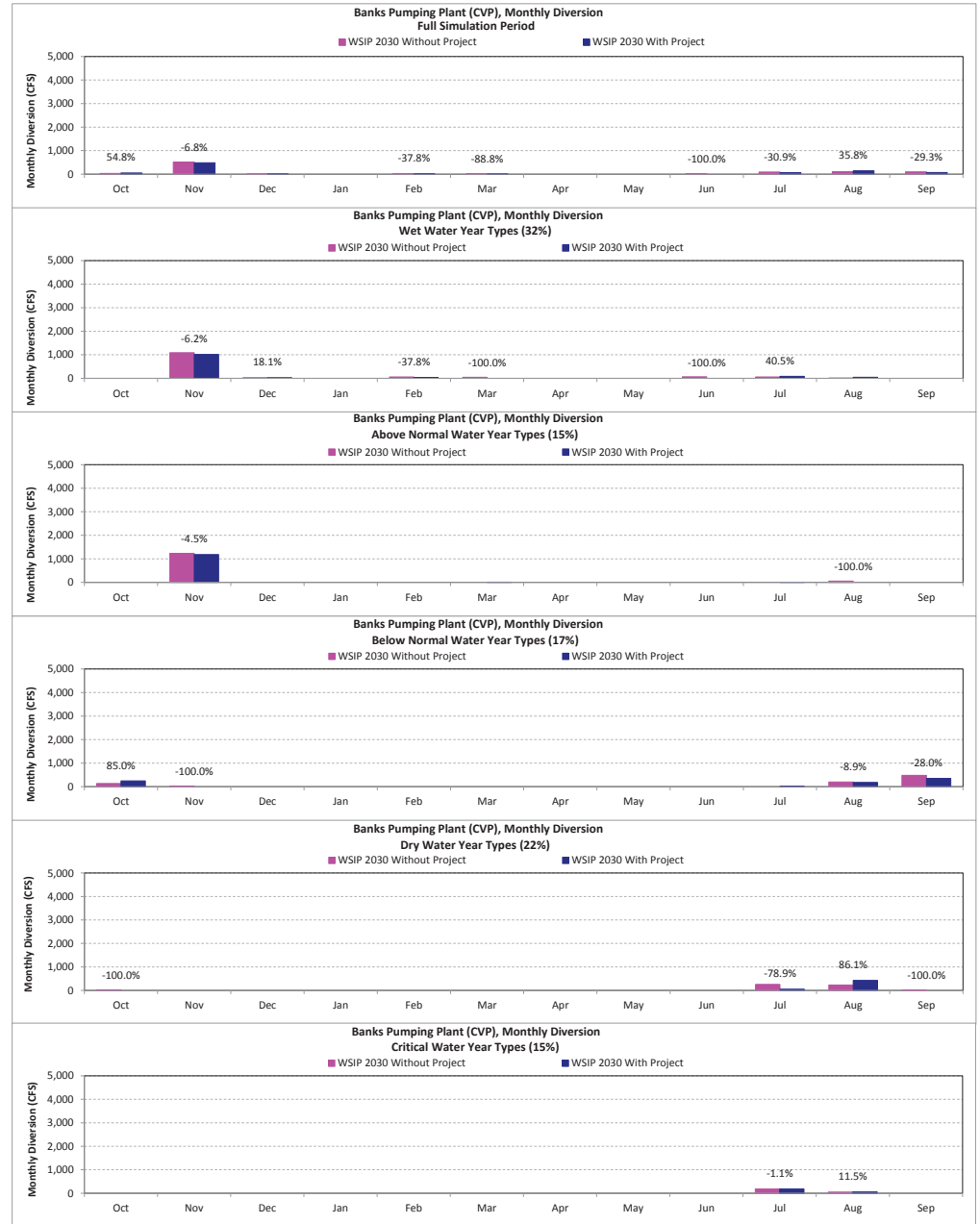


Table SW-41-a
San Luis Reservoir (SWP and CVP), End of Month Storage
Long-term Average and Average by Water Year Type

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 2030 Without Project	457	596	863	1,155	1,385	1,577	1,429	1,136	780	631	492	462
WSIP 2030 With Project	496	643	902	1,186	1,399	1,581	1,428	1,122	749	609	491	500
Difference	39	47	39	31	14	4	-2	-14	-31	-21	0	37
Percent Difference ²	8.6%	7.9%	4.5%	2.7%	1.0%	0.3%	-0.1%	-1.3%	-4.0%	-3.4%	0.0%	8.1%
Water Year Types²												
Wet (30.5%)												
WSIP 2030 Without Project	497	548	812	1,329	1,674	1,905	1,722	1,394	1,047	802	671	595
WSIP 2030 With Project	486	548	815	1,302	1,645	1,882	1,703	1,369	1,020	777	646	571
Difference	-11	1	4	-27	-29	-23	-20	-24	-27	-25	-24	-24
Percent Difference	-2.2%	0.1%	0.4%	-2.0%	-1.7%	-1.2%	-1.1%	-1.8%	-2.5%	-3.1%	-3.6%	-4.0%
Above Normal (14.6%)												
WSIP 2030 Without Project	404	493	772	1,231	1,481	1,761	1,545	1,160	741	503	453	403
WSIP 2030 With Project	406	503	788	1,254	1,472	1,738	1,523	1,128	707	478	425	399
Difference	2	10	16	24	-9	-24	-23	-31	-34	-26	-28	-3
Percent Difference	0.5%	2.1%	2.0%	1.9%	-0.6%	-1.3%	-1.5%	-2.7%	-4.6%	-5.2%	-6.2%	-0.9%
Below Normal (20.7%)												
WSIP 2030 Without Project	611	810	1,053	1,122	1,319	1,508	1,370	1,072	700	648	557	556
WSIP 2030 With Project	669	882	1,113	1,157	1,322	1,493	1,346	1,033	645	595	533	603
Difference	58	72	60	34	2	-14	-24	-39	-55	-53	-24	47
Percent Difference	9.6%	9.0%	5.7%	3.1%	0.2%	-0.9%	-1.7%	-3.6%	-7.9%	-8.2%	-4.2%	8.5%
Dry (19.5%)												
WSIP 2030 Without Project	391	642	952	981	1,131	1,304	1,191	939	600	542	329	356
WSIP 2030 With Project	461	698	992	1,013	1,155	1,307	1,175	901	529	506	340	431
Difference	70	56	40	32	24	3	-16	-38	-71	-36	11	75
Percent Difference	18.0%	8.7%	4.2%	3.3%	2.2%	0.3%	-1.3%	-4.0%	-11.9%	-6.6%	3.3%	21.1%
Critical (14.6%)												
WSIP 2030 Without Project	297	436	671	996	1,116	1,168	1,103	930	618	495	281	256
WSIP 2030 With Project	410	568	776	1,151	1,245	1,286	1,211	1,020	668	551	378	397
Difference	113	132	105	154	129	117	108	90	50	55	96	141
Percent Difference	38.2%	30.2%	15.6%	15.5%	11.5%	10.0%	9.8%	9.7%	8.1%	11.2%	34.2%	55.2%

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

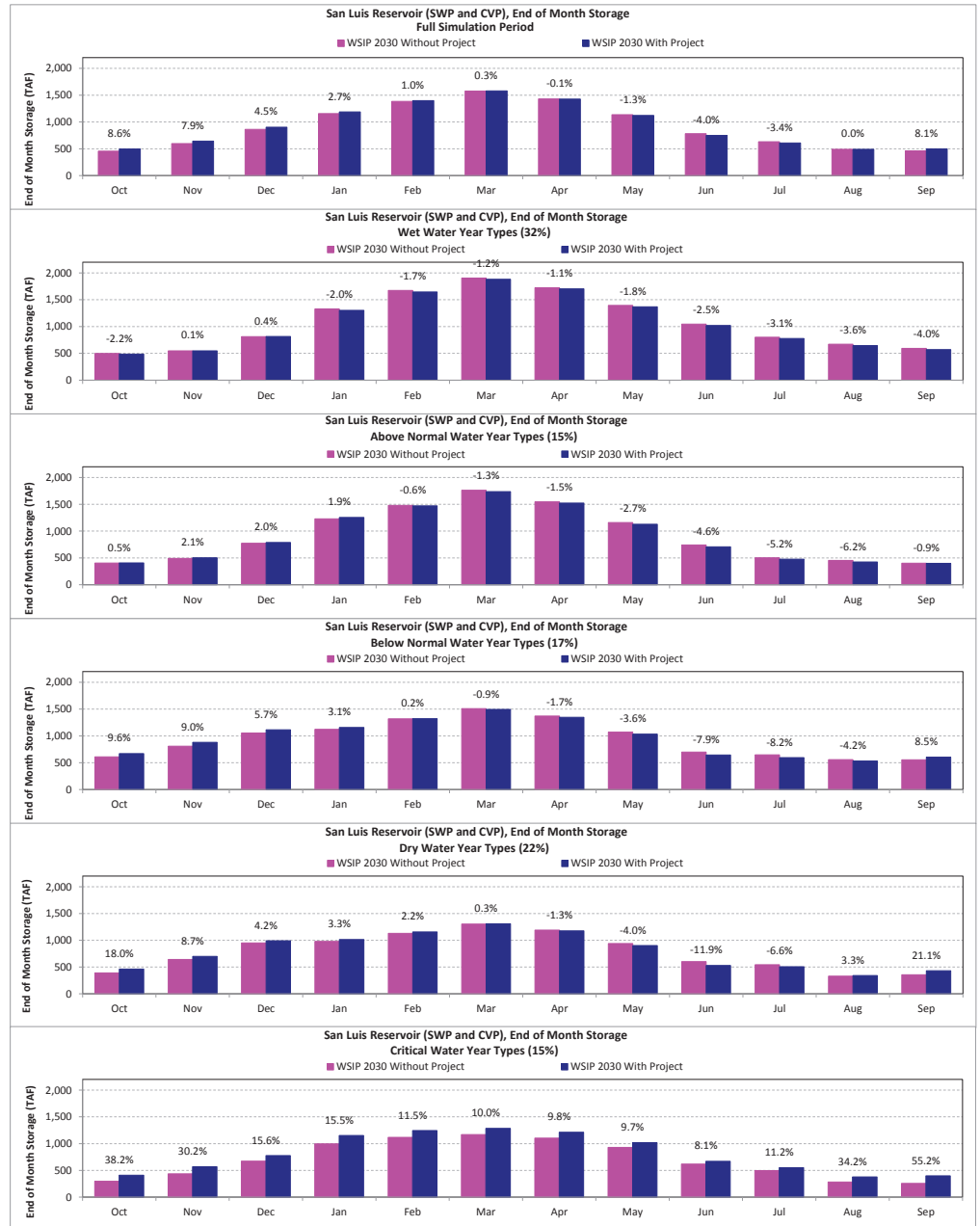


Table SW-42-a
San Luis Reservoir (SWP and CVP), End of Month Elevation
Long-term Average and Average by Water Year Type

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 2030 Without Project	389	406	436	466	487	503	491	464	427	410	392	390
WSIP 2030 With Project	394	411	440	469	488	504	491	463	423	407	392	395
Difference	5	5	4	3	1	1	0	-1	-4	-3	0	5
Percent Difference ²	1.2%	1.2%	0.9%	0.6%	0.3%	0.1%	0.0%	-0.3%	-0.9%	-0.7%	0.0%	1.3%
Water Year Types²												
Wet (30.5%)												
WSIP 2030 Without Project	394	399	431	482	512	531	517	488	455	429	415	407
WSIP 2030 With Project	393	399	431	479	510	529	515	486	452	427	412	404
Difference	-1	0	0	-3	-2	-2	-2	-2	-3	-3	-3	-3
Percent Difference	-0.3%	0.1%	0.1%	-0.6%	-0.5%	-0.3%	-0.3%	-0.5%	-0.6%	-0.6%	-0.6%	-0.7%
Above Normal (14.6%)												
WSIP 2030 Without Project	384	395	428	472	496	519	502	467	424	393	387	383
WSIP 2030 With Project	383	396	430	474	494	518	500	464	420	390	383	382
Difference	0	1	2	1	-1	-2	-2	-3	-4	-3	-4	-1
Percent Difference	-0.1%	0.3%	0.5%	0.2%	-0.3%	-0.4%	-0.4%	-0.6%	-0.9%	-0.8%	-1.0%	-0.2%
Below Normal (20.7%)												
WSIP 2030 Without Project	410	432	456	464	481	498	486	458	418	412	402	404
WSIP 2030 With Project	415	439	462	466	481	497	484	454	411	405	398	408
Difference	6	7	5	3	0	-1	-2	-4	-7	-7	-4	5
Percent Difference	1.4%	1.7%	1.2%	0.6%	0.0%	-0.3%	-0.5%	-0.9%	-1.7%	-1.7%	-1.0%	1.2%
Dry (19.5%)												
WSIP 2030 Without Project	381	413	446	450	465	481	471	446	408	401	371	376
WSIP 2030 With Project	389	418	449	453	467	481	469	442	400	396	372	385
Difference	8	5	3	3	2	0	-1	-4	-9	-5	1	9
Percent Difference	2.2%	1.2%	0.6%	0.7%	0.5%	0.1%	-0.3%	-0.8%	-2.1%	-1.2%	0.2%	2.5%
Critical (14.6%)												
WSIP 2030 Without Project	367	387	415	451	462	467	461	444	410	395	364	360
WSIP 2030 With Project	383	403	428	466	475	479	472	453	415	402	378	381
Difference	16	16	12	15	12	11	10	9	5	6	14	20
Percent Difference	4.3%	4.1%	2.9%	3.4%	2.7%	2.4%	2.3%	2.0%	1.2%	1.6%	3.8%	5.7%

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



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 2030 Without Project	7,320	8,091	9,315	10,368	11,038	11,556	11,177	10,314	8,946	8,221	7,394	7,354
WSIP 2030 With Project	7,517	8,282	9,453	10,459	11,084	11,580	11,182	10,272	8,779	8,090	7,386	7,586
Difference	197	191	138	90	46	23	4	-42	-167	-131	-8	232
Percent Difference ²	2.7%	2.4%	1.5%	0.9%	0.4%	0.2%	0.0%	-0.4%	-1.9%	-1.6%	-0.1%	3.1%
Water Year Types²												
Wet (30.5%)												
WSIP 2030 Without Project	7,554	7,736	9,125	10,880	11,837	12,391	11,973	11,096	9,993	9,015	8,463	8,165
WSIP 2030 With Project	7,490	7,763	9,147	10,791	11,761	12,340	11,926	11,024	9,898	8,911	8,359	8,054
Difference	-64	27	22	-89	-76	-50	-48	-72	-95	-104	-104	-111
Percent Difference	-0.8%	0.4%	0.2%	-0.8%	-0.6%	-0.4%	-0.4%	-0.7%	-0.9%	-1.2%	-1.2%	-1.4%
Above Normal (14.6%)												
WSIP 2030 Without Project	7,129	7,626	9,009	10,579	11,325	12,057	11,525	10,427	8,868	7,399	7,089	7,101
WSIP 2030 With Project	7,079	7,684	9,115	10,584	11,277	12,002	11,467	10,329	8,719	7,256	6,881	7,033
Difference	-50	58	106	6	-48	-54	-58	-98	-150	-143	-207	-68
Percent Difference	-0.7%	0.8%	1.2%	0.1%	-0.4%	-0.4%	-0.5%	-0.9%	-1.7%	-1.9%	-2.9%	-1.0%
Below Normal (20.7%)												
WSIP 2030 Without Project	8,313	9,188	10,044	10,306	10,871	11,406	11,033	10,122	8,585	8,312	7,959	8,086
WSIP 2030 With Project	8,479	9,433	10,219	10,392	10,863	11,359	10,957	9,985	8,254	7,986	7,699	8,255
Difference	166	245	175	86	-8	-47	-75	-137	-331	-326	-260	169
Percent Difference	2.0%	2.7%	1.7%	0.8%	-0.1%	-0.4%	-0.7%	-1.4%	-3.9%	-3.9%	-3.3%	2.1%
Dry (19.5%)												
WSIP 2030 Without Project	6,910	8,437	9,682	9,852	10,343	10,887	10,550	9,724	8,260	7,917	6,369	6,666
WSIP 2030 With Project	7,263	8,546	9,703	9,965	10,428	10,898	10,505	9,597	7,890	7,663	6,374	7,087
Difference	353	109	21	112	85	12	-45	-127	-370	-253	5	421
Percent Difference	5.1%	1.3%	0.2%	1.1%	0.8%	0.1%	-0.4%	-1.3%	-4.5%	-3.2%	0.1%	6.3%
Critical (14.6%)												
WSIP 2030 Without Project	6,166	7,280	8,496	9,867	10,248	10,423	10,213	9,632	8,272	7,666	6,040	5,800
WSIP 2030 With Project	6,987	7,980	9,011	10,394	10,667	10,793	10,566	9,953	8,439	7,927	6,771	6,880
Difference	821	700	515	527	419	370	354	322	167	261	731	1,080
Percent Difference	13.3%	9.6%	6.1%	5.3%	4.1%	3.6%	3.5%	3.3%	2.0%	3.4%	12.1%	18.6%

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 2030 Without Project	214	328	490	614	706	774	708	573	398	255	166	175
WSIP 2030 With Project	235	355	515	636	711	777	709	569	384	244	176	202
Difference	21	27	25	23	5	2	1	-4	-14	-10	10	28
Percent Difference ²	10.0%	8.2%	5.1%	3.7%	0.7%	0.3%	0.1%	-0.8%	-3.6%	-4.0%	6.2%	15.9%
Water Year Types²												
Wet (30.5%)												
WSIP 2030 Without Project	241	339	506	678	824	924	856	725	573	351	240	231
WSIP 2030 With Project	225	335	502	673	809	907	840	704	539	319	211	201
Difference	-17	-4	-4	-5	-15	-17	-16	-21	-34	-32	-29	-30
Percent Difference	-6.9%	-1.1%	-0.7%	-0.7%	-1.8%	-1.8%	-1.9%	-2.9%	-6.0%	-9.2%	-12.0%	-13.0%
Above Normal (14.6%)												
WSIP 2030 Without Project	167	262	442	652	765	876	788	628	432	193	130	127
WSIP 2030 With Project	172	273	451	667	756	862	772	605	396	179	116	129
Difference	5	10	9	15	-9	-13	-16	-22	-36	-14	-14	2
Percent Difference	3.1%	3.9%	2.0%	2.3%	-1.1%	-1.5%	-2.1%	-3.5%	-8.4%	-7.4%	-10.7%	1.6%
Below Normal (20.7%)												
WSIP 2030 Without Project	275	418	579	623	699	756	694	558	369	271	184	213
WSIP 2030 With Project	313	453	613	649	691	745	683	543	350	266	204	265
Difference	37	35	34	26	-8	-11	-11	-15	-18	-5	20	52
Percent Difference	13.6%	8.4%	5.8%	4.2%	-1.1%	-1.4%	-1.7%	-2.7%	-5.0%	-1.9%	11.1%	24.4%
Dry (19.5%)												
WSIP 2030 Without Project	180	316	487	528	576	630	567	424	245	179	97	121
WSIP 2030 With Project	223	359	528	541	588	637	572	420	230	170	133	188
Difference	44	43	41	13	11	7	5	-4	-15	-9	36	66
Percent Difference	24.3%	13.5%	8.4%	2.4%	2.0%	1.2%	0.9%	-0.9%	-6.1%	-5.0%	37.1%	54.6%
Critical (14.6%)												
WSIP 2030 Without Project	161	258	386	543	588	581	529	423	245	192	115	120
WSIP 2030 With Project	225	332	454	637	657	649	596	486	301	223	182	208
Difference	65	74	67	95	69	68	67	63	57	31	67	88
Percent Difference	40.2%	28.8%	17.4%	17.5%	11.8%	11.8%	12.7%	15.0%	23.1%	16.2%	58.5%	73.3%

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-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 2030 Without Project	243	268	372	542	678	802	721	563	382	376	326	288
WSIP 2030 With Project	261	288	386	550	687	804	718	553	365	365	315	297
Difference	18	20	14	9	9	2	-3	-10	-17	-11	-10	10
Percent Difference ²	7.4%	7.5%	3.8%	1.6%	1.3%	0.3%	-0.4%	-1.8%	-4.4%	-2.9%	-3.2%	3.3%
Water Year Types²												
Wet (30.5%)												
WSIP 2030 Without Project	256	209	306	651	850	981	866	668	473	451	431	363
WSIP 2030 With Project	262	213	313	629	836	975	863	665	481	458	435	370
Difference	6	4	7	-22	-14	-6	-3	-3	8	7	5	6
Percent Difference	2.2%	2.1%	2.3%	-3.4%	-1.7%	-0.6%	-0.4%	-0.5%	1.6%	1.7%	1.1%	1.7%
Above Normal (14.6%)												
WSIP 2030 Without Project	237	230	331	579	716	886	757	532	309	310	324	275
WSIP 2030 With Project	234	230	337	587	716	875	751	523	311	298	309	270
Difference	-3	0	7	9	0	-10	-7	-9	2	-12	-14	-5
Percent Difference	-1.2%	-0.1%	2.0%	1.5%	0.0%	-1.2%	-0.9%	-1.7%	0.6%	-3.8%	-4.4%	-2.0%
Below Normal (20.7%)												
WSIP 2030 Without Project	335	391	474	500	621	752	676	514	332	377	373	343
WSIP 2030 With Project	357	429	501	508	631	748	663	490	295	328	329	338
Difference	21	37	27	8	10	-4	-12	-24	-37	-48	-44	-5
Percent Difference	6.3%	9.6%	5.6%	1.6%	1.6%	-0.5%	-1.8%	-4.7%	-11.1%	-12.8%	-11.8%	-1.4%
Dry (19.5%)												
WSIP 2030 Without Project	211	326	464	453	555	674	624	515	355	363	233	234
WSIP 2030 With Project	238	339	464	472	568	670	604	482	299	336	208	243
Difference	27	13	0	19	13	-4	-21	-34	-56	-27	-25	9
Percent Difference	12.7%	4.1%	-0.1%	4.2%	2.3%	-0.6%	-3.3%	-6.5%	-15.9%	-7.3%	-10.7%	3.7%
Critical (14.6%)												
WSIP 2030 Without Project	136	178	285	454	528	587	575	508	373	304	167	136
WSIP 2030 With Project	185	236	322	513	588	636	615	534	367	328	196	189
Difference	49	58	37	59	60	49	41	27	-6	24	29	53
Percent Difference	35.9%	32.3%	13.1%	13.1%	11.3%	8.3%	7.1%	5.3%	-1.7%	7.9%	17.4%	39.1%

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

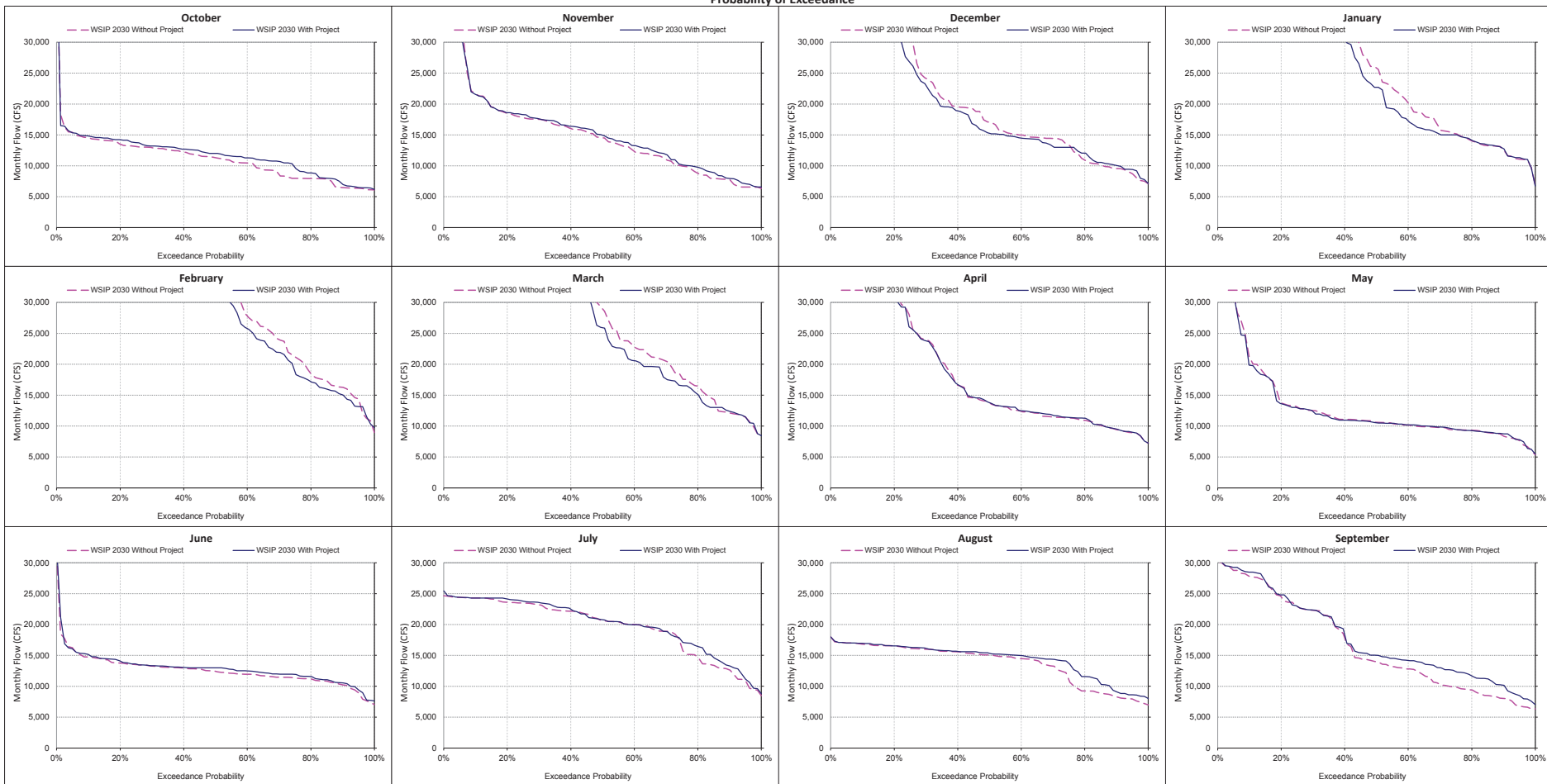


Table SW-30-b
Sacramento River below Hood, Monthly Flow
Probability of Exceedance

Percent Exceedance Probability	October			
	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	44,906	46,561	1,656	3.7%
1.2%	18,309	16,496	-1,813	-9.9%
2.5%	16,311	16,424	113	0.7%
3.7%	15,483	15,701	219	1.4%
4.9%	15,429	15,352	-77	-0.5%
6.2%	14,924	15,261	338	2.3%
7.4%	14,812	14,933	121	0.8%
8.6%	14,617	14,855	238	1.6%
9.9%	14,583	14,852	270	1.8%
11.1%	14,349	14,686	337	2.4%
12.3%	14,306	14,581	275	1.9%
13.6%	14,228	14,576	348	2.4%
14.8%	14,120	14,491	371	2.6%
16.0%	14,080	14,487	407	2.9%
17.3%	14,042	14,313	271	1.9%
18.5%	14,002	14,227	225	1.6%
19.8%	13,550	14,000	450	3.3%
21.0%	13,302	14,152	850	6.4%
22.2%	13,235	14,149	914	6.9%
23.5%	13,231	13,835	604	4.6%
24.7%	13,147	13,760	612	4.7%
25.9%	13,046	13,726	680	5.2%
27.2%	13,037	13,407	370	2.8%
28.4%	13,022	13,263	241	1.9%
29.6%	12,987	13,211	224	1.7%
30.9%	12,826	13,204	378	2.9%
32.1%	12,821	13,161	340	2.7%
33.3%	12,791	13,090	299	2.3%
34.6%	12,642	13,059	417	3.3%
35.8%	12,527	13,016	489	3.9%
37.0%	12,444	13,011	567	4.6%
38.3%	12,438	12,832	395	3.2%
39.5%	12,234	12,713	479	3.9%
40.7%	12,177	12,706	530	4.3%
42.0%	11,925	12,613	687	5.8%
43.2%	11,842	12,472	630	5.3%
44.4%	11,755	12,501	747	6.4%
45.7%	11,541	12,250	709	6.1%
46.9%	11,510	12,137	626	5.4%
48.1%	11,490	12,022	531	4.6%
49.4%	11,369	12,021	652	5.7%
50.6%	11,245	11,964	719	6.4%
51.9%	11,139	11,878	739	6.6%
53.1%	10,988	11,664	676	6.2%
54.3%	10,930	11,635	705	6.5%
55.6%	10,596	11,532	937	8.8%
56.8%	10,558	11,495	937	8.9%
58.0%	10,473	11,494	1,021	9.7%
59.3%	10,470	11,299	829	7.9%
60.5%	10,444	11,280	836	8.0%
61.7%	10,355	11,226	871	8.4%
63.0%	9,664	11,003	1,338	13.8%
64.2%	9,591	10,940	1,349	14.1%
65.4%	9,330	10,929	1,599	17.1%
66.7%	9,309	10,796	1,487	16.0%
67.9%	9,284	10,770	1,486	16.0%
69.1%	9,157	10,747	1,591	17.4%
70.4%	8,348	10,683	2,334	28.0%
71.6%	8,328	10,469	2,141	25.7%
72.8%	8,167	10,452	2,284	28.0%
74.1%	7,970	10,322	2,352	29.5%
75.3%	7,968	9,515	1,547	19.4%
76.5%	7,956	9,099	1,143	14.4%
77.8%	7,955	9,062	1,107	13.9%
79.0%	7,945	8,851	905	11.4%
80.2%	7,942	8,847	905	11.4%
81.5%	7,920	8,538	617	7.8%
82.7%	7,912	8,070	158	2.0%
84.0%	7,892	8,036	144	1.8%
85.2%	7,880	7,984	104	1.4%
86.4%	7,527	7,945	418	5.6%
87.7%	6,602	7,861	1,259	19.1%
88.9%	6,525	7,515	989	15.2%
90.1%	6,470	6,943	473	7.3%
91.4%	6,430	6,363	-67	-1.0%
92.6%	6,402	6,694	292	4.6%
93.8%	6,374	6,627	253	4.0%
95.1%	6,357	6,470	113	1.8%
96.3%	6,313	6,456	143	2.3%
97.5%	6,125	6,434	309	5.0%
98.8%	6,123	6,403	280	4.6%
100.0%	6,105	6,179	73	1.2%

Percent Exceedance Probability	November			
	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	54,108	52,066	-2,041	-3.8%
1.2%	49,151	48,972	-179	-0.4%
2.5%	47,977	46,846	-1,131	-2.4%
3.7%	40,516	42,823	2,306	5.7%
4.9%	33,592	33,571	-21	-0.1%
6.2%	30,866	29,157	-1,709	-5.5%
7.4%	25,013	25,764	751	3.0%
8.6%	22,145	21,996	-150	-0.7%
9.9%	21,734	21,646	-88	-0.4%
11.1%	21,316	21,316	0	0.0%
12.3%	21,288	21,152	-136	-0.6%
13.6%	20,767	20,554	-213	-1.0%
14.8%	19,592	19,540	-52	-0.3%
16.0%	19,385	19,322	-63	-0.3%
17.3%	18,979	18,929	-50	-0.3%
18.5%	18,768	18,912	144	0.8%
19.8%	18,524	18,608	84	0.5%
21.0%	18,454	18,595	142	0.8%
22.2%	18,152	18,432	280	1.5%
23.5%	17,864	18,426	562	3.1%
24.7%	17,855	18,282	427	2.4%
25.9%	17,663	18,260	597	3.4%
27.2%	17,578	17,827	249	1.4%
28.4%	17,573	17,726	153	0.9%
29.6%	17,542	17,542	0	0.0%
30.9%	17,495	17,469	-26	-0.1%
32.1%	17,288	17,380	92	0.5%
33.3%	17,081	17,362	281	1.6%
34.6%	16,742	17,317	575	3.4%
35.8%	16,577	17,046	469	2.8%
37.0%	16,436	16,850	414	2.5%
38.3%	16,418	16,567	150	0.9%
39.5%	16,119	16,405	286	1.8%
40.7%	15,898	16,368	471	3.0%
42.0%	15,897	16,077	180	1.1%
43.2%	15,828	16,278	450	2.8%
44.4%	15,615	16,278	663	4.2%
45.7%	15,255	15,949	694	4.5%
46.9%	15,210	15,800	590	3.9%
48.1%	14,866	15,143	277	1.9%
49.4%	14,569	15,029	460	3.2%
50.6%	14,500	14,818	317	2.2%
51.9%	13,883	14,500	617	4.4%
53.1%	13,798	14,369	571	4.1%
54.3%	13,617	14,025	408	3.0%
55.6%	13,364	14,011	647	4.8%
56.8%	13,139	13,798	659	5.0%
58.0%	13,119	13,776	657	5.0%
59.3%	12,627	13,294	667	5.3%
60.5%	12,144	13,238	1,093	9.0%
61.7%	12,095	13,032	937	7.7%
63.0%	12,014	12,878	863	7.2%
64.2%	11,993	12,870	877	7.3%
65.4%	11,669	12,532	863	7.4%
66.7%	11,661	12,299	638	5.5%
67.9%	11,595	12,085	490	4.2%
69.1%	11,325	12,026	701	6.2%
70.4%	10,896	11,772	876	8.0%
71.6%	10,736	11,000	264	2.5%
72.8%	10,096	11,000	904	9.0%
74.1%	10,072	10,317	245	2.4%
75.3%	9,951	10,145	194	2.0%
76.5%	9,866	10,056	190	1.9%
77.8%	9,497	10,014	517	5.4%
79.0%	9,065	9,865	800	8.8%
80.2%	8,720	9,720	999	11.5%
81.5%	8,500	9,104	1,014	11.9%
82.7%	8,475	9,165	690	8.1%
84.0%	7,968	9,029	1,061	13.3%
85.2%	7,952	8,880	928	11.7%
86.4%	7,899	8,417	518	6.6%
87.7%	7,846	8,368	522	6.6%
88.9%	7,806	8,032	226	2.9%
90.1%	7,721	7,952	231	3.0%
91.4%	6,929	7,899	970	14.0%
92.6%	6,683	7,634	951	14.2%
93.8%	6,564	7,197	633	9.6%
95.1%	6,562	7,065	503	7.7%
96.3%	6,560	6,987	427	6.5%
97.5%	6,551	6,708	157	2.4%
98.8%	6,547	6,564	17	0.3%
100.0%	6,348	6,560	212	3.3%

Percent Exceedance Probability	December			
	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	79,391	79,407	16	0.0%
1.2%	78,285	78,077	-208	-0.3%
2.5%	73,239	73,066	-173	-0.2%
3.7%	69,988	69,363	-624	-0.9%
4.9%	66,024	66,404	380	0.6%
6.2%	62,303	61,259	-1,044	-1.7%
7.4%	58,165	58,063	-102	-0.2%
8.6%	56,114	54,436	-1,678	-3.0%
9.9%	55,503	54,123	-1,380	-2.5%
11.1%	53,803	53,863	61	0.1%
12.3%	44,265	44,654	388	0.9%
13.6%	44,119	43,705	-415	-0.9%
14.8%	39,239	38,421	-817	-2.1%
16.0%	39,070	36,930	-2,141	-5.5%
17.3%	37,104	35,166	-1,938	-5.2%
18.5%	35,156	33,998	-1,159	-3.3%
19.8%	34,874	30,994	-3,880	-11.1%
21.0%	32,960	30,914	-2,046	-6.2%
22.2%	32,347	30,068	-2,279	-7.0%
23.5%	30,864	27,682	-3,181	-10.3%
24.7%	30,368	26,690	-3,678	-11.5%
25.9%	29,779	26,135	-3,644	-12.2%
27.2%	26,517	24,718	-1,798	-6.8%
28.4%	24,842	23,887	-955	-3.9%
29.6%	24,253	23,305	-948	-3.9%
30.9%	23,916	22,301	-1,614	-6.8%
32.1%	23,438	21,360	-2,078	-8.9%
33.3%	22,157	20,862	-1,295	-5.8%
34.6%	21,187	19,717	-1,470	-7.1%
35.8%	20,687	19,549	-1,138	-5.5%
37.0%	20,648	19,535	-1,113	-5.4%
38.3%	19,685	19,410	-274	-1.4%
39.5%	19,632	18,928	-704	-3.6%
40.7%	19,484	18,819	-665	-3.4%
42.0%	19,464	18,514	-950	-4.9%
43.2%	19,328	18,290	-1,038	-5.4%
44.4%	19,348	18,861	-487	-2.5%
45.7%	18,802	18,556	-246	-1.3%
46.9%	18,797	18,932	135	0.7%
48.1%	17,448	18,593	1,145	6.5%
49.4%	17,108	18,362	1,254	7.3%
50.6%	16,818	18,211	1,393	8.3%
51.9%	16,637	18,164	1,473	8.9%
53.1%	16,687	18,110	1,423	8.5%
54.3%	16,639	18,074	1,435	8.6%
55.6%	16,350	18,450	1,800	11.0%
56.8%	16,192	18,781	2,589	15.9%
58.0%	15,164	18,718	3,554	23.4%
59.3%	14,981	18,421	3,440	23.0%
60.5%	14,969	18,465	3,496	23.4%
61.7%	14,815	18,399	3,584	24.2%
63.0%	14,647	18,377	3,730	25.4%
64.2%	14,634	18,308	3,674	25.1%
65.4%	14,585	18,264	3,679	25.2%
66.7%	14,537	18,182	3,645	25.0%
67.9%	14,457	18,088	3,631	25.1%
69.1%	14,442	18,021	3,579	24.8%
70.4%	14,410	18,000	3,590	24.9%
71.6%	14,372	18,000	3,628	25.2%
72.8%	14,168	18,000	3,832	27.0%
74.1%	13,542	18,000	4,458	32.6%
75.3%	13,238	18,000	4,762	35.9%
76.5%	12,268	18,000	5,732	46.8%
77.8%	12,007	18,0		

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

February					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	80.937	80.949	12	0.0%	
1.2%	80.937	80.935	208	0.3%	
2.5%	79.774	79.672	-103	-1.3%	
3.7%	79.165	79.245	80	0.1%	
4.9%	78.078	78.010	-68	-0.1%	
6.2%	77.383	77.386	3	0.0%	
7.4%	75.932	75.928	-4	0.0%	
8.6%	75.800	75.458	-342	-0.5%	
9.9%	75.474	75.262	-212	-0.3%	
11.1%	72.732	72.729	-3	0.0%	
12.3%	71.013	70.755	-258	-0.4%	
13.6%	70.908	70.634	-274	-0.4%	
14.8%	70.730	70.113	-617	-0.9%	
16.0%	69.908	69.909	1	0.0%	
17.3%	68.341	68.372	31	0.0%	
18.5%	67.019	66.686	-333	-0.6%	
19.8%	66.723	66.478	-244	-0.4%	
21.0%	66.367	65.261	-1106	-1.7%	
22.2%	64.720	65.095	375	0.6%	
23.5%	64.381	64.131	-250	-0.4%	
24.7%	63.277	61.755	-1522	-2.4%	
25.9%	62.756	61.725	-1031	-1.6%	
27.2%	62.412	61.589	-823	-1.3%	
28.4%	57.783	57.616	-167	-0.3%	
29.6%	57.238	57.049	-189	-0.3%	
30.9%	55.132	53.875	-1257	-2.3%	
32.1%	53.869	53.668	-202	-0.4%	
33.3%	53.292	50.795	-2497	-4.7%	
34.6%	51.639	50.460	-1180	-2.3%	
35.8%	51.152	50.422	-730	-1.4%	
37.0%	50.960	48.997	-2063	-4.0%	
38.3%	50.024	48.528	-1495	-3.0%	
39.5%	49.838	48.182	-1657	-3.3%	
40.7%	49.200	48.067	-1133	-2.3%	
42.0%	45.262	45.849	587	1.3%	
43.2%	43.268	43.404	136	0.3%	
44.4%	42.987	43.000	14	0.0%	
45.7%	41.545	39.259	-2266	-5.5%	
46.9%	40.769	39.010	-1760	-4.3%	
48.1%	38.954	38.769	-185	-0.5%	
49.4%	35.456	34.339	-1117	-3.2%	
50.6%	35.423	35.423	-2501	-7.1%	
51.9%	34.658	31.636	-3022	-8.7%	
53.1%	34.087	31.352	-2735	-8.0%	
54.3%	32.372	30.134	-2238	-6.9%	
55.6%	31.409	29.492	-1917	-6.1%	
56.8%	31.304	28.325	-2979	-9.5%	
58.0%	29.962	26.514	-3448	-11.5%	
59.3%	28.250	25.961	-2289	-8.1%	
60.5%	27.525	25.617	-1908	-6.9%	
61.7%	27.002	25.015	-1986	-7.4%	
63.0%	26.929	24.126	-2803	-10.4%	
64.2%	26.138	23.881	-2256	-8.6%	
65.4%	26.045	23.765	-2280	-8.8%	
66.7%	25.554	22.778	-2775	-10.9%	
67.9%	25.049	22.469	-2581	-10.3%	
69.1%	24.221	21.942	-2279	-9.4%	
70.4%	23.906	21.831	-1975	-8.3%	
71.6%	23.704	21.551	-2153	-9.1%	
72.8%	21.966	20.674	-1291	-5.9%	
74.1%	21.530	20.169	-1361	-6.3%	
75.3%	21.112	18.321	-2791	-13.2%	
76.5%	20.709	18.010	-2698	-13.0%	
77.8%	20.210	17.813	-2396	-11.9%	
79.0%	19.197	17.489	-1708	-8.9%	
80.2%	18.308	17.126	-1183	-6.5%	
81.5%	17.848	16.967	-881	-4.9%	
82.7%	17.657	16.258	-1399	-7.9%	
84.0%	17.524	16.133	-1391	-7.9%	
85.2%	17.268	15.960	-1308	-7.6%	
86.4%	16.598	15.750	-848	-5.1%	
87.7%	16.494	15.648	-846	-5.1%	
88.9%	16.337	15.236	-1101	-6.7%	
90.1%	16.256	15.039	-1217	-7.5%	
91.4%	16.001	14.921	-1080	-6.7%	
92.6%	15.234	14.185	-1048	-6.9%	
93.8%	14.608	13.213	-1395	-9.6%	
95.1%	14.378	13.144	-1234	-8.6%	
96.3%	12.073	13.142	1070	8.9%	
97.5%	11.245	11.525	280	2.5%	
98.8%	10.880	10.300	-584	-5.2%	
100.0%	8.957	9.758	801	8.9%	

March					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	79.482	79.482	0	0.0%	
1.2%	79.149	79.150	1	0.0%	
2.5%	77.048	77.072	23	0.0%	
3.7%	76.191	75.696	-595	-0.8%	
4.9%	73.804	73.806	2	0.0%	
6.2%	71.726	71.122	-604	-0.8%	
7.4%	70.399	69.837	-562	-0.8%	
8.6%	68.157	68.170	13	0.0%	
9.9%	63.664	62.450	-1214	-1.9%	
11.1%	62.459	61.846	-614	-1.0%	
12.3%	61.637	61.640	4	0.0%	
13.6%	61.387	61.139	-248	-0.4%	
14.8%	60.933	60.933	-1	0.0%	
16.0%	59.687	59.444	-243	-0.4%	
17.3%	58.035	58.240	205	0.4%	
18.5%	57.812	57.816	4	0.0%	
19.8%	56.939	55.704	-1235	-2.2%	
21.0%	55.256	54.202	-1054	-1.9%	
22.2%	54.496	54.168	-328	-0.6%	
23.5%	54.299	53.908	-391	-0.7%	
24.7%	50.473	50.665	192	0.4%	
25.9%	50.252	48.884	-1368	-2.7%	
27.2%	50.201	48.268	-1933	-3.9%	
28.4%	49.685	48.219	-1466	-3.0%	
29.6%	47.329	45.696	-1633	-3.4%	
30.9%	46.924	45.352	-1572	-3.3%	
32.1%	44.703	42.022	-2681	-6.0%	
33.3%	42.620	40.922	-1698	-4.0%	
34.6%	41.783	39.422	-2361	-5.7%	
35.8%	39.475	38.783	-692	-1.8%	
37.0%	38.143	37.468	-675	-1.8%	
38.3%	38.498	37.860	-638	-1.7%	
39.5%	38.421	36.654	-1767	-4.6%	
40.7%	37.944	36.311	-1633	-4.3%	
42.0%	36.698	35.036	-1662	-4.5%	
43.2%	36.360	34.360	-2000	-5.5%	
44.4%	36.311	31.372	-4940	-13.6%	
45.7%	33.631	31.098	-2533	-7.5%	
46.9%	30.519	28.888	-1631	-5.3%	
48.1%	30.036	26.335	-3700	-12.3%	
49.4%	29.356	25.967	-3389	-11.5%	
50.6%	28.422	26.592	-1830	-6.4%	
51.9%	27.110	23.925	-3185	-11.7%	
53.1%	25.775	22.902	-2873	-11.1%	
54.3%	25.616	22.683	-2932	-11.4%	
55.6%	23.880	22.621	-1259	-5.3%	
56.8%	23.909	22.374	-1434	-6.0%	
58.0%	23.787	20.903	-2884	-12.1%	
59.3%	23.227	20.645	-2582	-11.1%	
60.5%	22.631	20.268	-2362	-10.3%	
61.7%	22.355	20.529	-2086	-9.3%	
63.0%	22.353	19.664	-2689	-12.0%	
64.2%	21.701	19.641	-2060	-9.5%	
65.4%	21.181	19.633	-1549	-7.3%	
66.7%	21.111	19.585	-1525	-7.2%	
67.9%	20.912	19.552	-1360	-6.5%	
69.1%	20.679	17.933	-2746	-13.3%	
70.4%	20.430	17.519	-2912	-14.3%	
71.6%	19.680	17.391	-2270	-11.5%	
72.8%	18.627	17.300	-1327	-7.1%	
74.1%	18.614	16.591	-2024	-10.9%	
75.3%	17.563	16.538	-1026	-5.8%	
76.5%	17.550	16.515	-1035	-5.9%	
77.8%	16.955	16.105	-850	-5.0%	
79.0%	16.550	15.504	-1047	-6.3%	
80.2%	16.436	15.036	-1400	-8.5%	
81.5%	15.573	13.807	-1766	-11.3%	
82.7%	15.032	13.299	-1733	-11.5%	
84.0%	14.598	13.000	-1598	-10.9%	
85.2%	14.256	13.000	-1256	-8.8%	
86.4%	12.437	13.000	563	4.5%	
87.7%	12.329	13.000	671	5.4%	
88.9%	12.260	12.577	317	2.6%	
90.1%	12.102	12.357	255	2.1%	
91.4%	11.967	12.591	624	5.2%	
92.6%	11.892	11.941	50	0.5%	
93.8%	11.752	11.782	29	0.2%	
95.1%	11.399	11.482	83	0.7%	
96.3%	10.701	10.532	-168	-1.6%	
97.5%	9.907	10.446	539	5.4%	
98.8%	8.756	8.756	0	0.0%	
100.0%	8.389	8.435	46	0.6%	

April					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	76.345	76.347	2	0.0%	
1.2%	76.209	76.205	-5	0.0%	
2.5%	70.020	69.468	-552	-0.8%	
3.7%	57.130	57.133	3	0.0%	
4.9%	53.663	54.341	678	1.3%	
6.2%	50.175	50.170	-4	0.0%	
7.4%	49.730	49.615	-116	-0.2%	
8.6%	48.600	48.975	375	0.8%	
9.9%	48.925	48.307	-617	-1.3%	
11.1%	48.523	47.756	-767	-1.6%	
12.3%	47.762	45.615	-2148	-4.5%	
13.6%	39.923	37.527	-2396	-6.0%	
14.8%	39.274	37.197	-2076	-5.3%	
16.0%	37.553	36.973	-581	-1.5%	
17.3%	37.054	36.164	-890	-2.4%	
18.5%	35.594	35.188	-406	-1.1%	
19.8%	35.192	33.470	-1722	-4.9%	
21.0%	31.925	30.121	-1805	-5.7%	
22.2%	29.691	29.262	-430	-1.4%	
23.5%	29.309	29.233	-76	-0.3%	
24.7%	28.055	26.058	-1997	-7.1%	
25.9%	25.547	25.598	51	0.2%	
27.2%	25.054	24.942	-112	-0.4%	
28.4%	24.223	24.101	-121	-0.5%	
29.6%	24.134	23.847	-287	-1.2%	
30.9%	23.807	23.687	-120	-0.5%	
32.1%	23.196	22.796	-399	-1.7%	
33.3%	21.786	21.785	-1	0.0%	
34.6%	20.442	20.395	-46	-0.2%	
35.8%	20.138	19.232	-906	-4.5%	
37.0%	19.076	18.500	-576	-3.0%	
38.3%	18.266	17.620	-646	-3.5%	
39.5%	16.669	16.911	242	1.5%	
40.7%	16.509	16.481	-28	-0.2%	
42.0%	16.264	16.095	-169	-1.0%	
43.2%	14.987	14.815	-172	-1.2%	
44.4%	14.584	14.707	123	0.8%	
45.7%	14.567	14.539	-28	-0.2%	
46.9%	14.249	14.533	284	2.0%	
48.1%	14.073	14.304	232	1.6%	
49.4%	14.038	13.927	-111	-0.8%	
50.6%	13.662	13.662	0	0.0%	
51.9%	13.325	13.350	25	0.2%	
53.1%	13.258	13.277	20	0.1%	
54.3%	13.116	13.202	86	0.7%	
55.6%	13.082	13.135	52	0.4%	
56.8%	12.632	13.048	417	3.3%	
58.0%	12.6				

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

June					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	31,658	32,459	801	2.5%	
1.2%	18,495	21,100	2,606	14.1%	
2.5%	17,763	16,901	-863	-4.9%	
3.7%	16,407	16,252	-155	-0.9%	
4.9%	16,252	16,048	-204	-1.3%	
6.2%	15,409	15,496	87	0.6%	
7.4%	15,137	15,337	200	1.3%	
8.6%	14,769	15,315	547	3.7%	
9.9%	14,749	15,188	439	3.0%	
11.1%	14,678	14,803	125	0.9%	
12.3%	14,563	14,769	206	1.4%	
13.6%	14,540	14,540	0	0.0%	
14.8%	14,293	14,478	185	1.3%	
16.0%	14,288	14,462	174	1.2%	
17.3%	13,861	14,419	558	4.0%	
18.5%	13,792	14,346	554	4.0%	
19.8%	13,762	14,133	371	2.7%	
21.0%	13,743	13,861	118	0.9%	
22.2%	13,613	13,792	179	1.3%	
23.5%	13,574	13,626	51	0.4%	
24.7%	13,528	13,613	85	0.6%	
25.9%	13,476	13,477	1	0.0%	
27.2%	13,457	13,457	0	0.0%	
28.4%	13,401	13,425	24	0.2%	
29.6%	13,284	13,242	-42	-0.3%	
30.9%	13,245	13,319	74	0.6%	
32.1%	13,164	13,285	121	0.9%	
33.3%	13,111	13,282	171	1.3%	
34.6%	13,086	13,251	165	1.3%	
35.8%	13,061	13,164	103	0.8%	
37.0%	13,037	13,111	74	0.6%	
38.3%	13,005	13,108	103	0.8%	
39.5%	12,965	13,064	99	0.8%	
40.7%	12,880	13,037	157	1.2%	
42.0%	12,846	13,000	154	1.2%	
43.2%	12,842	13,000	158	1.2%	
44.4%	12,794	13,000	206	1.6%	
45.7%	12,722	13,000	278	2.2%	
46.9%	12,544	13,000	456	3.6%	
48.1%	12,511	13,000	489	3.9%	
49.4%	12,495	13,000	505	4.0%	
50.6%	12,330	13,000	670	5.4%	
51.9%	12,259	12,997	738	6.0%	
53.1%	12,246	12,882	636	5.2%	
54.3%	12,129	12,758	629	5.2%	
55.6%	12,088	12,722	633	5.2%	
56.8%	12,017	12,533	517	4.3%	
58.0%	11,974	12,222	248	2.1%	
59.3%	11,955	12,522	567	4.7%	
60.5%	11,951	12,468	517	4.3%	
61.7%	11,944	12,411	466	3.9%	
63.0%	11,869	12,349	481	4.1%	
64.2%	11,713	12,277	564	4.8%	
65.4%	11,684	12,190	506	4.3%	
66.7%	11,613	12,137	523	4.5%	
67.9%	11,553	12,017	464	4.0%	
69.1%	11,483	12,003	520	4.5%	
70.4%	11,476	11,874	397	3.4%	
71.6%	11,467	11,970	502	4.4%	
72.8%	11,462	11,950	488	4.3%	
74.1%	11,405	11,943	538	4.7%	
75.3%	11,322	11,935	613	5.4%	
76.5%	11,267	11,676	409	3.6%	
77.8%	11,231	11,636	405	3.6%	
79.0%	11,224	11,634	410	3.7%	
80.2%	11,160	11,578	418	3.7%	
81.5%	10,951	11,230	279	2.5%	
82.7%	10,894	11,145	251	2.3%	
84.0%	10,894	11,074	180	1.6%	
85.2%	10,822	11,052	230	2.1%	
86.4%	10,618	10,893	275	2.6%	
87.7%	10,571	10,634	63	0.6%	
88.9%	10,352	10,571	219	2.1%	
90.1%	10,225	10,531	305	3.0%	
91.4%	10,138	10,408	270	2.7%	
92.6%	9,631	10,003	372	3.9%	
93.8%	9,406	9,957	551	5.9%	
95.1%	8,927	9,406	479	5.4%	
96.3%	7,906	8,960	1,054	13.3%	
97.5%	7,647	7,754	107	1.4%	
98.8%	7,350	7,719	369	5.0%	
100.0%	7,048	7,647	600	8.5%	

July					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	24,664	25,431	767	3.1%	
1.2%	24,604	24,652	48	0.2%	
2.5%	24,496	24,651	154	0.6%	
3.7%	24,396	24,462	65	0.3%	
4.9%	24,394	24,396	2	0.0%	
6.2%	24,383	24,379	-4	0.0%	
7.4%	24,321	24,366	45	0.2%	
8.6%	24,312	24,306	-6	0.0%	
9.9%	24,306	24,312	6	0.0%	
11.1%	24,306	24,306	0	0.0%	
12.3%	24,306	24,306	0	0.0%	
13.6%	24,266	24,306	40	0.2%	
14.8%	24,139	24,306	167	0.7%	
16.0%	24,103	24,306	203	0.8%	
17.3%	23,838	24,306	468	2.0%	
18.5%	23,659	24,306	647	2.7%	
19.8%	23,617	24,174	556	2.4%	
21.0%	23,560	24,013	453	1.9%	
22.2%	23,556	23,971	416	1.8%	
23.5%	23,502	23,823	321	1.4%	
24.7%	23,492	23,831	340	1.4%	
25.9%	23,469	23,674	205	0.9%	
27.2%	23,430	23,663	233	1.0%	
28.4%	23,324	23,640	316	1.4%	
29.6%	23,230	23,523	293	1.3%	
30.9%	23,125	23,492	367	1.6%	
32.1%	22,648	23,391	743	3.3%	
33.3%	22,405	23,309	903	4.0%	
34.6%	22,397	22,990	594	2.7%	
35.8%	22,303	22,796	493	2.2%	
37.0%	22,232	22,754	522	2.3%	
38.3%	22,201	22,734	533	2.4%	
39.5%	22,170	22,650	480	2.2%	
40.7%	22,155	22,219	64	0.3%	
42.0%	22,117	22,247	-70	-0.3%	
43.2%	21,918	21,938	20	0.1%	
44.4%	21,733	21,698	-35	-0.2%	
45.7%	21,640	21,121	-520	-2.4%	
46.9%	21,131	21,056	-76	-0.4%	
48.1%	21,009	20,960	-49	-0.2%	
49.4%	20,714	20,832	118	0.6%	
50.6%	20,603	20,715	112	0.5%	
51.9%	20,506	20,486	-20	-0.1%	
53.1%	20,487	20,477	-10	0.0%	
54.3%	20,445	20,457	12	0.1%	
55.6%	20,353	20,445	92	0.5%	
56.8%	20,097	20,083	-14	-0.1%	
58.0%	20,059	19,994	-65	-0.3%	
59.3%	20,037	19,956	-81	-0.4%	
60.5%	19,984	19,946	-39	-0.2%	
61.7%	19,925	19,944	18	0.1%	
63.0%	19,751	19,686	-66	-0.3%	
64.2%	19,745	19,597	-148	-0.7%	
65.4%	19,368	19,572	204	1.1%	
66.7%	19,137	19,492	355	1.9%	
67.9%	18,945	19,372	427	2.3%	
69.1%	18,907	18,897	-11	-0.1%	
70.4%	18,899	18,838	-61	-0.3%	
71.6%	18,815	18,296	-519	-2.8%	
72.8%	18,432	18,053	-379	-2.1%	
74.1%	17,690	17,902	212	1.2%	
75.3%	15,745	17,114	1,369	8.7%	
76.5%	15,155	17,028	1,873	12.4%	
77.8%	15,155	16,899	1,745	11.5%	
79.0%	15,109	16,622	1,514	10.0%	
80.2%	14,589	16,425	1,836	12.6%	
81.5%	13,643	16,260	2,617	19.2%	
82.7%	13,615	15,188	1,572	11.5%	
84.0%	13,505	15,154	1,649	12.2%	
85.2%	13,360	14,571	1,211	9.1%	
86.4%	13,002	14,217	1,215	9.3%	
87.7%	12,947	13,866	920	7.1%	
88.9%	12,856	13,464	609	4.7%	
90.1%	12,618	13,276	657	5.2%	
91.4%	11,956	12,890	934	7.8%	
92.6%	11,157	12,801	1,644	14.7%	
93.8%	11,122	11,958	836	7.5%	
95.1%	10,862	11,151	290	2.7%	
96.3%	9,672	10,643	971	10.0%	
97.5%	9,502	9,703	201	2.1%	
98.8%	9,384	9,622	237	2.5%	
100.0%	8,470	8,786	316	3.7%	

August					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	17,996	17,978	-18	-0.1%	
1.2%	17,209	17,295	86	0.5%	
2.5%	17,135	17,108	-27	-0.2%	
3.7%	17,085	17,086	1	0.0%	
4.9%	17,013	17,013	0	0.0%	
6.2%	17,012	17,003	-9	-0.1%	
7.4%	17,003	16,999	-4	0.0%	
8.6%	16,928	16,976	50	0.3%	
9.9%	16,834	16,950	116	0.7%	
11.1%	16,775	16,929	154	0.9%	
12.3%	16,753	16,918	165	1.0%	
13.6%	16,620	16,735	115	0.7%	
14.8%	16,596	16,755	159	1.0%	
16.0%	16,590	16,737	147	0.9%	
17.3%	16,590	16,596	6	0.0%	
18.5%	16,570	16,572	2	0.0%	
19.8%	16,560	16,560	0	0.0%	
21.0%	16,479	16,534	55	0.3%	
22.2%	16,405	16,405	0	0.0%	
23.5%	16,263	16,405	142	0.9%	
24.7%	16,116	16,343	227	1.4%	
25.9%	16,114	16,282	168	1.0%	
27.2%	16,081	16,280	200	1.2%	
28.4%	16,044	16,222	178	1.1%	
29.6%	16,005	16,215	210	1.3%	
30.9%	15,979	16,044	65	0.4%	
32.1%	15,944	15,946	2	0.0%	
33.3%	15,854	15,838	-16	-0.1%	
34.6%	15,689	15,822	133	0.8%	
35.8%	15,681	15,781	101	0.6%	
37.0%	15,670	15,758	88	0.5%	
38.3%	15,630	15,681	51	0.3%	
39.5%	15,596	15,673	77	0.5%	
40.7%	15,581	15,615	34	0.2%	
42.0%	15,434	15,606	173	1.1%	
43.2%	15,357	15,602	245	1.6%	
44.4%	15,338	15,597	259	1.7%	
45.7%	15,161	15,580	419	2.8%	
46.9%	15,146	15,455	309	2.0%	
48.1%	15,094	15,444	350	2.3%	
49.4%	15,084	15,428	344	2.3%	
50.6%	15,075	15,260	185	1.2%	
51.9%	14,945	15,234	289	1.9%	
53.1%	14,830	15,233	403	2.7%	
54.3%	14,810	15,160	350	2.4%	
55.6%	14,772	15,145	373	2.5%	
56.8%	14,769	15,085	315	2.1%	
58.0%	14,569	15,028	460	3.2%	
59.3%	14,487	14,998	511	3.5%	
60.5%	14,468	14,943</			

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

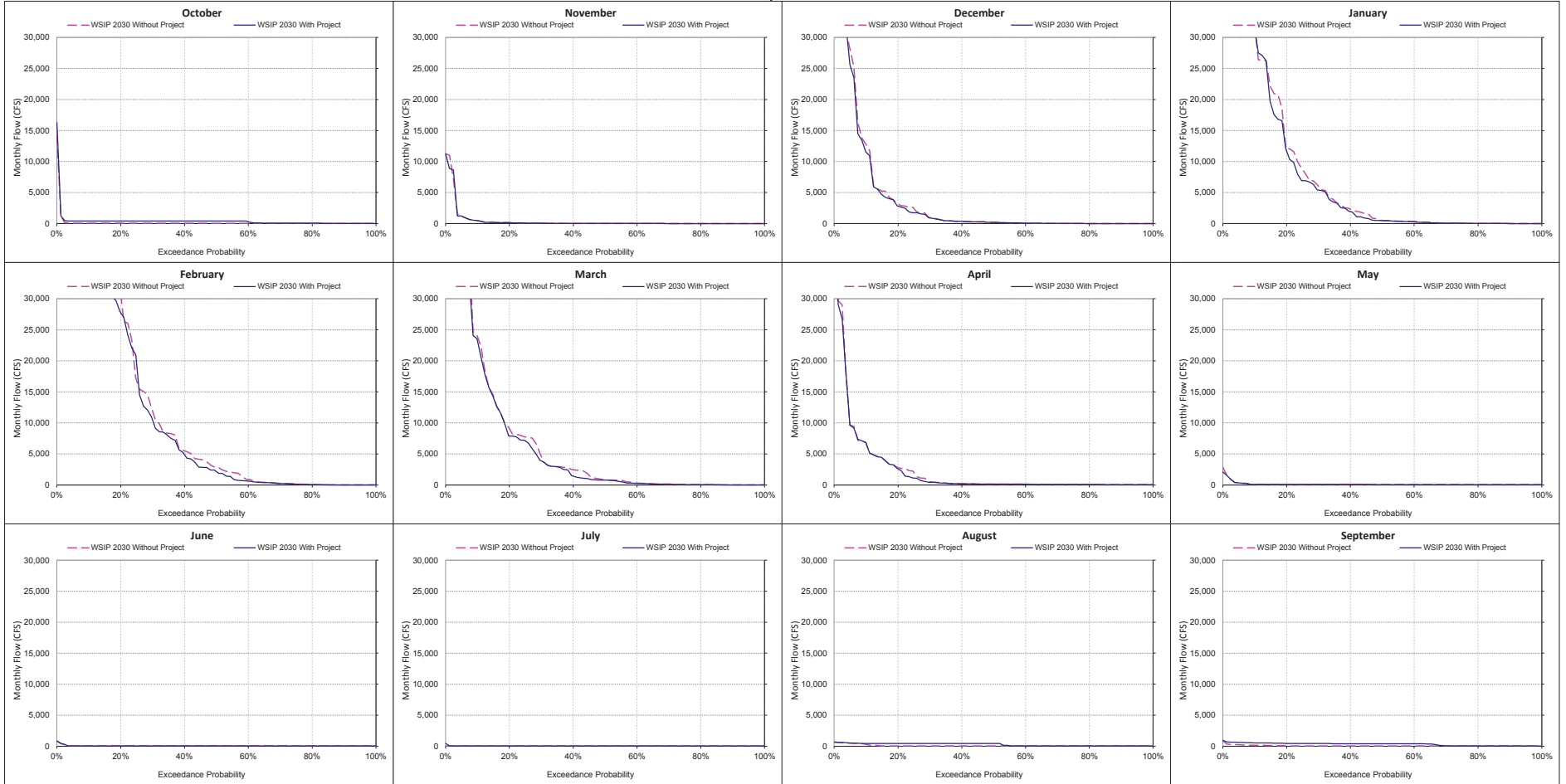


Table SW-31-b

Yolo Bypass, Monthly Flow

Probability of Exceedance

Percent Exceedance Probability	October			
	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	14,206	16,283	2,076	14.6%
1.2%	1,201	1,201	0	0.0%
2.5%	138	449	311	225.0%
3.7%	93	391	297	318.7%
4.9%	76	390	314	413.1%
6.2%	64	390	326	508.2%
7.4%	63	390	327	515.8%
8.6%	63	390	327	516.8%
9.9%	63	390	327	516.8%
11.1%	63	390	327	516.8%
12.3%	63	390	327	516.6%
13.6%	63	390	327	520.9%
14.8%	63	390	327	520.9%
16.0%	63	390	328	523.1%
17.3%	62	390	329	532.0%
18.5%	62	390	329	534.3%
19.8%	61	390	329	536.5%
21.0%	61	390	329	538.8%
22.2%	61	390	329	538.8%
23.5%	61	390	330	543.5%
24.7%	60	390	330	545.9%
25.9%	60	390	330	550.6%
27.2%	59	390	331	557.9%
28.4%	58	390	333	575.5%
29.6%	58	390	333	577.3%
30.9%	56	390	334	593.9%
32.1%	54	390	336	617.1%
33.3%	54	390	336	619.4%
34.6%	54	390	336	622.3%
35.8%	54	390	337	625.2%
37.0%	53	390	337	631.2%
38.3%	53	390	337	634.3%
39.5%	53	390	337	637.2%
40.7%	53	390	338	643.3%
42.0%	52	390	338	648.5%
43.2%	52	390	338	653.1%
44.4%	50	390	340	676.0%
45.7%	49	390	342	702.6%
46.9%	46	390	344	751.1%
48.1%	45	390	345	759.1%
49.4%	45	390	346	771.7%
50.6%	45	390	346	776.2%
51.9%	44	390	346	789.1%
53.1%	43	390	347	798.5%
54.3%	43	390	347	803.1%
55.6%	42	390	348	821.7%
56.8%	42	390	348	824.4%
58.0%	40	390	350	878.4%
59.3%	39	390	351	888.4%
60.5%	38	180	142	371.5%
61.7%	38	100	62	162.7%
63.0%	37	94	56	151.4%
64.2%	37	80	44	119.5%
65.4%	36	63	39	108.1%
66.7%	30	63	34	112.5%
67.9%	29	63	34	117.4%
69.1%	29	63	34	118.5%
70.4%	26	62	36	135.4%
71.6%	24	61	38	157.5%
72.8%	22	61	39	171.6%
74.1%	20	61	41	204.7%
75.3%	18	60	42	229.9%
76.5%	17	54	37	217.2%
77.8%	16	53	37	239.3%
79.0%	15	53	38	263.6%
80.2%	14	50	37	267.8%
81.5%	12	46	34	272.8%
82.7%	12	45	33	275.9%
84.0%	11	43	33	303.0%
85.2%	9	40	31	344.4%
86.4%	8	37	28	350.0%
87.7%	6	36	30	360.0%
88.9%	5	30	25	300.0%
90.1%	4	29	24	292.5%
91.4%	3	26	23	269.2%
92.6%	3	18	15	166.7%
93.8%	3	11	8	111.1%
95.1%	2	8	7	87.5%
96.3%	1	6	5	62.5%
97.5%	0	4	4	100.0%
98.8%	0	3	3	100.0%
100.0%	0	0	0	0.0%

Percent Exceedance Probability	November			
	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	11,269	11,191	-78	-0.7%
1.2%	10,999	8,899	-2,100	-19.1%
2.5%	7,078	8,628	1,548	21.9%
3.7%	1,564	1,219	-344	-22.0%
4.9%	1,168	1,209	41	3.5%
6.2%	933	933	0	0.0%
7.4%	655	655	0	0.0%
8.6%	551	551	0	0.0%
9.9%	489	489	0	0.0%
11.1%	483	353	-130	-27.1%
12.3%	213	213	0	0.0%
13.6%	197	197	0	0.0%
14.8%	187	187	0	0.0%
16.0%	165	165	0	0.0%
17.3%	160	160	0	0.0%
18.5%	156	156	0	0.0%
19.8%	151	155	3	2.2%
21.0%	121	121	0	0.0%
22.2%	109	109	0	0.0%
23.5%	97	97	0	0.0%
24.7%	90	83	-8	-8.6%
25.9%	81	81	0	0.0%
27.2%	66	66	0	0.0%
28.4%	51	51	0	0.0%
29.6%	50	50	0	0.0%
30.9%	49	49	0	0.0%
32.1%	37	37	0	0.0%
33.3%	36	36	0	0.0%
34.6%	35	35	0	0.0%
35.8%	35	35	0	0.0%
37.0%	25	25	0	0.0%
38.3%	20	20	0	0.0%
39.5%	12	12	0	0.0%
40.7%	10	10	0	0.0%
42.0%	10	10	0	0.0%
43.2%	10	10	0	0.0%
44.4%	10	10	0	0.0%
45.7%	10	10	0	0.0%
46.9%	9	9	0	0.0%
48.1%	9	9	0	0.0%
49.4%	9	9	0	0.0%
50.6%	8	8	0	0.0%
51.9%	8	8	0	0.0%
53.1%	7	8	1	14.3%
54.3%	7	7	0	0.0%
55.6%	7	7	0	0.0%
56.8%	7	7	0	0.0%
58.0%	6	7	1	16.7%
59.3%	6	6	1	16.7%
60.5%	5	5	0	0.0%
61.7%	5	5	0	0.0%
63.0%	5	5	0	0.0%
64.2%	5	5	0	0.0%
65.4%	2	3	1	50.0%
66.7%	1	2	1	100.0%
67.9%	1	1	1	100.0%
69.1%	0	0	0	0.0%
70.4%	0	0	0	0.0%
71.6%	0	0	0	0.0%
72.8%	0	0	0	0.0%
74.1%	0	0	0	0.0%
75.3%	0	0	0	0.0%
76.5%	0	0	0	0.0%
77.8%	0	0	0	0.0%
79.0%	0	0	0	0.0%
80.2%	0	0	0	0.0%
81.5%	0	0	0	0.0%
82.7%	0	0	0	0.0%
84.0%	0	0	0	0.0%
85.2%	0	0	0	0.0%
86.4%	0	0	0	0.0%
87.7%	0	0	0	0.0%
88.9%	0	0	0	0.0%
90.1%	0	0	0	0.0%
91.4%	0	0	0	0.0%
92.6%	0	0	0	0.0%
93.8%	0	0	0	0.0%
95.1%	0	0	0	0.0%
96.3%	0	0	0	0.0%
97.5%	0	0	0	0.0%
98.8%	0	0	0	0.0%
100.0%	0	0	0	0.0%

Percent Exceedance Probability	December			
	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	62,698	62,880	182	0.3%
1.2%	51,722	48,323	-3,399	-6.6%
2.5%	34,588	32,910	-1,678	-4.8%
3.7%	30,952	32,094	1,142	3.7%
4.9%	28,126	25,612	-2,514	-8.9%
6.2%	25,252	23,509	-1,743	-6.9%
7.4%	16,277	14,467	-1,811	-11.1%
8.6%	13,819	13,420	-399	-2.9%
9.9%	12,826	11,549	-1,277	-10.0%
11.1%	11,761	10,952	-809	-6.9%
12.3%	6,119	5,943	-176	-2.9%
13.6%	5,624	5,538	-87	-1.5%
14.8%	5,249	4,702	-547	-10.4%
16.0%	5,223	4,220	-1,003	-19.2%
17.3%	4,199	3,985	-214	-5.1%
18.5%	3,838	3,829	-9	-0.2%
19.8%	3,205	2,841	-364	-11.4%
21.0%	2,860	2,633	-227	-7.9%
22.2%	2,818	2,470	-348	-12.3%
23.5%	2,614	1,873	-741	-28.3%
24.7%	2,606	1,739	-867	-33.3%
25.9%	1,856	1,734	-122	-6.6%
27.2%	1,715	1,553	-162	-9.4%
28.4%	1,711	1,488	-223	-12.4%
29.6%	976	913	-63	-6.4%
30.9%	913	826	-87	-9.5%
32.1%	790	728	-62	-7.9%
33.3%	605	605	0	0.0%
34.6%	470	470	0	0.0%
35.8%	442	442	0	0.0%
37.0%	411	411	0	0.0%
38.3%	350	350	0	0.0%
39.5%	349	349	0	0.0%
40.7%	330	330	0	0.0%
42.0%	285	307	22	7.8%
43.2%	281	285	3	1.1%
44.4%	280	280	0	0.0%
45.7%	265	265	0	0.0%
46.9%	261	261	0	0.0%
48.1%	195	195	0	0.0%
49.4%	192	192	0	0.0%
50.6%	178	178	0	0.0%
51.9%	138	138	0	0.0%
53.1%	135	135	0	0.0%
54.3%	122	122	0	0.0%
55.6%	107	107	0	0.0%
56.8%	93	102	10	10.8%
58.0%	81	93	13	16.0%
59.3%	63	63	0	0.0%
60.5%	57	57	0	0.0%
61.7%	57	57	0	0.0%
63.0%	42	47	5	11.9%
64.2%	41	45	3	7.3%
65.4%	41	42	2	4.9%
66.7%	37	41	3	8.1%
67.9%	23	37	15	65.2%
69.1%	20	34	15	75.0%
70.4%	13	23	10	76.9%
71.6%	10	13	3	30.0%
72.8%	5	10	5	100.0%
74.1%	1	9	8	800.0%
75.3%	0	6	6	600.0%
76.5%	0	5	5	500.0%
77.8%	0	3	3	300.0%
79.0%	0	0	0	0.0%
80.2%	0	0	0	0.0%
81.5%	0	0	0	0.0%
82.7%	0	0	0	0.0%
84.0%	0	0	0	0.0%
85.2%	0	0	0	0.0%
86.4%	0	0	0	0.0%
87.7%	0	0	0	0.0%
88.9%	0	0	0	0.0%
90.1%	0	0	0	0.0%
91.4%	0	0	0	0.0%
92.6%	0	0	0	0.0%
93.8%	0	0	0	0.0%
95.1%	0	0	0	0.0%
96.3%	0	0	0	0.0%
97.5%	0	0	0	0.0%
98.8%	0	0	0	0.0%
100.0%	0	0	0	0.0%

Percent Exceedance Probability	January			
	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	143,506	141,445	-2,062	-1.4%
1.2%	124,205	118,580	-5,625	-4.5%
2.5%	88,325	84,144	-4,180	-4.7%
3.7%	83,929	83,545	-384	-0.5%
4.9%	66,883	68,117	1,234	1.8%
6.2%	58,944	59,016	72	0.1%
7.4%	47,765	46,418	-1,347	-2.8%
8.6%	47,086	42,992	-4,094	-8.7%
9.9%	32,617	31,593	-1,024	-3.1%
11.1%	26,420	27,513	1,093	4.1%
12.3%	26,346	27,103	757	2.9%
13.6%	26,236	26,284	48	0.2%
14.8%	22,159	19,774	-2,385	-10.8%
16.0%	20,955	17,572	-3,384	-16.1%
17.3%	20,781			

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

February					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	145,292	145,272	-19	0.0%	
1.2%	119,219	117,190	-2,030	-1.7%	
2.5%	111,701	108,144	-3,558	-3.2%	
3.7%	107,343	107,297	-46	0.0%	
4.9%	102,942	102,877	-65	-0.1%	
6.2%	82,237	82,392	154	0.2%	
7.4%	81,705	78,249	-3,456	-4.2%	
8.6%	60,162	58,488	-1,676	-2.8%	
9.9%	59,071	56,757	-2,314	-3.9%	
11.1%	57,403	53,422	-3,981	-6.9%	
12.3%	47,208	47,092	-116	-0.2%	
13.6%	42,275	38,311	-3,964	-9.4%	
14.8%	35,958	36,103	144	0.4%	
16.0%	34,180	34,194	14	0.0%	
17.3%	33,246	30,294	-2,952	-8.9%	
18.5%	32,625	29,758	-2,867	-8.8%	
19.8%	31,694	28,002	-3,691	-11.6%	
21.0%	26,337	26,947	610	2.3%	
22.2%	26,063	24,118	-1,946	-7.5%	
23.5%	23,368	22,082	-1,286	-5.5%	
24.7%	17,257	20,960	3,703	21.5%	
25.9%	15,386	14,490	-896	-5.8%	
27.2%	15,070	12,694	-2,376	-15.8%	
28.4%	14,562	12,050	-2,512	-17.3%	
29.6%	12,463	10,963	-1,500	-12.0%	
30.9%	10,473	9,139	-1,334	-12.7%	
32.1%	9,875	8,557	-1,319	-13.4%	
33.3%	8,493	8,507	14	0.2%	
34.6%	8,338	8,050	-288	-3.5%	
35.8%	8,260	7,503	-757	-9.2%	
37.0%	8,050	7,200	-850	-10.6%	
38.3%	5,860	5,668	-192	-3.3%	
39.5%	5,561	5,219	-343	-6.2%	
40.7%	5,361	4,319	-1,042	-19.4%	
42.0%	5,079	4,202	-876	-17.3%	
43.2%	4,232	3,700	-532	-12.6%	
44.4%	4,144	2,872	-1,272	-30.7%	
45.7%	4,049	2,842	-1,207	-29.8%	
46.9%	3,766	2,828	-938	-24.9%	
48.1%	3,203	2,418	-785	-24.5%	
49.4%	2,887	2,398	-489	-16.9%	
50.6%	2,823	1,800	-1,023	-36.3%	
51.9%	2,410	1,827	-583	-24.2%	
53.1%	2,175	1,406	-769	-35.4%	
54.3%	2,122	1,365	-757	-35.7%	
55.6%	1,936	879	-1,057	-54.6%	
56.8%	1,882	744	-1,139	-60.5%	
58.0%	1,368	671	-697	-50.8%	
59.3%	909	629	-279	-30.8%	
60.5%	879	596	-283	-32.2%	
61.7%	629	468	-161	-25.6%	
63.0%	468	425	-43	-9.2%	
64.2%	425	389	-36	-8.5%	
65.4%	389	389	0	0.0%	
66.7%	389	355	-34	-8.7%	
67.9%	355	303	-52	-14.6%	
69.1%	303	229	-74	-24.4%	
70.4%	229	227	-2	-0.9%	
71.6%	227	219	-8	-3.5%	
72.8%	219	193	-26	-12.0%	
74.1%	193	137	-56	-29.0%	
75.3%	137	112	-25	-18.2%	
76.5%	112	110	-2	-1.8%	
77.8%	110	85	-25	-22.7%	
79.0%	85	81	-4	-4.7%	
80.2%	81	52	-29	-35.8%	
81.5%	52	51	-1	-1.9%	
82.7%	26	26	0	0.0%	
84.0%	26	26	0	0.0%	
85.2%	24	24	0	0.0%	
86.4%	22	22	0	0.0%	
87.7%	19	19	0	0.0%	
88.9%	0	4	4	100.0%	
90.1%	0	0	0	0.0%	
91.4%	0	0	0	0.0%	
92.6%	0	0	0	0.0%	
93.8%	0	0	0	0.0%	
95.1%	0	0	0	0.0%	
96.3%	0	0	0	0.0%	
97.5%	0	0	0	0.0%	
98.8%	0	0	0	0.0%	
100.0%	0	0	0	0.0%	

March					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	148,855	148,831	-24	0.0%	
1.2%	134,358	129,433	-4,925	-3.7%	
2.5%	80,153	80,159	6	0.0%	
3.7%	56,612	51,797	-4,815	-8.5%	
4.9%	50,292	45,066	-5,226	-10.4%	
6.2%	45,054	44,893	-161	-0.4%	
7.4%	37,594	33,048	-4,546	-12.1%	
8.6%	24,059	24,083	24	0.1%	
9.9%	24,068	23,544	-524	-2.2%	
11.1%	22,282	20,576	-1,706	-7.7%	
12.3%	18,331	17,706	-625	-3.4%	
13.6%	15,712	15,673	-39	-0.3%	
14.8%	14,609	14,235	-375	-2.6%	
16.0%	12,603	12,661	58	0.5%	
17.3%	11,549	11,551	2	0.0%	
18.5%	9,985	9,899	-86	-0.9%	
19.8%	9,289	7,864	-1,425	-15.3%	
21.0%	8,193	7,861	-332	-4.1%	
22.2%	8,148	7,760	-388	-4.8%	
23.5%	8,011	7,216	-795	-9.9%	
24.7%	7,754	7,186	-568	-7.3%	
25.9%	7,639	6,772	-867	-11.3%	
27.2%	7,551	5,815	-1,736	-23.0%	
28.4%	6,638	4,924	-1,714	-25.8%	
29.6%	5,039	3,966	-1,074	-21.3%	
30.9%	3,623	3,623	0	0.0%	
32.1%	3,148	3,117	-31	-1.0%	
33.3%	2,984	2,986	2	0.1%	
34.6%	2,951	2,939	-12	-0.4%	
35.8%	2,937	2,838	-100	-3.4%	
37.0%	2,835	2,485	-349	-12.3%	
38.3%	2,788	2,458	-330	-11.8%	
39.5%	2,485	1,488	-997	-40.1%	
40.7%	2,394	1,306	-1,088	-45.5%	
42.0%	2,365	1,169	-1,196	-50.6%	
43.2%	2,241	1,081	-1,160	-51.8%	
44.4%	1,845	1,028	-817	-44.3%	
45.7%	1,169	868	-302	-25.8%	
46.9%	1,079	804	-274	-25.4%	
48.1%	982	780	-202	-20.6%	
49.4%	865	778	-86	-10.0%	
50.6%	823	775	-48	-5.8%	
51.9%	778	738	-40	-5.1%	
53.1%	772	696	-76	-9.8%	
54.3%	766	549	-217	-28.4%	
55.6%	696	475	-221	-31.8%	
56.8%	475	313	-162	-34.1%	
58.0%	464	306	-158	-34.0%	
59.3%	313	268	-44	-14.0%	
60.5%	257	257	0	0.0%	
61.7%	244	244	0	0.0%	
63.0%	242	220	-22	-9.1%	
64.2%	220	169	-50	-22.7%	
65.4%	169	148	-22	-13.0%	
66.7%	148	131	-17	-11.5%	
67.9%	130	90	-40	-30.8%	
69.1%	119	119	0	0.0%	
70.4%	113	113	0	0.0%	
71.6%	80	80	0	0.0%	
72.8%	77	77	0	0.0%	
74.1%	72	72	0	0.0%	
75.3%	65	65	0	0.0%	
76.5%	62	62	0	0.0%	
77.8%	50	50	0	0.0%	
79.0%	49	49	0	0.0%	
80.2%	47	47	0	0.0%	
81.5%	45	45	0	0.0%	
82.7%	36	36	0	0.0%	
84.0%	30	30	0	0.0%	
85.2%	28	28	0	0.0%	
86.4%	19	19	0	0.0%	
87.7%	13	13	0	0.0%	
88.9%	7	7	0	0.0%	
90.1%	7	7	0	0.0%	
91.4%	7	7	0	0.0%	
92.6%	4	4	0	0.0%	
93.8%	2	2	0	0.0%	
95.1%	0	0	0	0.0%	
96.3%	0	0	0	0.0%	
97.5%	0	0	0	0.0%	
98.8%	0	0	0	0.0%	
100.0%	0	0	0	0.0%	

April					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	41,106	41,071	-35	-0.1%	
1.2%	29,686	29,052	-634	-2.1%	
2.5%	29,044	26,694	-2,351	-8.1%	
3.7%	17,986	17,982	-4	0.0%	
4.9%	9,610	9,610	0	0.0%	
6.2%	9,452	9,153	-299	-3.2%	
7.4%	7,174	7,385	211	2.9%	
8.6%	7,096	7,096	0	0.0%	
9.9%	6,839	6,840	1	0.0%	
11.1%	5,137	5,141	4	0.1%	
12.3%	4,846	4,846	0	0.0%	
13.6%	4,555	4,556	1	0.0%	
14.8%	4,458	4,458	0	0.0%	
16.0%	3,892	3,875	-16	-0.4%	
17.3%	3,336	3,336	0	0.0%	
18.5%	3,271	3,271	0	0.0%	
19.8%	2,814	2,645	-169	-6.0%	
21.0%	2,670	2,293	-377	-14.1%	
22.2%	2,662	1,402	-1,260	-47.3%	
23.5%	2,263	1,315	-948	-42.7%	
24.7%	2,232	1,095	-1,137	-50.9%	
25.9%	1,315	1,079	-236	-17.9%	
27.2%	1,111	668	-443	-39.9%	
28.4%	1,079	558	-521	-48.3%	
29.6%	558	445	-113	-20.2%	
30.9%	445	418	-27	-6.1%	
32.1%	418	383	-35	-8.4%	
33.3%	383	288	-94	-24.7%	
34.6%	288	285	-4	-1.3%	
35.8%	250	250	0	0.0%	
37.0%	219	219	0	0.0%	
38.3%	208	198	-10	-5.0%	
39.5%	198	176	-22	-11.0%	
40.7%	176	176	0	0.0%	
42.0%	167	167	0	0.0%	
43.2%	159	159	0	0.0%	
44.4%	150	150	0	0.0%	
45.7%	142	142	0	0.0%	
46.9%	139	139	0	0.0%	
48.1%	139	139	0	0.0%	
49.4%	131	131	0	0.0%	
50.6%	120	120	0	0.0%	
51.9%	119	119	0	0.0%	
53.1%	119	119	0	0.0%	
54.3%	116	116	0	0.0%	
55.6%	115	115	0	0.0%	
56.8%	114	114	0	0.0%	
58.0%	112	112	0	0.0%	
59.3%	111	111	0	0.0%	
60.5%	111	111	0	0.0%	
61.7%	109	109	0	0.0%	
63.0%	103	103	0	0.0%	
64.2%	99	99	0	0.0%	
65.4%	95	95	0	0.0%	
66.7%	95	95	0	0.0%	
67.9%	90	90	0	0.0%	
69.1%	87	87	0	0.0%	
70.4%	87	87	0	0.0%	
71.6%	86	86	0	0.0%	
72.8%	85	85	0	0.0%	
74.1%	85	85	0	0.0%	
75.3%	82	82	0	0.0%	
76.5%	81	81	0	0.0%	
77.8%	80	80	0	0.0%	
79.0%	78	78	0	0.0%	
80.2%	76	76	0	0.0%	
81.5%	72	72	0	0.0%	
82.7%	71	71	0	0.0%	
84.0%	65				

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

June					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	788	854	66	8.3%	
1.2%	449	0	0	0.0%	
2.5%	266	266	0	0.0%	
3.7%	68	68	0	0.0%	
4.9%	68	68	0	0.0%	
6.2%	68	68	0	0.0%	
7.4%	68	68	0	0.0%	
8.6%	68	68	0	0.0%	
9.9%	68	68	0	0.0%	
11.1%	68	68	0	0.0%	
12.3%	68	68	0	0.0%	
13.6%	68	68	0	0.0%	
14.8%	68	68	0	0.0%	
16.0%	68	68	0	0.0%	
17.3%	68	68	0	0.0%	
18.5%	68	68	0	0.0%	
19.8%	68	68	0	0.0%	
21.0%	68	68	0	0.0%	
22.2%	68	68	0	0.0%	
23.5%	68	68	0	0.0%	
24.7%	68	68	0	0.0%	
25.9%	68	68	0	0.0%	
27.2%	68	68	0	0.0%	
28.4%	68	68	0	0.0%	
29.6%	68	68	0	0.0%	
30.9%	68	68	0	0.0%	
32.1%	68	68	0	0.0%	
33.3%	68	68	0	0.0%	
34.6%	68	68	0	0.0%	
35.8%	68	68	0	0.0%	
37.0%	68	68	0	0.0%	
38.3%	68	68	0	0.0%	
39.5%	68	68	0	0.0%	
40.7%	68	68	0	0.0%	
42.0%	68	68	0	0.0%	
43.2%	68	68	0	0.0%	
44.4%	68	68	0	0.0%	
45.7%	67	67	0	0.0%	
46.9%	67	67	0	0.0%	
48.1%	67	67	0	0.0%	
49.4%	67	67	0	0.0%	
50.6%	67	67	0	0.0%	
51.9%	67	67	0	0.0%	
53.1%	67	67	0	0.0%	
54.3%	67	67	0	0.0%	
55.6%	67	67	0	0.0%	
56.8%	67	67	0	0.0%	
58.0%	67	67	0	0.0%	
59.3%	67	67	0	0.0%	
60.5%	67	67	0	0.0%	
61.7%	66	66	0	0.0%	
63.0%	66	66	0	0.0%	
64.2%	66	66	0	0.0%	
65.4%	66	66	0	0.0%	
66.7%	66	66	0	0.0%	
67.9%	66	66	0	0.0%	
69.1%	66	66	0	0.0%	
70.4%	66	66	0	0.0%	
71.6%	65	65	0	0.0%	
72.8%	65	65	0	0.0%	
74.1%	65	65	0	0.0%	
75.3%	65	65	0	0.0%	
76.5%	65	65	0	0.0%	
77.8%	65	65	0	0.0%	
79.0%	65	65	0	0.0%	
80.2%	64	64	0	0.0%	
81.5%	63	63	0	0.0%	
82.7%	63	63	0	0.0%	
84.0%	63	63	0	0.0%	
85.2%	63	63	0	0.0%	
86.4%	63	63	0	0.0%	
87.7%	63	63	0	0.0%	
88.9%	63	63	0	0.0%	
90.1%	62	62	0	0.0%	
91.4%	62	62	0	0.0%	
92.6%	61	61	0	0.0%	
93.8%	59	59	0	0.0%	
95.1%	57	57	0	0.0%	
96.3%	57	57	0	0.0%	
97.5%	56	56	0	0.0%	
98.8%	56	56	0	0.0%	
100.0%	53	53	0	0.0%	

July					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	48	429	381	791.1%	
1.2%	48	48	0	0.0%	
2.5%	48	48	0	0.0%	
3.7%	48	48	0	0.0%	
4.9%	48	48	0	0.0%	
6.2%	48	48	0	0.0%	
7.4%	48	48	0	0.0%	
8.6%	48	48	0	0.0%	
9.9%	48	48	0	0.0%	
11.1%	48	48	0	0.0%	
12.3%	48	48	0	0.0%	
13.6%	48	48	0	0.0%	
14.8%	48	48	0	0.0%	
16.0%	48	48	0	0.0%	
17.3%	48	48	0	0.0%	
18.5%	48	48	0	0.0%	
19.8%	48	48	0	0.0%	
21.0%	48	48	0	0.0%	
22.2%	48	48	0	0.0%	
23.5%	48	48	0	0.0%	
24.7%	48	48	0	0.0%	
25.9%	48	48	0	0.0%	
27.2%	48	48	0	0.0%	
28.4%	48	48	0	0.0%	
29.6%	48	48	0	0.0%	
30.9%	48	48	0	0.0%	
32.1%	48	48	0	0.0%	
33.3%	48	48	0	0.0%	
34.6%	48	48	0	0.0%	
35.8%	48	48	0	0.0%	
37.0%	48	48	0	0.0%	
38.3%	48	48	0	0.0%	
39.5%	48	48	0	0.0%	
40.7%	48	48	0	0.0%	
42.0%	48	48	0	0.0%	
43.2%	48	48	0	0.0%	
44.4%	48	48	0	0.0%	
45.7%	48	48	0	0.0%	
46.9%	48	48	0	0.0%	
48.1%	48	48	0	0.0%	
49.4%	48	48	0	0.0%	
50.6%	48	48	0	0.0%	
51.9%	48	48	0	0.0%	
53.1%	48	48	0	0.0%	
54.3%	48	48	0	0.0%	
55.6%	48	48	0	0.0%	
56.8%	48	48	0	0.0%	
58.0%	48	48	0	0.0%	
59.3%	48	48	0	0.0%	
60.5%	48	48	0	0.0%	
61.7%	48	48	0	0.0%	
63.0%	48	48	0	0.0%	
64.2%	48	48	0	0.0%	
65.4%	48	48	0	0.0%	
66.7%	48	48	0	0.0%	
67.9%	48	48	0	0.0%	
69.1%	48	48	0	0.0%	
70.4%	48	48	0	0.0%	
71.6%	48	48	0	0.0%	
72.8%	48	48	0	0.0%	
74.1%	48	48	0	0.0%	
75.3%	48	48	0	0.0%	
76.5%	48	48	0	0.0%	
77.8%	48	48	0	0.0%	
79.0%	48	48	0	0.0%	
80.2%	48	48	0	0.0%	
81.5%	48	48	0	0.0%	
82.7%	48	48	0	0.0%	
84.0%	48	48	0	0.0%	
85.2%	48	48	0	0.0%	
86.4%	48	48	0	0.0%	
87.7%	48	48	0	0.0%	
88.9%	48	48	0	0.0%	
90.1%	48	48	0	0.0%	
91.4%	48	48	0	0.0%	
92.6%	48	48	0	0.0%	
93.8%	48	48	0	0.0%	
95.1%	48	48	0	0.0%	
96.3%	48	48	0	0.0%	
97.5%	47	47	0	0.0%	
98.8%	47	47	0	0.0%	
100.0%	41	41	0	0.0%	

August					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	628	693	65	10.3%	
1.2%	610	628	18	3.0%	
2.5%	549	610	60	11.0%	
3.7%	510	576	66	12.9%	
4.9%	502	549	47	9.3%	
6.2%	486	502	16	3.4%	
7.4%	466	486	20	4.3%	
8.6%	431	466	35	8.1%	
9.9%	302	450	148	48.9%	
11.1%	186	445	260	140.0%	
12.3%	164	445	281	170.9%	
13.6%	126	445	320	254.6%	
14.8%	60	445	385	644.2%	
16.0%	55	445	390	711.1%	
17.3%	55	445	390	711.1%	
18.5%	55	445	390	711.1%	
19.8%	55	445	390	711.1%	
21.0%	55	445	390	711.1%	
22.2%	55	445	390	711.1%	
23.5%	55	445	390	711.1%	
24.7%	55	445	390	711.1%	
25.9%	55	445	390	711.1%	
27.2%	55	445	390	711.1%	
28.4%	55	445	390	711.1%	
29.6%	55	445	390	711.1%	
30.9%	55	445	390	711.1%	
32.1%	55	445	390	711.1%	
33.3%	55	445	390	711.1%	
34.6%	55	445	390	711.1%	
35.8%	55	445	390	711.1%	
37.0%	55	445	390	711.1%	
38.3%	55	445	390	711.1%	
39.5%	55	445	390	711.1%	
40.7%	55	445	390	711.1%	
42.0%	55	445	390	710.9%	
43.2%	55	445	390	710.8%	
44.4%	55	445	390	710.4%	
45.7%	55	445	390	710.3%	
46.9%	55	444	389	709.4%	
48.1%	55	444	389	709.4%	
49.4%	55	444	389	709.0%	
50.6%	55	439	385	700.7%	
51.9%	55	431	376	685.5%	
53.1%	55	164	109	199.4%	
54.3%	55	126	71	128.7%	
55.6%	55	55	0	0.0%	
56.8%	55	55	0	0.0%	
58.0%	55	55	0	0.0%	
59.3%	55	55	0	0.0%	
60.5%	55	55	0	0.0%	
61.7%	55	55	0	0.0%	
63.0%	55	55	0	0.0%	
64.2%	55	55	0	0.0%	
65.4%	55	55	0	0.0%	
66.7%	55	55	0	0.0%	
67.9%	55	55	0	0.0%	
69.1%	55	55	0	0.0%	
70.4%	55	55	0	0.0%	
71.6%	55	55	0	0.0%	
72.8%	55	55	0	0.0%	
74.1%	55	55	0	0.0%	
75.3%	55	55	0	0.3%	
76.5%	55	55	0	0.3%	
77.8%	55	55	0	0.3%	
79.0%	55	55	0	0.3%	
80.2%	55	55	0	0.3%	
81.5%	55	55	0	0.3%	
82.7%	55	55	0	0.5%	
84.0%	55	55	0	0.5%	
85.2%	54	55	0	0.5%	
86.4%	54	55	0	0.6%	
87.7%	54	55	0	0.6%	
88.9%	54	55	1	1.0%	
90.1%	54	55	1	1.5%	
91.4%	54	55	1	1.2%	
92.6%	54	55	1	1.3%	
93.8%	54	54	0	0.9%	
95.1%	53	54	0	0.6%	
96.3%	52	53	1	1.8%	
97.5%	50	52	2	4.6%	
98.8%	49	50	1	2.0%	
100.0%	42	42	0	0.0%	

September					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	909	959	50	5.5%	
1.2%	366	700	334	91.2%	
2.5%	279	677	398	142.3%	
3.7%	274	654	380	139.0%	

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

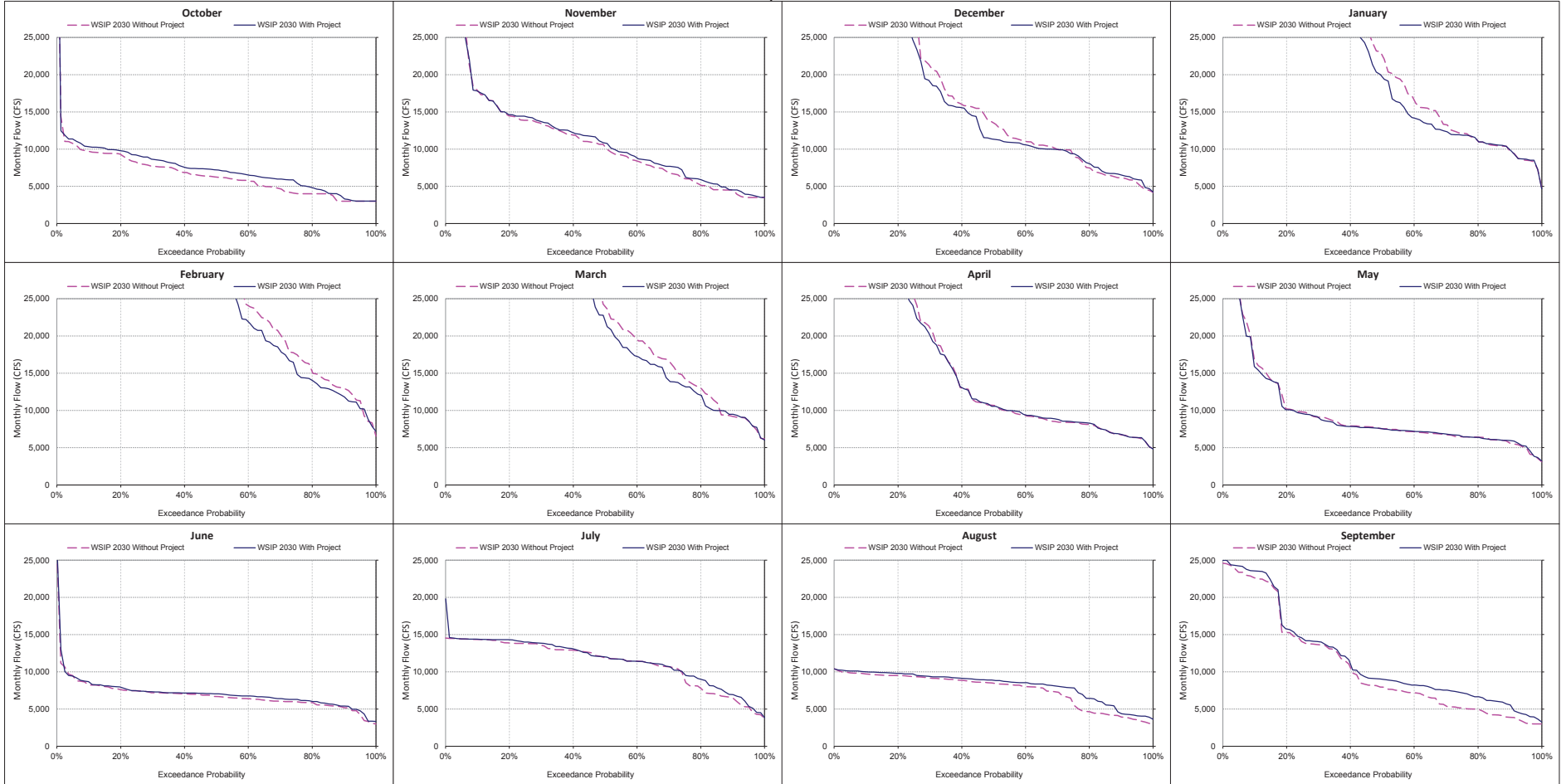


Table SW-32-b
Sacramento River at Rio Vista, Monthly Flow
Probability of Exceedance

October				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	52,043	55,557	3,514	6.8%
1.2%	14,437	12,483	-1,954	-13.5%
2.5%	11,036	11,869	833	7.5%
3.7%	11,009	11,376	366	3.3%
4.9%	10,770	11,353	583	5.4%
6.2%	10,476	11,053	577	5.5%
7.4%	9,934	10,808	874	8.8%
8.6%	9,821	10,405	584	5.9%
9.9%	9,704	10,340	636	6.5%
11.1%	9,590	10,270	680	7.1%
12.3%	9,562	10,256	695	7.3%
13.6%	9,521	10,215	694	7.3%
14.8%	9,444	10,167	723	7.7%
16.0%	9,428	9,948	520	5.5%
17.3%	9,424	9,920	496	5.3%
18.5%	9,421	9,910	489	5.2%
19.8%	9,339	9,804	465	5.0%
21.0%	8,998	9,718	720	8.0%
22.2%	8,650	9,511	861	10.5%
23.5%	8,389	9,255	866	10.2%
24.7%	8,273	9,218	945	11.4%
25.9%	8,012	9,069	1,057	13.2%
27.2%	7,963	8,949	986	12.4%
28.4%	7,870	8,948	1,078	13.7%
29.6%	7,700	8,657	957	12.4%
30.9%	7,670	8,585	915	11.9%
32.1%	7,605	8,525	920	12.1%
33.3%	7,589	8,444	855	11.3%
34.6%	7,575	8,266	692	9.1%
35.8%	7,532	8,134	602	8.0%
37.0%	7,330	8,076	746	10.2%
38.3%	7,043	7,780	737	10.5%
39.5%	6,870	7,630	760	11.1%
40.7%	6,849	7,463	614	9.0%
42.0%	6,616	7,417	802	12.1%
43.2%	6,526	7,299	773	11.8%
44.4%	6,486	7,368	881	13.6%
45.7%	6,413	7,363	950	14.8%
46.9%	6,365	7,342	977	15.4%
48.1%	6,344	7,136	792	12.5%
49.4%	6,267	7,209	942	15.0%
50.6%	6,212	7,171	959	15.5%
51.9%	6,190	7,094	903	14.6%
53.1%	6,148	7,045	896	14.6%
54.3%	6,028	6,872	844	14.0%
55.6%	5,978	6,826	848	14.2%
56.8%	5,838	6,775	936	16.0%
58.0%	5,807	6,705	898	15.5%
59.3%	5,806	6,582	776	13.4%
60.5%	5,681	6,477	796	14.0%
61.7%	5,672	6,448	777	13.7%
63.0%	5,114	6,345	1,231	24.1%
64.2%	5,110	6,208	1,098	21.5%
65.4%	4,962	6,161	1,199	24.2%
66.7%	4,956	6,117	1,161	23.4%
67.9%	4,886	6,035	1,148	23.5%
69.1%	4,762	5,992	1,229	25.8%
70.4%	4,622	5,977	1,355	29.3%
71.6%	4,234	5,891	1,657	39.1%
72.8%	4,212	5,884	1,672	39.7%
74.1%	4,095	5,882	1,787	43.6%
75.3%	4,016	5,409	1,393	34.7%
76.5%	4,000	5,089	1,089	27.2%
77.8%	4,000	5,050	1,050	26.3%
79.0%	4,000	4,931	931	23.3%
80.2%	4,000	4,786	786	19.6%
81.5%	4,000	4,616	616	15.4%
82.7%	4,000	4,540	540	13.5%
84.0%	4,000	4,378	378	9.5%
85.2%	4,000	4,034	34	0.8%
86.4%	3,722	4,000	278	6.0%
87.7%	3,096	4,000	904	29.2%
88.9%	3,000	4,500	1,500	50.0%
90.1%	3,000	3,315	315	10.5%
91.4%	3,000	3,218	218	7.3%
92.6%	3,000	3,082	82	2.7%
93.8%	3,000	3,025	25	0.8%
95.1%	3,000	3,000	0	0.0%
96.3%	3,000	3,000	0	0.0%
97.5%	3,000	3,000	0	0.0%
98.8%	3,000	3,000	0	0.0%
100.0%	3,000	3,000	0	0.0%

November				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	56,706	52,833	-3,873	-6.8%
1.2%	51,706	52,492	786	1.5%
2.5%	42,919	44,572	1,653	3.9%
3.7%	41,021	40,574	-448	-1.1%
4.9%	28,896	28,919	22	0.1%
6.2%	26,390	24,906	-1,484	-5.6%
7.4%	21,366	22,018	652	3.1%
8.6%	18,415	17,808	-606	-2.7%
9.9%	17,944	17,814	-130	-0.7%
11.1%	17,300	17,551	250	1.4%
12.3%	17,295	17,295	0	0.0%
13.6%	16,570	16,525	-45	-0.3%
14.8%	16,503	16,447	-56	-0.3%
16.0%	15,893	15,838	-55	-0.3%
17.3%	15,068	15,025	-43	-0.3%
18.5%	14,872	14,997	125	0.8%
19.8%	14,482	14,635	153	1.1%
21.0%	14,398	14,624	226	1.6%
22.2%	14,334	14,439	105	0.7%
23.5%	13,926	14,432	506	3.6%
24.7%	13,874	14,427	553	4.0%
25.9%	13,865	14,276	411	3.0%
27.2%	13,859	14,200	341	2.5%
28.4%	13,638	13,894	256	1.9%
29.6%	13,507	13,558	51	0.4%
30.9%	13,226	13,591	365	2.8%
32.1%	13,109	13,496	387	3.0%
33.3%	12,796	13,114	318	2.5%
34.6%	12,683	12,784	102	0.8%
35.8%	12,463	12,589	126	1.0%
37.0%	12,234	12,589	355	2.9%
38.3%	11,948	12,523	575	4.8%
39.5%	11,930	12,294	364	3.1%
40.7%	11,850	12,076	226	1.9%
42.0%	11,400	11,992	592	5.2%
43.2%	11,036	11,831	795	7.2%
44.4%	11,020	11,793	773	7.0%
45.7%	10,931	11,729	798	7.3%
46.9%	10,880	11,637	757	7.0%
48.1%	10,649	11,500	851	7.9%
49.4%	10,648	10,879	231	2.2%
50.6%	9,964	10,763	799	8.0%
51.9%	9,604	10,137	533	5.6%
53.1%	9,319	10,045	726	7.8%
54.3%	9,277	9,649	371	4.0%
55.6%	9,169	9,582	413	4.5%
56.8%	9,022	9,534	512	5.7%
58.0%	8,565	9,205	640	7.5%
59.3%	8,502	9,060	558	6.6%
60.5%	8,344	8,675	331	4.0%
61.7%	8,131	8,617	487	6.0%
63.0%	7,889	8,558	669	8.5%
64.2%	7,781	8,468	687	8.8%
65.4%	7,527	8,130	603	8.0%
66.7%	7,478	8,006	528	7.1%
67.9%	7,400	7,826	426	5.8%
69.1%	7,045	7,701	656	9.3%
70.4%	6,741	7,695	954	14.2%
71.6%	6,665	7,609	944	14.2%
72.8%	6,554	7,552	998	15.2%
74.1%	6,121	7,241	1,120	18.3%
75.3%	6,007	6,207	200	3.3%
76.5%	5,997	6,086	88	1.5%
77.8%	5,648	6,033	385	6.8%
79.0%	5,382	6,017	635	11.8%
80.2%	5,112	5,869	756	14.8%
81.5%	5,088	5,663	575	11.3%
82.7%	4,891	5,484	593	12.1%
84.0%	4,549	5,317	768	16.9%
85.2%	4,549	5,301	752	16.5%
86.4%	4,532	4,913	381	8.4%
87.7%	4,503	4,900	397	8.8%
88.9%	4,500	4,551	51	1.1%
90.1%	4,500	4,500	0	0.0%
91.4%	4,500	4,500	0	0.0%
92.6%	4,283	4,289	66	1.5%
93.8%	3,500	3,939	439	12.5%
95.1%	3,500	3,897	397	11.3%
96.3%	3,500	3,807	307	8.8%
97.5%	3,500	3,652	152	4.3%
98.8%	3,500	3,500	0	0.0%
100.0%	3,500	3,500	0	0.0%

December				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	131,088	131,283	196	0.1%
1.2%	99,911	95,586	-4,325	-4.3%
2.5%	97,295	95,493	-1,802	-1.8%
3.7%	88,101	82,942	-5,159	-5.9%
4.9%	83,657	81,665	-1,992	-2.4%
6.2%	73,157	73,490	333	0.5%
7.4%	69,083	70,008	925	1.3%
8.6%	68,514	69,994	1,480	2.2%
9.9%	66,615	63,638	-3,176	-4.8%
11.1%	53,708	51,772	-1,936	-3.6%
12.3%	51,895	50,189	-1,706	-3.3%
13.6%	49,420	48,251	-1,169	-2.4%
14.8%	36,097	35,407	-691	-1.9%
16.0%	35,576	34,040	-1,536	-4.3%
17.3%	35,313	32,286	-3,027	-8.6%
18.5%	34,557	32,050	-2,507	-7.3%
19.8%	34,169	31,857	-2,312	-6.8%
21.0%	32,111	29,611	-2,500	-7.8%
22.2%	29,721	27,410	-2,311	-7.8%
23.5%	28,667	26,188	-2,479	-8.6%
24.7%	27,928	24,650	-3,278	-11.7%
25.9%	27,468	23,379	-4,089	-14.9%
27.2%	22,195	21,808	-387	-1.7%
28.4%	21,896	19,463	-2,433	-11.1%
29.6%	21,393	19,249	-2,144	-10.0%
30.9%	20,650	18,534	-2,115	-10.2%
32.1%	20,457	18,476	-1,981	-9.7%
33.3%	19,504	17,742	-1,762	-9.0%
34.6%	18,109	16,394	-1,715	-9.5%
35.8%	17,175	15,877	-1,299	-7.6%
37.0%	17,121	15,828	-1,293	-7.6%
38.3%	16,348	15,644	-704	-4.3%
39.5%	16,132	15,607	-525	-3.3%
40.7%	15,830	15,493	-337	-2.1%
42.0%	15,803	14,872	-932	-5.9%
43.2%	15,671	14,468	-1,203	-7.7%
44.4%	15,479	14,380	-1,099	-7.1%
45.7%	15,465	12,664	-2,801	-18.1%
46.9%	14,726	11,539	-3,187	-21.6%
48.1%	13,871	11,500	-2,371	-17.1%
49.4%	13,663	11,355	-2,308	-16.9%
50.6%	13,346	11,275	-2,071	-15.5%
51.9%	12,803	11,235	-1,569	-12.3%
53.1%	12,632	11,004	-1,628	-12.9%
54.3%	11,848	10,930	-917	-7.7%
55.6%	11,514	10,884	-630	-5.5%
56.8%	11,451	10,879	-572	-5.0%
58.0%	11,280	10,828	-452	-4.0%
59.3%	11,125	10,611	-514	-4.6%
60.5%	11,004	10,539	-465	-4.2%
61.7%	10,974	10,408	-567	-5.2%
63.0%	10,539	10,224	-315	-3.0%
64.2%	10,538	10,095	-443	-4.2%
65.4%	10,535	10,041	-493	-4.7%
66.7%	10,433	10,016	-417	-4.0%
67.9%	10,376	10,008	-367	-3.5%
69.1%	10,123	9,960	-163	-1.6%
70.4%	9,911	9,828	-83	-0.8%
71.6%	9,903	9,900	-3	-0.1%
72.8%	9,901	9,737	-164	-1.7%
74.1%	9,880	9,417	-463	-4.7%
75.3%	8,952	9,365	413	4.6%
76.5%	8,830	9,096	266	3.0%
77.8%	8,295	8,624	329	4.0%
79.0%	7,543	8,197	653	8.7%
80.2%	7,450	8,019	569	7.6%
81.5%	6,950	7,591	641	

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

Percent Exceedance Probability	February			
	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	212,562	212,539	-23	0.0%
1.2%	187,146	185,119	-2,027	-1.1%
2.5%	182,361	178,137	-4,223	-2.3%
3.7%	176,664	177,534	870	0.5%
4.9%	165,279	165,212	-68	0.0%
6.2%	152,536	152,701	165	0.1%
7.4%	149,398	145,883	-3,515	-2.4%
8.6%	123,218	119,721	-3,497	-2.8%
9.9%	121,621	118,760	-2,862	-2.3%
11.1%	120,778	118,226	-2,552	-2.1%
12.3%	112,749	112,619	-130	-0.1%
13.6%	102,851	99,274	-3,578	-3.5%
14.8%	99,323	94,889	-4,433	-4.5%
16.0%	94,637	94,809	172	0.2%
17.3%	93,822	93,705	-117	-0.1%
18.5%	93,690	88,663	-5,027	-5.4%
19.8%	87,857	85,946	-1,912	-2.2%
21.0%	80,153	77,427	-2,725	-3.4%
22.2%	79,960	77,038	-2,922	-3.7%
23.5%	75,925	76,663	738	1.0%
24.7%	73,329	76,594	3,265	4.5%
25.9%	71,982	72,630	648	0.9%
27.2%	65,544	63,329	-2,215	-3.4%
28.4%	63,890	61,250	-2,641	-4.1%
29.6%	63,763	60,338	-3,425	-5.4%
30.9%	56,717	53,985	-2,733	-4.8%
32.1%	56,013	53,947	-2,067	-3.7%
33.3%	53,927	53,388	-540	-1.0%
34.6%	53,386	51,468	-1,918	-3.6%
35.8%	51,488	50,890	-598	-1.2%
37.0%	49,986	47,786	-2,201	-4.4%
38.3%	49,846	46,462	-3,384	-6.8%
39.5%	49,261	45,606	-3,655	-7.4%
40.7%	47,300	44,724	-2,576	-5.4%
42.0%	43,622	44,439	817	1.9%
43.2%	43,264	43,204	-60	-0.1%
44.4%	39,645	39,648	3	0.0%
45.7%	39,157	37,323	-1,834	-4.7%
46.9%	37,216	36,429	-788	-2.1%
48.1%	36,417	35,570	-847	-2.3%
49.4%	34,119	31,005	-3,113	-9.1%
50.6%	32,570	29,400	-3,180	-9.8%
51.9%	31,726	29,231	-2,495	-7.9%
53.1%	31,424	28,328	-3,096	-9.9%
54.3%	29,564	27,905	-1,659	-5.6%
55.6%	29,071	25,750	-3,322	-11.4%
56.8%	26,823	24,236	-2,587	-9.6%
58.0%	26,054	22,281	-3,773	-14.5%
59.3%	24,271	22,232	-2,039	-8.4%
60.5%	23,930	21,674	-2,256	-9.4%
61.7%	23,740	21,025	-2,715	-11.4%
63.0%	23,135	20,765	-2,370	-10.2%
64.2%	22,482	20,748	-1,734	-7.7%
65.4%	22,324	19,369	-2,955	-13.2%
66.7%	21,827	19,198	-2,629	-12.0%
67.9%	20,911	18,720	-2,191	-10.5%
69.1%	20,778	18,561	-2,217	-10.7%
70.4%	19,984	17,828	-2,157	-10.8%
71.6%	19,316	17,489	-1,827	-9.5%
72.8%	17,858	16,674	-1,184	-6.6%
74.1%	17,765	16,465	-1,300	-7.3%
75.3%	17,471	14,854	-2,617	-15.0%
76.5%	16,866	14,402	-2,463	-14.6%
77.8%	16,427	14,366	-2,063	-12.6%
79.0%	16,274	14,303	-1,971	-12.1%
80.2%	14,986	13,981	-1,004	-6.7%
81.5%	14,896	13,586	-1,310	-8.8%
82.7%	14,531	13,041	-1,490	-10.3%
84.0%	14,161	11,811	-2,350	-16.6%
85.2%	14,037	12,903	-1,134	-8.1%
86.4%	13,433	12,698	-735	-5.5%
87.7%	13,165	12,429	-736	-5.6%
88.9%	13,061	12,136	-925	-7.1%
90.1%	12,939	11,811	-1,128	-8.7%
91.4%	12,690	11,263	-1,427	-11.2%
92.6%	12,134	11,147	-987	-8.1%
93.8%	11,397	11,126	-270	-2.4%
95.1%	11,306	10,234	-1,072	-9.5%
96.3%	9,290	10,187	897	9.7%
97.5%	8,540	9,815	1,275	15.0%
98.8%	8,335	7,845	-490	-5.9%
100.0%	6,561	7,221	660	10.1%

Percent Exceedance Probability	March			
	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	217,773	217,750	-23	0.0%
1.2%	201,205	196,301	-4,904	-2.4%
2.5%	148,617	148,622	6	0.0%
3.7%	122,093	116,761	-5,332	-4.4%
4.9%	110,717	108,491	-2,226	-2.0%
6.2%	108,477	104,830	-3,648	-3.4%
7.4%	99,285	94,215	-5,070	-5.1%
8.6%	79,581	76,688	-2,893	-3.6%
9.9%	76,665	73,919	-2,746	-3.6%
11.1%	70,879	70,521	-358	-0.5%
12.3%	69,130	70,038	909	1.3%
13.6%	68,870	69,199	329	0.5%
14.8%	68,614	68,566	-47	-0.1%
16.0%	63,037	63,037	0	0.0%
17.3%	60,767	60,137	-630	-1.0%
18.5%	57,616	57,645	28	0.0%
19.8%	56,746	56,755	9	0.0%
21.0%	56,018	55,819	-200	-0.4%
22.2%	55,335	55,609	274	0.5%
23.5%	54,901	54,547	-354	-0.6%
24.7%	50,830	49,597	-1,234	-2.4%
25.9%	50,529	48,334	-2,195	-4.3%
27.2%	50,089	47,319	-2,770	-5.5%
28.4%	49,962	45,865	-4,097	-8.2%
29.6%	49,328	45,040	-4,289	-8.7%
30.9%	42,397	41,600	-796	-1.9%
32.1%	40,410	38,143	-2,267	-5.6%
33.3%	39,900	36,082	-3,818	-9.6%
34.6%	35,743	35,680	-63	-0.2%
35.8%	35,717	35,046	-671	-1.9%
37.0%	35,600	34,873	-727	-2.0%
38.3%	35,464	33,106	-2,358	-6.6%
39.5%	34,465	32,302	-2,163	-6.3%
40.7%	33,563	31,182	-2,381	-7.1%
42.0%	33,161	30,522	-2,639	-8.0%
43.2%	33,217	30,516	-2,701	-8.1%
44.4%	30,952	27,186	-3,766	-12.2%
45.7%	28,634	26,207	-2,427	-8.5%
46.9%	28,226	23,881	-4,345	-15.4%
48.1%	26,742	22,813	-3,929	-14.7%
49.4%	24,287	22,789	-1,498	-6.2%
50.6%	23,400	21,369	-2,031	-8.7%
51.9%	22,297	20,857	-1,440	-6.5%
53.1%	22,194	19,911	-2,282	-10.3%
54.3%	21,646	19,355	-2,291	-10.6%
55.6%	20,865	18,479	-2,386	-11.4%
56.8%	20,836	18,453	-2,383	-11.4%
58.0%	20,425	17,820	-2,606	-12.8%
59.3%	19,884	17,362	-2,522	-12.7%
60.5%	19,344	17,203	-2,142	-11.1%
61.7%	19,336	16,846	-2,490	-12.9%
63.0%	18,787	16,709	-2,079	-11.1%
64.2%	18,276	16,203	-2,073	-11.3%
65.4%	17,363	16,181	-1,182	-6.8%
66.7%	17,167	15,913	-1,254	-7.3%
67.9%	16,951	15,792	-1,159	-6.8%
69.1%	16,891	14,407	-2,484	-14.7%
70.4%	16,460	13,878	-2,582	-15.7%
71.6%	15,816	13,821	-1,995	-12.6%
72.8%	14,976	13,772	-1,204	-8.0%
74.1%	14,818	13,414	-1,403	-9.5%
75.3%	14,107	13,174	-933	-6.6%
76.5%	13,799	13,172	-627	-4.5%
77.8%	13,478	12,628	-850	-6.3%
79.0%	13,205	12,199	-1,006	-7.6%
80.2%	12,913	12,027	-886	-6.9%
81.5%	12,259	10,629	-1,630	-13.3%
82.7%	12,024	10,303	-1,721	-14.3%
84.0%	11,425	10,037	-1,388	-12.1%
85.2%	10,862	9,875	-987	-9.1%
86.4%	9,400	9,973	573	6.1%
87.7%	9,382	9,901	519	5.5%
88.9%	9,332	9,504	172	1.8%
90.1%	9,194	9,500	306	3.3%
91.4%	9,086	9,333	247	2.7%
92.6%	9,067	9,093	25	0.3%
93.8%	9,004	9,064	59	0.7%
95.1%	8,524	8,596	72	0.8%
96.3%	7,963	7,892	-70	-0.9%
97.5%	7,349	7,742	393	5.3%
98.8%	6,815	6,219	-596	-8.7%
100.0%	6,180	6,034	-146	-2.4%

Percent Exceedance Probability	April			
	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	106,176	106,138	-39	0.0%
1.2%	94,412	94,420	9	0.0%
2.5%	89,715	86,244	-3,471	-3.9%
3.7%	60,451	60,444	-7	0.0%
4.9%	53,314	53,622	309	0.6%
6.2%	52,823	53,320	497	0.9%
7.4%	51,417	51,431	13	0.0%
8.6%	51,139	49,605	-1,534	-3.0%
9.9%	48,598	48,642	44	0.1%
11.1%	45,459	44,561	-898	-2.0%
12.3%	44,566	42,933	-1,632	-3.7%
13.6%	35,420	34,397	-1,024	-2.9%
14.8%	34,419	34,073	-347	-1.0%
16.0%	34,077	32,703	-1,373	-4.0%
17.3%	33,434	31,572	-1,861	-5.6%
18.5%	33,318	30,918	-2,400	-7.2%
19.8%	30,771	30,696	-75	-0.2%
21.0%	29,088	27,804	-1,284	-4.4%
22.2%	27,760	26,253	-1,507	-5.4%
23.5%	25,907	24,784	-1,124	-4.3%
24.7%	25,539	24,098	-1,441	-5.6%
25.9%	24,139	22,367	-1,772	-7.3%
27.2%	21,816	21,711	-105	-0.5%
28.4%	21,804	21,272	-532	-2.4%
29.6%	21,370	20,391	-979	-4.6%
30.9%	20,495	19,242	-1,253	-6.1%
32.1%	18,842	18,779	-63	-0.3%
33.3%	18,676	17,578	-1,098	-5.9%
34.6%	17,457	17,457	0	0.0%
35.8%	16,528	16,488	-40	-0.2%
37.0%	16,016	15,625	-391	-2.4%
38.3%	14,786	13,106	-1,680	-11.4%
39.5%	13,074	13,212	138	1.1%
40.7%	12,906	12,927	22	0.2%
42.0%	12,863	12,743	-120	-0.9%
43.2%	11,901	11,468	-433	-3.6%
44.4%	11,148	11,534	386	3.5%
45.7%	11,068	11,175	107	1.0%
46.9%	10,987	11,029	42	0.4%
48.1%	10,745	10,920	175	1.6%
49.4%	10,702	10,576	-127	-1.2%
50.6%	10,648	10,541	-107	-1.0%
51.9%	10,195	10,346	151	1.5%
53.1%	10,034	10,114	80	0.8%
54.3%	10,005	9,974	-31	-0.3%
55.6%	9,893	9,972	80	0.8%
56.8%	9,600	9,912	311	3.2%
58.0%	9,480	9,384	-96	-1.0%
59.3%	9,420	9,485	65	0.7%
60.5%	9,249	9,350	102	1.1%
61.7%	9,198	9,338	140	1.5%
63.0%	9,137	9,249	111	1.2%
64.2%	8,992	9,119	127	1.4%
65.4%	8,918	8,977	58	0.7%
66.7%	8,729	8,954	225	2.6%
67.9%	8,564	8,947	383	4.5%
69.1%	8,530	8,873	343	4.0%
70.4%	8,434	8,768	334	4.0%
71.6%	8,421	8,576	155	1.8%
72.8%	8,399	8,563	164	2.0%
74.1%	8,397	8,537	141	

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

June				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	26,325	27,087	762	2.9%
1.2%	11,158	12,899	1,840	16.5%
2.5%	10,662	10,035	-627	-5.9%
3.7%	9,686	9,491	-195	-2.0%
4.9%	9,491	9,434	-57	-0.6%
6.2%	8,791	9,187	396	4.5%
7.4%	8,734	8,843	109	1.2%
8.6%	8,660	8,763	103	1.2%
9.9%	8,241	8,668	428	5.2%
11.1%	8,217	8,305	88	1.1%
12.3%	8,216	8,265	49	0.6%
13.6%	8,126	8,241	115	1.4%
14.8%	8,025	8,126	101	1.3%
16.0%	7,980	8,117	137	1.7%
17.3%	7,780	8,034	254	3.3%
18.5%	7,760	8,018	258	3.3%
19.8%	7,630	7,977	347	4.5%
21.0%	7,626	7,780	254	3.4%
22.2%	7,474	7,630	156	2.1%
23.5%	7,467	7,467	0	0.0%
24.7%	7,454	7,454	0	0.0%
25.9%	7,444	7,405	-39	-0.5%
27.2%	7,416	7,402	-14	-0.2%
28.4%	7,328	7,329	1	0.0%
29.6%	7,195	7,195	114	1.6%
30.9%	7,195	7,285	91	1.3%
32.1%	7,186	7,274	88	1.2%
33.3%	7,167	7,206	40	0.6%
34.6%	7,136	7,196	60	0.8%
35.8%	7,121	7,195	74	1.0%
37.0%	7,107	7,186	79	1.1%
38.3%	7,068	7,167	98	1.4%
39.5%	7,036	7,163	127	1.8%
40.7%	7,022	7,160	138	2.0%
42.0%	6,986	7,150	164	2.4%
43.2%	6,984	7,140	156	2.3%
44.4%	6,979	7,113	134	1.9%
45.7%	6,867	7,106	239	3.5%
46.9%	6,862	7,070	208	3.0%
48.1%	6,849	7,062	213	3.1%
49.4%	6,696	7,054	358	5.4%
50.6%	6,413	6,868	455	6.9%
51.9%	6,618	7,016	398	6.0%
53.1%	6,565	6,936	371	5.7%
54.3%	6,528	6,867	339	5.2%
55.6%	6,483	6,824	341	5.3%
56.8%	6,472	6,785	314	4.8%
58.0%	6,413	6,768	355	5.5%
59.3%	6,403	6,750	346	5.4%
60.5%	6,378	6,748	371	5.8%
61.7%	6,306	6,715	409	6.5%
63.0%	6,305	6,665	360	5.7%
64.2%	6,223	6,638	414	6.7%
65.4%	6,181	6,600	419	6.8%
66.7%	6,115	6,587	472	7.7%
67.9%	6,071	6,456	386	6.4%
69.1%	6,068	6,413	345	5.7%
70.4%	6,049	6,400	351	5.8%
71.6%	6,001	6,324	323	5.4%
72.8%	5,999	6,305	307	5.1%
74.1%	5,996	6,305	309	5.2%
75.3%	5,965	6,288	322	5.4%
76.5%	5,887	6,163	276	4.7%
77.8%	5,870	6,145	276	4.7%
79.0%	5,860	6,112	251	4.3%
80.2%	5,850	6,019	169	2.9%
81.5%	5,563	5,995	432	7.8%
82.7%	5,538	5,811	274	4.9%
84.0%	5,535	5,796	260	4.7%
85.2%	5,464	5,668	204	3.7%
86.4%	5,418	5,654	236	4.3%
87.7%	5,398	5,537	139	2.6%
88.9%	5,326	5,418	92	1.7%
90.1%	5,171	5,412	241	4.7%
91.4%	5,162	5,200	38	0.7%
92.6%	4,776	4,968	192	4.0%
93.8%	4,773	4,955	182	3.8%
95.1%	4,240	4,373	533	12.6%
96.3%	3,457	4,334	877	25.4%
97.5%	3,327	3,356	29	0.9%
98.8%	3,096	3,253	157	5.1%
100.0%	2,983	3,327	343	11.5%

July				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	14,538	19,802	5,264	36.2%
1.2%	14,488	14,598	111	0.8%
2.5%	14,460	14,529	69	0.5%
3.7%	14,439	14,476	37	0.3%
4.9%	14,402	14,441	39	0.3%
6.2%	14,395	14,433	38	0.3%
7.4%	14,390	14,402	12	0.1%
8.6%	14,363	14,390	27	0.2%
9.9%	14,350	14,385	35	0.2%
11.1%	14,345	14,350	5	0.0%
12.3%	14,317	14,350	33	0.2%
13.6%	14,307	14,336	28	0.2%
14.8%	14,225	14,335	110	0.8%
16.0%	14,221	14,335	113	0.8%
17.3%	14,017	14,334	318	2.3%
18.5%	13,906	14,332	426	3.1%
19.8%	13,893	14,317	424	3.1%
21.0%	13,827	14,277	450	3.3%
22.2%	13,826	14,192	367	2.7%
23.5%	13,824	14,102	279	2.0%
24.7%	13,810	14,012	203	1.5%
25.9%	13,792	14,011	219	1.6%
27.2%	13,775	13,922	146	1.1%
28.4%	13,773	13,883	110	0.8%
29.6%	13,659	13,601	-58	-0.4%
30.9%	13,478	13,817	340	2.5%
32.1%	13,124	13,712	588	4.5%
33.3%	13,091	13,683	592	4.5%
34.6%	12,971	13,386	415	3.2%
35.8%	12,966	13,383	418	3.2%
37.0%	12,947	13,285	338	2.6%
38.3%	12,924	13,183	259	2.0%
39.5%	12,922	13,132	210	1.6%
40.7%	12,875	12,994	118	0.9%
42.0%	12,822	12,822	1	0.0%
43.2%	12,716	12,601	-115	-0.9%
44.4%	12,639	12,559	-80	-0.6%
45.7%	12,562	12,173	-389	-3.1%
46.9%	12,199	12,090	-108	-0.9%
48.1%	12,115	12,081	-33	-0.3%
49.4%	11,956	12,025	68	0.6%
50.6%	11,772	11,857	85	0.7%
51.9%	11,765	11,765	0	0.0%
53.1%	11,743	11,723	-21	-0.2%
54.3%	11,696	11,710	14	0.1%
55.6%	11,676	11,662	-14	-0.1%
56.8%	11,460	11,435	-25	-0.2%
58.0%	11,458	11,418	-40	-0.4%
59.3%	11,456	11,417	-39	-0.3%
60.5%	11,427	11,398	-29	-0.3%
61.7%	11,374	11,383	8	0.1%
63.0%	11,296	11,255	-41	-0.4%
64.2%	11,206	11,163	-43	-0.4%
65.4%	10,996	11,116	120	1.1%
66.7%	10,810	11,084	274	2.5%
67.9%	10,740	10,999	259	2.4%
69.1%	10,721	10,738	18	0.2%
70.4%	10,653	10,665	12	0.1%
71.6%	10,544	10,210	-334	-3.3%
72.8%	10,389	10,209	-179	-1.7%
74.1%	9,962	10,081	120	1.2%
75.3%	8,544	9,489	945	11.1%
76.5%	8,130	9,419	1,289	15.9%
77.8%	8,123	9,419	1,296	16.0%
79.0%	8,100	9,097	998	12.3%
80.2%	7,703	8,954	1,251	16.2%
81.5%	7,155	8,813	1,658	23.2%
82.7%	7,091	8,153	1,062	15.0%
84.0%	7,070	8,089	1,029	14.6%
85.2%	6,968	7,817	850	12.3%
86.4%	6,748	7,638	890	13.2%
87.7%	6,670	7,276	606	9.1%
88.9%	6,614	6,967	353	5.3%
90.1%	6,441	6,933	492	7.6%
91.4%	5,990	6,703	714	11.9%
92.6%	4,554	6,571	1,017	18.3%
93.8%	5,313	6,029	716	13.5%
95.1%	5,282	5,363	81	1.5%
96.3%	4,506	5,106	599	13.3%
97.5%	4,295	4,538	244	5.7%
98.8%	4,235	4,295	60	1.4%
100.0%	3,721	3,846	125	3.4%

August				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	10,422	10,410	-12	-0.1%
1.2%	10,154	10,236	82	0.8%
2.5%	9,981	10,217	236	2.4%
3.7%	9,967	10,146	179	1.8%
4.9%	9,864	10,115	251	2.5%
6.2%	9,827	10,113	287	2.9%
7.4%	9,826	10,113	287	2.9%
8.6%	9,789	10,030	241	2.5%
9.9%	9,711	10,008	296	3.1%
11.1%	9,676	9,981	305	3.2%
12.3%	9,617	9,979	362	3.8%
13.6%	9,588	9,916	328	3.4%
14.8%	9,560	9,912	352	3.7%
16.0%	9,524	9,883	359	3.8%
17.3%	9,513	9,862	348	3.7%
18.5%	9,510	9,826	317	3.3%
19.8%	9,498	9,802	304	3.2%
21.0%	9,493	9,792	299	3.2%
22.2%	9,474	9,729	255	2.7%
23.5%	9,407	9,724	317	3.4%
24.7%	9,365	9,712	347	3.7%
25.9%	9,332	9,498	166	1.8%
27.2%	9,305	9,454	149	1.6%
28.4%	9,246	9,420	174	1.9%
29.6%	9,187	9,379	191	2.1%
30.9%	9,134	9,337	203	2.2%
32.1%	9,116	9,337	221	2.4%
33.3%	9,064	9,323	260	2.9%
34.6%	9,049	9,309	260	2.9%
35.8%	9,000	9,278	279	3.1%
37.0%	8,982	9,212	230	2.6%
38.3%	8,917	9,166	249	2.8%
39.5%	8,867	9,160	293	3.3%
40.7%	8,834	9,116	281	3.2%
42.0%	8,770	9,074	304	3.5%
43.2%	8,669	8,965	297	3.4%
44.4%	8,615	8,957	342	4.0%
45.7%	8,604	8,938	334	3.9%
46.9%	8,597	8,914	318	3.7%
48.1%	8,540	8,911	371	4.3%
49.4%	8,511	8,902	391	4.6%
50.6%	8,419	8,834	415	4.9%
51.9%	8,357	8,809	452	5.4%
53.1%	8,342	8,701	359	4.3%
54.3%	8,310	8,682	371	4.5%
55.6%	8,245	8,596	351	4.3%
56.8%	8,208	8,561	353	4.3%
58.0%	8,208	8,541	333	4.1%
59.3%	8,038	8,540	503	6.3%
60.5%	8,001	8,539	538	6.7%
61.7%	7,979	8,391	412	5.2%
63.0%	7,968	8,374	406	5.1%
64.2%	7,877	8,358	481	6.1%
65.4%	7,817	8,350	532	6.8%
66.7%	7,405	8,207	802	10.8%
67.9%	7,401	8,186	785	10.6%
69.1%	7,325	8,107	782	10.7%
70.4%	7,244	8,030	786	10.9%
71.6%	6,744	7,968	1,224	18.1%
72.8%	6,634	7,903	1,269	19.1%
74.1%	6,485	7,870	1,384	21.3%
75.3%	5,454	7,837	2,383	43.7%
76.5%	5,023	7,201	2,179	43.4%
77.8%	4,748	6,957	2,209	46.5%
79.0%	4,689	6,447	1,758	37.5%
80.2%	4,609	6,424	1,815	39.4%
81.5%	4,442	6,369	1,927	43.4%
82.7%	4,439	6,049	1,610	36.3%
84.0%	4,412	5,958	1,547	35.1%
85.2%	4,309	5,537	1,228	28.5%
86.4%	4,190	5,518	1,328	31.7%

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

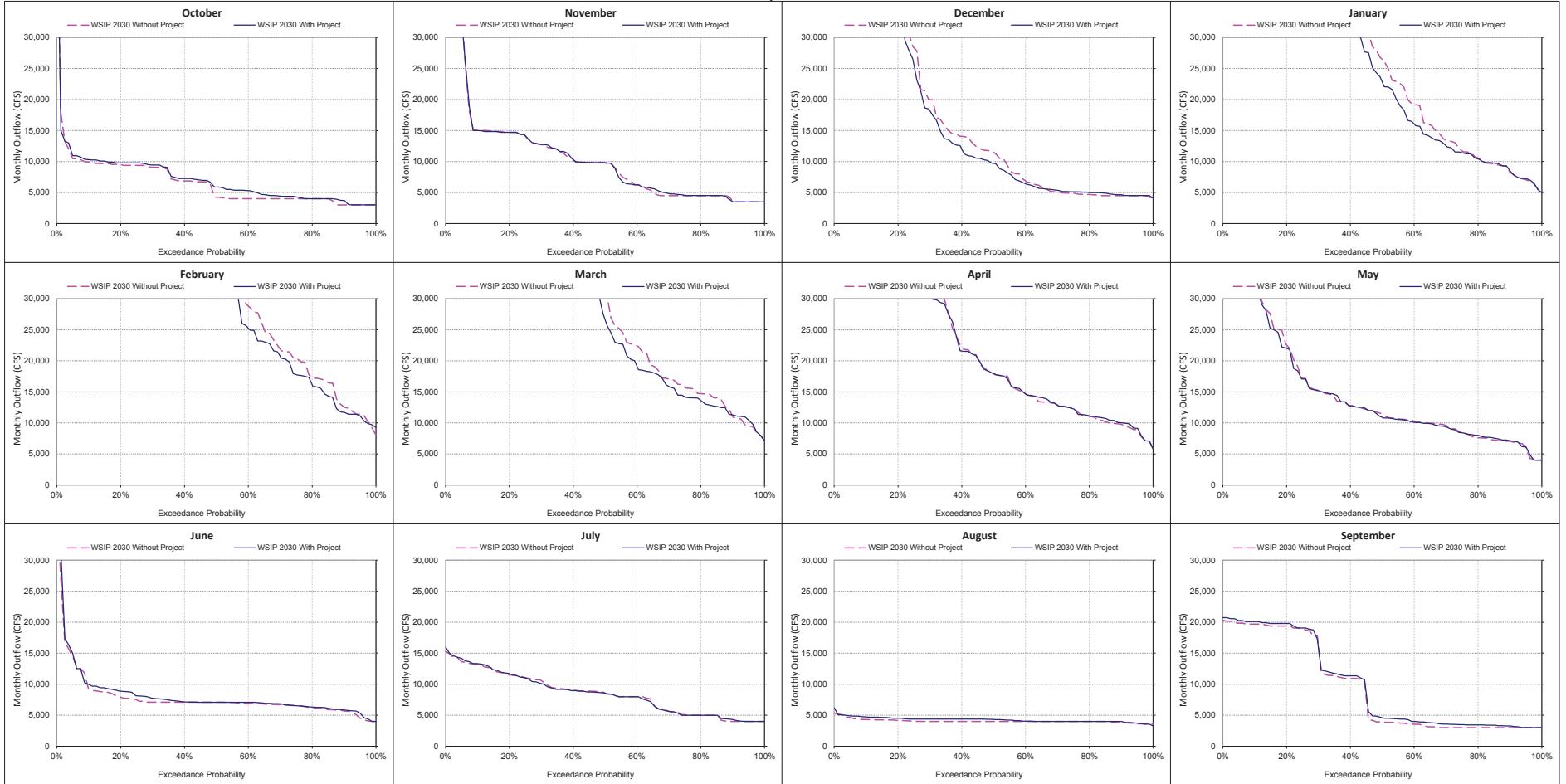


Table SW-33-b
Sacramento/San Joaquin River Delta, Monthly Outflow
Probability of Exceedance

Percent Exceedance Probability (%)	October			
	WSIP 2030 Without Project	WSIP 2030 With Project	Absolute Difference (CFS)	Relative Difference (%)
	Monthly Outflow (CFS)	Monthly Outflow (CFS)		
0.0%	51,285	54,915	3,630	7.1%
1.2%	17,909	14,961	-2,948	-16.5%
2.5%	13,281	13,281	0	0.0%
3.7%	12,010	12,997	986	8.2%
4.9%	10,469	10,938	469	4.5%
6.2%	10,469	10,923	454	4.3%
7.4%	10,313	10,703	390	3.8%
8.6%	10,000	10,390	390	3.9%
9.9%	9,922	10,312	390	3.9%
11.1%	9,844	10,234	390	4.0%
12.3%	9,692	10,078	390	4.0%
13.6%	9,688	10,078	390	4.0%
14.8%	9,688	10,078	390	4.0%
16.0%	9,688	9,922	234	2.4%
17.3%	9,531	9,922	390	4.1%
18.5%	9,531	9,765	234	2.5%
19.8%	9,531	9,765	234	2.5%
21.0%	9,375	9,765	390	4.2%
22.2%	9,375	9,765	390	4.2%
23.5%	9,375	9,765	390	4.2%
24.7%	9,375	9,765	390	4.2%
25.9%	9,375	9,765	390	4.2%
27.2%	9,375	9,688	313	3.3%
28.4%	9,975	9,531	-313	-3.4%
29.6%	9,063	9,453	390	4.3%
30.9%	9,063	9,453	390	4.3%
32.1%	9,063	9,453	390	4.3%
33.3%	9,063	9,140	78	0.9%
34.6%	8,750	9,063	313	3.6%
35.8%	7,188	7,578	390	5.4%
37.0%	7,031	7,422	390	5.6%
38.3%	6,875	7,265	390	5.7%
39.5%	6,875	7,265	390	5.7%
40.7%	6,875	7,265	390	5.7%
42.0%	6,975	7,365	390	5.7%
43.2%	6,719	7,109	390	5.8%
44.4%	6,719	7,055	336	5.0%
45.7%	6,719	6,984	234	3.5%
46.9%	6,719	6,953	234	3.5%
48.1%	6,250	6,640	390	6.2%
49.4%	4,285	4,675	390	9.1%
50.6%	4,230	5,890	1,660	39.2%
51.9%	4,173	5,029	856	20.5%
53.1%	4,072	5,516	1,444	35.5%
54.3%	4,000	5,512	1,512	37.8%
55.6%	4,000	5,390	1,390	34.8%
56.8%	4,000	5,390	1,390	34.8%
58.0%	4,000	5,361	1,361	34.0%
59.3%	4,000	5,350	1,350	33.7%
60.5%	4,000	5,291	1,291	32.3%
61.7%	4,000	5,125	1,125	28.1%
63.0%	4,000	4,926	926	23.2%
64.2%	4,000	4,668	668	16.7%
65.4%	4,000	4,660	660	16.5%
66.7%	4,000	4,527	527	13.2%
67.9%	4,000	4,078	498	12.5%
69.1%	4,000	4,464	464	11.6%
70.4%	4,000	4,390	390	9.8%
71.6%	4,000	4,390	390	9.8%
72.8%	4,000	4,390	390	9.8%
74.1%	4,000	4,390	390	9.8%
75.3%	4,000	4,270	270	6.8%
76.5%	4,000	4,134	134	3.4%
77.8%	4,000	4,000	0	0.0%
79.0%	4,000	4,000	0	0.0%
80.2%	4,000	4,000	0	0.0%
81.5%	4,000	4,000	0	0.0%
82.7%	4,000	4,000	0	0.0%
84.0%	4,000	4,000	0	0.0%
85.2%	4,000	4,000	0	0.0%
86.4%	3,648	4,000	352	9.6%
87.7%	3,000	4,321	1,321	44.0%
88.9%	3,000	3,731	731	24.4%
90.1%	3,000	3,703	703	23.4%
91.4%	3,000	3,082	82	2.7%
92.6%	3,000	3,000	0	0.0%
93.8%	3,000	3,000	0	0.0%
95.1%	3,000	3,000	0	0.0%
96.3%	3,000	3,000	0	0.0%
97.5%	3,000	3,000	0	0.0%
98.8%	3,000	3,000	0	0.0%
100.0%	3,000	3,000	0	0.0%

Percent Exceedance Probability (%)	November			
	WSIP 2030 Without Project	WSIP 2030 With Project	Absolute Difference (CFS)	Relative Difference (%)
	Monthly Outflow (CFS)	Monthly Outflow (CFS)		
0.0%	73,874	68,051	-5,824	-7.9%
1.2%	37,849	35,200	-2,649	-6.9%
2.5%	52,789	53,701	912	1.7%
3.7%	40,090	43,943	3,853	9.6%
4.9%	35,399	33,594	-1,805	-5.1%
6.2%	25,796	25,821	25	0.1%
7.4%	18,145	18,870	725	4.0%
8.6%	15,270	15,000	-270	-1.8%
9.9%	15,000	15,000	0	0.0%
11.1%	15,000	14,964	-36	-0.2%
12.3%	15,000	14,844	-156	-1.0%
13.6%	14,964	14,844	-121	-0.8%
14.8%	14,844	14,844	0	0.0%
16.0%	14,844	14,844	0	0.0%
17.3%	14,844	14,688	-156	-1.1%
18.5%	14,688	14,688	0	0.0%
19.8%	14,688	14,688	0	0.0%
21.0%	14,688	14,688	0	0.0%
22.2%	14,588	14,588	0	0.0%
23.5%	14,375	14,375	0	0.0%
24.7%	14,332	14,332	0	0.0%
25.9%	13,585	13,585	0	0.0%
27.2%	13,051	13,051	0	0.0%
28.4%	12,868	12,868	0	0.0%
29.6%	12,756	12,756	0	0.0%
30.9%	12,631	12,756	125	1.0%
32.1%	12,246	12,631	384	3.1%
33.3%	12,169	12,169	0	0.0%
34.6%	12,095	12,054	-41	-0.3%
35.8%	11,619	11,629	10	0.1%
37.0%	11,302	11,619	317	2.8%
38.3%	10,700	11,302	602	5.6%
39.5%	10,542	10,542	0	0.0%
40.7%	9,922	10,000	78	0.8%
42.0%	9,844	9,844	0	0.0%
43.2%	9,844	9,844	0	0.0%
44.4%	9,844	9,844	0	0.0%
45.7%	9,844	9,844	0	0.0%
46.9%	9,844	9,844	0	0.0%
48.1%	9,844	9,844	0	0.0%
49.4%	9,844	9,844	0	0.0%
50.6%	9,688	9,795	107	1.1%
51.9%	9,688	9,688	0	0.0%
53.1%	8,999	8,910	-89	-1.0%
54.3%	8,145	7,438	-707	-8.7%
55.6%	7,470	6,698	-772	-10.3%
56.8%	7,149	6,398	-751	-10.5%
58.0%	6,900	6,354	-546	-7.9%
59.3%	6,277	6,250	-27	-0.4%
60.5%	6,250	6,218	-32	-0.5%
61.7%	6,092	5,871	-221	-3.6%
63.0%	5,986	5,844	-142	-2.4%
64.2%	5,412	5,722	310	5.7%
65.4%	4,871	5,584	712	14.6%
66.7%	4,563	5,271	708	15.5%
67.9%	4,500	5,072	572	12.7%
69.1%	4,500	4,942	442	9.8%
70.4%	4,500	4,756	256	5.7%
71.6%	4,500	4,753	253	5.6%
72.8%	4,500	4,673	173	3.8%
74.1%	4,500	4,657	157	3.5%
75.3%	4,500	4,500	0	0.0%
76.5%	4,500	4,500	0	0.0%
77.8%	4,500	4,500	0	0.0%
79.0%	4,500	4,500	0	0.0%
80.2%	4,500	4,500	0	0.0%
81.5%	4,500	4,500	0	0.0%
82.7%	4,500	4,500	0	0.0%
84.0%	4,500	4,500	0	0.0%
85.2%	4,500	4,500	0	0.0%
86.4%	4,500	4,500	0	0.0%
87.7%	4,500	4,450	-50	-1.1%
88.9%	4,332	3,936	-396	-9.1%
90.1%	3,500	3,500	0	0.0%
91.4%	3,500	3,500	0	0.0%
92.6%	3,500	3,500	0	0.0%
93.8%	3,500	3,500	0	0.0%
95.1%	3,500	3,500	0	0.0%
96.3%	3,500	3,500	0	0.0%
97.5%	3,500	3,500	0	0.0%
98.8%	3,500	3,500	0	0.0%
100.0%	3,500	3,500	0	0.0%

Percent Exceedance Probability (%)	December			
	WSIP 2030 Without Project	WSIP 2030 With Project	Absolute Difference (CFS)	Relative Difference (%)
	Monthly Outflow (CFS)	Monthly Outflow (CFS)		
0.0%	172,053	171,946	-106	-0.1%
1.2%	143,403	138,912	-4,491	-3.1%
2.5%	123,042	121,023	-2,019	-1.6%
3.7%	110,476	111,395	919	0.8%
4.9%	107,748	105,926	-1,822	-1.7%
6.2%	96,981	91,740	-5,241	-5.4%
7.4%	90,367	87,912	-2,455	-2.7%
8.6%	84,147	84,603	457	0.5%
9.9%	81,265	82,783	1,519	1.9%
11.1%	77,454	77,315	-139	-0.2%
12.3%	60,669	56,618	-4,051	-6.7%
13.6%	52,932	51,708	-1,224	-2.3%
14.8%	39,738	36,008	-3,730	-9.4%
16.0%	39,490	38,157	-1,333	-3.4%
17.3%	39,391	35,699	-3,692	-9.4%
18.5%	38,320	35,421	-2,899	-7.6%
19.8%	37,374	34,951	-2,423	-6.5%
21.0%	36,260	33,461	-2,800	-7.7%
22.2%	34,008	29,142	-4,866	-14.3%
23.5%	30,496	27,832	-2,664	-8.7%
24.7%	28,514	26,504	-2,009	-7.0%
25.9%	27,836	23,124	-4,712	-16.9%
27.2%	21,587	21,241	-346	-1.6%
28.4%	21,426	18,638	-2,788	-13.0%
29.6%	19,977	18,477	-1,500	-7.5%
30.9%	19,950	17,445	-2,505	-12.6%
32.1%	17,106	16,613	-493	-2.9%
33.3%	16,752	14,858	-1,894	-11.3%
34.6%	15,821	13,692	-2,129	-13.5%
35.8%	15,024	13,562	-1,462	-9.7%
37.0%	14,462	12,948	-1,514	-10.5%
38.3%	14,428	12,646	-1,782	-12.4%
39.5%	14,051	12,577	-1,474	-10.5%
40.7%	14,018	11,257	-2,761	-19.7%
42.0%	13,822	13,855	33	0.2%
43.2%	13,066	10,859	-2,207	-16.8%
44.4%	12,468	10,559	-1,909	-15.3%
45.7%	12,071	10,519	-1,552	-12.9%
46.9%	11,832	10,299	-1,533	-13.0%
48.1%	11,763	10,147	-1,616	-13.7%
49.4%	11,677	9,736	-1,941	-16.6%
50.6%	11,240	9,664	-1,576	-14.0%
51.9%	10,490	8,851	-1,639	-15.6%
53.1%	10,471	8,601	-1,870	-17.9%
54.3%	9,328	8,188	-1,140	-12.2%
55.6%	8,293	7,799	-494	-6.0%
56.8%	8,045	7,074	-971	-12.1%
58.0%	7,984	6,883	-1,101	-13.8%
59.3%	7,133	6,562	-571	-8.0%
60.5%	6,675	6,325	-350	-5.2%
61.7%	6,594	6,183	-411	-6.2%
63.0%	6,289	5,950	-339	-5.4%
64.2%	6,173	5,657	-516	-8.4%
65.4%	5,588	5,611	23	0.2%
66.7%	5,525	5,554	19	0.5%
67.9%	5,174	5,500	326	6.3%
69.1%	5,113	5,432	319	6.2%
70.4%	5,032	5,346	314	6.2%
71.6%	4,931	5,155	224	4.6%
72.8%	4,918	5,150	231	4.7%
74.1%	4,891	5,127	236	4.8%
75.3%	4,878	5,123	246	5.0%
76.5%	4,742	5,103	361	7.6%
77.8%	4,700	5,085	385	8.2%
79.0%	4,698	5,071	373	7.9%
80.2%	4,677	5,000	323	6.9%
81.5%	4,634	5,000	366	7.9%
82.7%	4,611	5,000	389	8

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

Percent Exceedance Probability (%)	February			
	WSIP 2030 Without Project	WSIP 2030 With Project	Absolute Difference (CFS)	Relative Difference (%)
	Monthly Outflow (CFS)	Monthly Outflow (CFS)		
0.0%	244,993	244,921	-72	0.0%
1.2%	243,749	244,700	951	0.4%
2.5%	225,272	219,940	-5,332	-2.4%
3.7%	206,805	207,015	210	0.1%
4.9%	190,017	190,898	881	0.5%
6.2%	187,438	187,322	-116	-0.1%
7.4%	167,461	162,394	-5,066	-3.0%
8.6%	163,137	159,603	-3,533	-2.2%
9.9%	158,467	155,839	-2,628	-1.7%
11.1%	146,685	144,705	-1,979	-1.3%
12.3%	142,680	141,613	-1,068	-0.7%
13.6%	135,069	134,935	-134	-0.1%
14.8%	116,593	116,769	176	0.2%
16.0%	115,670	113,109	-2,561	-2.2%
17.3%	110,135	110,126	-9	0.0%
18.5%	108,356	107,248	-1,108	-1.0%
19.8%	106,610	106,106	-505	-0.5%
21.0%	99,915	96,814	-3,101	-3.3%
22.2%	93,712	90,461	-3,251	-3.5%
23.5%	89,920	89,644	-277	-0.3%
24.7%	88,330	89,202	872	1.0%
25.9%	84,128	89,046	4,918	5.8%
27.2%	76,739	76,711	-28	0.0%
28.4%	76,490	74,165	-2,324	-3.0%
29.6%	76,117	73,777	-2,341	-3.1%
30.9%	57,327	66,436	9,109	15.9%
32.1%	68,234	64,467	-3,767	-5.5%
33.3%	66,523	64,302	-2,222	-3.3%
34.6%	64,913	62,938	-1,975	-3.0%
35.8%	64,321	61,265	-3,055	-4.7%
37.0%	62,265	59,147	-3,118	-5.0%
38.3%	59,953	58,811	-1,141	-1.9%
39.5%	58,609	57,168	-1,440	-2.5%
40.7%	57,813	55,932	-1,881	-3.3%
42.0%	51,133	50,976	-157	-0.3%
43.2%	49,557	48,773	-784	-1.6%
44.4%	49,382	46,608	-2,774	-5.6%
45.7%	46,188	46,161	-27	-0.1%
46.9%	45,136	44,202	-935	-2.1%
48.1%	44,199	43,423	-777	-1.8%
49.4%	42,603	41,183	-1,420	-3.3%
50.6%	40,383	36,843	-3,540	-8.8%
51.9%	38,480	34,578	-3,902	-10.1%
53.1%	36,454	34,382	-2,072	-5.7%
54.3%	36,294	33,927	-2,367	-6.5%
55.6%	33,303	33,213	-90	-0.3%
56.8%	32,258	30,288	-1,970	-6.1%
58.0%	30,383	26,038	-4,345	-14.3%
59.3%	29,162	25,664	-3,499	-12.0%
60.5%	28,598	24,954	-3,644	-12.7%
61.7%	27,901	24,922	-2,979	-10.7%
63.0%	27,746	23,217	-4,529	-16.3%
64.2%	26,120	23,207	-2,913	-11.2%
65.4%	24,450	22,965	-1,484	-6.1%
66.7%	24,420	22,766	-1,654	-6.8%
67.9%	23,384	21,633	-1,751	-7.5%
69.1%	22,505	21,457	-1,049	-4.7%
70.4%	21,612	20,397	-1,214	-5.6%
71.6%	21,491	20,270	-1,221	-5.7%
72.8%	21,427	19,808	-1,619	-7.6%
74.1%	20,489	17,929	-2,560	-12.5%
75.3%	20,326	17,728	-2,598	-12.8%
76.5%	19,843	17,626	-2,217	-11.2%
77.8%	19,765	17,489	-2,276	-11.5%
79.0%	17,723	17,354	-369	-2.1%
80.2%	17,214	15,899	-1,315	-7.6%
81.5%	17,214	15,779	-1,435	-8.3%
82.7%	17,058	15,524	-1,534	-9.0%
84.0%	16,891	14,046	-2,845	-16.8%
85.2%	16,442	14,290	-2,152	-13.1%
86.4%	16,387	14,112	-2,275	-13.9%
87.7%	13,824	12,265	-1,559	-11.3%
88.9%	12,996	11,762	-1,234	-9.5%
90.1%	12,513	11,669	-844	-6.7%
91.4%	12,359	11,400	-959	-7.8%
92.6%	11,879	11,400	-479	-4.0%
93.8%	11,400	11,400	0	0.0%
95.1%	11,400	11,145	-255	-2.2%
96.3%	11,145	10,265	-879	-7.9%
97.5%	10,174	9,895	-280	-2.8%
98.8%	9,215	9,688	474	5.1%
100.0%	8,049	9,281	1,233	15.3%

Percent Exceedance Probability (%)	March			
	WSIP 2030 Without Project	WSIP 2030 With Project	Absolute Difference (CFS)	Relative Difference (%)
	Monthly Outflow (CFS)	Monthly Outflow (CFS)		
0.0%	296,906	296,853	-53	0.0%
1.2%	244,331	239,949	-4,382	-1.8%
2.5%	206,470	206,412	-58	0.0%
3.7%	168,825	163,363	-5,461	-3.2%
4.9%	128,169	122,208	-5,961	-4.7%
6.2%	122,651	122,166	-485	-0.4%
7.4%	122,152	117,478	-4,674	-3.8%
8.6%	96,505	94,949	-1,555	-1.6%
9.9%	93,755	91,789	-1,966	-2.1%
11.1%	91,770	91,242	-527	-0.6%
12.3%	87,770	87,684	-86	-0.1%
13.6%	87,096	86,351	-745	-0.9%
14.8%	84,577	83,955	-622	-0.7%
16.0%	82,245	83,003	758	0.9%
17.3%	80,884	80,500	-384	-0.5%
18.5%	74,855	73,550	-1,305	-1.7%
19.8%	74,806	73,394	-1,412	-1.9%
21.0%	73,457	72,627	-830	-1.1%
22.2%	73,074	72,269	-805	-1.1%
23.5%	69,402	71,104	1,702	2.5%
24.7%	65,646	65,655	9	0.0%
25.9%	65,182	59,488	-5,694	-8.8%
27.2%	60,771	57,824	-2,947	-4.8%
28.4%	60,462	56,302	-4,160	-6.9%
29.6%	60,311	55,912	-4,399	-7.3%
30.9%	57,407	54,456	-2,951	-5.1%
32.1%	47,385	46,119	-1,266	-2.7%
33.3%	46,588	42,969	-3,619	-7.8%
34.6%	44,797	42,947	-1,850	-4.1%
35.8%	43,012	42,414	-598	-1.4%
37.0%	42,877	42,183	-693	-1.6%
38.3%	40,847	38,982	-1,865	-4.6%
39.5%	38,526	37,491	-1,035	-2.7%
40.7%	37,588	35,676	-1,912	-5.1%
42.0%	35,976	35,041	-935	-2.6%
43.2%	35,840	33,940	-1,900	-5.3%
44.4%	35,737	31,659	-4,079	-11.4%
45.7%	34,944	31,408	-3,536	-10.1%
46.9%	34,407	30,509	-3,898	-11.3%
48.1%	32,084	30,394	-1,690	-5.3%
49.4%	31,876	27,531	-4,344	-13.6%
50.6%	30,470	25,882	-4,588	-15.1%
51.9%	26,896	24,571	-2,325	-8.6%
53.1%	25,692	23,021	-2,671	-10.4%
54.3%	25,279	22,754	-2,525	-10.0%
55.6%	24,556	22,666	-1,890	-7.7%
56.8%	22,998	20,913	-2,084	-9.0%
58.0%	22,736	20,263	-2,472	-10.9%
59.3%	22,638	20,022	-2,616	-11.6%
60.5%	22,268	18,571	-3,697	-16.6%
61.7%	21,397	18,499	-2,898	-13.5%
63.0%	21,353	18,308	-3,045	-14.3%
64.2%	19,361	18,219	-1,142	-5.9%
65.4%	19,097	18,032	-1,065	-5.6%
66.7%	18,498	17,755	-743	-4.0%
67.9%	17,240	17,219	-20	-0.1%
69.1%	17,183	16,137	-1,047	-6.1%
70.4%	16,992	15,758	-1,234	-7.3%
71.6%	16,885	15,585	-1,300	-7.7%
72.8%	16,221	14,488	-1,733	-10.7%
74.1%	16,165	14,485	-1,680	-10.4%
75.3%	15,612	14,144	-1,469	-9.4%
76.5%	15,585	14,025	-1,559	-10.0%
77.8%	15,507	14,023	-1,484	-9.6%
79.0%	14,748	13,979	-769	-5.2%
80.2%	14,707	13,535	-1,172	-8.0%
81.5%	14,659	13,030	-1,629	-11.1%
82.7%	14,628	12,877	-1,751	-12.0%
84.0%	14,046	12,702	-1,344	-9.6%
85.2%	14,022	12,647	-1,374	-9.8%
86.4%	13,719	12,475	-1,244	-9.1%
87.7%	12,618	12,462	-156	-1.2%
88.9%	12,177	11,400	-777	-6.4%
90.1%	11,669	11,250	-419	-3.6%
91.4%	11,400	10,706	-694	-6.1%
92.6%	10,625	11,051	426	4.0%
93.8%	9,674	10,838	1,164	13.1%
95.1%	9,531	10,444	912	9.6%
96.3%	9,375	9,814	439	4.7%
97.5%	8,432	8,514	82	1.0%
98.8%	7,923	7,978	55	0.7%
100.0%	7,100	7,100	0	0.0%

Percent Exceedance Probability (%)	April			
	WSIP 2030 Without Project	WSIP 2030 With Project	Absolute Difference (CFS)	Relative Difference (%)
	Monthly Outflow (CFS)	Monthly Outflow (CFS)		
0.0%	147,944	147,759	-185	-0.1%
1.2%	137,698	137,065	-633	-0.5%
2.5%	109,438	105,894	-3,544	-3.2%
3.7%	80,944	80,936	-8	0.0%
4.9%	79,754	79,725	-29	0.0%
6.2%	75,937	75,964	28	0.0%
7.4%	72,654	72,661	7	0.0%
8.6%	71,179	72,067	888	1.2%
9.9%	70,732	69,010	-1,722	-2.4%
11.1%	68,067	68,003	-64	-0.1%
12.3%	66,615	63,674	-2,941	-4.4%
13.6%	55,863	55,514	-349	-0.6%
14.8%	55,587	52,736	-2,851	-5.1%
16.0%	51,428	51,297	-131	-0.3%
17.3%	49,950	49,946	-4	0.0%
18.5%	48,313	46,172	-2,141	-4.4%
19.8%	45,087	43,924	-1,163	-2.6%
21.0%	44,201	42,329	-1,872	-4.2%
22.2%	43,099	40,586	-2,514	-5.8%
23.5%	40,534	40,027	-507	-1.3%
24.7%	33,903	33,646	-257	-0.8%
25.9%	33,769	32,936	-833	-2.5%
27.2%	33,575	32,630	-945	-2.8%
28.4%	32,752	30,862	-1,890	-5.8%
29.6%	32,659	30,912	-1,746	-5.3%
30.9%	30,854	29,925	-929	-3.0%
32.1%	30,654	29,834	-819	-2.7%
33.3%	30,023	29,410	-613	-2.0%
34.6%	29,946	29,203	-744	-2.5%
35.8%	27,678	27,509	-169	-0.6%
37.0%	25,353	26,319	966	3.8%
38.3%	23,952	23,905	-47	-0.2%
39.5%	22,575	21,633	-942	-4.2%
40.7%	21,828	21,527	-301	-1.4%
42.0%	21,700	21,586	-114	-0.5%
43.2%	21,011	21,119	108	0.5%
44.4%	20,975	20,829	-146	-0.7%
45.7%	19,405	19,807	401	2.1%
46.9%	18,910	18,656	-254	-1.3%
48.1%	18,347	18,382	36	0.2%
49.4%	18,345	18,068	-277	-1.5%
50.6%	17,778	17,760	-18	-0.1%
51.9%	17,657	17,612	-45	-0.3%
53.1%	17,580	17,559	-21	-0.1%
54.3%	17,526	17,112	-415	-2.4%
55.6%	15,858	15,867	8	0.1%
56.8%	15,497	15,671	174	1.1%
58.0%	15,200	15,551	351	2.3%
59.3%	14,979	14,939	-40	-0.3%
60.5%	14,489	14,452	-37	-0.3%
61.7%	14,355	14,409	54	0.4%
63.0%	13,994	14,262	267	2.1%
64.2%	13,404	14,133	729	5.4%
65.4%	13,357	14,024	668	5.0%
66.7%	13,350	13,845	496	3.7%
67.9%	13,216	13,352	137	1.0%
69.1%	13,154	13,146	-8	-0.1%
70.4%	12,767	12,700	-68</	

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

June				
Percent Exceedance Probability (%)	WSIP 2030 Without Project		WSIP 2030 With Project	
	Monthly Outflow (CFS)	Monthly Outflow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	38,493	39,261	768	2.0%
1.2%	27,087	31,174	4,087	15.1%
2.5%	16,886	17,324	438	2.6%
3.7%	15,690	16,380	690	4.4%
4.9%	14,518	15,000	482	3.3%
6.2%	12,837	12,534	-303	-2.4%
7.4%	12,525	12,525	0	0.0%
8.6%	11,840	10,261	-1,579	-13.3%
9.9%	9,224	9,998	774	8.4%
11.1%	8,979	9,707	728	8.1%
12.3%	8,931	9,704	773	8.7%
13.6%	8,802	9,450	648	7.4%
14.8%	8,740	9,448	709	8.1%
16.0%	8,687	9,278	592	6.8%
17.3%	8,483	9,172	690	8.1%
18.5%	8,126	8,932	806	9.9%
19.8%	7,925	8,870	945	11.9%
21.0%	7,727	8,838	1,110	14.4%
22.2%	7,722	8,813	1,091	14.1%
23.5%	7,700	8,687	987	12.8%
24.7%	7,545	8,165	620	8.2%
25.9%	7,243	8,107	864	11.9%
27.2%	7,243	8,050	807	11.1%
28.4%	7,100	7,958	858	12.1%
29.6%	7,100	7,774	674	9.5%
30.9%	7,100	7,600	500	7.0%
32.1%	7,100	7,642	542	7.6%
33.3%	7,100	7,573	473	6.7%
34.6%	7,100	7,522	422	5.9%
35.8%	7,100	7,370	270	3.8%
37.0%	7,100	7,342	242	3.4%
38.3%	7,100	7,243	143	2.0%
39.5%	7,100	7,152	52	0.7%
40.7%	7,100	7,126	26	0.4%
42.0%	7,100	7,120	20	0.3%
43.2%	7,100	7,105	5	0.1%
44.4%	7,100	7,100	0	0.0%
45.7%	7,100	7,100	0	0.0%
46.9%	7,100	7,100	0	0.0%
48.1%	7,100	7,100	0	0.0%
49.4%	7,100	7,100	0	0.0%
50.6%	7,100	7,100	0	0.0%
51.9%	7,100	7,100	0	0.0%
53.1%	7,064	7,100	36	0.5%
54.3%	7,057	7,100	43	0.6%
55.6%	7,046	7,100	54	0.8%
56.8%	6,974	7,100	126	1.8%
58.0%	6,938	7,100	162	2.3%
59.3%	6,923	7,100	177	2.6%
60.5%	6,906	7,094	188	2.7%
61.7%	6,875	7,070	195	2.8%
63.0%	6,875	7,046	171	2.5%
64.2%	6,875	7,004	129	1.9%
65.4%	6,780	6,906	126	1.8%
66.7%	6,765	6,896	131	1.9%
67.9%	6,719	6,878	159	2.4%
69.1%	6,710	6,875	165	2.5%
70.4%	6,692	6,811	119	1.8%
71.6%	6,656	6,667	10	0.2%
72.8%	6,588	6,656	69	1.0%
74.1%	6,563	6,575	13	0.2%
75.3%	6,555	6,513	-42	-0.6%
76.5%	6,492	6,463	-29	-0.4%
77.8%	6,374	6,447	73	1.1%
79.0%	6,270	6,356	86	1.4%
80.2%	6,250	6,315	65	1.0%
81.5%	6,094	6,258	164	2.7%
82.7%	6,085	6,250	165	2.7%
84.0%	5,921	6,033	312	5.3%
85.2%	5,901	6,094	193	3.3%
86.4%	5,887	6,003	116	2.0%
87.7%	5,821	5,940	119	2.0%
88.9%	5,818	5,917	100	1.7%
90.1%	5,673	5,818	145	2.6%
91.4%	5,540	5,745	205	3.7%
92.6%	5,571	5,722	151	2.7%
93.8%	5,054	5,683	629	12.4%
95.1%	4,517	5,327	810	17.9%
96.3%	4,248	4,565	317	7.5%
97.5%	4,075	4,368	293	7.2%
98.8%	4,000	4,000	0	0.0%
100.0%	4,000	4,000	0	0.0%

July				
Percent Exceedance Probability (%)	WSIP 2030 Without Project		WSIP 2030 With Project	
	Monthly Outflow (CFS)	Monthly Outflow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	15,311	15,994	683	4.5%
1.2%	14,916	15,009	93	0.6%
2.5%	14,327	14,586	259	1.8%
3.7%	14,314	14,347	32	0.2%
4.9%	13,635	14,185	549	4.0%
6.2%	13,536	13,773	237	1.8%
7.4%	13,358	13,618	260	1.9%
8.6%	13,271	13,347	76	0.6%
9.9%	13,196	13,333	138	1.0%
11.1%	13,088	13,234	146	1.1%
12.3%	12,784	13,116	333	2.6%
13.6%	12,673	12,846	173	1.4%
14.8%	12,638	12,341	-298	-2.4%
16.0%	11,993	12,250	258	2.1%
17.3%	11,881	11,955	74	0.6%
18.5%	11,816	11,828	12	0.1%
19.8%	11,523	11,725	202	1.8%
21.0%	11,477	11,490	12	0.1%
22.2%	11,375	11,290	-85	-0.7%
23.5%	11,301	11,142	-159	-1.4%
24.7%	11,111	11,070	-41	-0.4%
25.9%	10,950	10,867	-83	-0.8%
27.2%	10,872	10,416	-456	-4.2%
28.4%	10,722	10,367	-355	-3.3%
29.6%	10,708	10,168	-541	-5.1%
30.9%	10,312	10,007	-305	-3.0%
32.1%	9,780	9,572	-208	-2.1%
33.3%	9,450	9,394	-56	-0.6%
34.6%	9,356	9,196	-160	-1.7%
35.8%	9,292	9,163	-129	-1.4%
37.0%	9,245	9,156	-89	-1.0%
38.3%	9,133	9,117	-16	-0.2%
39.5%	9,089	8,955	-133	-1.5%
40.7%	9,010	8,954	-57	-0.6%
42.0%	8,935	8,869	-67	-0.7%
43.2%	8,900	8,860	-40	-0.4%
44.4%	8,891	8,744	-147	-1.7%
45.7%	8,866	8,739	-126	-1.4%
46.9%	8,855	8,725	-130	-1.5%
48.1%	8,777	8,656	-121	-1.4%
49.4%	8,722	8,639	-82	-0.9%
50.6%	8,417	8,452	35	0.4%
51.9%	8,362	8,392	31	0.4%
53.1%	8,192	8,183	-9	-0.1%
54.3%	8,000	8,000	0	0.0%
55.6%	8,000	8,000	0	0.0%
56.8%	8,000	8,000	0	0.0%
58.0%	8,000	8,000	0	0.0%
59.3%	8,000	8,000	0	0.0%
60.5%	8,000	8,000	0	0.0%
61.7%	8,000	7,624	-376	-4.7%
63.0%	7,751	7,439	-312	-4.0%
64.2%	7,642	7,196	-446	-5.8%
65.4%	6,500	6,500	0	0.0%
66.7%	6,032	6,052	20	0.3%
67.9%	5,858	5,894	37	0.6%
69.1%	5,797	5,707	-89	-1.5%
70.4%	5,570	5,581	11	0.2%
71.6%	5,545	5,526	-19	-0.4%
72.8%	5,473	5,313	-161	-2.9%
74.1%	5,107	5,001	-106	-2.1%
75.3%	5,067	5,000	-67	-1.3%
76.5%	5,000	5,000	0	0.0%
77.8%	5,000	5,000	0	0.0%
79.0%	5,000	5,000	0	0.0%
80.2%	5,000	5,000	0	0.0%
81.5%	5,000	5,000	0	0.0%
82.7%	5,000	5,000	0	0.0%
84.0%	5,000	5,000	0	0.0%
85.2%	5,001	5,000	-1	0.0%
86.4%	4,168	4,470	301	7.2%
87.7%	4,071	4,438	368	9.0%
88.9%	4,000	4,369	369	9.2%
90.1%	4,000	4,312	312	7.8%
91.4%	4,000	4,122	122	3.0%
92.6%	4,000	4,057	57	1.4%
93.8%	4,000	4,000	0	0.0%
95.1%	4,000	4,000	0	0.0%
96.3%	4,000	4,000	0	0.0%
97.5%	4,000	4,000	0	0.0%
98.8%	4,000	4,000	0	0.0%
100.0%	4,000	4,000	0	0.0%

August				
Percent Exceedance Probability (%)	WSIP 2030 Without Project		WSIP 2030 With Project	
	Monthly Outflow (CFS)	Monthly Outflow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	5,354	6,185	831	15.5%
1.2%	5,175	5,981	806	15.6%
2.5%	5,088	5,048	-41	-0.8%
3.7%	4,677	4,995	318	6.8%
4.9%	4,652	4,893	241	5.2%
6.2%	4,449	4,875	427	9.6%
7.4%	4,423	4,856	433	9.8%
8.6%	4,312	4,765	453	10.5%
9.9%	4,304	4,719	415	9.6%
11.1%	4,285	4,689	404	9.4%
12.3%	4,273	4,676	403	9.4%
13.6%	4,257	4,665	408	9.6%
14.8%	4,253	4,652	399	9.4%
16.0%	4,245	4,641	396	9.3%
17.3%	4,242	4,619	377	8.9%
18.5%	4,237	4,517	281	6.6%
19.8%	4,157	4,506	349	8.4%
21.0%	4,152	4,491	339	8.2%
22.2%	4,124	4,423	299	7.2%
23.5%	4,088	4,390	303	7.4%
24.7%	4,038	4,390	352	8.7%
25.9%	4,016	4,390	374	9.3%
27.2%	4,007	4,390	383	9.6%
28.4%	4,000	4,390	390	9.8%
29.6%	4,000	4,390	390	9.8%
30.9%	4,000	4,390	390	9.8%
32.1%	4,000	4,390	390	9.8%
33.3%	4,000	4,390	390	9.8%
34.6%	4,000	4,390	390	9.8%
35.8%	4,000	4,390	390	9.8%
37.0%	4,000	4,390	390	9.8%
38.3%	4,000	4,390	390	9.8%
39.5%	4,000	4,390	390	9.8%
40.7%	4,000	4,390	390	9.8%
42.0%	4,000	4,390	390	9.8%
43.2%	4,000	4,390	390	9.8%
44.4%	4,000	4,390	390	9.8%
45.7%	4,000	4,390	390	9.8%
46.9%	4,000	4,390	390	9.8%
48.1%	4,000	4,341	341	8.5%
49.4%	4,000	4,339	339	8.5%
50.6%	4,000	4,285	285	7.1%
51.9%	3,860	4,278	278	7.0%
53.1%	3,845	4,241	241	6.0%
54.3%	4,000	4,226	226	5.7%
55.6%	4,000	4,220	220	5.5%
56.8%	4,000	4,132	132	3.3%
58.0%	4,000	4,114	114	2.8%
59.3%	4,000	4,055	55	1.4%
60.5%	4,000	4,031	31	0.8%
61.7%	4,000	4,022	22	0.5%
63.0%	4,000	4,012	12	0.3%
64.2%	4,000	4,004	4	0.1%
65.4%	4,000	4,000	0	0.0%
66.7%	4,000	4,000	0	0.0%
67.9%	4,000	4,000	0	0.0%
69.1%	4,000	4,000	0	0.0%
70.4%	4,000	4,000	0	0.0%
71.6%	4,000	4,000	0	0.0%
72.8%	4,000	4,000	0	0.0%
74.1%	4,000	4,000	0	0.0%
75.3%	4,000	4,000	0	0.0%
76.5%	4,000	4,000	0	0.0%
77.8%	4,000	4,000	0	0.0%
79.0%	4,000	4,000	0	0.0%
80.2%	4,000	4,000	0	0.0%
81.5%	4,000	4,000	0	0.0%
82.7%	4,000	4,000	0	0.0%
84.0%	4,000	4,000	0	0.0%
85.2%	3,977	4,000	23	0.6%
86.4%	3,969	4,000	31	0.8%
87.7%	3,870	4,000	130	3.4%
88.9%	3,810	4,000	190	5.0%
90.1%	3,787			

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

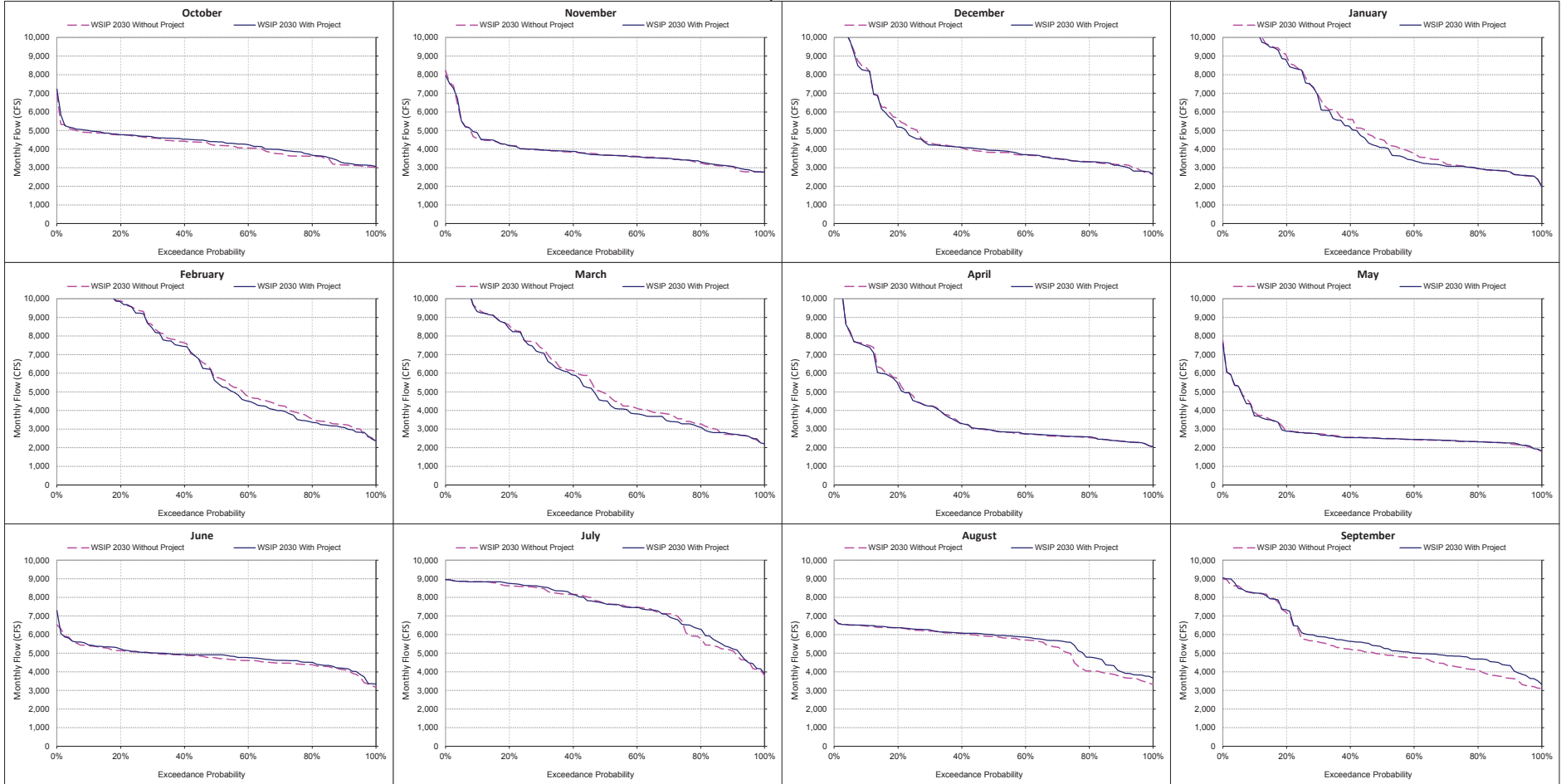


Table SW-34-b
Delta Cross Channel, Monthly Flow
Probability of Exceedance

October					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	7,012	7,229	218	3.1%	
1.2%	5,334	5,828	494	9.3%	
2.5%	5,311	5,266	-55	-1.0%	
3.7%	5,105	5,184	79	1.6%	
4.9%	5,058	5,144	86	1.7%	
6.2%	4,994	5,079	85	1.7%	
7.4%	4,918	5,064	146	3.0%	
8.6%	4,802	5,029	127	2.6%	
9.9%	4,805	4,970	165	3.4%	
11.1%	4,872	4,963	91	1.9%	
12.3%	4,869	4,950	81	1.7%	
13.6%	4,863	4,926	63	1.3%	
14.8%	4,857	4,863	6	0.1%	
16.0%	4,841	4,853	13	0.3%	
17.3%	4,785	4,812	27	0.6%	
18.5%	4,773	4,811	38	0.8%	
19.8%	4,763	4,773	10	0.2%	
21.0%	4,761	4,770	9	0.2%	
22.2%	4,757	4,763	6	0.1%	
23.5%	4,718	4,758	40	0.8%	
24.7%	4,689	4,726	37	0.8%	
25.9%	4,678	4,696	17	0.4%	
27.2%	4,645	4,689	44	1.0%	
28.4%	4,618	4,683	65	1.4%	
29.6%	4,596	4,772	176	3.8%	
30.9%	4,591	4,611	20	0.4%	
32.1%	4,578	4,601	23	0.5%	
33.3%	4,478	4,595	118	2.6%	
34.6%	4,471	4,582	111	2.5%	
35.8%	4,459	4,581	122	2.7%	
37.0%	4,432	4,578	145	3.3%	
38.3%	4,431	4,576	145	3.3%	
39.5%	4,430	4,535	105	2.4%	
40.7%	4,405	4,523	118	2.7%	
42.0%	4,389	4,523	134	3.1%	
43.2%	4,372	4,509	137	3.1%	
44.4%	4,374	4,492	118	2.7%	
45.7%	4,372	4,492	120	2.7%	
46.9%	4,360	4,449	89	2.0%	
48.1%	4,247	4,400	153	3.6%	
49.4%	4,209	4,398	189	4.5%	
50.6%	4,198	4,384	187	4.4%	
51.9%	4,190	4,383	193	4.6%	
53.1%	4,182	4,320	138	3.3%	
54.3%	4,175	4,319	144	3.4%	
55.6%	4,151	4,305	154	3.7%	
56.8%	4,072	4,278	206	5.1%	
58.0%	4,068	4,268	200	4.9%	
59.3%	4,061	4,261	200	4.9%	
60.5%	4,054	4,224	169	4.2%	
61.7%	4,053	4,147	93	2.3%	
63.0%	4,049	4,142	93	2.3%	
64.2%	4,013	4,127	114	2.8%	
65.4%	3,887	4,005	118	3.0%	
66.7%	3,834	4,002	167	4.4%	
67.9%	3,782	3,995	213	5.6%	
69.1%	3,755	3,983	227	6.1%	
70.4%	3,749	3,953	205	5.5%	
71.6%	3,697	3,915	218	5.9%	
72.8%	3,634	3,901	267	7.4%	
74.1%	3,630	3,879	249	6.9%	
75.3%	3,630	3,857	227	6.2%	
76.5%	3,627	3,845	219	6.0%	
77.8%	3,626	3,755	129	3.6%	
79.0%	3,619	3,734	115	3.2%	
80.2%	3,616	3,656	40	1.1%	
81.5%	3,610	3,642	33	0.9%	
82.7%	3,606	3,627	21	0.6%	
84.0%	3,511	3,600	88	2.5%	
85.2%	3,483	3,547	64	1.8%	
86.4%	3,199	3,490	291	9.1%	
87.7%	3,174	3,424	250	7.9%	
88.9%	3,157	3,307	151	4.8%	
90.1%	3,144	3,250	106	3.4%	
91.4%	3,135	3,228	93	3.0%	
92.6%	3,126	3,207	81	2.6%	
93.8%	3,121	3,157	36	1.2%	
95.1%	3,107	3,152	46	1.5%	
96.3%	3,047	3,145	98	3.2%	
97.5%	3,046	3,135	89	2.9%	
98.8%	3,040	3,122	82	2.7%	
100.0%	3,012	3,064	51	1.7%	

November					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	8,223	7,954	-269	-3.3%	
1.2%	7,570	7,547	-24	-0.3%	
2.5%	7,416	7,267	-149	-2.0%	
3.7%	6,434	6,737	304	4.7%	
4.9%	5,523	5,520	-3	-0.1%	
6.2%	5,206	5,200	-6	-0.1%	
7.4%	5,164	5,148	-16	-0.3%	
8.6%	4,678	4,839	261	5.6%	
9.9%	4,570	4,885	315	6.9%	
11.1%	4,521	4,514	-7	-0.2%	
12.3%	4,467	4,512	45	1.0%	
13.6%	4,465	4,505	40	0.9%	
14.8%	4,427	4,493	66	1.5%	
16.0%	4,394	4,396	2	0.1%	
17.3%	4,288	4,282	-6	-0.1%	
18.5%	4,239	4,276	37	0.9%	
19.8%	4,205	4,195	-10	-0.2%	
21.0%	4,180	4,169	-11	-0.3%	
22.2%	4,171	4,127	-44	-1.1%	
23.5%	4,016	4,020	4	0.1%	
24.7%	4,007	4,018	11	0.3%	
25.9%	4,000	3,997	-3	-0.1%	
27.2%	3,964	3,996	32	0.8%	
28.4%	3,964	3,995	31	0.8%	
29.6%	3,952	3,953	1	0.0%	
30.9%	3,943	3,941	-2	-0.0%	
32.1%	3,941	3,927	-14	-0.4%	
33.3%	3,907	3,921	14	0.4%	
34.6%	3,904	3,918	14	0.4%	
35.8%	3,890	3,907	17	0.4%	
37.0%	3,858	3,899	40	1.0%	
38.3%	3,849	3,886	36	0.9%	
39.5%	3,837	3,881	44	1.1%	
40.7%	3,833	3,872	39	1.0%	
42.0%	3,807	3,807	0	0.0%	
43.2%	3,772	3,772	0	0.0%	
44.4%	3,803	3,749	-55	-1.4%	
45.7%	3,770	3,704	-66	-1.8%	
46.9%	3,760	3,697	-63	-1.7%	
48.1%	3,706	3,695	-11	-0.3%	
49.4%	3,680	3,675	-5	-0.1%	
50.6%	3,678	3,673	-5	-0.1%	
51.9%	3,671	3,665	-6	-0.2%	
53.1%	3,671	3,664	-6	-0.2%	
54.3%	3,656	3,645	-11	-0.3%	
55.6%	3,653	3,635	-18	-0.5%	
56.8%	3,648	3,626	-22	-0.6%	
58.0%	3,629	3,593	-36	-1.0%	
59.3%	3,618	3,591	-27	-0.7%	
60.5%	3,600	3,589	-11	-0.3%	
61.7%	3,572	3,562	-10	-0.3%	
63.0%	3,565	3,536	-29	-0.8%	
64.2%	3,565	3,530	-34	-1.0%	
65.4%	3,562	3,527	-36	-1.0%	
66.7%	3,531	3,518	-13	-0.4%	
67.9%	3,525	3,508	-17	-0.5%	
69.1%	3,513	3,505	-8	-0.2%	
70.4%	3,491	3,497	7	0.2%	
71.6%	3,469	3,448	-21	-0.6%	
72.8%	3,446	3,446	1	0.0%	
74.1%	3,426	3,424	-2	-0.1%	
75.3%	3,421	3,412	-9	-0.3%	
76.5%	3,392	3,401	9	0.3%	
77.8%	3,332	3,376	44	1.4%	
79.0%	3,269	3,373	104	3.2%	
80.2%	3,246	3,302	56	1.7%	
81.5%	3,191	3,255	64	2.0%	
82.7%	3,170	3,218	48	1.5%	
84.0%	3,139	3,190	51	1.6%	
85.2%	3,108	3,156	48	1.5%	
86.4%	3,098	3,135	37	1.2%	
87.7%	3,086	3,122	36	1.2%	
88.9%	3,076	3,096	20	0.7%	
90.1%	3,073	3,054	-19	-0.6%	
91.4%	3,010	3,010	0	0.0%	
92.6%	2,810	2,942	132	4.7%	
93.8%	2,780	2,908	128	4.6%	
95.1%	2,779	2,888	109	3.9%	
96.3%	2,779	2,817	38	1.4%	
97.5%	2,776	2,780	4	0.1%	
98.8%	2,775	2,770	-5	-0.2%	
100.0%	2,724	2,779	54	2.0%	

December					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	11,550	11,552	2	0.0%	
1.2%	11,404	11,377	-27	-0.2%	
2.5%	10,740	10,721	-19	-0.2%	
3.7%	10,312	10,230	-82	-0.8%	
4.9%	9,791	9,841	50	0.5%	
6.2%	9,301	9,164	-137	-1.5%	
7.4%	8,757	8,483	-274	-3.1%	
8.6%	8,467	8,266	-201	-2.5%	
9.9%	8,406	8,225	-182	-2.2%	
11.1%	8,182	8,190	8	0.1%	
12.3%	6,927	6,978	51	0.7%	
13.6%	6,908	6,854	-55	-0.8%	
14.8%	6,266	6,158	-108	-1.7%	
16.0%	6,244	5,862	-382	-4.5%	
17.3%	5,985	5,730	-255	-4.3%	
18.5%	5,729	5,576	-152	-2.7%	
19.8%	5,691	5,181	-511	-9.0%	
21.0%	5,440	5,170	-269	-4.9%	
22.2%	5,359	5,059	-300	-5.6%	
23.5%	5,164	4,952	-212	-4.1%	
24.7%	5,098	4,641	-458	-9.0%	
25.9%	5,021	4,541	-480	-9.6%	
27.2%	4,592	4,541	-50	-1.1%	
28.4%	4,416	4,355	-61	-1.4%	
29.6%	4,237	4,237	0	0.0%	
30.9%	4,294	4,219	-74	-1.7%	
32.1%	4,249	4,218	-31	-0.7%	
33.3%	4,240	4,190	-50	-1.2%	
34.6%	4,223	4,169	-53	-1.3%	
35.8%	4,186	4,143	-43	-1.0%	
37.0%	4,142	4,141	-1	0.0%	
38.3%	4,133	4,112	-21	-0.5%	
39.5%	4,119	4,096	-23	-0.6%	
40.7%	4,018	4,078	60	1.5%	
42.0%	3,959	4,077	117	3.0%	
43.2%	3,943	4,054	111	2.8%	
44.4%	3,909	4,037	128	3.3%	
45.7%	3,890	4,009	119	3.1%	
46.9%	3,854	3,999	145	3.8%	
48.1%	3,828	3,948	118	3.1%	
49.4%	3,824	3,937	113	2.9%	
50.6%	3,823	3,935	112	2.9%	
51.9%	3,819	3,913	94	2.5%	
53.1%	3,819	3,902	83	2.2%	
54.3%	3,819	3,892	73	1.9%	
55.6%	3,792	3,847	55	1.5%	
56.8%	3,703	3,819	115	3.1%	
58.0%	3,693	3,748	55	1.5%	
59.3%	3,686	3,706	20	0.4%	
60.5%	3,666	3,702	36	1.0%	
61.7%	3,663	3,691	28	0.8%	
63.0%	3,653	3,675	22	0.6%	
64.2%	3,648	3,656	8	0.2%	
65.4%	3,602	3,679	77	2.1%	
66.7%	3,576	3,558	-19	-0.5%	
67.9%	3,559	3,517	-42	-1.2%	
69.1%	3,519	3,490	-29	-0.8%	
70.4%	3,455	3,462	7	0.2%	
71.6%	3,453	3,453	0	0.0%	
72.8%	3,404	3,441			

Table SW-34-b

Delta Cross Channel, Monthly Flow

Probability of Exceedance

February					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	11,753	11,755	2	0.0%	
0.2%	11,673	11,700	27	0.2%	
2.5%	11,600	11,587	-14	-0.1%	
3.7%	11,520	11,531	10	0.1%	
4.9%	11,377	11,368	-9	-0.1%	
6.2%	11,286	11,286	0	0.0%	
7.4%	11,094	11,094	-1	0.0%	
8.6%	11,077	11,032	-45	-0.4%	
9.9%	11,034	11,008	-28	-0.3%	
11.1%	10,674	10,673	0	0.0%	
12.3%	10,447	10,413	-34	-0.3%	
13.6%	10,433	10,397	-36	-0.3%	
14.8%	10,410	10,329	-81	-0.8%	
16.0%	10,302	10,302	0	0.0%	
17.3%	10,096	10,100	4	0.0%	
18.5%	9,922	9,865	-57	-0.6%	
19.8%	9,883	9,851	-32	-0.3%	
21.0%	9,836	9,690	-146	-1.5%	
22.2%	9,619	9,669	49	0.5%	
23.5%	9,575	9,542	-33	-0.3%	
24.7%	9,429	9,229	-200	-2.1%	
25.9%	9,361	9,225	-136	-1.4%	
27.2%	9,315	9,207	-108	-1.2%	
28.4%	8,708	8,694	-14	-0.3%	
29.6%	8,635	8,478	-157	-1.8%	
30.9%	8,357	8,192	-165	-2.0%	
32.1%	8,191	8,165	-27	-0.3%	
33.3%	8,115	7,787	-329	-4.0%	
34.6%	7,898	7,742	-156	-2.0%	
35.8%	7,634	7,737	96	1.2%	
37.0%	7,808	7,537	-272	-3.5%	
38.3%	7,685	7,488	-197	-2.6%	
39.5%	7,661	7,443	-218	-2.8%	
40.7%	7,577	7,428	-149	-2.0%	
42.0%	7,058	7,136	77	1.1%	
43.2%	6,945	6,945	0	0.0%	
44.4%	6,759	6,781	2	0.0%	
45.7%	6,569	6,269	-301	-4.6%	
46.9%	6,467	6,236	-232	-3.6%	
48.1%	6,228	6,204	-24	-0.4%	
49.4%	5,768	5,621	-147	-2.5%	
50.6%	5,764	5,435	-329	-5.7%	
51.9%	5,663	5,265	-398	-7.0%	
53.1%	5,588	5,228	-360	-6.4%	
54.3%	5,362	5,068	-295	-5.5%	
55.6%	5,235	4,983	-252	-4.8%	
56.8%	5,222	4,930	-292	-5.6%	
58.0%	5,045	4,591	-454	-9.0%	
59.3%	4,820	4,518	-301	-6.3%	
60.5%	4,724	4,473	-251	-5.3%	
61.7%	4,655	4,394	-261	-5.6%	
63.0%	4,646	4,277	-369	-7.9%	
64.2%	4,542	4,245	-297	-6.5%	
65.4%	4,530	4,229	-301	-6.6%	
66.7%	4,465	4,100	-365	-8.2%	
67.9%	4,398	4,059	-340	-7.7%	
69.1%	4,289	3,990	-300	-7.0%	
70.4%	4,248	3,968	-280	-6.1%	
71.6%	4,221	3,938	-283	-6.7%	
72.8%	3,993	3,823	-170	-4.3%	
74.1%	3,935	3,756	-179	-4.6%	
75.3%	3,880	3,513	-367	-9.5%	
76.5%	3,827	3,472	-355	-9.3%	
77.8%	3,762	3,446	-316	-8.4%	
79.0%	3,628	3,404	-225	-6.2%	
80.2%	3,511	3,356	-156	-4.4%	
81.5%	3,451	3,335	-116	-3.4%	
82.7%	3,426	3,242	-184	-5.4%	
84.0%	3,408	3,225	-183	-5.4%	
85.2%	3,374	3,202	-172	-5.1%	
86.4%	3,286	3,175	-112	-3.4%	
87.7%	3,273	3,161	-111	-3.4%	
88.9%	3,252	3,107	-145	-4.5%	
90.1%	3,241	3,081	-160	-4.9%	
91.4%	3,248	2,987	-261	-8.0%	
92.6%	3,107	2,969	-138	-4.4%	
93.8%	3,024	2,841	-184	-6.1%	
95.1%	2,994	2,832	-162	-5.4%	
96.3%	2,691	2,832	141	5.2%	
97.5%	2,582	2,619	37	1.4%	
98.8%	2,532	2,457	-74	-2.9%	
100.0%	2,281	2,386	105	4.6%	

March					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	11,562	11,562	0	0.0%	
1.2%	11,518	11,518	0	0.0%	
2.5%	11,242	11,245	3	0.0%	
3.7%	11,129	11,050	-78	-0.7%	
4.9%	10,815	10,815	0	0.0%	
6.2%	10,541	10,462	-79	-0.8%	
7.4%	10,366	10,293	-74	-0.7%	
8.6%	9,677	9,678	1	0.0%	
9.9%	9,490	9,320	-160	-1.7%	
11.1%	9,322	9,241	-81	-0.9%	
12.3%	9,213	9,214	1	0.0%	
13.6%	9,180	9,148	-33	-0.4%	
14.8%	9,121	9,121	0	0.0%	
16.0%	8,957	8,925	-32	-0.4%	
17.3%	8,739	8,768	27	0.3%	
18.5%	8,710	8,711	1	0.0%	
19.8%	8,595	8,433	-163	-1.9%	
21.0%	8,374	8,235	-139	-1.7%	
22.2%	8,274	8,251	-23	-0.3%	
23.5%	8,248	8,196	-51	-0.6%	
24.7%	7,744	7,769	25	0.3%	
25.9%	7,715	7,535	-180	-2.3%	
27.2%	7,708	7,454	-254	-3.3%	
28.4%	7,641	7,184	-456	-6.0%	
29.6%	7,398	7,116	-281	-3.8%	
30.9%	7,277	7,070	-207	-2.8%	
32.1%	6,985	6,632	-353	-5.1%	
33.3%	6,711	6,487	-223	-3.3%	
34.6%	6,601	6,290	-311	-4.7%	
35.8%	6,297	6,206	-91	-1.4%	
37.0%	6,296	6,122	-174	-2.8%	
38.3%	6,168	6,084	-84	-1.4%	
39.5%	6,158	5,926	-233	-3.8%	
40.7%	6,095	5,881	-215	-3.5%	
42.0%	5,931	5,713	-219	-3.7%	
43.2%	5,885	5,379	-506	-8.6%	
44.4%	5,881	5,231	-650	-11.1%	
45.7%	5,528	5,195	-333	-6.0%	
46.9%	5,118	4,904	-215	-4.2%	
48.1%	5,055	4,568	-487	-9.6%	
49.4%	4,965	4,519	-446	-9.0%	
50.6%	4,863	4,503	-361	-7.4%	
51.9%	4,670	4,251	-419	-9.0%	
53.1%	4,494	4,116	-378	-8.4%	
54.3%	4,473	4,087	-386	-8.6%	
55.6%	4,245	4,079	-166	-3.9%	
56.8%	4,235	4,046	-189	-4.5%	
58.0%	4,232	3,853	-380	-9.0%	
59.3%	4,159	3,819	-340	-8.2%	
60.5%	4,080	3,804	-277	-6.8%	
61.7%	4,044	3,769	-275	-6.8%	
63.0%	4,044	3,690	-354	-8.8%	
64.2%	3,959	3,687	-271	-6.9%	
65.4%	3,889	3,686	-204	-5.2%	
66.7%	3,880	3,679	-201	-5.2%	
67.9%	3,854	3,675	-179	-4.6%	
69.1%	3,823	3,462	-361	-9.5%	
70.4%	3,791	3,407	-383	-10.1%	
71.6%	3,689	3,391	-299	-8.1%	
72.8%	3,553	3,379	-175	-4.9%	
74.1%	3,552	3,285	-266	-7.5%	
75.3%	3,413	3,278	-135	-4.0%	
76.5%	3,412	3,275	-136	-4.0%	
77.8%	3,333	3,221	-112	-3.4%	
79.0%	3,280	3,142	-138	-4.2%	
80.2%	3,265	3,081	-184	-5.6%	
81.5%	3,151	2,919	-232	-7.4%	
82.7%	3,080	2,852	-228	-7.4%	
84.0%	3,023	2,813	-210	-7.0%	
85.2%	2,978	2,813	-165	-5.6%	
86.4%	2,979	2,813	-166	-5.6%	
87.7%	2,724	2,813	88	3.2%	
88.9%	2,715	2,757	42	1.5%	
90.1%	2,695	2,728	34	1.2%	
91.4%	2,677	2,709	32	1.1%	
92.6%	2,666	2,673	8	0.3%	
93.8%	2,649	2,652	4	0.1%	
95.1%	2,602	2,613	11	0.4%	
96.3%	2,510	2,488	-22	-0.9%	
97.5%	2,406	2,477	71	3.0%	
98.8%	2,253	2,254	2	0.1%	
100.0%	2,206	2,212	6	0.3%	

April					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	11,149	11,149	0	0.0%	
1.2%	11,131	11,131	-1	0.0%	
2.5%	10,317	10,244	-73	-0.7%	
3.7%	8,620	8,621	0	0.0%	
4.9%	8,164	8,253	89	1.1%	
6.2%	7,705	7,704	-1	0.0%	
7.4%	7,647	7,631	-15	-0.2%	
8.6%	7,629	7,547	-82	-1.1%	
9.9%	7,540	7,459	-81	-1.1%	
11.1%	7,488	7,387	-101	-1.3%	
12.3%	7,388	7,105	-283	-3.8%	
13.6%	6,356	6,041	-315	-5.0%	
14.8%	6,270	5,997	-273	-4.4%	
16.0%	6,044	5,968	-76	-1.3%	
17.3%	5,978	5,861	-117	-2.0%	
18.5%	5,786	5,733	-53	-0.9%	
19.8%	5,733	5,507	-227	-4.0%	
21.0%	5,303	5,066	-237	-4.5%	
22.2%	5,009	4,953	-57	-1.1%	
23.5%	4,859	4,849	-10	-0.2%	
24.7%	4,794	4,531	-263	-5.5%	
25.9%	4,464	4,471	7	0.2%	
27.2%	4,399	4,384	-15	-0.3%	
28.4%	4,290	4,274	-16	-0.4%	
29.6%	4,240	4,240	0	0.0%	
30.9%	4,235	4,219	-16	-0.4%	
32.1%	4,155	4,102	-53	-1.3%	
33.3%	3,969	3,969	0	0.0%	
34.6%	3,792	3,786	-6	-0.2%	
35.8%	3,752	3,633	-119	-3.2%	
37.0%	3,612	3,537	-76	-2.1%	
38.3%	3,506	3,421	-85	-2.4%	
39.5%	3,296	3,327	32	1.0%	
40.7%	3,275	3,271	-4	-0.1%	
42.0%	3,242	3,220	-22	-0.7%	
43.2%	3,030	3,035	5	0.2%	
44.4%	3,021	3,037	16	0.5%	
45.7%	3,019	3,015	-4	-0.1%	
46.9%	2,977	3,015	37	1.3%	
48.1%	2,954	2,984	30	1.0%	
49.4%	2,949	2,935	-15	-0.5%	
50.6%	2,760	2,800	40	1.4%	
51.9%	2,856	2,859	3	0.1%	
53.1%	2,847	2,849	2	0.1%	
54.3%	2,828	2,839	11	0.4%	
55.6%	2,824	2,831	7	0.2%	
56.8%	2,764	2,819	55	2.0%	
58.0%	2,760	2,819	59	2.1%	
59.3%	2,748	2,749	1	0.0%	
60.5%	2,720	2,742	22	0.8%	
61.7%	2,719	2,735	16	0.6%	
63.0%	2,713	2,720	7	0.3%	
64.2%	2,694	2,710	16	0.6%	
65.4%	2,691	2,699	8	0.3%	
66.7%	2,629	2,685	56	2.1%	
67.9%	2,624	2,675	51	1.9%	
69.1%	2,617	2,667	50	1.9%	

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

June					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	6,528	7,294	765	11.7%	
1.2%	6,314	6,060	-253	-4.0%	
2.5%	5,915	5,870	-45	-0.8%	
3.7%	5,870	5,810	-60	-1.0%	
4.9%	5,622	5,648	26	0.5%	
6.2%	5,542	5,601	59	1.1%	
7.4%	5,434	5,594	161	3.0%	
8.6%	5,428	5,557	129	2.4%	
9.9%	5,407	5,444	37	0.7%	
11.1%	5,373	5,434	60	1.1%	
12.3%	5,367	5,374	7	0.1%	
13.6%	5,294	5,367	73	1.4%	
14.8%	5,293	5,348	56	1.1%	
16.0%	5,268	5,344	76	1.4%	
17.3%	5,167	5,331	164	3.2%	
18.5%	5,147	5,310	163	3.2%	
19.8%	5,138	5,247	109	2.1%	
21.0%	5,133	5,167	35	0.7%	
22.2%	5,095	5,147	51	1.0%	
23.5%	5,083	5,098	15	0.3%	
24.7%	5,069	5,094	25	0.5%	
25.9%	5,054	5,055	0	0.0%	
27.2%	5,049	5,029	-20	-0.4%	
28.4%	5,032	5,039	7	0.1%	
29.6%	4,998	5,015	17	0.3%	
30.9%	4,986	5,008	22	0.4%	
32.1%	4,963	4,998	35	0.7%	
33.3%	4,947	4,997	50	1.0%	
34.6%	4,940	4,988	48	1.0%	
35.8%	4,932	4,963	30	0.6%	
37.0%	4,925	4,947	22	0.4%	
38.3%	4,916	4,946	30	0.6%	
39.5%	4,904	4,933	29	0.6%	
40.7%	4,879	4,925	46	0.9%	
42.0%	4,869	4,914	45	0.9%	
43.2%	4,868	4,914	46	1.0%	
44.4%	4,854	4,914	61	1.2%	
45.7%	4,833	4,914	82	1.7%	
46.9%	4,781	4,914	134	2.8%	
48.1%	4,771	4,914	144	3.0%	
49.4%	4,766	4,914	148	3.1%	
50.6%	4,813	4,774	-39	-0.8%	
51.9%	4,697	4,914	217	4.6%	
53.1%	4,693	4,880	187	4.0%	
54.3%	4,659	4,843	185	4.0%	
55.6%	4,647	4,833	186	4.0%	
56.8%	4,625	4,777	152	3.3%	
58.0%	4,613	4,774	161	3.5%	
59.3%	4,607	4,774	167	3.6%	
60.5%	4,606	4,758	152	3.3%	
61.7%	4,604	4,741	137	3.0%	
63.0%	4,582	4,723	141	3.1%	
64.2%	4,536	4,702	166	3.7%	
65.4%	4,528	4,676	149	3.3%	
66.7%	4,507	4,661	154	3.4%	
67.9%	4,489	4,626	136	3.0%	
69.1%	4,469	4,622	153	3.4%	
70.4%	4,467	4,613	146	3.3%	
71.6%	4,464	4,612	148	3.3%	
72.8%	4,463	4,606	143	3.2%	
74.1%	4,446	4,604	158	3.6%	
75.3%	4,421	4,601	180	4.1%	
76.5%	4,405	4,526	120	2.7%	
77.8%	4,395	4,514	119	2.7%	
79.0%	4,393	4,513	120	2.7%	
80.2%	4,374	4,497	123	2.8%	
81.5%	4,313	4,394	82	1.9%	
82.7%	4,296	4,369	74	1.7%	
84.0%	4,296	4,349	53	1.2%	
85.2%	4,275	4,342	68	1.6%	
86.4%	4,215	4,296	81	1.9%	
87.7%	4,201	4,219	19	0.4%	
88.9%	4,136	4,201	64	1.6%	
90.1%	4,099	4,189	90	2.2%	
91.4%	4,034	4,163	129	3.2%	
92.6%	3,925	4,034	109	2.8%	
93.8%	3,859	4,021	162	4.2%	
95.1%	3,718	3,859	141	3.8%	
96.3%	3,418	3,727	310	9.1%	
97.5%	3,342	3,373	32	0.9%	
98.8%	3,255	3,363	108	3.3%	
100.0%	3,166	3,342	176	5.6%	

July					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	8,955	8,951	-4	0.0%	
1.2%	8,936	8,951	15	0.2%	
2.5%	8,902	8,950	48	0.5%	
3.7%	8,870	8,870	0	0.0%	
4.9%	8,869	8,864	-5	-0.1%	
6.2%	8,865	8,860	-5	-0.1%	
7.4%	8,846	8,841	-5	-0.1%	
8.6%	8,843	8,841	-2	0.0%	
9.9%	8,841	8,841	0	0.0%	
11.1%	8,841	8,841	0	0.0%	
12.3%	8,841	8,841	0	0.0%	
13.6%	8,828	8,841	13	0.1%	
14.8%	8,788	8,841	53	0.6%	
16.0%	8,776	8,841	65	0.7%	
17.3%	8,692	8,841	149	1.7%	
18.5%	8,635	8,799	164	1.9%	
19.8%	8,621	8,747	126	1.5%	
21.0%	8,603	8,734	131	1.5%	
22.2%	8,602	8,719	118	1.4%	
23.5%	8,585	8,690	105	1.2%	
24.7%	8,581	8,639	58	0.7%	
25.9%	8,574	8,636	62	0.7%	
27.2%	8,562	8,629	67	0.8%	
28.4%	8,528	8,620	92	1.1%	
29.6%	8,498	8,581	84	1.0%	
30.9%	8,464	8,549	85	1.0%	
32.1%	8,313	8,523	211	2.5%	
33.3%	8,235	8,422	186	2.3%	
34.6%	8,232	8,360	127	1.5%	
35.8%	8,203	8,346	144	1.8%	
37.0%	8,180	8,340	160	2.0%	
38.3%	8,170	8,313	143	1.8%	
39.5%	8,160	8,176	16	0.2%	
40.7%	8,156	8,121	-35	-0.4%	
42.0%	8,143	8,022	-121	-1.5%	
43.2%	8,068	8,070	2	0.0%	
44.4%	8,021	7,826	-195	-2.4%	
45.7%	7,991	7,805	-186	-2.3%	
46.9%	7,829	7,775	-55	-0.7%	
48.1%	7,790	7,734	-57	-0.7%	
49.4%	7,696	7,697	0	0.0%	
50.6%	7,618	7,623	5	0.1%	
51.9%	7,630	7,621	-9	-0.1%	
53.1%	7,624	7,614	-10	-0.1%	
54.3%	7,610	7,611	0	0.0%	
55.6%	7,581	7,495	-86	-1.1%	
56.8%	7,499	7,467	-33	-0.4%	
58.0%	7,487	7,455	-33	-0.4%	
59.3%	7,480	7,451	-29	-0.4%	
60.5%	7,464	7,451	-13	-0.2%	
61.7%	7,445	7,368	-76	-1.0%	
63.0%	7,389	7,340	-49	-0.7%	
64.2%	7,387	7,332	-55	-0.7%	
65.4%	7,267	7,307	40	0.5%	
66.7%	7,194	7,269	75	1.0%	
67.9%	7,133	7,117	-16	-0.2%	
69.1%	7,120	7,098	-22	-0.3%	
70.4%	7,116	6,926	-192	-2.7%	
71.6%	7,091	6,848	-243	-3.4%	
72.8%	6,969	6,800	-169	-2.4%	
74.1%	6,732	6,549	-184	-2.7%	
75.3%	6,112	6,522	409	6.7%	
76.5%	5,925	6,509	584	9.9%	
77.8%	5,924	6,392	468	7.9%	
79.0%	5,910	6,329	419	7.1%	
80.2%	5,744	6,277	532	9.3%	
81.5%	5,442	5,935	492	9.0%	
82.7%	5,434	5,924	490	9.0%	
84.0%	5,399	5,738	340	6.3%	
85.2%	5,352	5,625	273	5.1%	
86.4%	5,238	5,514	276	5.3%	
87.7%	5,221	5,386	165	3.2%	
88.9%	5,192	5,326	134	2.6%	
90.1%	5,116	5,231	115	2.3%	
91.4%	4,985	5,174	289	5.9%	
92.6%	4,650	4,906	255	5.5%	
93.8%	4,639	4,649	9	0.2%	
95.1%	4,556	4,486	-70	-1.5%	
96.3%	4,177	4,449	272	6.5%	
97.5%	4,123	4,187	64	1.6%	
98.8%	4,161	4,161	0	0.0%	
100.0%	3,794	3,895	101	2.7%	

August					
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	6,830	6,824	-6	-0.1%	
1.2%	6,579	6,807	27	0.4%	
2.5%	6,556	6,547	-9	-0.1%	
3.7%	6,540	6,540	0	0.0%	
4.9%	6,517	6,515	-2	0.0%	
6.2%	6,516	6,514	-3	0.0%	
7.4%	6,514	6,512	-1	0.0%	
8.6%	6,490	6,506	16	0.2%	
9.9%	6,460	6,497	37	0.6%	
11.1%	6,441	6,490	49	0.8%	
12.3%	6,434	6,487	53	0.8%	
13.6%	6,392	6,441	49	0.8%	
14.8%	6,384	6,434	51	0.8%	
16.0%	6,382	6,429	47	0.7%	
17.3%	6,382	6,384	2	0.0%	
18.5%	6,376	6,376	1	0.0%	
19.8%	6,372	6,372	0	0.0%	
21.0%	6,346	6,364	17	0.3%	
22.2%	6,323	6,340	17	0.3%	
23.5%	6,323	6,323	0	0.0%	
24.7%	6,231	6,303	72	1.2%	
25.9%	6,230	6,284	54	0.9%	
27.2%	6,219	6,283	64	1.0%	
28.4%	6,208	6,265	57	0.9%	
29.6%	6,195	6,264	69	1.1%	
30.9%	6,187	6,208	21	0.3%	
32.1%	6,176	6,177	1	0.0%	
33.3%	6,147	6,142	-5	-0.1%	
34.6%	6,095	6,137	42	0.7%	
35.8%	6,092	6,124	32	0.5%	
37.0%	6,088	6,116	27	0.5%	
38.3%	6,076	6,092	16	0.3%	
39.5%	6,065	6,090	25	0.4%	
40.7%	6,060	6,071	11	0.2%	
42.0%	6,013	6,068	55	0.9%	
43.2%	5,987	6,067	79	1.3%	
44.4%	5,983	6,065	82	1.4%	
45.7%	5,926	6,060	134	2.3%	
46.9%	5,922	6,020	99	1.7%	
48.1%	5,905	6,017	111	1.9%	
49.4%	5,902	6,012	110	1.9%	
50.6%	5,734	5,884	150	2.6%	
51.9%	5,858	5,950	92	1.6%	
53.1%	5,821	5,949	129	2.2%	
54.3%	5,814	5,926	112	1.9%	
55.6%	5,803	5,921	119	2.0%	
56.8%	5,802	5,802	101	1.7%	
58.0%	5,794	5,884	90	1.6%	
59.3%	5,712	5,874	163	2.9%	
60.5%	5,706	5,857	151	2.7%	
61.7%	5,690	5,821	131	2.3%	
63.0%	5,684	5,778	94	1.7%	
64.2%	5,635	5,764	129	2.3%	
65.4%	5,593	5,742	149	2.7%	
66.7%	5,420	5,706	286	5.3%	
67.9%	5,382	5,690	308	5.7%	
69.1%	5,337	5,685	348	6.5%	
70.4%	5,317	5,674	357	6.7%	
71.6%	5,119	5,635	516	10.1%	
72.8%	5,				

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

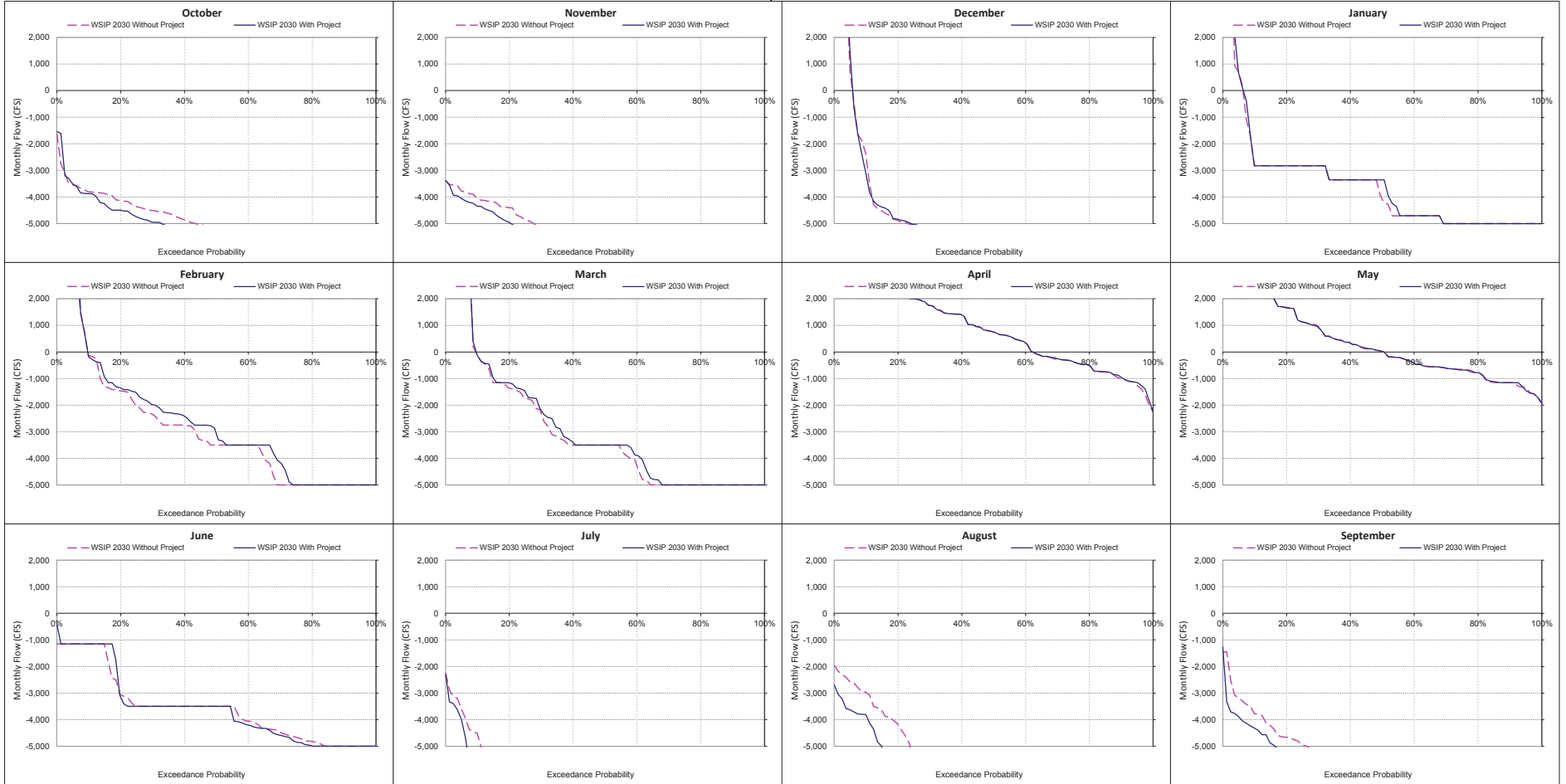


Table SW-35-b
Old and Middle River, Monthly Flow
Probability of Exceedance

October				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	-1,620	-1,540	81	
1.2%	-1,750	-1,612	1,138	
2.5%	-3,101	-3,206	-105	
3.7%	-3,492	-3,292	200	
4.9%	-3,545	-3,506	39	
6.2%	-3,569	-3,610	-41	
7.4%	-3,674	-3,846	-172	
8.6%	-3,736	-3,871	-134	
9.9%	-3,807	-3,873	-66	
11.1%	-3,815	-3,875	-61	
12.3%	-3,837	-3,986	-149	
13.6%	-3,846	-4,243	-379	
14.8%	-3,864	-4,397	-475	
16.0%	-3,922	-4,492	-542	
18.5%	-4,107	-4,494	-387	
19.8%	-4,138	-4,498	-360	
21.0%	-4,160	-4,525	-365	
22.2%	-4,170	-4,539	-370	
23.5%	-4,275	-4,567	-292	
24.7%	-4,362	-4,730	-368	
25.9%	-4,393	-4,795	-403	
27.2%	-4,437	-4,843	-406	
28.4%	-4,479	-4,874	-395	
29.6%	-4,504	-4,924	-420	
30.9%	-4,525	-4,950	-425	
32.1%	-4,563	-4,953	-390	
33.3%	-4,564	-5,039	-474	
34.6%	-4,610	-5,081	-472	
35.8%	-4,648	-5,093	-444	
37.0%	-4,719	-5,280	-561	
38.3%	-4,789	-5,312	-523	
39.5%	-4,843	-5,391	-548	
40.7%	-4,885	-5,427	-542	
42.0%	-4,956	-5,435	-479	
43.2%	-4,984	-5,444	-460	
44.4%	-5,037	-5,531	-495	
45.7%	-5,046	-5,535	-490	
46.9%	-5,220	-5,695	-475	
48.1%	-5,287	-5,751	-464	
49.4%	-5,291	-5,925	-634	
50.6%	-5,396	-5,966	-570	
51.9%	-5,577	-5,981	-404	
53.1%	-5,623	-6,011	-388	
54.3%	-5,648	-6,066	-418	
55.6%	-5,739	-6,103	-364	
56.8%	-5,746	-6,183	-437	
58.0%	-5,794	-6,264	-470	
59.3%	-5,813	-6,277	-465	
60.5%	-5,837	-6,278	-440	
61.7%	-5,844	-6,303	-459	
63.0%	-5,870	-6,330	-460	
64.2%	-6,026	-6,470	-444	
65.4%	-6,032	-6,582	-550	
66.7%	-6,036	-6,589	-552	
67.9%	-6,047	-6,598	-551	
69.1%	-6,057	-6,767	-709	
70.4%	-6,159	-6,801	-643	
71.6%	-6,163	-6,865	-702	
72.8%	-6,286	-6,914	-628	
74.1%	-6,523	-6,977	-454	
75.3%	-6,586	-7,184	-597	
76.5%	-6,684	-7,233	-549	
77.8%	-6,900	-7,332	-431	
79.0%	-6,948	-7,367	-419	
80.2%	-6,957	-7,460	-503	
81.5%	-6,964	-7,480	-516	
82.7%	-7,072	-7,504	-432	
84.0%	-7,117	-7,518	-402	
85.2%	-7,228	-7,705	-477	
86.4%	-7,295	-8,008	-713	
87.7%	-7,471	-8,126	-654	
88.9%	-7,490	-8,138	-647	
90.1%	-7,687	-8,197	-510	
91.4%	-7,706	-8,292	-576	
92.6%	-7,733	-8,369	-636	
93.8%	-8,201	-8,446	-245	
95.1%	-8,721	-8,610	111	
96.3%	-8,746	-8,779	-33	
97.5%	-8,332	-8,328	4	
98.8%	-9,436	-9,425	11	
100.0%	-10,323	-10,413	-90	

November				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	-3,386	-3,386	0	
1.2%	-3,529	-3,557	-29	
2.5%	-3,557	-3,939	-382	
3.7%	-3,569	-3,956	-387	
4.9%	-3,779	-4,054	-275	
6.2%	-3,809	-4,146	-337	
7.4%	-3,870	-4,207	-337	
8.6%	-3,901	-4,232	-332	
9.9%	-4,050	-4,341	-291	
11.1%	-4,122	-4,360	-239	
12.3%	-4,132	-4,455	-323	
13.6%	-4,163	-4,505	-342	
14.8%	-4,169	-4,566	-397	
16.0%	-4,232	-4,700	-467	
17.3%	-4,373	-4,798	-425	
18.5%	-4,378	-4,884	-506	
19.8%	-4,404	-4,946	-543	
21.0%	-4,410	-5,043	-633	
22.2%	-4,676	-5,097	-421	
23.5%	-4,740	-5,172	-432	
24.7%	-4,835	-5,179	-345	
25.9%	-4,892	-5,180	-287	
27.2%	-4,963	-5,216	-253	
28.4%	-5,066	-5,391	-325	
29.6%	-5,094	-5,494	-400	
30.9%	-5,231	-5,610	-379	
32.1%	-5,246	-5,686	-441	
33.3%	-5,325	-5,697	-372	
34.6%	-5,511	-5,795	-283	
35.8%	-5,575	-5,841	-266	
37.0%	-5,581	-5,917	-336	
38.3%	-5,657	-6,217	-560	
39.5%	-5,666	-6,272	-607	
40.7%	-5,784	-6,287	-503	
42.0%	-5,864	-6,346	-482	
43.2%	-5,850	-6,225	-375	
44.4%	-6,236	-6,423	-187	
45.7%	-6,278	-6,468	-190	
46.9%	-6,345	-6,509	-164	
48.1%	-6,416	-6,522	-107	
49.4%	-6,447	-6,633	-186	
50.6%	-6,566	-6,465	161	
51.9%	-6,459	-6,914	-455	
53.1%	-6,752	-6,949	-196	
54.3%	-6,782	-6,984	-201	
55.6%	-6,884	-7,041	-157	
56.8%	-6,924	-7,246	-322	
58.0%	-7,027	-7,295	-267	
59.3%	-7,100	-7,428	-328	
60.5%	-7,123	-7,510	-387	
61.7%	-7,138	-7,792	-653	
63.0%	-7,148	-7,794	-646	
64.2%	-7,160	-7,833	-673	
65.4%	-7,168	-8,081	-912	
66.7%	-7,180	-8,136	-956	
67.9%	-7,357	-8,195	-838	
69.1%	-7,437	-8,228	-792	
70.4%	-7,633	-8,338	-706	
71.6%	-7,715	-8,366	-650	
72.8%	-7,732	-8,515	-783	
74.1%	-7,741	-8,538	-796	
75.3%	-7,810	-8,668	-859	
76.5%	-8,136	-8,746	-610	
77.8%	-8,219	-8,840	-620	
79.0%	-8,247	-8,943	-696	
80.2%	-8,400	-9,050	-650	
81.5%	-8,718	-9,159	-441	
82.7%	-9,083	-9,426	-343	
84.0%	-9,145	-9,463	-318	
85.2%	-9,204	-9,472	-268	
86.4%	-9,262	-9,670	-407	
87.7%	-9,840	-9,701	139	
88.9%	-9,888	-9,872	16	
90.1%	-9,903	-9,903	0	
91.4%	-10,100	-10,100	0	
92.6%	-10,108	-10,108	0	
93.8%	-10,117	-10,112	5	
95.1%	-10,159	-10,160	-1	
96.3%	-10,243	-10,262	-19	
97.5%	-10,260	-10,320	-60	
98.8%	-10,334	-10,335	-1	
100.0%	-10,445	-10,496	-51	

December				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	9,809	9,774	-35	-0.4%
1.2%	9,336	9,320	-16	-0.2%
2.5%	8,205	7,938	-267	-3.3%
3.7%	4,527	4,527	0	0.0%
4.9%	731	1,541	810	110.8%
6.2%	-445	-643	-198	
7.4%	-1,644	-1,660	-16	
8.6%	-1,876	-2,398	-520	
9.9%	-2,354	-3,108	-755	
11.1%	-3,550	-3,263	287	
12.3%	-4,282	-4,157	124	
13.6%	-4,450	-4,305	144	
14.8%	-4,523	-4,374	149	
16.0%	-4,610	-4,424	187	
17.3%	-4,695	-4,515	180	
18.5%	-4,836	-4,813	23	
19.8%	-4,871	-4,832	39	
21.0%	-4,949	-4,876	72	
22.2%	-4,954	-4,906	48	
23.5%	-5,023	-4,968	54	
24.7%	-5,037	-5,032	4	
25.9%	-5,140	-5,041	99	
27.2%	-5,279	-5,178	101	
28.4%	-5,349	-5,305	45	
29.6%	-5,471	-5,484	-13	
30.9%	-5,518	-5,524	-7	
32.1%	-5,583	-5,576	7	
33.3%	-5,651	-5,683	-32	
34.6%	-5,871	-5,871	0	
35.8%	-5,871	-5,871	0	
37.0%	-5,871	-5,871	0	
38.3%	-5,871	-5,871	0	
39.5%	-5,871	-5,871	0	
40.7%	-5,871	-5,871	0	
42.0%	-5,871	-5,871	0	
43.2%	-5,871	-5,871	0	
44.4%	-5,871	-5,871	0	
45.7%	-5,871	-5,871	0	
46.9%	-5,871	-5,871	0	
48.1%	-5,871	-5,871	0	
49.4%	-5,871	-5,871	0	
50.6%	-5,871	-5,871	0	
51.9%	-5,871	-5,871	0	
53.1%	-5,871	-5,871	0	
54.3%	-5,871	-5,871	0	
55.6%	-5,871	-5,871	0	
56.8%	-5,871	-5,871	0	
58.0%	-5,871	-5,871	0	
59.3%	-5,871	-5,871	0	
60.5%	-5,871	-5,871	0	
61.7%	-5,871	-6,122	-251	
63.0%	-5,871	-6,277	-406	
64.2%	-5,944	-6,437	-494	
65.4%	-6,221	-6,474	-253	
66.7%	-6,396	-6,531	-135	
67.9%	-6,430	-6,736	-306	
69.1%	-6,467	-6,870	-403	
70.4%	-6,523	-7,142	-619	
71.6%	-7,228	-7,237	-9	
72.8%	-7,243	-8,364	-1,121	
74.1%	-8,197	-8,490	-293	
75.3%	-9,053	-8,987	66	
76.5%	-9,083	-9,010	73	
77.8%	-9,180	-9,233	-52	
79.0%	-9,233	-9,325	-92	
80.2%	-9,281	-9,357	-76	
81.5%	-9,357	-9,448	-91	
82.7%	-9,448	-9,458	-10	
84.0%	-9,467	-9,541	-74	
85.2%	-9,516	-9,567	-51	
86.4%	-9,567	-9,601	-34	
87.7%	-9,620	-9,620	0	
88.9%	-9,672	-9,658	14	
90.1%	-9,681	-9,670	12	
91.4%	-9,690	-9,691	-1	
92.6%	-9,704	-9,685	18	
93.8%	-9,723	-9,700	23	
95.1%	-9,742	-9,704	39	
96.3%	-9,752	-9,723	30	
97.5%	-9,792	-9,742	49	
98.8%	-9,827	-9,832	-5	
100.0%	-9,967	-10,076	-109	

January				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	30,732	30,721	-11	0.0%
1.2%	8,781	7,849	-932	-10.6%
2.5%	6,435	6,428	-7	-0.1%
3.7%	943	2,098	1,155	122.4%
4.9%	714	689	-26	-3.6%
6.2%	153	119	-35	-22.5%
7.4%	-1,115	-930	185	
8.6%	-1,706	-1,700	6	
9.9%	-2,823	-2,823	0	
11.1%	-2,823	-2,823	0	
12.3%	-2,823	-2,823	0	
13.6%	-2,823	-2,823	0	
14.8%	-2,823	-2,		

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

February				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	16,536	16,589	53	0.3%
1.2%	9,987	9,978	-9	-0.1%
2.5%	9,645	9,136	-509	-5.3%
3.7%	8,019	7,987	-32	-0.4%
4.9%	7,409	6,351	-1,058	-14.3%
6.2%	2,980	5,352	2,372	79.6%
7.4%	1,509	1,476	-33	-2.2%
8.6%	748	717	-31	-4.1%
9.9%	-133	-172	-39	-29.3%
11.1%	-172	-288	-116	-67.4%
12.3%	-255	-363	-108	-42.3%
13.6%	-1,009	-399	610	60.4%
14.8%	-1,309	-915	394	30.0%
16.0%	-1,341	-1,150	190	14.2%
17.3%	-1,413	-1,157	256	18.1%
18.5%	-1,413	-1,309	104	7.3%
19.8%	-1,463	-1,341	122	8.4%
21.0%	-1,479	-1,413	66	4.5%
22.2%	-1,512	-1,413	99	6.5%
23.5%	-1,786	-1,479	307	17.2%
24.7%	-2,000	-1,512	488	24.4%
25.9%	-2,107	-1,692	415	19.7%
27.2%	-2,268	-1,786	482	21.3%
28.4%	-2,295	-1,845	450	19.6%
29.7%	-2,321	-1,973	348	15.0%
30.9%	-2,422	-2,000	422	17.4%
32.1%	-2,618	-2,107	510	19.5%
33.3%	-2,750	-2,268	482	17.5%
34.6%	-2,750	-2,287	463	16.8%
35.8%	-2,750	-2,295	455	16.5%
37.0%	-2,750	-2,321	429	15.6%
38.3%	-2,750	-2,336	414	15.0%
39.5%	-2,750	-2,386	364	13.2%
40.7%	-2,776	-2,473	303	10.9%
42.0%	-2,776	-2,634	142	5.1%
43.2%	-2,940	-2,940	0	0.0%
44.4%	-3,277	-2,750	527	16.1%
45.7%	-3,329	-2,750	579	17.4%
46.9%	-3,339	-2,750	589	17.6%
48.1%	-3,500	-2,776	724	20.7%
49.4%	-3,500	-2,857	643	18.4%
50.6%	-3,500	-3,315	185	5.3%
51.9%	-3,500	-3,339	161	4.6%
53.1%	-3,500	-3,500	0	0.0%
54.3%	-3,500	-3,500	0	0.0%
55.6%	-3,500	-3,500	0	0.0%
56.8%	-3,500	-3,500	0	0.0%
58.0%	-3,500	-3,500	0	0.0%
59.3%	-3,500	-3,500	0	0.0%
60.5%	-3,500	-3,500	0	0.0%
61.7%	-3,500	-3,500	0	0.0%
63.0%	-3,500	-3,500	0	0.0%
64.2%	-3,784	-3,500	284	7.5%
65.4%	-4,084	-3,500	584	16.5%
66.7%	-4,188	-3,500	688	18.4%
67.9%	-4,668	-3,817	850	22.8%
69.1%	-5,000	-4,085	915	23.1%
70.4%	-5,000	-4,188	812	16.4%
71.6%	-5,000	-4,461	539	10.8%
72.8%	-5,000	-4,902	98	2.0%
74.1%	-5,000	-5,000	0	0.0%
75.3%	-5,000	-5,000	0	0.0%
76.5%	-5,000	-5,000	0	0.0%
77.8%	-5,000	-5,000	0	0.0%
79.0%	-5,000	-5,000	0	0.0%
80.2%	-5,000	-5,000	0	0.0%
81.5%	-5,000	-5,000	0	0.0%
82.7%	-5,000	-5,000	0	0.0%
84.0%	-5,000	-5,000	0	0.0%
85.2%	-5,000	-5,000	0	0.0%
86.4%	-5,000	-5,000	0	0.0%
87.7%	-5,000	-5,000	0	0.0%
88.9%	-5,000	-5,000	0	0.0%
90.1%	-5,000	-5,000	0	0.0%
91.4%	-5,000	-5,000	0	0.0%
92.6%	-5,000	-5,000	0	0.0%
93.8%	-5,000	-5,000	0	0.0%
95.1%	-5,000	-5,000	0	0.0%
96.3%	-5,000	-5,000	0	0.0%
97.5%	-5,000	-5,000	0	0.0%
98.8%	-5,000	-5,000	0	0.0%
100.0%	-5,000	-5,000	0	0.0%

March				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	29,800	29,781	-19	-0.1%
1.2%	17,575	17,528	-47	-0.3%
2.5%	11,288	11,246	-42	-0.4%
3.7%	6,656	6,643	-14	-0.2%
4.9%	4,966	4,971	5	0.1%
6.2%	4,993	4,946	-46	-0.9%
7.4%	3,896	3,411	-485	-12.4%
8.6%	200	397	197	98.4%
9.9%	-108	-108	0	0.0%
11.1%	-346	-354	-8	-2.3%
12.3%	-460	-430	31	6.7%
13.6%	-623	-460	163	26.2%
14.8%	-1,150	-963	187	16.3%
16.0%	-1,150	-1,150	0	0.0%
17.3%	-1,150	-1,150	0	0.0%
18.5%	-1,210	-1,150	59	4.9%
19.8%	-1,358	-1,150	208	15.3%
21.0%	-1,388	-1,210	178	12.8%
22.2%	-1,447	-1,358	89	6.1%
23.5%	-1,516	-1,388	128	8.5%
24.7%	-1,734	-1,447	287	16.5%
25.9%	-1,764	-1,701	63	3.6%
27.2%	-1,831	-1,734	97	5.3%
28.4%	-2,132	-1,745	387	18.2%
29.7%	-2,167	-2,134	33	1.5%
30.9%	-2,619	-2,352	266	10.2%
32.1%	-2,807	-2,460	347	12.4%
33.3%	-3,102	-2,499	602	19.4%
34.6%	-3,158	-2,833	325	10.4%
35.8%	-3,258	-2,881	378	11.6%
37.0%	-3,323	-3,159	154	4.6%
38.3%	-3,459	-3,250	210	6.1%
39.5%	-3,500	-3,355	145	4.1%
40.7%	-3,500	-3,500	0	0.0%
42.0%	-3,500	-3,500	0	0.0%
43.2%	-3,500	-3,500	0	0.0%
44.4%	-3,500	-3,500	0	0.0%
45.7%	-3,500	-3,500	0	0.0%
46.9%	-3,500	-3,500	0	0.0%
48.1%	-3,500	-3,500	0	0.0%
49.4%	-3,500	-3,500	0	0.0%
50.6%	-3,500	-3,500	0	0.0%
51.9%	-3,500	-3,500	0	0.0%
53.1%	-3,500	-3,500	0	0.0%
54.3%	-3,500	-3,500	0	0.0%
55.6%	-3,782	-3,500	282	7.4%
56.8%	-3,908	-3,500	408	10.4%
58.0%	-4,017	-3,887	130	3.3%
59.3%	-4,026	-3,858	168	4.2%
60.5%	-4,461	-3,908	553	12.4%
61.7%	-4,805	-4,058	747	15.5%
63.0%	-4,814	-4,451	363	7.5%
64.2%	-4,995	-4,745	250	5.0%
65.4%	-5,000	-4,803	197	3.9%
66.7%	-5,000	-4,805	195	3.9%
67.9%	-5,000	-4,995	5	0.1%
69.1%	-5,000	-5,000	0	0.0%
70.4%	-5,000	-5,000	0	0.0%
71.6%	-5,000	-5,000	0	0.0%
72.8%	-5,000	-5,000	0	0.0%
74.1%	-5,000	-5,000	0	0.0%
75.3%	-5,000	-5,000	0	0.0%
76.5%	-5,000	-5,000	0	0.0%
77.8%	-5,000	-5,000	0	0.0%
79.0%	-5,000	-5,000	0	0.0%
80.2%	-5,000	-5,000	0	0.0%
81.5%	-5,000	-5,000	0	0.0%
82.7%	-5,000	-5,000	0	0.0%
84.0%	-5,000	-5,000	0	0.0%
85.2%	-5,000	-5,000	0	0.0%
86.4%	-5,000	-5,000	0	0.0%
87.7%	-5,000	-5,000	0	0.0%
88.9%	-5,000	-5,000	0	0.0%
90.1%	-5,000	-5,000	0	0.0%
91.4%	-5,000	-5,000	0	0.0%
92.6%	-5,000	-5,000	0	0.0%
93.8%	-5,000	-5,000	0	0.0%
95.1%	-5,000	-5,000	0	0.0%
96.3%	-5,000	-5,000	0	0.0%
97.5%	-5,000	-5,000	0	0.0%
98.8%	-5,000	-5,000	0	0.0%
100.0%	-5,000	-5,000	0	0.0%

April				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	9,870	9,752	-118	-1.2%
1.2%	9,731	9,960	229	2.3%
2.5%	6,863	6,834	-29	-0.4%
3.7%	5,676	5,662	-14	-0.2%
4.9%	4,150	4,121	-29	-0.7%
6.2%	3,723	3,704	-19	-0.5%
7.4%	3,704	3,694	-10	-0.3%
8.6%	3,187	3,187	0	0.0%
9.9%	3,163	3,148	-15	-0.5%
11.1%	3,041	3,026	-15	-0.5%
12.3%	2,816	2,812	-4	-0.2%
13.6%	2,738	2,727	-11	-0.4%
14.8%	2,688	2,688	0	0.0%
16.0%	2,615	2,615	0	0.0%
17.3%	2,360	2,360	0	0.0%
18.5%	2,358	2,358	0	0.0%
19.8%	2,352	2,336	-16	-0.7%
21.0%	2,173	2,173	0	0.0%
22.2%	2,112	2,112	0	0.0%
23.5%	2,008	2,008	-1	-0.0%
24.7%	2,008	2,002	-6	-0.3%
25.9%	1,993	1,993	0	0.0%
27.2%	1,940	1,940	0	0.0%
28.4%	1,877	1,877	0	0.0%
29.7%	1,754	1,754	0	0.0%
30.9%	1,733	1,733	0	0.0%
32.1%	1,605	1,604	-1	-0.1%
33.3%	1,577	1,553	-24	-1.5%
34.6%	1,466	1,457	-9	-0.6%
35.8%	1,457	1,446	-11	-0.8%
37.0%	1,431	1,431	0	0.0%
38.3%	1,424	1,424	0	0.0%
39.5%	1,421	1,421	0	0.0%
40.7%	1,341	1,341	0	0.0%
42.0%	1,035	1,035	0	0.0%
43.2%	1,030	1,030	0	0.0%
44.4%	958	958	0	0.0%
45.7%	936	936	0	0.0%
46.9%	874	828	-46	-5.2%
48.1%	797	798	1	0.1%
49.4%	771	771	0	0.0%
50.6%	722	722	-3	-0.5%
51.9%	652	652	0	0.0%
53.1%	641	641	0	0.0%
54.3%	614	614	0	0.0%
55.6%	564	564	0	0.0%
56.8%	485	485	0	0.0%
58.0%	450	435	-15	-3.4%
59.3%	399	400	1	0.2%
60.5%	289	289	0	0.0%
61.7%	29	29	0	0.0%
63.0%	-48	-48	0	0.0%
64.2%	-109	-109	0	0.0%
65.4%	-162	-162	0	0.0%
66.7%	-171	-170	1	0.6%
67.9%	-213	-197	16	7.5%
69.1%	-266	-213	53	19.9%
70.4%	-272	-266	6	2.2%
71.6%	-296	-296	0	0.0%
72.8%	-303	-303	0	0.0%
74.1%	-329	-328	1	0.3%
75.3%	-383	-383	0	0.0%
76.5%	-440	-440	0	0.0%
77.8%	-453	-452	1	0.2%
79.0%	-463	-463	0	0.0%
80.2%	-526	-526	0	0.0%
81.5%	-719	-724	-5	-0.7%
82.7%	-741	-729	12	1.6%
84.0%	-741	-741	0	0.0%
85.2%	-756	-741	15	2.0%
86.4%	-764	-764	0	0.0%
87.7%	-859	-859	0	0.0%
88.9%	-965	-865	101	10.5%
90.1%	-1,003	-965	38	3.8%
91.4%	-1,053	-1,057	-4	-0.4%
92.6%	-1,105	-1,105	0	0.0%
93.8%	-1,129	-1,127	2	0.2%
95.1%	-1,265	-1,150	115	9.1%
96.3%	-1,396	-1,265	131	9.4%
97.5%	-1,616	-1,396	219	13.6%
98.8%	-2,014	-1,831	182	9.0%
100.0%	-2,253	-2,254	-1	-0.0%

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

June				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	-1,150	-415	735	
1.2%	-1,150	-1,150	0	
2.5%	-1,150	-1,150	0	
3.7%	-1,150	-1,150	0	
4.9%	-1,150	-1,150	0	
6.2%	-1,150	-1,150	0	
7.4%	-1,150	-1,150	0	
8.6%	-1,150	-1,150	0	
9.9%	-1,150	-1,150	0	
11.1%	-1,150	-1,150	0	
12.3%	-1,150	-1,150	0	
13.6%	-1,150	-1,150	0	
14.8%	-1,150	-1,150	0	
16.0%	-1,825	-1,150	674	
17.3%	-2,433	-1,150	1,282	
18.5%	-2,508	-1,766	743	
19.8%	-3,047	-3,089	-41	
21.0%	-3,125	-3,407	-282	
22.2%	-3,188	-3,500	-312	
23.5%	-3,379	-3,500	-121	
24.7%	-3,500	-3,500	0	
25.9%	-3,500	-3,500	0	
27.2%	-3,500	-3,500	0	
28.4%	-3,500	-3,500	0	
29.6%	-3,500	-3,500	0	
30.9%	-3,500	-3,500	0	
32.1%	-3,500	-3,500	0	
33.3%	-3,500	-3,500	0	
34.6%	-3,500	-3,500	0	
35.8%	-3,500	-3,500	0	
37.0%	-3,500	-3,500	0	
38.3%	-3,500	-3,500	0	
39.5%	-3,500	-3,500	0	
40.7%	-3,500	-3,500	0	
42.0%	-3,500	-3,500	0	
43.2%	-3,500	-3,500	0	
44.4%	-3,500	-3,500	0	
45.7%	-3,500	-3,500	0	
46.9%	-3,500	-3,500	0	
48.1%	-3,500	-3,500	0	
49.4%	-3,500	-3,500	0	
50.6%	-3,500	-3,500	0	
51.9%	-3,500	-3,500	0	
53.1%	-3,500	-3,500	0	
54.3%	-3,500	-3,500	0	
55.6%	-3,500	-4,052	-552	
56.8%	-3,824	-4,080	-256	
58.0%	-3,979	-4,115	-136	
59.3%	-4,052	-4,183	-131	
60.5%	-4,058	-4,215	-157	
61.7%	-4,120	-4,276	-156	
63.0%	-4,166	-4,305	-139	
64.2%	-4,326	-4,327	-1	
65.4%	-4,329	-4,330	-1	
66.7%	-4,355	-4,393	-38	
67.9%	-4,374	-4,519	-145	
69.1%	-4,394	-4,569	-175	
70.4%	-4,505	-4,601	-95	
71.6%	-4,549	-4,634	-85	
72.8%	-4,605	-4,670	-65	
74.1%	-4,633	-4,797	-164	
75.3%	-4,670	-4,854	-183	
76.5%	-4,720	-4,869	-148	
77.8%	-4,797	-4,932	-135	
79.0%	-4,886	-4,958	-152	
80.2%	-4,823	-5,000	-177	
81.5%	-4,856	-5,000	-144	
82.7%	-4,918	-5,000	-82	
84.0%	-5,000	-5,000	0	
85.2%	-5,000	-5,000	0	
86.4%	-5,000	-5,000	0	
87.7%	-5,000	-5,000	0	
88.9%	-5,000	-5,000	0	
90.1%	-5,000	-5,000	0	
91.4%	-5,000	-5,000	0	
92.6%	-5,000	-5,000	0	
93.8%	-5,000	-5,000	0	
95.1%	-5,000	-5,000	0	
96.3%	-5,000	-5,000	0	
97.5%	-5,000	-5,000	0	
98.8%	-5,000	-5,000	0	
100.0%	-5,000	-5,000	0	

July				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	-2,252	-2,306	-54	
1.2%	-2,901	-3,328	-427	
2.5%	-3,141	-3,400	-259	
3.7%	-3,201	-3,632	-432	
4.9%	-3,590	-3,991	-401	
6.2%	-3,938	-4,668	-730	
7.4%	-4,366	-5,653	-1,288	
8.6%	-4,464	-5,726	-1,262	
9.9%	-4,507	-5,807	-1,300	
11.1%	-5,014	-6,340	-1,327	
12.3%	-5,924	-6,374	-451	
13.6%	-6,041	-6,888	-827	
14.8%	-6,083	-6,877	-795	
16.0%	-6,250	-7,070	-820	
17.3%	-6,312	-7,229	-917	
18.5%	-6,325	-7,233	-908	
19.8%	-6,691	-7,368	-677	
21.0%	-6,908	-7,605	-697	
22.2%	-7,217	-7,676	-458	
23.5%	-7,301	-7,734	-434	
24.7%	-7,372	-7,745	-373	
25.9%	-7,385	-7,977	-592	
27.2%	-7,483	-7,979	-496	
28.4%	-7,553	-8,029	-477	
29.6%	-7,614	-8,264	-650	
30.9%	-7,709	-8,316	-607	
32.1%	-7,978	-8,715	-737	
33.3%	-8,016	-8,755	-739	
34.6%	-8,063	-8,856	-793	
35.8%	-8,108	-9,048	-940	
37.0%	-8,251	-9,054	-804	
38.3%	-8,327	-9,113	-786	
39.5%	-8,412	-9,141	-729	
40.7%	-8,711	-9,163	-453	
42.0%	-8,795	-9,179	-384	
43.2%	-8,821	-9,481	-660	
44.4%	-9,108	-9,385	-277	
45.7%	-9,176	-9,404	-227	
46.9%	-9,262	-9,512	-250	
48.1%	-9,285	-9,624	-339	
49.4%	-9,515	-9,697	-181	
50.6%	-9,544	-9,689	-145	
51.9%	-9,633	-9,731	-98	
53.1%	-9,727	-9,739	-12	
54.3%	-9,727	-9,742	-15	
55.6%	-9,739	-9,916	-177	
56.8%	-9,743	-9,930	-188	
58.0%	-9,883	-9,932	-49	
59.3%	-9,931	-9,995	-64	
60.5%	-9,963	-10,124	-161	
61.7%	-9,987	-10,140	-153	
63.0%	-10,026	-10,195	-169	
64.2%	-10,067	-10,260	-193	
65.4%	-10,259	-10,285	-26	
66.7%	-10,260	-10,302	-43	
67.9%	-10,291	-10,406	-114	
69.1%	-10,369	-10,444	-75	
70.4%	-10,376	-10,448	-72	
71.6%	-10,385	-10,639	-254	
72.8%	-10,405	-10,659	-254	
74.1%	-10,413	-10,725	-312	
75.3%	-10,444	-10,760	-317	
76.5%	-10,495	-10,826	-331	
77.8%	-10,579	-10,889	-310	
79.0%	-10,695	-11,003	-308	
80.2%	-10,790	-11,032	-242	
81.5%	-10,830	-11,088	-258	
82.7%	-10,863	-11,171	-308	
84.0%	-10,910	-11,178	-269	
85.2%	-11,004	-11,213	-210	
86.4%	-11,080	-11,223	-143	
87.7%	-11,087	-11,315	-228	
88.9%	-11,153	-11,328	-175	
90.1%	-11,179	-11,341	-162	
91.4%	-11,232	-11,371	-139	
92.6%	-11,283	-11,423	-140	
93.8%	-11,327	-11,456	-129	
95.1%	-11,354	-11,519	-165	
96.3%	-11,422	-11,563	-142	
97.5%	-11,519	-11,610	-91	
98.8%	-11,564	-11,712	-148	
100.0%	-11,713	-11,712	1	

August				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	-1,955	-2,686	-732	
1.2%	-2,173	-3,049	-876	
2.5%	-2,309	-3,217	-909	
3.7%	-2,400	-3,576	-1,176	
4.9%	-2,583	-3,624	-1,041	
6.2%	-2,623	-3,708	-1,086	
7.4%	-2,794	-3,798	-995	
8.6%	-2,940	-3,799	-859	
9.9%	-2,969	-3,810	-841	
11.1%	-3,074	-4,125	-1,051	
12.3%	-3,503	-4,358	-855	
13.6%	-3,548	-4,839	-1,291	
14.8%	-3,642	-4,997	-1,355	
16.0%	-3,884	-5,453	-1,569	
17.3%	-3,899	-5,633	-1,735	
18.5%	-4,024	-5,987	-1,963	
19.8%	-4,140	-6,111	-1,971	
21.0%	-4,384	-6,420	-2,036	
22.2%	-4,589	-6,793	-2,204	
23.5%	-4,863	-6,874	-2,011	
24.7%	-5,395	-7,613	-2,218	
25.9%	-6,011	-7,897	-1,886	
27.2%	-6,750	-8,026	-1,276	
28.4%	-7,064	-8,221	-1,157	
29.6%	-7,169	-8,470	-1,301	
30.9%	-7,378	-8,738	-1,360	
32.1%	-7,798	-8,807	-1,009	
33.3%	-8,332	-8,854	-522	
34.6%	-8,680	-9,164	-485	
35.8%	-8,854	-9,226	-372	
37.0%	-8,973	-9,424	-451	
38.3%	-9,070	-9,540	-471	
39.5%	-9,088	-9,559	-471	
40.7%	-9,098	-9,573	-475	
42.0%	-9,395	-9,832	-437	
43.2%	-9,511	-9,885	-374	
44.4%	-9,677	-9,851	-174	
45.7%	-9,793	-9,868	-75	
46.9%	-9,821	-9,915	-93	
48.1%	-9,832	-9,984	-152	
49.4%	-9,868	-10,109	-241	
50.6%	-9,891	-10,159	-268	
51.9%	-9,939	-10,159	-220	
53.1%	-9,949	-10,213	-264	
54.3%	-10,036	-10,232	-195	
55.6%	-10,159	-10,238	-79	
56.8%	-10,195	-10,273	-78	
58.0%	-10,213	-10,292	-79	
59.3%	-10,232	-10,314	-82	
60.5%	-10,238	-10,324	-86	
61.7%	-10,265	-10,336	-71	
63.0%	-10,274	-10,349	-75	
64.2%	-10,292	-10,378	-86	
65.4%	-10,295	-10,397	-102	
66.7%	-10,296	-10,511	-214	
67.9%	-10,349	-10,522	-173	
69.1%	-10,397	-10,549	-152	
70.4%	-10,511	-10,587	-77	
71.6%	-10,549	-10,678	-129	
72.8%	-10,587	-10,710	-124	
74.1%	-10,651	-10,739	-88	
75.3%	-10,652	-10,746	-94	
76.5%	-10,679	-10,752	-74	
77.8%	-10,709	-10,758	-49	
79.0%	-10,739	-10,796	-57	
80.2%	-10,752	-10,812	-60	
81.5%	-10,758	-10,825	-67	
82.7%	-10,795	-10,847	-52	
84.0%	-10,825	-10,855	-29	
85.2%	-10,847	-10,898	-51	
86.4%	-10,855	-10,903	-49	
87.7%	-10,899	-10,906	-7	
88.9%	-10,903	-10,919	-16	
90.1%	-10,906	-10,923	-18	
91.4%	-10,919	-10,925	-6	
92.6%	-10,923	-10,941	-18	
93.8%	-10,924	-10,948	-24	
95.1%	-10,930	-10,966	-36	
96.3%	-10,966	-10,992	-27	
97.5%	-10,997	-10,997	0	
98.8%	-10,923	-10,923	0	
100.0%	-11,119	-11,119	0	

September				
Percent Exceedance Probability	WSIP 2030 Without Project Monthly Flow (CFS)	WSIP 2030 With Project Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	-1,449	-1,247	202	
1.2%	-1,450	-3,329	-1,878	
2.5%	-2,523	-3,704	-1,181	
3.7%	-3,078	-3,765	-687	
4.9%	-3,193	-3,879	-686	
6.2%	-3,301	-4,050	-750	
7.4%	-3,430	-4,138	-708	
8.6%	-3,483	-4,285	-752	
9.9%	-3,779	-4,320	-541	
11.1%				

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

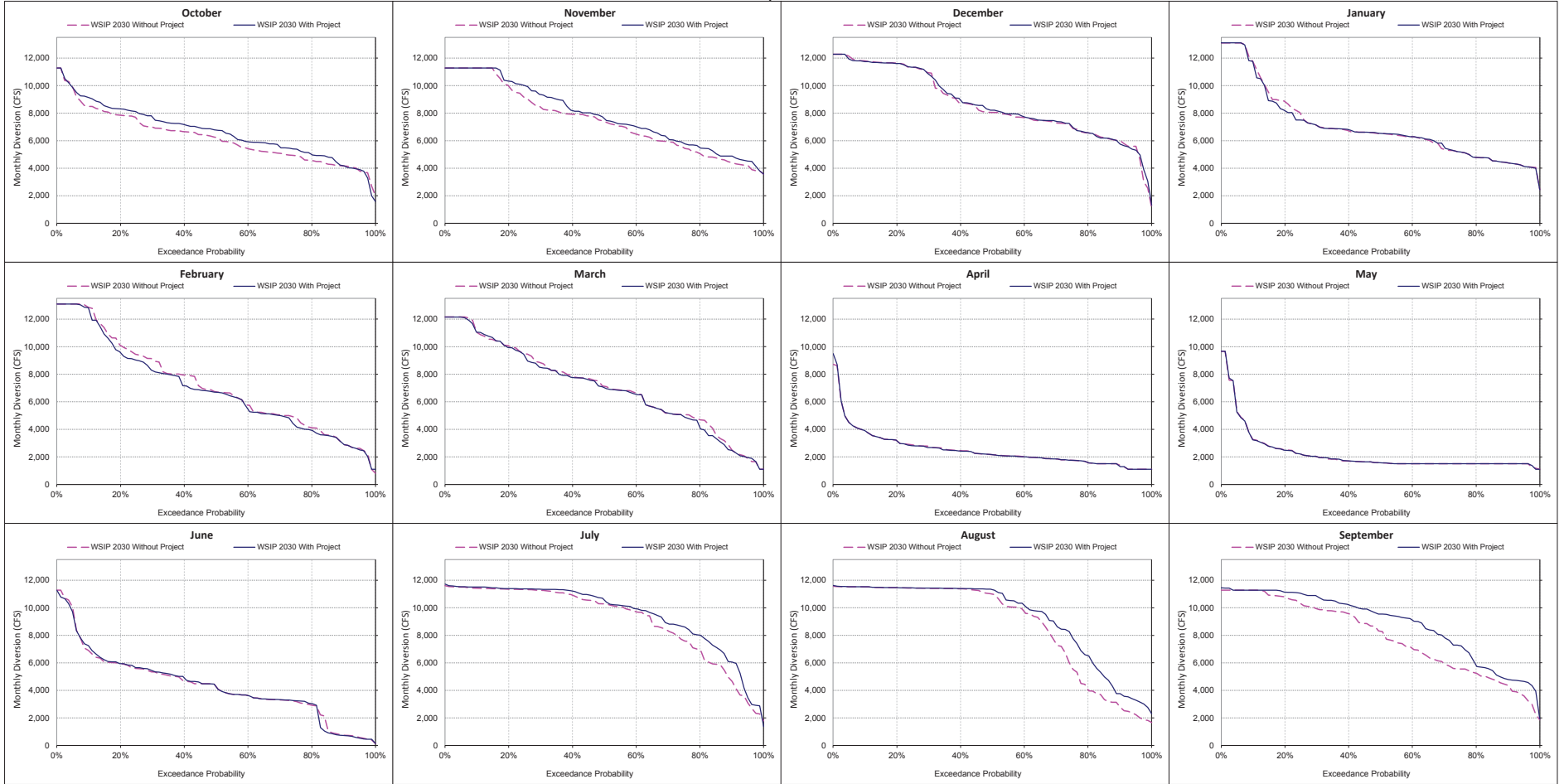


Table SW-36-b
Total Banks Pumping Plant (SWP and CVP) and Jones Pumping Plant (CVP) , Monthly Diversion
Probability of Exceedance

Percent Exceedance Probability (%)	October			
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	11,280	11,280	0	0.0%
1.2%	11,280	11,280	0	0.0%
2.5%	10,374	10,515	141	1.4%
3.7%	10,304	10,215	-88	-0.9%
4.9%	9,912	9,881	-31	-0.3%
6.2%	9,186	9,516	330	3.6%
7.4%	8,868	9,258	370	4.2%
8.6%	8,562	9,228	666	7.8%
9.9%	8,494	9,134	639	7.5%
11.1%	8,486	9,038	552	6.5%
12.3%	8,337	8,869	533	6.4%
13.6%	8,276	8,791	515	6.2%
14.8%	8,116	8,547	431	5.3%
16.0%	8,083	8,454	371	4.6%
17.3%	7,925	8,345	420	5.3%
18.5%	7,889	8,336	448	5.7%
19.8%	7,854	8,314	463	5.9%
21.0%	7,625	8,296	671	8.8%
22.2%	7,795	8,222	427	5.5%
23.5%	7,788	8,150	362	4.6%
24.7%	7,700	8,118	418	5.4%
25.9%	7,307	7,959	652	8.9%
27.2%	7,080	7,902	822	11.6%
28.4%	7,023	7,812	789	11.2%
29.6%	7,020	7,805	785	11.2%
30.9%	6,913	7,475	562	8.1%
32.1%	6,903	7,448	545	7.9%
33.3%	6,872	7,388	516	7.5%
34.6%	6,779	7,305	526	7.8%
35.8%	6,732	7,290	558	8.3%
37.0%	6,731	7,248	517	7.7%
38.3%	6,721	7,246	525	7.8%
39.5%	6,666	7,189	522	7.8%
40.7%	6,639	7,110	471	7.1%
42.0%	6,618	7,048	430	6.5%
43.2%	6,607	7,032	425	6.4%
44.4%	6,442	6,960	518	8.0%
45.7%	6,433	6,890	457	7.1%
46.9%	6,403	6,875	471	7.4%
48.1%	6,338	6,864	527	8.3%
49.4%	6,261	6,791	530	8.5%
50.6%	6,220	6,757	537	8.6%
51.9%	5,955	6,742	787	13.2%
53.1%	5,949	6,532	583	9.8%
54.3%	5,897	6,478	581	9.9%
55.6%	5,832	6,305	473	8.1%
56.8%	5,975	6,098	411	7.3%
58.0%	5,503	6,048	545	9.9%
59.3%	5,474	5,936	463	8.5%
60.5%	5,393	5,904	512	9.5%
61.7%	5,332	5,892	560	10.5%
63.0%	5,295	5,869	574	11.2%
64.2%	5,228	5,873	645	12.3%
65.4%	5,206	5,844	638	12.2%
66.7%	5,166	5,776	610	11.8%
67.9%	5,145	5,766	621	12.1%
69.1%	5,104	5,739	635	12.4%
70.4%	5,072	5,463	411	8.1%
71.6%	4,994	5,474	479	9.6%
72.8%	4,959	5,465	506	10.2%
74.1%	4,934	5,410	476	9.6%
75.3%	4,909	5,386	477	9.7%
76.5%	4,831	5,231	400	8.3%
77.8%	4,602	5,150	548	11.9%
79.0%	4,583	5,140	557	12.2%
80.2%	4,554	4,967	413	9.1%
81.5%	4,488	4,928	441	9.8%
82.7%	4,486	4,928	442	9.9%
84.0%	4,390	4,808	518	11.8%
85.2%	4,289	4,815	526	12.3%
86.4%	4,269	4,765	497	11.6%
87.7%	4,204	4,453	249	5.9%
88.9%	4,192	4,237	45	1.1%
90.1%	4,164	4,170	6	0.2%
91.4%	4,134	4,042	-92	-2.2%
92.6%	4,063	4,023	-40	-1.0%
93.8%	4,023	3,954	-68	-1.7%
95.1%	3,795	3,908	113	3.0%
96.3%	3,701	3,762	62	2.2%
97.5%	3,674	3,691	17	0.5%
98.8%	2,709	2,701	-709	-26.2%
100.0%	2,000	1,599	-401	-20.1%

Percent Exceedance Probability (%)	November			
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	11,280	11,280	0	0.0%
1.2%	11,280	11,280	0	0.0%
2.5%	11,280	11,280	0	0.0%
3.7%	11,280	11,280	0	0.0%
4.9%	11,280	11,280	0	0.0%
6.2%	11,280	11,280	0	0.0%
7.4%	11,280	11,280	0	0.0%
8.6%	11,280	11,280	0	0.0%
9.9%	11,280	11,280	0	0.0%
11.1%	11,280	11,280	0	0.0%
12.3%	11,280	11,280	0	0.0%
13.6%	11,280	11,280	0	0.0%
14.8%	11,280	11,280	0	0.0%
16.0%	10,842	11,280	438	4.0%
17.3%	10,523	11,130	607	5.8%
18.5%	10,102	10,390	288	2.9%
19.8%	10,032	10,345	313	3.1%
21.0%	9,668	10,301	633	6.5%
22.2%	9,512	10,280	638	6.7%
23.5%	9,452	10,100	649	6.9%
24.7%	9,171	10,026	854	9.3%
25.9%	9,017	9,924	907	10.1%
27.2%	8,787	9,613	826	9.4%
28.4%	8,568	9,594	1,025	12.0%
29.6%	8,508	9,373	865	10.2%
30.9%	8,276	9,318	1,043	12.6%
32.1%	8,228	9,157	929	11.3%
33.3%	8,215	9,145	930	11.3%
34.6%	8,186	9,048	862	10.5%
35.8%	8,081	8,965	883	10.9%
37.0%	7,967	8,822	855	10.7%
38.3%	7,941	8,512	571	7.2%
39.5%	7,933	8,225	292	3.7%
40.7%	7,913	8,147	235	3.0%
42.0%	7,909	8,144	235	3.0%
43.2%	7,899	8,027	128	1.6%
44.4%	7,811	8,021	210	2.7%
45.7%	7,779	8,018	239	3.1%
46.9%	7,731	7,912	181	2.3%
48.1%	7,511	7,872	362	4.8%
49.4%	7,445	7,738	293	3.9%
50.6%	7,334	7,469	136	1.8%
51.9%	7,226	7,418	192	2.7%
53.1%	7,164	7,346	182	2.5%
54.3%	7,066	7,231	165	2.3%
55.6%	7,042	7,213	171	2.4%
56.8%	6,964	7,189	224	3.2%
58.0%	6,633	7,135	502	7.6%
59.3%	6,532	7,072	540	8.3%
60.5%	6,443	6,991	548	8.5%
61.7%	6,358	6,894	536	8.4%
63.0%	6,325	6,880	555	8.8%
64.2%	6,250	6,792	541	8.7%
65.4%	6,080	6,644	564	9.3%
66.7%	5,997	6,565	568	9.5%
67.9%	5,975	6,393	418	7.0%
69.1%	5,954	6,352	399	6.7%
70.4%	5,912	6,084	172	2.9%
71.6%	5,886	6,054	168	2.9%
72.8%	5,658	5,954	297	5.2%
74.1%	5,626	5,919	293	5.2%
75.3%	5,430	5,770	340	6.3%
76.5%	5,393	5,697	304	5.6%
77.8%	5,195	5,694	499	9.6%
79.0%	5,177	5,659	482	9.3%
80.2%	5,029	5,453	424	8.4%
81.5%	4,841	5,452	611	12.6%
82.7%	4,819	5,414	596	12.4%
84.0%	4,812	5,284	472	9.8%
85.2%	4,742	5,042	300	6.3%
86.4%	4,649	4,892	243	5.2%
87.7%	4,608	4,883	275	6.0%
88.9%	4,472	4,881	409	9.1%
90.1%	4,405	4,880	475	10.8%
91.4%	4,312	4,737	425	9.9%
92.6%	4,271	4,634	363	8.5%
93.8%	4,227	4,581	354	8.4%
95.1%	4,207	4,519	312	7.4%
96.3%	3,898	4,502	605	15.5%
97.5%	3,820	4,152	332	8.7%
98.8%	3,802	3,802	0	0.0%
100.0%	3,571	3,071	0	0.0%

Percent Exceedance Probability (%)	December			
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	12,278	12,278	0	0.0%
1.2%	12,278	12,278	0	0.0%
2.5%	12,278	12,278	0	0.0%
3.7%	12,278	12,278	0	0.0%
4.9%	12,138	11,928	-210	-1.7%
6.2%	11,928	11,810	-118	-1.0%
7.4%	11,810	11,808	-2	0.0%
8.6%	11,808	11,804	-4	0.0%
9.9%	11,804	11,748	-56	-0.5%
11.1%	11,748	11,742	-6	-0.1%
12.3%	11,742	11,689	-53	-0.5%
13.6%	11,689	11,686	-3	0.0%
14.8%	11,686	11,663	-23	-0.2%
16.0%	11,677	11,654	-22	-0.2%
17.3%	11,663	11,642	-21	-0.2%
18.5%	11,654	11,642	-13	-0.1%
19.8%	11,642	11,616	-26	-0.2%
21.0%	11,616	11,602	-14	-0.1%
22.2%	11,550	11,548	-2	0.0%
23.5%	11,349	11,375	26	0.2%
24.7%	11,344	11,340	-4	0.0%
25.9%	11,316	11,338	23	0.2%
27.2%	11,206	11,268	62	0.6%
28.4%	11,174	11,174	0	0.0%
29.6%	10,947	10,900	-47	-0.4%
30.9%	10,908	10,671	-237	-2.2%
32.1%	9,812	10,406	594	6.1%
33.3%	9,795	9,978	183	1.9%
34.6%	9,434	9,720	286	3.0%
35.8%	9,317	9,434	117	1.3%
37.0%	9,140	9,382	242	2.6%
38.3%	9,094	9,105	11	0.1%
39.5%	8,763	9,081	318	3.6%
40.7%	8,762	8,763	0	0.0%
42.0%	8,758	8,697	-61	-0.7%
43.2%	8,654	8,687	43	0.5%
44.4%	8,561	8,595	34	0.4%
45.7%	8,215	8,561	346	4.2%
46.9%	8,112	8,560	448	5.5%
48.1%	8,082	8,314	233	2.9%
49.4%	8,057	8,215	158	2.0%
50.6%	8,050	8,212	162	2.0%
51.9%	8,046	8,148	102	1.3%
53.1%	7,943	8,057	114	1.4%
54.3%	7,940	7,949	9	0.1%
55.6%	7,862	7,943	80	1.0%
56.8%	7,716	7,940	222	2.9%
58.0%	7,717	7,925	208	2.7%
59.3%	7,692	7,799	107	1.4%
60.5%	7,655	7,692	37	0.5%
61.7%	7,607	7,642	35	0.5%
63.0%	7,494	7,607	114	1.5%
64.2%	7,463	7,494	31	0.4%
65.4%	7,458	7,492	35	0.5%
66.7%	7,454	7,463	9	0.1%
67.9%	7,413	7,459	47	0.6%
69.1%	7,375	7,458	82	1.1%
70.4%	7,277	7,395	117	1.6%
71.6%	7,273	7,375	102	1.4%
72.8%	7,248	7,277	30	0.4%
74.1%	7,222	7,256	35	0.5%
75.3%	6,881	6,962	81	1.2%
76.5%	6,829	6,728	-102	-1.5%
77.8%	6,648	6,686	38	0.6%
79.0%	6,583	6,616	33	0.5%
80.2%	6,563	6,552	-11	-0.2%
81.5%	6,524	6,512	-12	-0.2%
82.7%	6,401	6,313	-88	-1.4%
84.0%	6,270	6,187	-83	-1.3%
85.2%	6,216	6,187	-30	-0.5%
86.4%	6,154	6,180	26	0.4%
87.7%	6,078	6,101	22	0.4%
88.9%	6,030	6,017		

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

Percent Exceedance Probability (%)	February			
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	13,100	13,100	0	0.0%
1.2%	13,100	13,100	0	0.0%
2.5%	13,100	13,100	0	0.0%
3.7%	13,100	13,100	0	0.0%
4.9%	13,100	13,100	0	0.0%
6.2%	13,100	13,100	0	0.0%
7.4%	13,100	13,037	-63	-0.5%
8.6%	13,037	12,858	-181	-1.4%
9.9%	12,859	12,833	-25	-0.2%
11.1%	12,777	11,929	-849	-6.6%
12.3%	11,929	11,912	-17	-0.1%
13.6%	11,889	11,466	-423	-3.6%
14.8%	11,385	10,911	-474	-4.2%
16.0%	10,911	10,612	-299	-2.7%
17.3%	10,637	10,254	-383	-3.6%
18.5%	10,624	10,095	-529	-5.0%
19.8%	10,118	9,626	-492	-4.9%
21.0%	9,944	9,310	-634	-6.4%
22.2%	9,803	9,151	-652	-6.6%
23.5%	9,628	9,132	-496	-5.2%
24.7%	9,447	9,034	-412	-4.4%
25.9%	9,392	8,976	-416	-4.4%
27.2%	9,310	8,882	-428	-4.6%
28.4%	9,151	8,652	-499	-5.5%
29.6%	9,140	8,208	-932	-10.2%
30.9%	8,935	8,173	-762	-8.5%
32.1%	8,882	8,105	-777	-8.8%
33.3%	8,173	8,052	-121	-1.5%
34.6%	8,052	8,019	-33	-0.4%
35.8%	8,019	7,947	-72	-0.9%
37.0%	8,014	7,892	-122	-1.5%
38.3%	8,010	7,833	-178	-2.2%
39.5%	7,947	7,173	-774	-9.7%
40.7%	7,938	7,140	-798	-10.0%
42.0%	7,892	7,892	-0	0.0%
43.2%	7,844	6,890	-954	-12.2%
44.4%	7,173	6,883	-289	-4.0%
45.7%	6,970	6,813	-158	-2.3%
46.9%	6,890	6,808	-82	-1.2%
48.1%	6,883	6,751	-132	-1.9%
49.4%	6,751	6,695	-57	-0.8%
50.6%	6,695	6,675	-20	-0.3%
51.9%	6,675	6,637	-38	-0.6%
53.1%	6,656	6,548	-108	-1.6%
54.3%	6,637	6,424	-213	-3.2%
55.6%	6,424	6,364	-61	-0.9%
56.8%	6,279	6,279	0	0.0%
58.0%	6,148	6,148	0	0.0%
59.3%	5,783	5,699	-84	-1.5%
60.5%	5,740	5,272	-467	-8.1%
61.7%	5,255	5,237	-18	-0.3%
63.0%	5,230	5,230	0	0.0%
64.2%	5,230	5,140	-90	-1.7%
65.4%	5,162	5,132	-30	-0.6%
66.7%	5,140	5,123	-18	-0.3%
67.9%	5,132	5,073	-59	-1.1%
69.1%	5,058	5,034	-24	-0.5%
70.4%	5,050	4,998	-52	-1.0%
71.6%	5,000	4,919	-80	-1.6%
72.8%	4,998	4,830	-168	-3.4%
74.1%	4,919	4,430	-489	-10.0%
75.3%	4,830	4,163	-667	-13.8%
76.5%	4,470	4,092	-378	-8.5%
77.8%	4,295	4,012	-283	-6.6%
79.0%	4,163	3,990	-173	-4.2%
80.2%	4,104	3,904	-200	-4.9%
81.5%	4,092	3,725	-366	-9.0%
82.7%	3,904	3,611	-294	-7.5%
84.0%	3,611	3,579	-31	-0.9%
85.2%	3,579	3,542	-37	-1.0%
86.4%	3,542	3,486	-56	-1.6%
87.7%	3,416	3,416	0	0.0%
88.9%	3,137	3,137	0	0.0%
90.1%	2,862	2,862	0	0.0%
91.4%	2,838	2,838	0	0.0%
92.6%	2,695	2,695	0	0.0%
93.8%	2,621	2,621	0	0.0%
95.1%	2,618	2,498	-120	-4.6%
96.3%	2,456	2,456	0	0.0%
97.5%	2,208	2,017	-191	-8.6%
98.8%	1,100	1,100	0	0.0%
100.0%	807	1,100	293	36.3%

Percent Exceedance Probability (%)	March			
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	12,161	12,161	0	0.0%
1.2%	12,161	12,161	0	0.0%
2.5%	12,161	12,161	0	0.0%
3.7%	12,161	12,161	0	0.0%
4.9%	12,161	12,161	0	0.0%
6.2%	12,161	12,085	-75	-0.6%
7.4%	12,085	11,918	-167	-1.4%
8.6%	11,918	11,667	-251	-2.1%
9.9%	11,048	11,048	0	0.0%
11.1%	10,873	11,029	156	1.4%
12.3%	10,760	10,672	-88	-0.8%
13.6%	10,544	10,760	216	2.0%
14.8%	10,530	10,530	0	0.0%
16.0%	10,420	10,420	0	0.0%
17.3%	10,395	10,395	0	0.0%
18.5%	10,105	10,105	0	0.0%
19.8%	10,084	9,942	-142	-1.4%
21.0%	9,953	9,910	-43	-0.4%
22.2%	9,909	9,741	-169	-1.7%
23.5%	9,655	9,655	0	0.0%
24.7%	9,499	9,452	-48	-0.5%
25.9%	9,452	8,962	-490	-5.2%
27.2%	9,312	8,865	-447	-4.8%
28.4%	8,931	8,798	-133	-1.5%
29.6%	8,863	8,511	-352	-4.0%
30.9%	8,763	8,459	-304	-3.5%
32.1%	8,495	8,437	-57	-0.7%
33.3%	8,290	8,280	-9	-0.1%
34.6%	8,252	8,275	23	0.3%
35.8%	8,196	7,986	-210	-2.6%
37.0%	8,160	7,923	-238	-2.9%
38.3%	7,998	7,916	-82	-1.0%
39.5%	7,923	7,785	-138	-1.7%
40.7%	7,785	7,742	-43	-0.6%
42.0%	7,742	7,742	0	0.0%
43.2%	7,728	7,719	-9	-0.1%
44.4%	7,719	7,649	-70	-0.9%
45.7%	7,649	7,554	-95	-1.2%
46.9%	7,554	7,513	-41	-0.5%
48.1%	7,513	7,153	-360	-4.8%
49.4%	7,153	7,096	-57	-0.8%
50.6%	7,096	6,958	-139	-2.0%
51.9%	6,958	6,890	-68	-1.0%
53.1%	6,890	6,874	-17	-0.2%
54.3%	6,874	6,834	-40	-0.6%
55.6%	6,834	6,813	-21	-0.3%
56.8%	6,813	6,808	-5	-0.1%
58.0%	6,808	6,691	-116	-1.7%
59.3%	6,691	6,591	-100	-1.5%
60.5%	6,591	6,514	-77	-1.2%
61.7%	6,504	6,504	0	0.0%
63.0%	5,775	5,775	0	0.0%
64.2%	5,687	5,687	0	0.0%
65.4%	5,613	5,613	0	0.0%
66.7%	5,516	5,516	0	0.0%
67.9%	5,429	5,429	0	0.0%
69.1%	5,182	5,213	30	0.6%
70.4%	5,161	5,161	0	0.0%
71.6%	5,103	5,099	-3	-0.1%
72.8%	5,099	5,071	-28	-0.5%
74.1%	5,071	5,062	-9	-0.2%
75.3%	5,062	4,876	-186	-3.7%
76.5%	5,053	4,770	-283	-5.6%
77.8%	4,876	4,686	-190	-3.9%
79.0%	4,770	4,655	-116	-2.4%
80.2%	4,686	4,017	-670	-14.3%
81.5%	4,654	3,956	-698	-15.0%
82.7%	4,360	3,547	-813	-18.7%
84.0%	4,086	3,538	-548	-13.4%
85.2%	3,547	3,323	-224	-6.3%
86.4%	3,323	3,083	-241	-7.2%
87.7%	3,176	2,894	-282	-8.9%
88.9%	2,894	2,524	-371	-12.8%
90.1%	2,470	2,470	0	0.0%
91.4%	2,279	2,279	0	0.0%
92.6%	2,159	2,079	-80	-3.7%
93.8%	2,079	2,030	-49	-2.3%
95.1%	1,886	1,943	57	3.0%
96.3%	1,657	1,888	229	13.8%
97.5%	1,652	1,652	0	0.0%
98.8%	1,100	1,109	9	0.8%
100.0%	1,100	1,100	0	0.0%

Percent Exceedance Probability (%)	April			
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	8,720	9,499	778	8.9%
1.2%	8,622	8,705	84	1.0%
2.5%	8,088	8,086	-2	0.0%
3.7%	4,977	4,969	-8	-0.2%
4.9%	4,498	4,499	1	0.0%
6.2%	4,274	4,258	-16	-0.4%
7.4%	4,115	4,098	-16	-0.4%
8.6%	4,005	4,005	0	0.0%
9.9%	3,904	3,903	-1	0.0%
11.1%	3,725	3,709	-16	-0.4%
12.3%	3,535	3,535	0	0.0%
13.6%	3,489	3,474	-15	-0.4%
14.8%	3,390	3,386	-4	-0.1%
16.0%	3,279	3,279	0	0.0%
17.3%	3,274	3,263	-11	-0.3%
18.5%	3,249	3,249	0	0.0%
19.8%	3,219	3,219	0	0.0%
21.0%	2,970	2,971	0	0.0%
22.2%	2,953	2,953	0	0.0%
23.5%	2,913	2,858	-55	-1.9%
24.7%	2,875	2,821	-53	-1.9%
25.9%	2,821	2,790	-32	-1.1%
27.2%	2,790	2,787	-3	-0.1%
28.4%	2,787	2,783	-4	-0.2%
29.6%	2,783	2,680	-103	-3.7%
30.9%	2,680	2,670	-10	-0.4%
32.1%	2,670	2,658	-13	-0.5%
33.3%	2,658	2,640	-18	-0.7%
34.6%	2,647	2,508	-139	-5.2%
35.8%	2,508	2,497	-11	-0.4%
37.0%	2,504	2,470	-34	-1.4%
38.3%	2,470	2,459	-10	-0.4%
39.5%	2,460	2,437	-23	-0.9%
40.7%	2,440	2,410	-30	-1.2%
42.0%	2,402	2,402	0	0.0%
43.2%	2,381	2,381	0	0.0%
44.4%	2,261	2,261	0	0.0%
45.7%	2,228	2,228	0	0.0%
46.9%	2,208	2,208	0	0.0%
48.1%	2,189	2,189	0	0.0%
49.4%	2,171	2,171	0	0.0%
50.6%	2,152	2,140	-12	-0.6%
51.9%	2,140	2,091	-49	-2.3%
53.1%	2,091	2,076	-15	-0.7%
54.3%	2,077	2,059	-17	-0.8%
55.6%	2,059	2,058	-1	0.0%
56.8%	2,059	2,058	-1	0.0%
58.0%	2,056	2,028	-28	-1.4%
59.3%	2,028	2,000	-28	-1.4%
60.5%	2,014	1,999	-15	-0.8%
61.7%	1,975	1,975	0	0.0%
63.0%	1,960	1,961	0	0.0%
64.2%	1,948	1,948	0	0.0%
65.4%	1,934	1,934	0	0.0%
66.7%	1,876	1,876	0	0.0%
67.9%	1,869	1,869	0	0.0%
69.1%	1,848	1,848	0	0.0%
70.4%	1,846	1,845	-1	0.0%
71.6%	1,785	1,784	-1	0.0%
72.8%	1,784	1,784	0	0.0%
74.1%	1,764	1,762	-2	-0.1%
75.3%	1,744	1,744	0	0.0%
76.5%	1,735	1,735	0	0.0%
77.8%	1,708	1,713	5	0.3%
79.0%	1,680	1,680	0	0.0%
80.2%	1,557	1,557	0	0.0%
81.5%	1,545	1,545	0	0.0%
82.7%	1,500	1,500	0	0.0%
84.0%	1,500	1,500	0	0.0%
85.2%	1,500	1,500	0	0.0%
86.4%	1,500	1,500	0	0.0%
87.7%	1,500	1,500	0	0.0%
88.9%	1,500	1,500	0	0.0%
90.1%	1,382	1,300	-82	-5.9%
91.4%	1,289	1,289	0	0.0%
92.6%	1,100	1,100	0	0.0%
93.8%	1,100	1,100	0	0.0%
95.1%				

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

Percent Exceedance Probability (%)	June				
	WSIP 2030 Without Project	WSIP 2030 With Project	Absolute Difference (CFS)	Relative Difference (%)	
	Monthly Diversion (CFS)	Monthly Diversion (CFS)			
0.0%	11,280	0	0	0.0%	
1.2%	10,779	-501	-4.4%		
2.5%	10,711	-10,664	-46	-0.4%	
3.7%	10,559	10,314	-245	-2.3%	
4.9%	10,055	9,719	-336	-3.3%	
6.2%	8,366	8,322	-44	-0.5%	
7.4%	7,813	7,813	0	0.0%	
8.6%	7,076	7,030	-46	-0.6%	
9.9%	6,904	7,254	350	5.1%	
11.1%	6,832	6,876	44	0.6%	
12.3%	6,404	6,632	228	3.6%	
13.6%	6,341	6,403	62	1.0%	
14.8%	6,075	6,224	149	2.5%	
16.0%	6,036	6,104	67	1.1%	
17.3%	6,024	6,080	56	0.9%	
18.5%	6,008	6,075	67	1.1%	
19.8%	5,945	5,945	0	0.0%	
21.0%	5,903	5,932	29	0.5%	
22.2%	5,823	5,852	29	0.5%	
23.5%	5,646	5,823	177	3.1%	
24.7%	5,599	5,646	47	0.8%	
25.9%	5,571	5,646	75	1.3%	
27.2%	5,549	5,599	49	0.9%	
28.4%	5,454	5,571	117	2.2%	
29.6%	5,350	5,454	104	1.9%	
30.9%	5,331	5,350	19	0.4%	
32.1%	5,185	5,315	130	2.5%	
33.3%	5,170	5,266	96	1.9%	
34.6%	5,108	5,235	127	2.5%	
35.8%	5,036	5,170	133	2.7%	
37.0%	5,018	5,069	51	1.0%	
38.3%	4,982	5,026	43	0.9%	
39.5%	4,726	5,018	292	6.2%	
40.7%	4,654	4,726	72	1.5%	
42.0%	4,621	4,654	33	0.7%	
43.2%	4,483	4,621	138	3.1%	
44.4%	4,481	4,621	140	3.1%	
45.7%	4,481	4,483	2	0.0%	
46.9%	4,480	4,481	1	0.0%	
48.1%	4,477	4,480	3	0.1%	
49.4%	4,443	4,443	0	0.0%	
50.6%	4,078	4,078	0	0.0%	
51.9%	3,918	3,918	0	0.0%	
53.1%	3,819	3,819	0	0.0%	
54.3%	3,747	3,747	0	0.0%	
55.6%	3,710	3,710	0	0.0%	
56.8%	3,701	3,701	0	0.0%	
58.0%	3,668	3,668	0	0.0%	
59.3%	3,666	3,666	0	0.0%	
60.5%	3,600	3,599	-1	0.0%	
61.7%	3,450	3,450	0	0.0%	
63.0%	3,443	3,444	0	0.0%	
64.2%	3,386	3,386	0	0.0%	
65.4%	3,355	3,376	20	0.6%	
66.7%	3,336	3,355	19	0.6%	
67.9%	3,334	3,336	2	0.1%	
69.1%	3,322	3,333	12	0.4%	
70.4%	3,306	3,322	15	0.5%	
71.6%	3,301	3,306	5	0.1%	
72.8%	3,269	3,301	32	1.0%	
74.1%	3,236	3,269	33	1.0%	
75.3%	3,180	3,235	55	1.7%	
76.5%	3,080	3,220	140	4.6%	
77.8%	3,040	3,212	172	5.7%	
79.0%	2,985	3,080	95	3.2%	
80.2%	2,909	3,040	131	4.5%	
81.5%	2,882	2,909	27	1.0%	
82.7%	2,221	1,303	-918	-41.3%	
84.0%	2,139	1,044	-1,095	-51.2%	
85.2%	1,044	914	-129	-12.4%	
86.4%	914	850	-64	-7.0%	
87.7%	850	781	-69	-8.2%	
88.9%	788	735	-52	-6.6%	
90.1%	735	727	-8	-1.1%	
91.4%	707	707	-20	-2.7%	
92.6%	707	654	-53	-7.5%	
93.8%	654	579	-75	-11.5%	
95.1%	575	525	-50	-8.6%	
96.3%	524	472	-52	-10.0%	
97.5%	453	453	0	0.0%	
98.8%	402	444	42	10.4%	
100.0%	135	135	0	0.0%	

Percent Exceedance Probability (%)	July				
	WSIP 2030 Without Project	WSIP 2030 With Project	Absolute Difference (CFS)	Relative Difference (%)	
	Monthly Diversion (CFS)	Monthly Diversion (CFS)			
0.0%	11,605	11,711	106	0.9%	
1.2%	11,541	11,541	0	0.0%	
2.5%	11,522	11,587	64	0.6%	
3.7%	11,505	11,541	36	0.3%	
4.9%	11,503	11,522	19	0.2%	
6.2%	11,502	11,521	19	0.2%	
7.4%	11,452	11,508	56	0.5%	
8.6%	11,452	11,505	53	0.5%	
9.9%	11,419	11,505	86	0.7%	
11.1%	11,407	11,504	98	0.9%	
12.3%	11,392	11,503	112	1.0%	
13.6%	11,390	11,482	92	0.8%	
14.8%	11,388	11,455	67	0.6%	
16.0%	11,378	11,452	74	0.7%	
17.3%	11,373	11,407	34	0.3%	
18.5%	11,366	11,392	26	0.2%	
19.8%	11,352	11,391	39	0.3%	
21.0%	11,343	11,390	48	0.4%	
22.2%	11,338	11,388	50	0.4%	
23.5%	11,334	11,378	44	0.4%	
24.7%	11,331	11,374	43	0.4%	
25.9%	11,318	11,373	55	0.5%	
27.2%	11,317	11,368	49	0.4%	
28.4%	11,280	11,360	80	0.7%	
29.6%	11,265	11,358	93	0.8%	
30.9%	11,262	11,338	76	0.7%	
32.1%	11,223	11,334	111	1.0%	
33.3%	11,197	11,333	136	1.2%	
34.6%	11,128	11,331	203	1.8%	
35.8%	11,085	11,318	233	2.1%	
37.0%	11,084	11,316	233	2.1%	
38.3%	11,001	11,280	279	2.5%	
39.5%	10,965	11,241	276	2.5%	
40.7%	10,842	11,172	330	3.0%	
42.0%	10,713	11,055	342	3.2%	
43.2%	10,594	10,971	376	3.5%	
44.4%	10,556	10,960	403	3.8%	
45.7%	10,538	10,903	365	3.5%	
46.9%	10,513	10,840	327	3.1%	
48.1%	10,295	10,741	446	4.3%	
49.4%	10,286	10,691	405	3.9%	
50.6%	10,272	10,409	136	1.3%	
51.9%	10,194	10,247	53	0.5%	
53.1%	10,117	10,213	96	0.9%	
54.3%	10,080	10,195	114	1.1%	
55.6%	10,067	10,168	101	1.0%	
56.8%	9,921	10,123	202	2.0%	
58.0%	9,852	10,109	257	2.6%	
59.3%	9,760	9,949	188	1.9%	
60.5%	9,681	9,900	219	2.3%	
61.7%	9,673	9,806	132	1.4%	
63.0%	9,433	9,802	369	3.9%	
64.2%	9,420	9,667	247	2.6%	
65.4%	8,665	9,560	895	10.3%	
66.7%	8,642	9,455	813	9.4%	
67.9%	8,550	9,328	778	9.1%	
69.1%	8,448	8,929	481	5.7%	
70.4%	8,277	8,809	532	6.4%	
71.6%	8,167	8,804	638	7.8%	
72.8%	7,979	8,756	776	9.7%	
74.1%	7,718	8,676	958	12.4%	
75.3%	7,583	8,593	1,010	13.3%	
76.5%	7,555	8,407	852	11.3%	
77.8%	7,096	8,106	1,011	14.2%	
79.0%	7,005	8,034	1,029	14.7%	
80.2%	6,920	8,001	1,081	15.6%	
81.5%	6,182	7,774	1,592	25.8%	
82.7%	6,052	7,564	1,512	25.0%	
84.0%	5,922	7,287	1,365	23.0%	
85.2%	5,893	7,118	1,225	20.8%	
86.4%	5,855	6,914	1,059	18.1%	
87.7%	5,462	6,685	1,222	22.0%	
88.9%	4,956	6,087	1,131	22.8%	
90.1%	4,644	6,054	1,410	30.4%	
91.4%	4,119	5,964	1,845	44.8%	
92.6%	3,667	5,256	1,589	43.3%	
93.8%	3,603	4,177	574	15.9%	
95.1%	3,080	3,470	389	12.6%	
96.3%	2,688	2,969	281	10.5%	
97.5%	2,337	2,821	484	20.7%	
98.8%	2,290	2,881	591	25.8%	
100.0%	1,788	1,369	-419	-23.4%	

Percent Exceedance Probability (%)	August				
	WSIP 2030 Without Project	WSIP 2030 With Project	Absolute Difference (CFS)	Relative Difference (%)	
	Monthly Diversion (CFS)	Monthly Diversion (CFS)			
0.0%	11,559	11,620	62	0.5%	
1.2%	11,558	11,559	1	0.0%	
2.5%	11,537	11,538	1	0.0%	
3.7%	11,526	11,541	15	0.1%	
4.9%	11,525	11,526	1	0.0%	
6.2%	11,522	11,522	0	0.0%	
7.4%	11,522	11,522	0	0.0%	
8.6%	11,522	11,522	0	0.0%	
9.9%	11,521	11,521	0	0.0%	
11.1%	11,518	11,519	1	0.0%	
12.3%	11,494	11,498	4	0.0%	
13.6%	11,476	11,494	18	0.2%	
14.8%	11,471	11,488	17	0.1%	
16.0%	11,468	11,476	8	0.1%	
17.3%	11,464	11,471	7	0.1%	
18.5%	11,460	11,464	4	0.0%	
19.8%	11,459	11,460	1	0.0%	
21.0%	11,450	11,459	9	0.1%	
22.2%	11,445	11,455	10	0.1%	
23.5%	11,433	11,450	17	0.2%	
24.7%	11,432	11,445	13	0.1%	
25.9%	11,430	11,433	3	0.0%	
27.2%	11,429	11,432	3	0.0%	
28.4%	11,425	11,430	5	0.0%	
29.6%	11,414	11,429	15	0.1%	
30.9%	11,406	11,429	23	0.2%	
32.1%	11,406	11,428	22	0.2%	
33.3%	11,405	11,425	20	0.2%	
34.6%	11,400	11,414	14	0.1%	
35.8%	11,398	11,408	10	0.1%	
37.0%	11,393	11,406	13	0.1%	
38.3%	11,389	11,405	16	0.1%	
39.5%	11,379	11,400	21	0.2%	
40.7%	11,376	11,398	22	0.2%	
42.0%	11,357	11,393	36	0.3%	
43.2%	11,310	11,389	78	0.7%	
44.4%	11,280	11,379	99	0.9%	
45.7%	11,253	11,376	123	1.1%	
46.9%	11,108	11,374	266	2.4%	
48.1%	11,054	11,357	303	2.7%	
49.4%	11,022	11,345	323	2.9%	
50.6%	10,963	11,280	317	2.9%	
51.9%	10,657	11,097	440	4.1%	
53.1%	10,277	11,038	761	7.4%	
54.3%	10,102	10,569	467	4.6%	
55.6%	10,064	10,527	464	4.6%	
56.8%	10,049	10,513	464	4.6%	
58.0%	10,047	10,337	289	2.9%	
59.3%	9,921	10,329	409	4.1%	
60.5%	9,587	10,086	498	5.2%	
61.7%	9,572	9,856	284	3.0%	
63.0%	9,381	9,793	412	4.4%	
64.2%	9,305	9,760	455	4.9%	
65.4%	8,986	9,741	755	8.4%	
66.7%	8,602	9,532	930	10.8%	
67.9%	8,164	9,089	925	11.3%	
69.1%	7,722	9,044	1,321	17.1%	
70.4%	7,260	8,626	1,367	18.8%	
71.6%	7,197	8,441	1,244	17.3%	
72.8%	6,738	8,432	1,695	25.2%	
74.1%	6,028	8,262	2,234	37.1%	
75.3%	5,525	7,765	2,240	40.5%	
76.5%	5,315	7,403	2,088	39.3%	
77.8%	4,506	6,883	2,377	52.8%	
79.0%	4,441	6,599	2,158	48.6%	
80.2%	3,967	6,490	2,523	63.6%	
81.5%	3,950	5,981	2,031	51.4%	
82.7%	3,763	5,613	1,850	49.2%	
84.0%	3,704	5,319	1,615	43.6%	
85.2%	3,329	4			

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

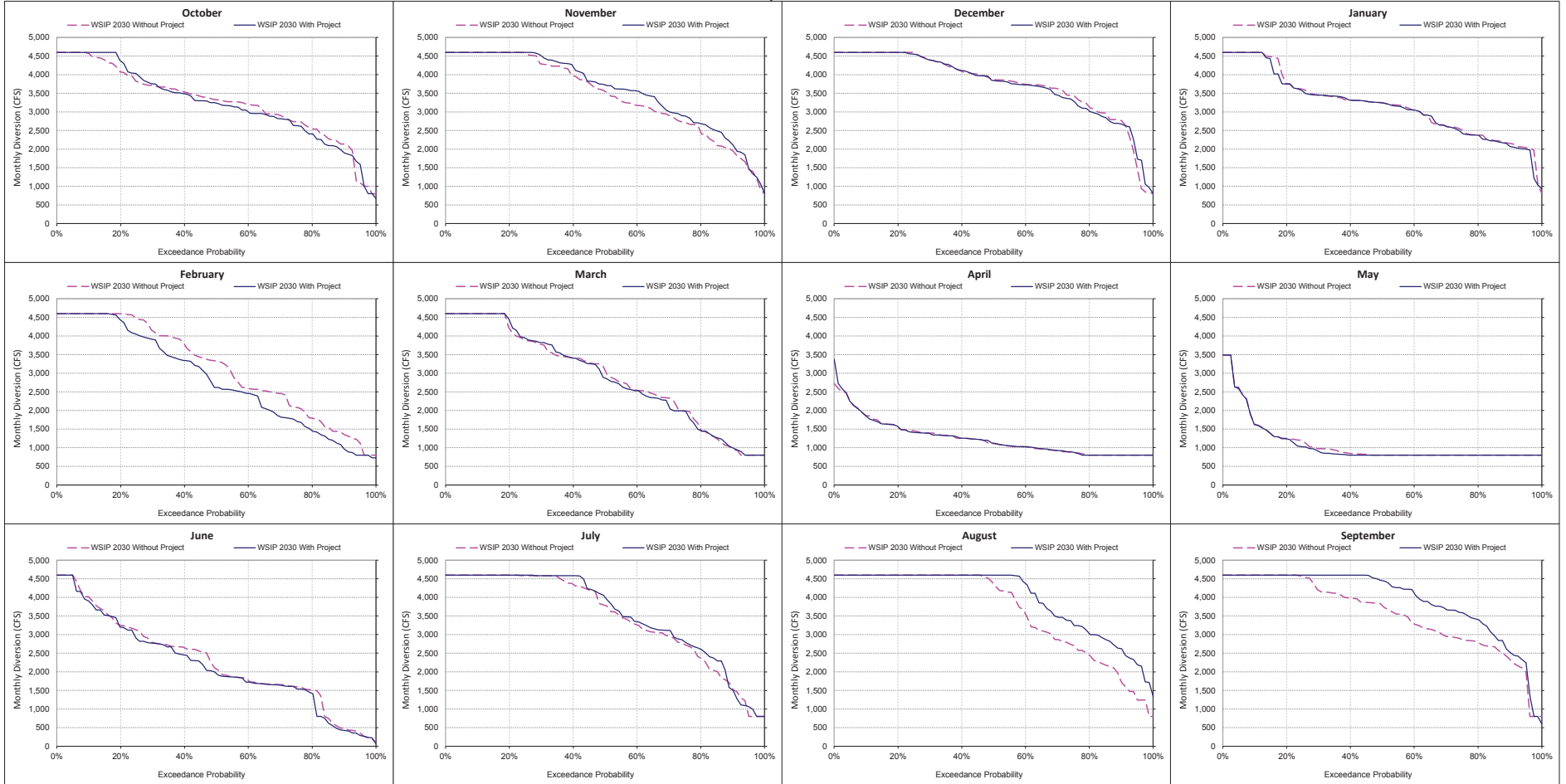


Table SW-37-b
Jones Pumping Plant (CVP), Monthly Diversion
Probability of Exceedance

Percent Exceedance Probability (%)	October				
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	4,600	4,600	0	0.0%	
1.2%	4,600	4,600	0	0.0%	
2.5%	4,600	4,600	0	0.0%	
3.7%	4,600	4,600	0	0.0%	
4.9%	4,600	4,600	0	0.0%	
6.2%	4,600	4,600	0	0.0%	
7.4%	4,600	4,600	0	0.0%	
8.6%	4,600	4,600	0	0.0%	
9.9%	4,575	4,600	25	0.5%	
11.1%	4,485	4,600	115	2.6%	
12.3%	4,462	4,600	138	3.1%	
13.6%	4,451	4,600	149	3.3%	
14.8%	4,400	4,600	200	4.4%	
16.0%	4,313	4,600	287	6.6%	
17.3%	4,309	4,600	291	6.8%	
18.5%	4,221	4,595	374	8.9%	
19.8%	4,076	4,387	311	7.6%	
21.0%	4,057	4,299	242	6.0%	
22.2%	3,972	4,078	106	2.7%	
23.5%	3,971	4,039	68	1.7%	
24.7%	3,832	4,035	203	5.3%	
25.9%	3,779	3,951	172	4.5%	
27.2%	3,744	3,848	104	2.8%	
28.4%	3,720	3,796	76	2.0%	
29.6%	3,714	3,758	44	1.2%	
30.9%	3,689	3,751	62	1.7%	
32.1%	3,670	3,660	-10	-0.3%	
33.3%	3,670	3,606	-64	-1.7%	
34.6%	3,662	3,565	-77	-2.1%	
35.8%	3,618	3,544	-74	-2.1%	
37.0%	3,617	3,513	-105	-2.9%	
38.3%	3,556	3,512	-44	-1.2%	
39.5%	3,546	3,492	-54	-1.5%	
40.7%	3,518	3,479	-39	-1.1%	
42.0%	3,482	3,450	-32	-0.9%	
43.2%	3,468	3,368	-100	-2.9%	
44.4%	3,432	3,298	-134	-3.9%	
45.7%	3,399	3,296	-103	-3.0%	
46.9%	3,395	3,290	-105	-3.1%	
48.1%	3,360	3,248	-111	-3.3%	
49.4%	3,329	3,248	-81	-2.4%	
50.6%	3,321	3,219	-102	-3.1%	
51.9%	3,303	3,176	-127	-3.9%	
53.1%	3,278	3,169	-109	-3.3%	
54.3%	3,274	3,165	-110	-3.3%	
55.6%	3,274	3,138	-136	-4.2%	
56.8%	3,268	3,130	-138	-4.2%	
58.0%	3,252	3,053	-199	-6.1%	
59.3%	3,213	3,051	-162	-5.0%	
60.5%	3,191	2,967	-224	-7.0%	
61.7%	3,181	2,960	-222	-7.0%	
63.0%	3,174	2,959	-214	-6.8%	
64.2%	3,084	2,955	-129	-4.2%	
65.4%	2,947	2,926	-22	-0.7%	
66.7%	2,947	2,885	-62	-2.1%	
67.9%	2,943	2,882	-62	-2.1%	
69.1%	2,930	2,824	-106	-3.6%	
70.4%	2,894	2,817	-77	-2.7%	
71.6%	2,825	2,801	-24	-0.8%	
72.8%	2,775	2,955	17	0.6%	
74.1%	2,743	2,636	-106	-3.9%	
75.3%	2,734	2,628	-107	-3.9%	
76.5%	2,728	2,616	-112	-4.1%	
77.8%	2,647	2,496	-152	-5.7%	
79.0%	2,575	2,410	-165	-6.4%	
80.2%	2,542	2,406	-135	-5.3%	
81.5%	2,539	2,268	-271	-10.7%	
82.7%	2,409	2,259	-150	-6.2%	
84.0%	2,368	2,133	-235	-9.9%	
85.2%	2,274	2,096	-178	-7.8%	
86.4%	2,245	2,091	-154	-6.9%	
87.7%	2,224	2,069	-154	-6.9%	
88.9%	2,138	1,986	-152	-7.1%	
90.1%	2,137	1,891	-245	-11.5%	
91.4%	2,084	1,855	-229	-11.0%	
92.6%	1,958	1,828	-130	-6.6%	
93.8%	1,130	1,674	543	48.1%	
95.1%	1,092	1,591	499	45.7%	
96.3%	1,001	1,000	-1	-0.1%	
97.5%	800	800	-200	-20.0%	
98.8%	800	800	0	0.0%	
100.0%	800	673	-127	-15.8%	

Percent Exceedance Probability (%)	November				
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	4,600	4,600	0	0.0%	
1.2%	4,600	4,600	0	0.0%	
2.5%	4,600	4,600	0	0.0%	
3.7%	4,600	4,600	0	0.0%	
4.9%	4,600	4,600	0	0.0%	
6.2%	4,600	4,600	0	0.0%	
7.4%	4,600	4,600	0	0.0%	
8.6%	4,600	4,600	0	0.0%	
9.9%	4,600	4,600	0	0.0%	
11.1%	4,600	4,600	0	0.0%	
12.3%	4,600	4,600	0	0.0%	
13.6%	4,600	4,600	0	0.0%	
14.8%	4,600	4,600	0	0.0%	
16.0%	4,600	4,600	0	0.0%	
17.3%	4,600	4,600	0	0.0%	
18.5%	4,600	4,600	0	0.0%	
19.8%	4,600	4,600	0	0.0%	
21.0%	4,600	4,600	0	0.0%	
22.2%	4,600	4,600	0	0.0%	
23.5%	4,600	4,600	0	0.0%	
24.7%	4,593	4,600	7	0.2%	
25.9%	4,534	4,600	66	1.5%	
27.2%	4,518	4,600	82	1.8%	
28.4%	4,505	4,579	75	1.7%	
29.6%	4,295	4,536	241	5.6%	
30.9%	4,376	4,450	74	1.7%	
32.1%	4,271	4,398	127	3.0%	
33.3%	4,231	4,394	163	3.9%	
34.6%	4,230	4,354	124	2.9%	
35.8%	4,230	4,322	92	2.2%	
37.0%	4,176	4,307	131	3.1%	
38.3%	4,162	4,297	135	3.3%	
39.5%	3,983	4,279	295	7.4%	
40.7%	3,954	4,111	156	3.9%	
42.0%	3,873	4,073	200	5.2%	
43.2%	4,038	4,028	-10	-0.2%	
44.4%	3,812	3,825	13	0.3%	
45.7%	3,728	3,822	94	2.5%	
46.9%	3,631	3,807	176	4.9%	
48.1%	3,613	3,746	133	3.7%	
49.4%	3,592	3,739	147	4.1%	
50.6%	3,522	3,710	188	5.3%	
51.9%	3,422	3,704	282	8.2%	
53.1%	3,414	3,621	208	6.1%	
54.3%	3,321	3,615	294	8.9%	
55.6%	3,268	3,615	347	10.6%	
56.8%	3,244	3,602	358	11.0%	
58.0%	3,232	3,570	338	10.5%	
59.3%	3,185	3,568	383	12.0%	
60.5%	3,172	3,559	386	12.2%	
61.7%	3,162	3,491	328	10.4%	
63.0%	3,128	3,446	318	10.2%	
64.2%	3,100	3,431	331	10.7%	
65.4%	3,017	3,410	393	13.0%	
66.7%	2,988	3,267	279	9.3%	
67.9%	2,959	3,154	196	6.6%	
69.1%	2,945	3,052	107	3.6%	
70.4%	2,890	2,992	102	3.5%	
71.6%	2,841	2,970	129	4.5%	
72.8%	2,766	2,856	189	6.8%	
74.1%	2,730	2,901	171	6.3%	
75.3%	2,715	2,883	167	6.2%	
76.5%	2,665	2,829	164	6.2%	
77.8%	2,658	2,707	49	1.8%	
79.0%	2,649	2,705	56	2.1%	
80.2%	2,405	2,679	274	11.4%	
81.5%	2,404	2,658	253	10.5%	
82.7%	2,275	2,578	303	13.3%	
84.0%	2,215	2,521	305	13.8%	
85.2%	2,094	2,489	395	18.9%	
86.4%	2,082	2,450	368	17.7%	
87.7%	2,040	2,303	263	12.9%	
88.9%	2,019	2,225	206	10.2%	
90.1%	1,947	2,107	159	8.2%	
91.4%	1,825	1,945	120	6.6%	
92.6%	1,745	1,917	172	9.9%	
93.8%	1,662	1,844	172	9.9%	
95.1%	1,453	1,470	17	1.2%	
96.3%	1,401	1,338	-63	-4.5%	
97.5%	1,200	1,248	48	4.0%	
98.8%	907	1,058	151	16.6%	
100.0%	800	800	0	0.0%	

Percent Exceedance Probability (%)	December				
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	4,600	4,600	0	0.0%	
1.2%	4,600	4,600	0	0.0%	
2.5%	4,600	4,600	0	0.0%	
3.7%	4,600	4,600	0	0.0%	
4.9%	4,600	4,600	0	0.0%	
6.2%	4,600	4,600	0	0.0%	
7.4%	4,600	4,600	0	0.0%	
8.6%	4,600	4,600	0	0.0%	
9.9%	4,600	4,600	0	0.0%	
11.1%	4,600	4,600	0	0.0%	
12.3%	4,600	4,600	0	0.0%	
13.6%	4,600	4,600	0	0.0%	
14.8%	4,600	4,600	0	0.0%	
16.0%	4,600	4,600	0	0.0%	
17.3%	4,600	4,600	0	0.0%	
18.5%	4,600	4,600	0	0.0%	
19.8%	4,600	4,600	0	0.0%	
21.0%	4,600	4,600	0	0.0%	
22.2%	4,600	4,600	0	0.0%	
23.5%	4,600	4,565	-35	-0.8%	
24.7%	4,600	4,553	-47	-1.0%	
25.9%	4,547	4,540	-7	-0.1%	
27.2%	4,485	4,489	4	0.1%	
28.4%	4,460	4,440	-20	-0.4%	
29.6%	4,397	4,395	-2	-0.0%	
30.9%	4,381	4,381	0	0.0%	
32.1%	4,348	4,348	0	0.0%	
33.3%	4,344	4,340	-4	-0.1%	
34.6%	4,281	4,283	3	0.1%	
35.8%	4,223	4,281	57	1.4%	
37.0%	4,203	4,213	10	0.2%	
38.3%	4,153	4,146	-7	-0.2%	
39.5%	4,108	4,120	13	0.3%	
40.7%	4,062	4,108	46	1.1%	
42.0%	4,056	4,056	0	0.0%	
43.2%	4,029	4,029	0	0.0%	
44.4%	4,023	3,975	-48	-1.2%	
45.7%	3,971	3,971	0	0.0%	
46.9%	3,970	3,970	0	0.0%	
48.1%	3,931	3,862	-69	-1.8%	
49.4%	3,874	3,846	-28	-0.7%	
50.6%	3,865	3,835	-30	-0.8%	
51.9%	3,859	3,828	-32	-0.8%	
53.1%	3,855	3,821	-34	-0.9%	
54.3%	3,846	3,804	-42	-1.1%	
55.6%	3,827	3,754	-73	-1.9%	
56.8%	3,804	3,747	-57	-1.5%	
58.0%	3,764	3,732	-32	-0.9%	
59.3%	3,747	3,730	-17	-0.5%	
60.5%	3,733	3,729	-4	-0.1%	
61.7%	3,732	3,712	-20	-0.5%	
63.0%	3,729	3,697	-31	-0.8%	
64.2%	3,727	3,688	-39	-1.1%	
65.4%	3,706	3,666	-40	-1.1%	
66.7%	3,688	3,639	-49	-1.3%	
67.9%	3,639	3,590	-48	-1.3%	
69.1%	3,637	3,470	-167	-4.6%	
70.4%	3,624	3,445	-179	-4.9%	
71.6%	3,579	3,388	-191	-5.3%	
72.8%					

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

Percent Exceedance Probability (%)	February			
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	4,600	4,600	0	0.0%
1.2%	4,600	4,600	0	0.0%
2.5%	4,600	4,600	0	0.0%
3.7%	4,600	4,600	0	0.0%
4.9%	4,600	4,600	0	0.0%
6.2%	4,600	4,600	0	0.0%
7.4%	4,600	4,600	0	0.0%
8.6%	4,600	4,600	0	0.0%
9.9%	4,600	4,600	0	0.0%
11.1%	4,600	4,600	0	0.0%
12.3%	4,600	4,600	0	0.0%
13.6%	4,600	4,600	0	0.0%
14.8%	4,600	4,600	0	0.0%
16.0%	4,600	4,600	0	0.0%
17.3%	4,600	4,576	-24	-0.5%
18.5%	4,600	4,566	-34	-0.7%
19.8%	4,600	4,441	-159	-3.5%
21.0%	4,600	4,356	-244	-5.3%
22.2%	4,576	4,149	-427	-9.3%
23.5%	4,570	4,086	-484	-10.6%
24.7%	4,488	4,052	-436	-9.7%
25.9%	4,441	4,009	-432	-9.7%
27.2%	4,432	3,973	-458	-10.3%
28.4%	4,340	3,946	-394	-9.1%
29.6%	4,160	3,916	-243	-5.9%
30.9%	4,086	3,894	-192	-4.7%
32.1%	4,009	3,671	-338	-8.4%
33.3%	4,007	3,586	-421	-10.5%
34.6%	4,005	3,464	-541	-13.0%
35.8%	3,973	3,442	-532	-13.4%
37.0%	3,946	3,406	-540	-13.7%
38.3%	3,922	3,376	-546	-13.9%
39.5%	3,849	3,347	-501	-13.0%
40.7%	3,669	3,337	-332	-9.0%
42.0%	3,586	3,319	-268	-7.5%
43.2%	3,486	3,212	-273	-7.8%
44.4%	3,442	3,182	-260	-7.5%
45.7%	3,413	3,074	-339	-9.9%
46.9%	3,376	2,966	-410	-12.1%
48.1%	3,347	2,797	-550	-16.4%
49.4%	3,337	2,637	-700	-21.0%
50.6%	3,319	2,615	-704	-21.2%
51.9%	3,283	2,570	-713	-21.7%
53.1%	3,212	2,566	-646	-20.1%
54.3%	3,074	2,561	-512	-16.7%
55.6%	2,970	2,536	-433	-14.6%
56.8%	2,756	2,517	-239	-8.7%
58.0%	2,619	2,499	-120	-4.6%
59.3%	2,615	2,460	-155	-5.9%
60.5%	2,581	2,453	-128	-5.0%
61.7%	2,570	2,415	-155	-6.0%
63.0%	2,568	2,368	-198	-7.7%
64.2%	2,529	2,081	-448	-17.7%
65.4%	2,525	2,046	-479	-19.0%
66.7%	2,500	2,006	-494	-19.8%
67.9%	2,499	1,952	-547	-22.1%
69.1%	2,480	1,863	-617	-24.9%
70.4%	2,457	1,817	-640	-26.0%
71.6%	2,415	1,805	-610	-25.3%
72.8%	2,137	1,790	-347	-16.2%
74.1%	2,081	1,771	-310	-14.9%
75.3%	2,081	1,708	-373	-17.9%
76.5%	2,046	1,674	-372	-18.2%
77.8%	1,952	1,568	-384	-19.7%
79.0%	1,805	1,522	-283	-15.7%
80.2%	1,790	1,441	-349	-19.5%
81.5%	1,771	1,418	-353	-19.9%
82.7%	1,708	1,347	-360	-21.1%
84.0%	1,568	1,310	-258	-16.4%
85.2%	1,548	1,228	-320	-20.7%
86.4%	1,442	1,200	-242	-16.8%
87.7%	1,441	1,128	-313	-21.7%
88.9%	1,418	1,087	-331	-23.3%
90.1%	1,347	969	-378	-28.0%
91.4%	1,310	888	-422	-32.2%
92.6%	1,244	872	-371	-29.8%
93.8%	1,228	800	-428	-34.8%
95.1%	1,120	800	-320	-28.6%
96.3%	800	800	0	0.0%
97.5%	800	800	0	0.0%
98.8%	800	731	-69	-8.6%
100.0%	800	728	-72	-9.0%

Percent Exceedance Probability (%)	March			
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	4,600	4,600	0	0.0%
1.2%	4,600	4,600	0	0.0%
2.5%	4,600	4,600	0	0.0%
3.7%	4,600	4,600	0	0.0%
4.9%	4,600	4,600	0	0.0%
6.2%	4,600	4,600	0	0.0%
7.4%	4,600	4,600	0	0.0%
8.6%	4,600	4,600	0	0.0%
9.9%	4,600	4,600	0	0.0%
11.1%	4,600	4,600	0	0.0%
12.3%	4,600	4,600	0	0.0%
13.6%	4,600	4,600	0	0.0%
14.8%	4,600	4,600	0	0.0%
16.0%	4,600	4,600	0	0.0%
17.3%	4,600	4,600	0	0.0%
18.5%	4,600	4,600	0	0.0%
19.8%	4,236	4,462	226	5.3%
21.0%	4,080	4,218	138	3.4%
22.2%	3,998	4,149	151	3.8%
23.5%	3,961	3,978	17	0.4%
24.7%	3,893	3,961	69	1.8%
25.9%	3,871	3,893	21	0.6%
27.2%	3,859	3,871	12	0.3%
28.4%	3,805	3,805	35	0.9%
29.6%	3,777	3,825	47	1.3%
30.9%	3,757	3,821	65	1.7%
32.1%	3,577	3,777	201	5.6%
33.3%	3,548	3,757	208	5.9%
34.6%	3,479	3,577	98	2.8%
35.8%	3,455	3,548	93	2.7%
37.0%	3,445	3,479	34	1.0%
38.3%	3,437	3,445	8	0.2%
39.5%	3,417	3,406	-11	-0.3%
40.7%	3,406	3,404	-3	-0.1%
42.0%	3,319	3,404	85	2.6%
43.2%	3,346	3,313	-33	-1.0%
44.4%	3,295	3,257	-39	-1.2%
45.7%	3,266	3,252	-14	-0.4%
46.9%	3,254	3,239	-14	-0.4%
48.1%	3,252	3,111	-141	-4.3%
49.4%	3,187	2,898	-289	-9.1%
50.6%	2,989	2,844	-146	-4.9%
51.9%	2,888	2,783	-104	-3.6%
53.1%	2,844	2,758	-86	-3.0%
54.3%	2,771	2,715	-57	-2.0%
55.6%	2,758	2,628	-130	-4.7%
56.8%	2,715	2,581	-134	-4.9%
58.0%	2,581	2,564	-17	-0.7%
59.3%	2,551	2,536	-16	-0.6%
60.5%	2,536	2,531	-5	-0.2%
61.7%	2,531	2,438	-93	-3.7%
63.0%	2,529	2,385	-144	-5.7%
64.2%	2,470	2,349	-121	-4.9%
65.4%	2,438	2,343	-95	-3.9%
66.7%	2,385	2,327	-58	-2.4%
67.9%	2,349	2,281	-68	-2.9%
69.1%	2,343	2,276	-67	-2.9%
70.4%	2,327	2,038	-289	-12.4%
71.6%	2,245	1,991	-254	-11.3%
72.8%	2,048	1,990	-58	-2.8%
74.1%	1,991	1,987	-4	-0.2%
75.3%	1,990	1,975	-15	-0.8%
76.5%	1,965	1,774	-191	-9.7%
77.8%	1,774	1,662	-112	-6.3%
79.0%	1,662	1,499	-163	-9.8%
80.2%	1,447	1,447	0	0.0%
81.5%	1,432	1,445	13	0.9%
82.7%	1,348	1,379	32	2.3%
84.0%	1,302	1,304	2	0.1%
85.2%	1,235	1,262	27	2.2%
86.4%	1,139	1,235	96	8.4%
87.7%	1,066	1,139	74	6.9%
88.9%	1,039	1,039	0	0.0%
90.1%	893	895	2	0.2%
91.4%	834	843	9	1.1%
92.6%	800	898	98	12.3%
93.8%	800	800	0	0.0%
95.1%	800	800	0	0.0%
96.3%	800	800	0	0.0%
97.5%	800	800	0	0.0%
98.8%	800	800	0	0.0%
100.0%	800	800	0	0.0%

Percent Exceedance Probability (%)	April			
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	2,722	3,373	652	23.9%
1.2%	2,722	2,595	-127	-4.7%
2.5%	2,497	2,580	84	3.3%
3.7%	2,489	2,485	-4	-0.2%
4.9%	2,249	2,250	1	0.0%
6.2%	2,137	2,129	-8	-0.4%
7.4%	2,057	2,049	-8	-0.4%
8.6%	1,952	1,952	0	0.0%
9.9%	1,862	1,855	-8	-0.4%
11.1%	1,852	1,768	-85	-4.6%
12.3%	1,768	1,737	-31	-1.7%
13.6%	1,744	1,700	-44	-2.5%
14.8%	1,639	1,639	0	0.0%
16.0%	1,637	1,632	-5	-0.3%
17.3%	1,629	1,624	-5	-0.3%
18.5%	1,624	1,618	-7	-0.4%
19.8%	1,558	1,585	27	1.7%
21.0%	1,485	1,485	0	0.0%
22.2%	1,477	1,477	0	0.0%
23.5%	1,464	1,429	-35	-2.4%
24.7%	1,456	1,411	-46	-3.1%
25.9%	1,437	1,406	-32	-2.2%
27.2%	1,411	1,395	-16	-1.1%
28.4%	1,395	1,394	-1	-0.1%
29.6%	1,394	1,391	-2	-0.2%
30.9%	1,391	1,341	-51	-3.7%
32.1%	1,382	1,340	-42	-3.1%
33.3%	1,340	1,335	-5	-0.4%
34.6%	1,335	1,329	-6	-0.5%
35.8%	1,329	1,320	-9	-0.7%
37.0%	1,323	1,317	-6	-0.5%
38.3%	1,257	1,297	39	3.1%
39.5%	1,254	1,254	0	0.0%
40.7%	1,252	1,253	1	0.1%
42.0%	1,247	1,247	0	0.0%
43.2%	1,235	1,235	0	0.0%
44.4%	1,230	1,230	0	0.0%
45.7%	1,218	1,218	0	0.0%
46.9%	1,195	1,201	6	0.5%
48.1%	1,130	1,195	65	5.7%
49.4%	1,110	1,130	20	1.8%
50.6%	1,104	1,114	10	0.9%
51.9%	1,086	1,086	0	0.0%
53.1%	1,070	1,070	0	0.0%
54.3%	1,046	1,053	8	0.8%
55.6%	1,038	1,046	7	0.7%
56.8%	1,030	1,038	8	0.8%
58.0%	1,029	1,030	0	0.0%
59.3%	1,028	1,029	1	0.1%
60.5%	1,014	1,028	14	1.4%
61.7%	1,007	1,014	7	0.7%
63.0%	980	999	19	2.0%
64.2%	974	980	6	0.7%
65.4%	967	974	7	0.7%
66.7%	952	967	15	1.6%
67.9%	938	940	2	0.2%
69.1%	924	938	14	1.5%
70.4%	923	924	1	0.1%
71.6%	892	923	30	3.4%
72.8%	892	892	0	0.0%
74.1%	872	892	20	2.3%
75.3%	868	872	5	0.5%
76.5%	856	840	-16	-1.9%
77.8%	840	800	-40	-4.8%
79.0%	800	800	0	0.0%
80.2%	800	800	0	0.0%
81.5%	800	800	0	0.0%
82.7%	800	800	0	0.0%
84.0%	800	800	0	0.0%
85.2%	800	800	0	0.0%
86.4%	800	800	0	0.0%
87.7%	800	800	0	0.0%
88.9%	800	800	0	0.0%
90.1%	800	800	0	0.0%
91.4%	800	800	0	0.0%
92.6%	800	800	0	0.0%
93.8%	800	800	0	0.0%
95.1%	800	800	0	0.0%
96.3%	800	800	0	0.0%
97.5%	800	800	0	0.0%
98.8%	800	800	0	0.0%
100.0%	800	800	0	0.0%

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

June					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	4,600	4,600	0	0.0%	
1.2%	4,600	4,600	0	0.0%	
2.5%	4,600	4,600	0	0.0%	
3.7%	4,600	4,600	0	0.0%	
4.9%	4,600	4,600	0	0.0%	
6.2%	4,427	4,161	-267	-6.0%	
7.4%	4,183	4,155	-28	-0.7%	
8.6%	4,022	3,957	-64	-1.6%	
9.9%	4,019	3,907	-113	-2.8%	
11.1%	3,907	3,804	-103	-2.6%	
12.3%	3,776	3,662	-115	-3.0%	
13.6%	3,701	3,661	-41	-1.1%	
14.8%	3,645	3,525	-120	-3.3%	
16.0%	3,530	3,513	-17	-0.5%	
17.3%	3,452	3,486	34	1.0%	
18.5%	3,307	3,452	146	4.4%	
19.8%	3,255	3,207	-49	-1.5%	
21.0%	3,232	3,186	-46	-1.4%	
22.2%	3,202	3,223	21	0.7%	
23.5%	3,170	3,117	-53	-1.7%	
24.7%	3,133	2,911	-221	-7.1%	
25.9%	3,085	2,823	-262	-8.5%	
27.2%	2,951	2,823	-128	-4.3%	
28.4%	2,911	2,788	-126	-4.3%	
29.6%	2,793	2,788	-5	-0.2%	
30.9%	2,773	2,762	-10	-0.4%	
32.1%	2,747	2,753	6	0.2%	
33.3%	2,746	2,727	-19	-0.7%	
34.6%	2,727	2,673	-54	-2.0%	
35.8%	2,687	2,670	-17	-0.6%	
37.0%	2,673	2,509	-164	-6.1%	
38.3%	2,670	2,479	-192	-7.2%	
39.5%	2,665	2,455	-210	-7.9%	
40.7%	2,614	2,441	-172	-6.6%	
42.0%	2,605	2,310	-295	-11.3%	
43.2%	2,604	2,201	-403	-15.5%	
44.4%	2,564	2,295	-269	-10.5%	
45.7%	2,526	2,191	-334	-13.2%	
46.9%	2,509	2,039	-470	-18.7%	
48.1%	2,269	2,027	-241	-10.6%	
49.4%	2,108	2,004	-104	-4.9%	
50.6%	2,039	1,909	-129	-6.4%	
51.9%	1,921	1,876	-45	-2.3%	
53.1%	1,909	1,873	-36	-1.9%	
54.3%	1,873	1,862	-11	-0.6%	
55.6%	1,855	1,855	0	0.0%	
56.8%	1,850	1,850	0	0.0%	
58.0%	1,839	1,833	-6	-0.3%	
59.3%	1,833	1,725	-108	-5.9%	
60.5%	1,725	1,722	-3	-0.2%	
61.7%	1,722	1,693	-29	-1.7%	
63.0%	1,693	1,686	-7	-0.4%	
64.2%	1,683	1,678	-5	-0.3%	
65.4%	1,678	1,668	-9	-0.6%	
66.7%	1,668	1,661	-7	-0.4%	
67.9%	1,661	1,653	-8	-0.5%	
69.1%	1,660	1,650	-10	-0.6%	
70.4%	1,653	1,635	-19	-1.1%	
71.6%	1,650	1,618	-33	-2.0%	
72.8%	1,618	1,610	-8	-0.5%	
74.1%	1,606	1,606	0	0.0%	
75.3%	1,597	1,540	-57	-3.6%	
76.5%	1,590	1,533	-57	-3.6%	
77.8%	1,540	1,520	-20	-1.3%	
79.0%	1,520	1,455	-65	-4.3%	
80.2%	1,518	1,407	-111	-7.3%	
81.5%	1,493	801	-692	-46.4%	
82.7%	1,356	800	-556	-41.0%	
84.0%	800	744	-56	-7.1%	
85.2%	744	614	-129	-17.4%	
86.4%	614	550	-64	-10.4%	
87.7%	550	481	-69	-12.6%	
88.9%	488	435	-52	-10.7%	
90.1%	484	427	-56	-11.6%	
91.4%	435	407	-28	-6.5%	
92.6%	427	358	-69	-16.2%	
93.8%	407	354	-53	-13.0%	
95.1%	354	289	-65	-18.2%	
96.3%	262	263	1	0.5%	
97.5%	201	236	35	17.4%	
98.8%	201	226	25	12.6%	
100.0%	88	68	-20	-22.7%	

July					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	4,600	4,600	0	0.0%	
1.2%	4,600	4,600	0	0.0%	
2.5%	4,600	4,600	0	0.0%	
3.7%	4,600	4,600	0	0.0%	
4.9%	4,600	4,600	0	0.0%	
6.2%	4,600	4,600	0	0.0%	
7.4%	4,600	4,600	0	0.0%	
8.6%	4,600	4,600	0	0.0%	
9.9%	4,600	4,600	0	0.0%	
11.1%	4,600	4,600	0	0.0%	
12.3%	4,600	4,600	0	0.0%	
13.6%	4,600	4,600	0	0.0%	
14.8%	4,600	4,600	0	0.0%	
16.0%	4,600	4,600	0	0.0%	
17.3%	4,600	4,600	0	0.0%	
18.5%	4,600	4,600	0	0.0%	
19.8%	4,600	4,600	0	0.0%	
21.0%	4,600	4,600	0	0.0%	
22.2%	4,600	4,600	0	0.0%	
23.5%	4,585	4,600	15	0.3%	
24.7%	4,583	4,600	17	0.4%	
25.9%	4,583	4,600	17	0.4%	
27.2%	4,582	4,600	18	0.4%	
28.4%	4,582	4,584	2	0.0%	
29.6%	4,582	4,583	1	0.0%	
30.9%	4,582	4,583	1	0.0%	
32.1%	4,582	4,583	1	0.0%	
33.3%	4,581	4,583	2	0.0%	
34.6%	4,581	4,583	2	0.0%	
35.8%	4,582	4,582	0	0.0%	
37.0%	4,448	4,582	134	3.0%	
38.3%	4,381	4,582	201	4.6%	
39.5%	4,378	4,582	204	4.7%	
40.7%	4,306	4,581	275	6.4%	
42.0%	4,310	4,575	274	6.4%	
43.2%	4,260	4,600	240	5.6%	
44.4%	4,217	4,236	18	0.4%	
45.7%	4,173	4,211	38	0.9%	
46.9%	4,156	4,167	11	0.3%	
48.1%	3,837	4,103	266	6.9%	
49.4%	3,800	4,062	263	6.9%	
50.6%	3,767	3,933	167	4.4%	
51.9%	3,616	3,828	212	5.9%	
53.1%	3,609	3,686	78	2.2%	
54.3%	3,526	3,632	105	3.0%	
55.6%	3,447	3,467	39	1.1%	
56.8%	3,415	3,475	60	1.8%	
58.0%	3,338	3,468	130	3.9%	
59.3%	3,281	3,357	77	2.3%	
60.5%	3,249	3,342	93	2.9%	
61.7%	3,145	3,289	144	4.6%	
63.0%	3,111	3,244	133	4.3%	
64.2%	3,078	3,186	108	3.5%	
65.4%	3,062	3,155	93	3.0%	
66.7%	3,050	3,126	76	2.5%	
67.9%	3,047	3,122	75	2.5%	
69.1%	2,971	3,112	141	4.7%	
70.4%	2,963	3,110	147	5.0%	
71.6%	2,898	2,929	31	1.1%	
72.8%	2,795	2,884	90	3.2%	
74.1%	2,773	2,863	90	3.3%	
75.3%	2,718	2,784	66	2.4%	
76.5%	2,678	2,727	50	1.9%	
77.8%	2,611	2,678	66	2.5%	
79.0%	2,416	2,641	225	9.3%	
80.2%	2,358	2,601	243	10.3%	
81.5%	2,263	2,514	251	11.1%	
82.7%	2,073	2,406	333	16.0%	
84.0%	2,037	2,373	336	16.5%	
85.2%	2,009	2,292	284	14.1%	
86.4%	1,829	2,291	462	25.3%	
87.7%	1,788	2,053	265	14.8%	
88.9%	1,711	1,580	-130	-7.6%	
90.1%	1,519	1,504	-15	-1.0%	
91.4%	1,459	1,273	-186	-12.8%	
92.6%	1,299	1,111	-188	-14.5%	
93.8%	1,230	1,094	-136	-11.0%	
95.1%	800	1,069	269	33.7%	
96.3%	800	991	191	23.9%	
97.5%	800	800	0	0.0%	
98.8%	800	800	0	0.0%	
100.0%	800	800	0	0.0%	

August					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	4,600	4,600	0	0.0%	
1.2%	4,600	4,600	0	0.0%	
2.5%	4,600	4,600	0	0.0%	
3.7%	4,600	4,600	0	0.0%	
4.9%	4,600	4,600	0	0.0%	
6.2%	4,600	4,600	0	0.0%	
7.4%	4,600	4,600	0	0.0%	
8.6%	4,600	4,600	0	0.0%	
9.9%	4,600	4,600	0	0.0%	
11.1%	4,600	4,600	0	0.0%	
12.3%	4,600	4,600	0	0.0%	
13.6%	4,600	4,600	0	0.0%	
14.8%	4,600	4,600	0	0.0%	
16.0%	4,600	4,600	0	0.0%	
17.3%	4,600	4,600	0	0.0%	
18.5%	4,600	4,600	0	0.0%	
19.8%	4,600	4,600	0	0.0%	
21.0%	4,600	4,600	0	0.0%	
22.2%	4,600	4,600	0	0.0%	
23.5%	4,600	4,600	0	0.0%	
24.7%	4,569	4,600	31	0.7%	
25.9%	4,533	4,600	67	1.5%	
27.2%	4,517	4,600	83	1.8%	
28.4%	4,373	4,600	227	5.2%	
29.6%	4,209	4,600	391	9.3%	
30.9%	4,151	4,600	449	10.8%	
32.1%	4,147	4,600	453	10.9%	
33.3%	4,133	4,600	467	11.3%	
34.6%	4,114	4,600	486	11.8%	
35.8%	4,113	4,600	487	11.8%	
37.0%	4,060	4,600	540	13.3%	
38.3%	3,998	4,600	602	15.1%	
39.5%	3,984	4,600	616	15.5%	
40.7%	3,974	4,600	626	15.7%	
42.0%	3,905	4,600	695	16.0%	
43.2%	3,875	4,600	725	18.7%	
44.4%	3,868	4,597	730	18.9%	
45.7%	3,863	4,594	731	18.9%	
46.9%	3,854	4,525	671	17.4%	
48.1%	3,847	4,505	658	17.1%	
49.4%	3,832	4,461	629	16.4%	
50.6%	3,729	4,443	714	19.2%	
51.9%	3,675	4,394	719	19.6%	
53.1%	3,612	4,286	674	18.7%	
54.3%	3,552	4,265	713	20.1%	
55.6%	3,549	4,259	710	20.0%	
56.8%	3,527	4,219	691	19.6%	
58.0%	3,473	4,216	743	21.4%	
59.3%	3,307	4,213	907	27.4%	
60.5%	3,271	4,046	775	23.7%	
61.7%	3,232	3,951	719	22.2%	
63.0%	3,172	3,891	720	22.7%	
64.2%	3,155	3,888	733	23.2%	
65.4%	3,137	3,808	671	21.4%	
66.7%	3,098	3,760	662	21.4%	
67.9%	3,058	3,759	702	22.9%	
69.1%	2,994	3,725	741	24.8%	
70.4%	2,945	3,664	719	24.4%	
71.6%	2,944	3,655	711	24.2%	
72.8%	2,924	3,655	731	25.0%	

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

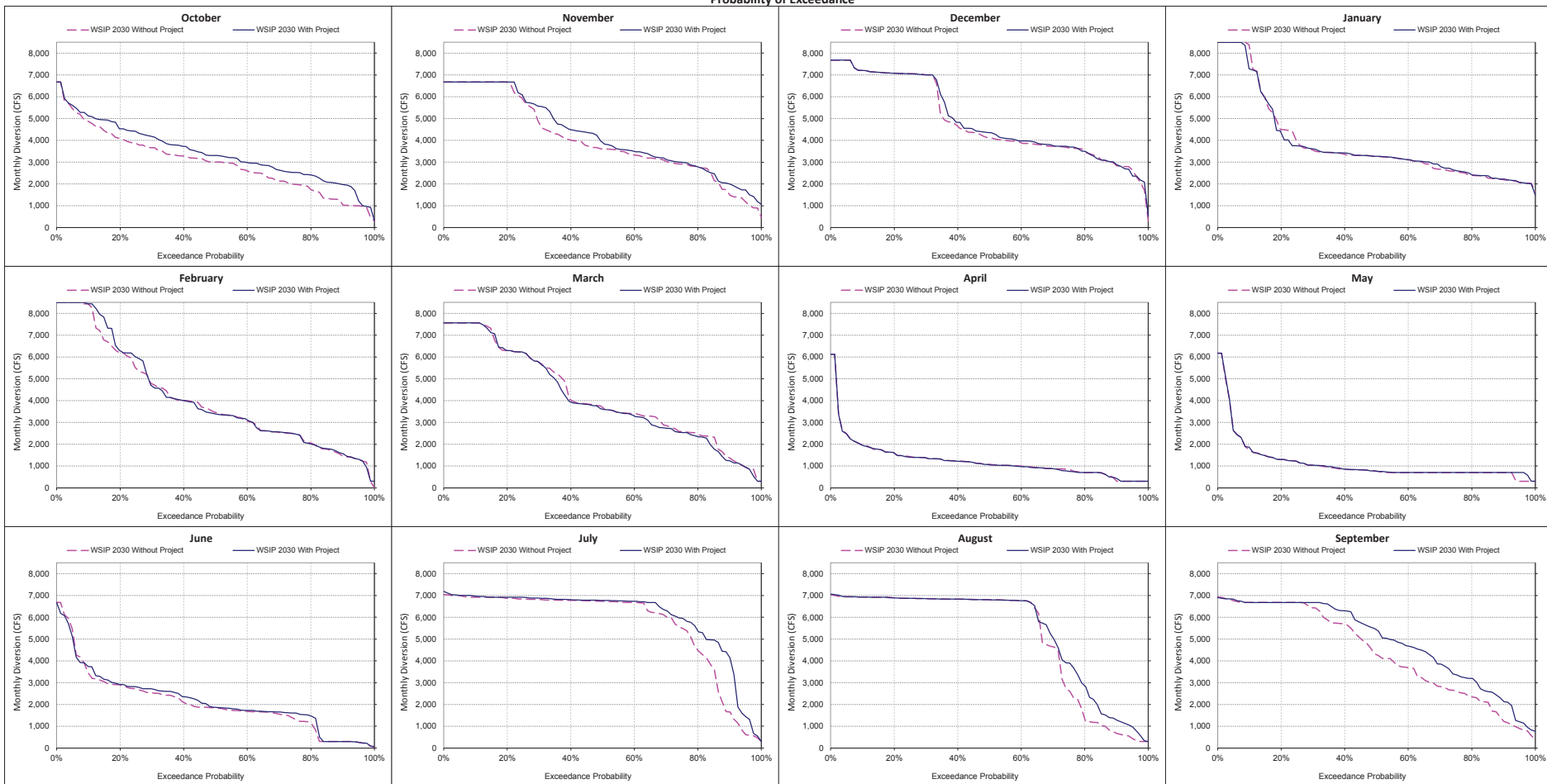


Table SW-38-b
Banks Pumping Plant (SWP and CVP), Monthly Diversion
Probability of Exceedance

Percent Exceedance Probability (%)	October			
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	6,680	0	0	0.0%
1.2%	6,680	6,680	0	0.0%
2.5%	5,799	5,915	116	2.0%
3.7%	5,704	5,716	12	0.2%
4.9%	5,461	5,615	155	2.8%
6.2%	5,269	5,481	212	4.0%
7.4%	5,189	5,283	94	1.8%
8.6%	4,945	5,281	336	6.8%
9.9%	4,877	5,119	242	5.0%
11.1%	4,770	5,089	319	6.7%
12.3%	4,635	4,987	353	7.6%
13.6%	4,623	4,959	336	7.3%
14.8%	4,458	4,941	483	10.8%
16.0%	4,340	4,926	585	13.5%
17.3%	4,303	4,860	556	12.9%
18.5%	4,137	4,829	692	16.7%
19.8%	4,095	4,534	439	10.7%
21.0%	4,040	4,527	487	12.0%
22.2%	3,953	4,567	505	12.8%
23.5%	3,897	4,438	541	13.9%
24.7%	3,886	4,420	534	13.7%
25.9%	3,785	4,318	533	14.1%
27.2%	3,783	4,272	489	12.9%
28.4%	3,676	4,231	555	15.1%
29.6%	3,667	4,191	523	14.3%
30.9%	3,659	4,137	479	13.1%
32.1%	3,528	4,037	509	14.4%
33.3%	3,501	3,968	467	13.3%
34.6%	3,364	3,854	490	14.6%
35.8%	3,360	3,900	450	13.4%
37.0%	3,333	3,792	459	13.8%
38.3%	3,297	3,775	477	14.5%
39.5%	3,288	3,727	438	13.3%
40.7%	3,273	3,716	443	13.6%
42.0%	3,195	3,568	373	11.7%
43.2%	3,184	3,540	356	11.2%
44.4%	3,174	3,481	306	9.6%
45.7%	3,169	3,437	268	8.5%
46.9%	3,062	3,327	266	8.7%
48.1%	3,008	3,307	298	9.9%
49.4%	3,008	3,305	297	9.9%
50.6%	3,007	3,302	295	9.8%
51.9%	3,004	3,278	275	9.1%
53.1%	2,964	3,241	277	9.4%
54.3%	2,960	3,212	252	8.5%
55.6%	2,947	3,205	258	8.7%
56.8%	2,945	3,170	324	11.0%
58.0%	2,865	3,017	352	13.2%
59.3%	2,847	3,007	359	13.6%
60.5%	2,842	2,966	404	15.8%
61.7%	2,823	2,952	429	17.0%
63.0%	2,808	2,949	443	17.7%
64.2%	2,498	2,880	382	15.3%
65.4%	2,423	2,858	435	18.0%
66.7%	2,279	2,846	567	24.9%
67.9%	2,260	2,768	507	22.4%
69.1%	2,158	2,660	502	23.3%
70.4%	2,131	2,625	494	23.2%
71.6%	2,129	2,575	446	21.0%
72.8%	2,045	2,556	511	25.0%
74.1%	1,996	2,528	532	26.7%
75.3%	1,979	2,527	548	27.7%
76.5%	1,960	2,513	553	28.2%
77.8%	1,930	2,432	501	26.0%
79.0%	1,891	2,427	536	28.3%
80.2%	1,714	2,405	691	40.3%
81.5%	1,682	2,360	679	40.4%
82.7%	1,616	2,254	648	40.1%
84.0%	1,352	2,142	790	58.4%
85.2%	1,349	2,080	731	54.2%
86.4%	1,306	2,074	768	58.8%
87.7%	1,299	2,047	748	57.6%
88.9%	1,288	2,012	724	56.2%
90.1%	1,023	1,968	945	92.6%
91.4%	1,019	1,951	931	91.4%
92.6%	1,011	1,891	880	87.0%
93.8%	1,000	1,709	709	70.9%
95.1%	997	1,221	224	22.4%
96.3%	968	1,000	32	3.3%
97.5%	931	969	38	4.1%
98.8%	474	926	452	95.2%
100.0%	300	332	32	10.5%

Percent Exceedance Probability (%)	November			
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	6,680	6,680	0	0.0%
1.2%	6,680	6,680	0	0.0%
2.5%	6,680	6,680	0	0.0%
3.7%	6,680	6,680	0	0.0%
4.9%	6,680	6,680	0	0.0%
6.2%	6,680	6,680	0	0.0%
7.4%	6,680	6,680	0	0.0%
8.6%	6,680	6,680	0	0.0%
9.9%	6,208	6,680	0	0.0%
11.1%	6,680	6,680	0	0.0%
12.3%	6,680	6,680	0	0.0%
13.6%	6,680	6,680	0	0.0%
14.8%	6,680	6,680	0	0.0%
16.0%	6,680	6,680	0	0.0%
17.3%	6,680	6,680	0	0.0%
18.5%	6,680	6,680	0	0.0%
19.8%	6,680	6,680	0	0.0%
21.0%	6,604	6,680	76	1.2%
22.2%	6,184	6,680	496	8.0%
23.5%	6,072	6,185	113	1.9%
24.7%	5,930	6,093	162	2.7%
25.9%	5,667	5,745	78	1.4%
27.2%	5,550	5,719	169	3.0%
28.4%	5,430	5,670	240	4.4%
29.6%	4,912	5,570	657	13.4%
30.9%	4,571	5,548	977	21.4%
32.1%	4,492	5,500	1,008	22.4%
33.3%	4,415	5,334	919	20.8%
34.6%	4,302	4,994	692	16.1%
35.8%	4,292	4,751	458	10.7%
37.0%	4,187	4,718	532	12.7%
38.3%	4,083	4,621	538	13.2%
39.5%	4,027	4,502	475	11.8%
40.7%	3,983	4,464	481	12.1%
42.0%	3,975	4,437	463	11.6%
43.2%	3,956	4,412	456	11.5%
44.4%	3,780	4,385	605	16.0%
45.7%	3,723	4,353	630	16.9%
46.9%	3,676	4,322	646	17.6%
48.1%	3,668	4,237	569	15.5%
49.4%	3,613	3,974	361	10.0%
50.6%	3,605	3,831	226	6.3%
51.9%	3,603	3,803	200	5.5%
53.1%	3,582	3,742	160	4.5%
54.3%	3,571	3,615	44	1.2%
55.6%	3,501	3,568	67	2.5%
56.8%	3,481	3,568	87	2.5%
58.0%	3,394	3,544	150	4.4%
59.3%	3,341	3,524	183	5.5%
60.5%	3,313	3,474	161	4.9%
61.7%	3,292	3,470	178	5.4%
63.0%	3,213	3,421	208	6.5%
64.2%	3,188	3,388	199	6.3%
65.4%	3,186	3,298	112	3.5%
66.7%	3,162	3,227	64	2.0%
67.9%	3,149	3,214	64	2.0%
69.1%	3,103	3,202	98	3.2%
70.4%	3,098	3,098	0	0.0%
71.6%	2,999	3,062	63	2.1%
72.8%	2,935	3,032	97	3.3%
74.1%	2,920	3,003	83	2.8%
75.3%	2,912	2,984	73	2.5%
76.5%	2,895	2,966	71	2.5%
77.8%	2,822	2,869	48	1.7%
79.0%	2,812	2,829	17	0.6%
80.2%	2,765	2,770	5	0.2%
81.5%	2,737	2,707	-29	-1.1%
82.7%	2,715	2,606	-109	-4.0%
84.0%	2,559	2,521	-37	-1.5%
85.2%	2,148	2,464	316	14.7%
86.4%	2,075	2,127	52	2.5%
87.7%	1,753	2,058	304	17.3%
88.9%	1,742	2,039	297	17.0%
90.1%	1,480	1,881	401	27.1%
91.4%	1,405	1,810	405	28.9%
92.6%	1,397	1,814	417	29.8%
93.8%	1,356	1,732	376	27.7%
95.1%	1,171	1,727	556	47.5%
96.3%	1,008	1,499	491	48.7%
97.5%	969	1,427	457	47.1%
98.8%	898	1,197	299	33.2%
100.0%	470	1,056	585	124.5%

Percent Exceedance Probability (%)	December			
	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	7,678	7,678	0	0.0%
1.2%	7,678	7,678	0	0.0%
2.5%	7,678	7,678	0	0.0%
3.7%	7,678	7,678	0	0.0%
4.9%	7,678	7,678	0	0.0%
6.2%	7,678	7,678	0	0.0%
7.4%	7,328	7,328	0	0.0%
8.6%	7,210	7,210	0	0.0%
9.9%	7,208	7,208	0	0.0%
11.1%	7,204	7,204	0	0.0%
12.3%	7,148	7,148	0	0.0%
13.6%	7,142	7,142	0	0.0%
14.8%	7,125	7,125	0	0.0%
16.0%	7,112	7,112	0	0.0%
17.3%	7,106	7,089	-17	-0.2%
18.5%	7,089	7,086	-3	0.0%
19.8%	7,086	7,077	-9	-0.1%
21.0%	7,077	7,072	-5	-0.1%
22.2%	7,072	7,065	-7	-0.1%
23.5%	7,065	7,063	-2	0.0%
24.7%	7,063	7,054	-9	-0.1%
25.9%	7,054	7,053	-1	0.0%
27.2%	7,053	7,042	-11	-0.2%
28.4%	7,042	7,016	-26	-0.4%
29.6%	7,016	7,005	-11	-0.2%
30.9%	7,004	7,004	0	0.0%
32.1%	6,999	6,999	0	0.0%
33.3%	6,806	6,775	-31	-0.4%
34.6%	6,212	6,123	-89	-1.4%
35.8%	6,150	6,150	0	0.0%
37.0%	6,489	5,120	-1,369	-21.1%
38.3%	4,834	5,041	206	4.3%
39.5%	4,717	4,834	117	2.5%
40.7%	4,547	4,824	277	6.1%
42.0%	4,501	4,560	59	1.3%
43.2%	4,381	4,532	151	3.4%
44.4%	4,365	4,540	175	4.0%
45.7%	4,348	4,431	83	1.9%
46.9%	4,281	4,414	134	3.1%
48.1%	4,185	4,381	196	4.7%
49.4%	4,120	4,363	243	5.9%
50.6%	4,108	4,348	241	5.9%
51.9%	4,056	4,281	224	5.5%
53.1%	4,029	4,140	111	2.8%
54.3%	4,023	4,108	85	2.1%
55.6%	3,985	4,087	103	2.6%
56.8%	3,971	4,074	102	2.6%
58.0%	3,970	4,029	58	1.5%
59.3%	3,931	3,975	44	1.1%
60.5%	3,859	3,971	112	2.9%
61.7%	3,857	3,970	113	2.9%
63.0%	3,846	3,962	117	3.0%
64.2%	3,827	3,921	94	2.4%
65.4%	3,804	3,846	42	1.1%
66.7%	3,795	3,821	26	0.7%
67.9%	3,747	3,811	64	1.7%
69.1%	3,732	3,804	72	1.9%
70.4%	3,729	3,747	18	0.5%
71.6%	3,727	3,732	5	0.1%
72.8%	3,706	3,730	23	0.6%
74.1%	3,688	3,729	41	1.1%
75.3%	3,639	3,697	59	1.6%
76.5%	3,637	3,688	51	1.4%
77.8%	3,624	3,639	15	0.4%
79.0%	3,617	3,514	-102	-2.8%
80.2%	3,440	3,492	51	1.5%
81.5%	3,395	3,364	-31	-0.9%
82.7%	3,324	3,276	-48	-1.4%
84.0%	3,262	3,156	-106	-3.2%
85.2%	3,108	3,100	-8	-0.3%
86.4%	3,077	3,090	13	0.4%
87.7%	2,997	3,022	25	0.9%
88.9%	2,984	3,009	25	0.8%
90.1%	2,832	2,876	44	1.5%
91.4%	2,814	2,814	0	0.0%
92.6%	2,799</			

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

February					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	8,500	8,500	0	0.0%	
1.2%	8,500	8,500	0	0.0%	
2.5%	8,500	8,500	0	0.0%	
3.7%	8,500	8,500	0	0.0%	
4.9%	8,500	8,500	0	0.0%	
6.2%	8,500	8,500	0	0.0%	
7.4%	8,500	8,500	0	0.0%	
8.6%	8,437	8,500	63	0.0%	
9.9%	8,437	8,437	0	0.0%	
11.1%	8,259	8,437	179	2.2%	
12.3%	7,329	8,233	905	12.3%	
13.6%	7,201	7,952	751	10.4%	
14.8%	6,785	7,835	1,050	15.5%	
16.0%	6,694	7,329	634	9.5%	
17.3%	6,505	7,312	807	12.4%	
18.5%	6,311	6,530	219	3.5%	
19.8%	6,192	6,311	118	1.9%	
21.0%	6,178	6,199	20	0.3%	
22.2%	6,037	6,161	144	2.4%	
23.5%	5,958	6,178	220	3.7%	
24.7%	5,518	6,012	494	8.9%	
25.9%	5,344	5,936	591	11.1%	
27.2%	5,287	5,924	637	12.0%	
28.4%	5,203	5,192	-11	-0.2%	
29.6%	4,792	4,710	-81	-1.7%	
30.9%	4,710	4,576	-135	-2.9%	
32.1%	4,576	4,566	-10	-0.2%	
33.3%	4,570	4,441	-129	-2.8%	
34.6%	4,441	4,149	-292	-6.6%	
35.8%	4,136	4,144	9	0.2%	
37.0%	4,086	4,086	0	0.0%	
38.3%	4,009	4,052	43	1.1%	
39.5%	4,007	4,009	2	0.1%	
40.7%	4,005	3,973	-32	-0.8%	
42.0%	3,973	3,973	0	0.0%	
43.2%	3,946	3,916	-30	-0.7%	
44.4%	3,922	3,630	-292	-7.4%	
45.7%	3,702	3,586	-115	-3.1%	
46.9%	3,670	3,484	-186	-5.1%	
48.1%	3,586	3,442	-145	-4.0%	
49.4%	3,485	3,406	-79	-2.3%	
50.6%	3,442	3,376	-66	-1.9%	
51.9%	3,376	3,347	-28	-0.8%	
53.1%	3,347	3,337	-10	-0.3%	
54.3%	3,337	3,319	-19	-0.6%	
55.6%	3,319	3,311	-8	-0.2%	
56.8%	3,243	3,212	-31	-1.0%	
58.0%	3,212	3,190	-22	-0.7%	
59.3%	3,074	3,182	108	3.5%	
60.5%	3,041	3,074	32	1.1%	
61.7%	2,996	2,996	0	0.0%	
63.0%	2,870	2,755	-115	-4.0%	
64.2%	2,619	2,619	0	0.0%	
65.4%	2,615	2,615	0	0.0%	
66.7%	2,581	2,607	26	1.0%	
67.9%	2,570	2,570	0	0.0%	
69.1%	2,566	2,566	0	0.0%	
70.4%	2,529	2,561	32	1.3%	
71.6%	2,525	2,536	11	0.4%	
72.8%	2,500	2,517	17	0.7%	
74.1%	2,499	2,499	0	0.0%	
75.3%	2,460	2,460	0	0.0%	
76.5%	2,415	2,415	0	0.0%	
77.8%	2,158	2,081	-77	-3.6%	
79.0%	2,081	2,046	-35	-1.7%	
80.2%	2,046	2,006	-40	-1.9%	
81.5%	1,952	1,952	0	0.0%	
82.7%	1,805	1,863	57	3.2%	
84.0%	1,790	1,805	16	0.9%	
85.2%	1,771	1,790	19	1.0%	
86.4%	1,708	1,771	63	3.7%	
87.7%	1,647	1,708	61	3.7%	
88.9%	1,568	1,610	42	2.7%	
90.1%	1,441	1,568	127	8.8%	
91.4%	1,418	1,441	23	1.6%	
92.6%	1,406	1,418	12	0.9%	
93.8%	1,347	1,347	0	0.0%	
95.1%	1,310	1,310	0	0.0%	
96.3%	1,228	1,228	0	0.0%	
97.5%	1,176	1,330	154	13.1%	
98.8%	300	300	0	0.0%	
100.0%	7	300	293		

March					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	7,561	7,561	0	0.0%	
1.2%	7,561	7,561	0	0.0%	
2.5%	7,561	7,561	0	0.0%	
3.7%	7,561	7,561	0	0.0%	
4.9%	7,561	7,561	0	0.0%	
6.2%	7,561	7,561	0	0.0%	
7.4%	7,561	7,561	0	0.0%	
8.6%	7,561	7,561	0	0.0%	
9.9%	7,561	7,561	0	0.0%	
11.1%	7,561	7,561	0	0.0%	
12.3%	7,485	7,485	0	0.0%	
13.6%	7,418	7,318	-100	-1.3%	
14.8%	7,318	7,122	-196	-2.7%	
16.0%	6,766	7,067	301	4.4%	
17.3%	6,448	6,448	0	0.0%	
18.5%	6,309	6,429	120	1.9%	
19.8%	6,296	6,295	-1	0.0%	
21.0%	6,287	6,288	1	0.0%	
22.2%	6,241	6,242	0	0.0%	
23.5%	6,234	6,235	1	0.0%	
24.7%	6,233	6,234	1	0.0%	
25.9%	6,160	6,160	0	0.0%	
27.2%	5,950	5,820	-14	-0.2%	
28.4%	5,820	5,820	0	0.0%	
29.6%	5,795	5,795	0	0.0%	
30.9%	5,678	5,634	-43	-0.8%	
32.1%	5,505	5,505	0	0.0%	
33.3%	5,484	5,202	-281	-5.1%	
34.6%	5,314	5,055	-259	-4.9%	
35.8%	5,227	4,852	-375	-7.2%	
37.0%	5,055	4,499	-555	-11.0%	
38.3%	4,852	4,219	-633	-13.0%	
39.5%	4,080	3,961	-119	-2.9%	
40.7%	3,961	3,893	-69	-1.7%	
42.0%	3,893	3,871	-22	-0.6%	
43.2%	3,870	3,859	-12	-0.3%	
44.4%	3,859	3,833	-26	-0.7%	
45.7%	3,835	3,825	-10	-0.3%	
46.9%	3,825	3,777	-47	-1.2%	
48.1%	3,777	3,757	-21	-0.5%	
49.4%	3,757	3,623	-134	-3.6%	
50.6%	3,623	3,595	-28	-0.8%	
51.9%	3,577	3,577	0	0.0%	
53.1%	3,548	3,548	0	0.0%	
54.3%	3,479	3,479	0	0.0%	
55.6%	3,445	3,445	0	0.0%	
56.8%	3,437	3,406	-31	-0.9%	
58.0%	3,417	3,404	-13	-0.4%	
59.3%	3,406	3,346	-61	-1.8%	
60.5%	3,404	3,257	-147	-4.3%	
61.7%	3,346	3,252	-94	-2.8%	
63.0%	3,295	3,217	-79	-2.4%	
64.2%	3,295	3,108	-187	-5.7%	
65.4%	3,286	2,888	-398	-12.1%	
66.7%	3,252	2,844	-408	-12.6%	
67.9%	3,108	2,770	-339	-10.9%	
69.1%	2,888	2,758	-130	-4.5%	
70.4%	2,844	2,725	-119	-4.2%	
71.6%	2,758	2,715	-43	-1.6%	
72.8%	2,715	2,581	-134	-4.9%	
74.1%	2,583	2,543	-41	-1.6%	
75.3%	2,581	2,536	-45	-1.7%	
76.5%	2,551	2,531	-20	-0.8%	
77.8%	2,536	2,438	-98	-3.9%	
79.0%	2,531	2,385	-146	-5.8%	
80.2%	2,438	2,343	-95	-3.9%	
81.5%	2,385	2,327	-58	-2.4%	
82.7%	2,376	2,283	-94	-3.9%	
84.0%	2,343	1,981	-362	-15.4%	
85.2%	2,327	1,774	-554	-23.8%	
86.4%	1,774	1,662	-112	-6.3%	
87.7%	1,662	1,447	-215	-12.9%	
88.9%	1,447	1,262	-185	-12.8%	
90.1%	1,359	1,235	-124	-9.1%	
91.4%	1,235	1,143	-92	-7.5%	
92.6%	1,139	1,139	0	0.0%	
93.8%	1,039	1,039	0	0.0%	
95.1%	943	943	0	0.0%	
96.3%	857	852	-5	-0.5%	
97.5%	852	821	-31	-3.7%	
98.8%	300	300	0	0.0%	
100.0%	300	300	0	0.0%	

April					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	6,125	6,125	0	0.0%	
1.2%	6,125	6,125	0	0.0%	
2.5%	3,367	3,364	-2	-0.1%	
3.7%	2,622	2,599	-23	-0.9%	
4.9%	2,489	2,485	-4	-0.2%	
6.2%	2,249	2,250	1	0.0%	
7.4%	2,137	2,129	-8	-0.4%	
8.6%	2,057	2,049	-8	-0.4%	
9.9%	1,973	1,952	-21	-1.1%	
11.1%	1,952	1,902	-50	-2.6%	
12.3%	1,862	1,855	-7	-0.4%	
13.6%	1,768	1,800	33	1.9%	
14.8%	1,761	1,769	7	0.4%	
16.0%	1,744	1,737	-8	-0.4%	
17.3%	1,639	1,639	0	0.0%	
18.5%	1,637	1,632	-5	-0.3%	
19.8%	1,624	1,624	0	0.0%	
21.0%	1,485	1,485	0	0.0%	
22.2%	1,477	1,477	0	0.0%	
23.5%	1,456	1,429	-27	-1.9%	
24.7%	1,437	1,411	-27	-1.9%	
25.9%	1,411	1,395	-16	-1.1%	
27.2%	1,395	1,394	-1	-0.1%	
28.4%	1,394	1,394	0	0.0%	
29.6%	1,391	1,389	-2	-0.2%	
30.9%	1,340	1,340	0	0.0%	
32.1%	1,335	1,335	0	0.0%	
33.3%	1,329	1,329	0	0.0%	
34.6%	1,323	1,320	-3	-0.3%	
35.8%	1,254	1,254	0	0.0%	
37.0%	1,252	1,248	-4	-0.3%	
38.3%	1,237	1,235	-2	-0.2%	
39.5%	1,235	1,230	-5	-0.4%	
40.7%	1,230	1,218	-11	-0.9%	
42.0%	1,218	1,218	0	0.0%	
43.2%	1,195	1,195	0	0.0%	
44.4%	1,175	1,175	0	0.0%	
45.7%	1,130	1,130	0	0.0%	
46.9%	1,114	1,114	0	0.0%	
48.1%	1,104	1,086	-18	-1.7%	
49.4%	1,070	1,070	0	0.0%	
50.6%	1,070	1,046	-24	-2.3%	
51.9%	1,046	1,038	-7	-0.7%	
53.1%	1,038	1,030	-9	-0.8%	
54.3%	1,030	1,029	-1	0.0%	
55.6%	1,029	1,028	-1	-0.1%	
56.8%	1,028	1,014	-14	-1.4%	
58.0%	1,014	999	-15	-1.4%	
59.3%	1,007	980	-27	-2.7%	
60.5%	980	974	-6	-0.6%	
61.7%	974	967	-7	-0.7%	
63.0%	967	938	-29	-3.0%	
64.2%	938	924	-14	-1.5%	
65.4%	924	923	-1	-0.1%	
66.7%	923	911	-12	-1.3%	
67.9%	892	892	0	0.0%	
69.1%	892	892	0	0.0%	
70.4%	881	872	-9	-1.1%	
71.6%	872	840	-32	-3.7%	
72.8%	868	792	-76	-8.7%	
74.1%	852	773	-79	-9.3%	
75.3%	840	757	-84	-9.9%	
76.5%	757	745			

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

June					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	6,680	6,680	0	0.0%	
1.2%	6,680	6,179	-501	-7.5%	
2.5%	6,111	6,064	-46	-0.8%	
3.7%	5,959	5,714	-245	-4.1%	
4.9%	5,455	5,119	-336	-6.2%	
6.2%	4,262	4,161	-101	-2.4%	
7.4%	4,183	3,917	-265	-6.3%	
8.6%	3,907	3,907	0	0.0%	
9.9%	3,452	3,741	289	8.4%	
11.1%	3,202	3,729	527	16.4%	
12.3%	3,170	3,318	148	4.7%	
13.6%	3,118	3,297	179	5.7%	
14.8%	3,055	3,158	103	3.4%	
16.0%	2,951	3,117	166	5.6%	
17.3%	2,930	3,018	87	3.0%	
18.5%	2,912	2,981	69	2.4%	
19.8%	2,911	2,917	6	0.2%	
21.0%	2,853	2,911	58	2.0%	
22.2%	2,775	2,929	52	1.9%	
23.5%	2,730	2,823	93	3.4%	
24.7%	2,727	2,823	96	3.5%	
25.9%	2,665	2,786	120	4.5%	
27.2%	2,618	2,727	109	4.2%	
28.4%	2,545	2,722	177	7.0%	
29.6%	2,543	2,721	177	7.0%	
30.9%	2,514	2,691	177	7.0%	
32.1%	2,509	2,622	113	4.5%	
33.3%	2,439	2,614	175	7.2%	
34.6%	2,424	2,605	181	7.5%	
35.8%	2,423	2,596	174	7.2%	
37.0%	2,352	2,547	195	8.3%	
38.3%	2,312	2,509	197	8.5%	
39.5%	2,128	2,353	225	10.6%	
40.7%	2,039	2,340	301	14.8%	
42.0%	2,005	2,310	305	15.2%	
43.2%	1,908	2,282	352	18.5%	
44.4%	1,878	2,188	309	16.5%	
45.7%	1,876	2,049	173	9.2%	
46.9%	1,873	2,039	166	8.8%	
48.1%	1,855	1,909	54	2.9%	
49.4%	1,850	1,973	23	1.2%	
50.6%	1,833	1,855	22	1.2%	
51.9%	1,816	1,850	35	1.9%	
53.1%	1,770	1,833	63	3.5%	
54.3%	1,733	1,825	92	5.3%	
55.6%	1,725	1,800	75	4.4%	
56.8%	1,722	1,789	67	3.9%	
58.0%	1,705	1,737	32	1.9%	
59.3%	1,693	1,727	34	2.0%	
60.5%	1,678	1,725	47	2.8%	
61.7%	1,668	1,722	54	3.2%	
63.0%	1,663	1,693	30	1.8%	
64.2%	1,661	1,688	27	1.6%	
65.4%	1,653	1,678	25	1.5%	
66.7%	1,650	1,668	18	1.1%	
67.9%	1,618	1,661	43	2.6%	
69.1%	1,590	1,653	63	4.0%	
70.4%	1,540	1,650	110	7.2%	
71.6%	1,520	1,635	115	7.5%	
72.8%	1,493	1,618	125	8.4%	
74.1%	1,396	1,610	215	15.4%	
75.3%	1,312	1,606	294	22.4%	
76.5%	1,222	1,540	318	26.0%	
77.8%	1,222	1,533	311	25.4%	
79.0%	1,206	1,520	314	26.1%	
80.2%	1,122	1,455	333	29.7%	
81.5%	827	1,365	538	65.0%	
82.7%	300	503	203	67.8%	
84.0%	300	300	0	0.0%	
85.2%	300	300	0	0.0%	
86.4%	300	300	0	0.0%	
87.7%	300	300	0	0.0%	
88.9%	300	300	0	0.0%	
90.1%	300	300	0	0.0%	
91.4%	300	300	0	0.0%	
92.6%	300	300	0	0.0%	
93.8%	300	289	-11	-3.5%	
95.1%	262	262	0	-0.2%	
96.3%	226	236	10	4.3%	
97.5%	201	226	25	12.6%	
98.8%	90	86	-4		
100.0%	47	68	20		

July					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	7,039	7,180	141	2.0%	
1.2%	7,111	7,039	-72	-1.0%	
2.5%	7,005	7,039	34	0.5%	
3.7%	7,005	7,039	34	0.5%	
4.9%	7,005	7,005	0	0.0%	
6.2%	6,959	7,005	46	0.7%	
7.4%	6,926	7,005	79	1.1%	
8.6%	6,922	7,005	83	1.2%	
9.9%	6,922	6,970	48	0.7%	
11.1%	6,922	6,959	37	0.5%	
12.3%	6,922	6,959	37	0.5%	
13.6%	6,922	6,926	4	0.1%	
14.8%	6,922	6,922	0	0.0%	
16.0%	6,921	6,922	1	0.0%	
17.3%	6,913	6,922	9	0.1%	
18.5%	6,905	6,922	18	0.3%	
19.8%	6,871	6,922	52	0.8%	
21.0%	6,869	6,922	53	0.8%	
22.2%	6,869	6,922	55	0.8%	
23.5%	6,837	6,921	84	1.2%	
24.7%	6,836	6,913	77	1.1%	
25.9%	6,828	6,907	79	1.2%	
27.2%	6,825	6,882	57	0.8%	
28.4%	6,824	6,879	55	0.8%	
29.6%	6,819	6,875	57	0.8%	
30.9%	6,808	6,869	61	0.9%	
32.1%	6,792	6,868	76	1.1%	
33.3%	6,790	6,855	65	1.0%	
34.6%	6,790	6,836	46	0.7%	
35.8%	6,788	6,825	37	0.5%	
37.0%	6,782	6,824	41	0.6%	
38.3%	6,779	6,819	40	0.6%	
39.5%	6,778	6,808	30	0.4%	
40.7%	6,778	6,799	21	0.3%	
42.0%	6,773	6,792	19	0.3%	
43.2%	6,768	6,790	24	0.4%	
44.4%	6,760	6,790	30	0.4%	
45.7%	6,756	6,788	32	0.5%	
46.9%	6,752	6,782	30	0.4%	
48.1%	6,738	6,779	40	0.6%	
49.4%	6,734	6,778	44	0.7%	
50.6%	6,731	6,778	47	0.7%	
51.9%	6,718	6,773	55	0.8%	
53.1%	6,716	6,766	49	0.7%	
54.3%	6,711	6,760	50	0.7%	
55.6%	6,680	6,752	72	1.1%	
56.8%	6,680	6,749	69	1.0%	
58.0%	6,680	6,738	58	0.9%	
59.3%	6,680	6,734	54	0.8%	
60.5%	6,680	6,731	51	0.8%	
61.7%	6,660	6,718	57	0.9%	
63.0%	6,648	6,716	68	1.0%	
64.2%	6,296	6,680	384	6.1%	
65.4%	6,225	6,680	455	7.3%	
66.7%	6,205	6,680	475	7.6%	
67.9%	6,171	6,487	317	5.1%	
69.1%	6,124	6,360	236	3.9%	
70.4%	5,994	6,290	295	4.9%	
71.6%	5,994	6,114	121	2.0%	
72.8%	5,695	6,060	366	6.4%	
74.1%	5,559	5,971	412	7.4%	
75.3%	5,480	5,949	469	8.6%	
76.5%	5,382	5,815	433	8.1%	
77.8%	5,093	5,766	673	13.2%	
79.0%	4,671	5,613	942	20.2%	
80.2%	4,444	5,334	890	20.0%	
81.5%	4,290	5,287	997	23.2%	
82.7%	4,125	4,973	848	20.6%	
84.0%	3,844	4,961	1,117	29.1%	
85.2%	3,592	4,954	1,363	37.9%	
86.4%	2,998	4,849	2,251	86.6%	
87.7%	2,124	4,440	2,316	109.0%	
88.9%	1,671	4,417	2,746	164.3%	
90.1%	1,658	4,144	2,486	150.0%	
91.4%	1,322	3,376	2,054	155.3%	
92.6%	1,147	1,889	742	64.7%	
93.8%	831	1,607	777	93.5%	
95.1%	614	1,454	840	136.7%	
96.3%	579	1,315	736	127.0%	
97.5%	658	676	118	21.1%	
98.8%	469	548	79	16.9%	
100.0%	300	300	0	0.0%	

August					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	7,039	7,063	24	0.3%	
1.2%	7,005	7,039	34	0.5%	
2.5%	6,959	7,020	62	0.9%	
3.7%	6,938	6,959	21	0.3%	
4.9%	6,938	6,938	0	0.0%	
6.2%	6,937	6,938	0	0.0%	
7.4%	6,926	6,937	12	0.2%	
8.6%	6,925	6,925	1	0.0%	
9.9%	6,925	6,925	0	0.0%	
11.1%	6,922	6,925	2	0.0%	
12.3%	6,922	6,922	0	0.0%	
13.6%	6,922	6,922	0	0.0%	
14.8%	6,922	6,922	0	0.0%	
16.0%	6,921	6,921	0	0.0%	
17.3%	6,919	6,919	0	0.0%	
18.5%	6,918	6,894	-24	-0.3%	
19.8%	6,894	6,888	-6	-0.1%	
21.0%	6,876	6,876	0	0.0%	
22.2%	6,874	6,874	0	0.0%	
23.5%	6,873	6,873	0	0.0%	
24.7%	6,871	6,871	0	0.0%	
25.9%	6,868	6,864	-3	0.0%	
27.2%	6,864	6,860	-4	-0.1%	
28.4%	6,860	6,860	0	0.0%	
29.6%	6,855	6,855	-3	0.0%	
30.9%	6,855	6,850	-5	-0.1%	
32.1%	6,850	6,848	-3	0.0%	
33.3%	6,848	6,845	-2	0.0%	
34.6%	6,845	6,839	-6	-0.1%	
35.8%	6,839	6,833	-6	-0.1%	
37.0%	6,833	6,832	-1	0.0%	
38.3%	6,832	6,830	-1	0.0%	
39.5%	6,830	6,829	-1	0.0%	
40.7%	6,829	6,829	0	0.0%	
42.0%	6,828	6,828	0	0.0%	
43.2%	6,828	6,828	-2	0.0%	
44.4%	6,825	6,814	-11	-0.2%	
45.7%	6,814	6,813	-1	0.0%	
46.9%	6,813	6,806	-7	-0.1%	
48.1%	6,806	6,806	0	0.0%	
49.4%	6,805	6,805	-1	0.0%	
50.6%	6,805	6,800	-5	-0.1%	
51.9%	6,800	6,798	-3	0.0%	
53.1%	6,798	6,793	-5	-0.1%	
54.3%	6,793	6,789	-4	-0.1%	
55.6%	6,789	6,779	-9	-0.1%	
56.8%	6,779	6,776	-3	0.0%	
58.0%	6,776	6,774	-2	0.0%	
59.3%	6,774	6,759	-15	-0.2%	
60.5%	6,759	6,757	-3	0.0%	
61.7%	6,757	6,745	-12	-0.2%	
63.0%	6,680	6,680	0	0.0%	
64.2%	6,422	6,534	112	1.7%	
65.4%	6,188	5,798	-390	-6.3%	
66.7%	6,412	5,729	-917	-19.1%	
67.9%	6,749	5,681	-912	-19.2%	
69.1%	4,670	5,256	586	12.5%	
70.4%	4,634	4,978	344	7.4%	
71.6%	4,491	4,603	112	2.5%	
72.8%	3,159	4,045	886	28.0%	
74.1%	2,740	3,911			

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

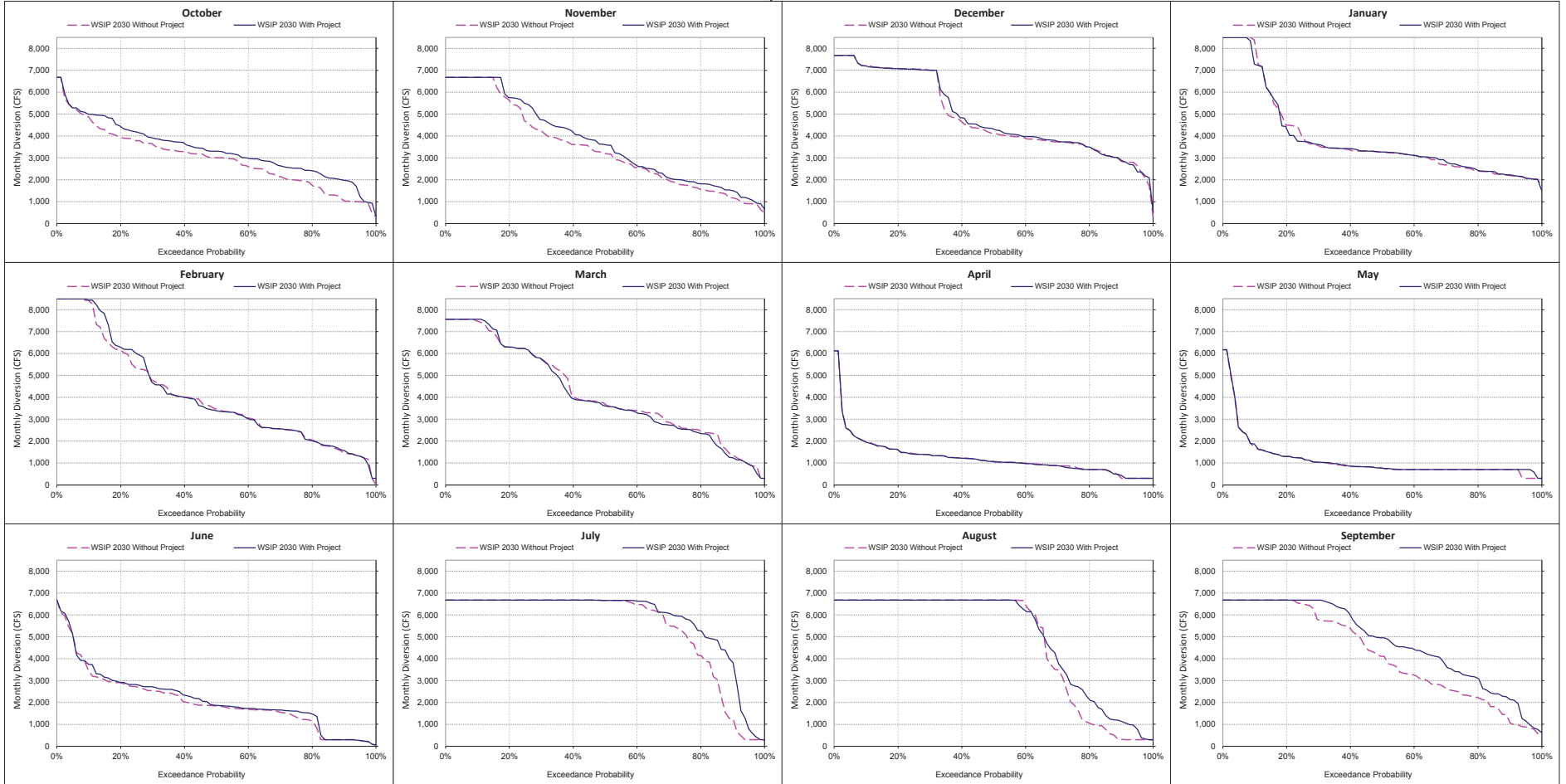


Table SW-39-b
Banks Pumping Plant (SWP), Monthly Diversion
Probability of Exceedance

Percent Exceedance Probability (%)	October				
	WSIP 2030 Without Project	WSIP 2030 With Project	Absolute Difference (CFS)	Relative Difference (%)	
	Monthly Diversion (CFS)	Monthly Diversion (CFS)			
0.0%	6,680	6,680	0	0.0%	
1.2%	6,680	6,680	0	0.0%	
2.5%	5,704	5,915	211	3.7%	
3.7%	5,461	5,481	21	0.4%	
4.9%	5,269	5,283	14	0.3%	
6.2%	5,189	5,281	91	1.8%	
7.4%	5,039	5,119	80	1.6%	
8.6%	4,945	5,089	144	2.9%	
9.9%	4,877	4,989	112	2.3%	
11.1%	4,635	4,987	353	7.6%	
12.3%	4,458	4,959	501	11.2%	
13.8%	4,331	4,941	610	14.1%	
14.8%	4,303	4,926	622	14.5%	
16.0%	4,137	4,829	692	16.7%	
17.3%	4,095	4,809	714	17.4%	
18.5%	4,025	4,534	509	12.6%	
19.8%	3,953	4,457	505	12.8%	
21.0%	3,897	4,318	422	10.8%	
22.2%	3,887	3,972	86	2.2%	
23.5%	3,880	4,231	352	9.1%	
24.7%	3,785	4,191	405	10.7%	
25.9%	3,783	4,137	354	9.4%	
27.2%	3,676	4,093	417	11.4%	
28.4%	3,667	3,958	290	7.9%	
29.6%	3,659	3,921	262	7.2%	
30.9%	3,528	3,879	351	9.9%	
32.1%	3,501	3,854	353	10.1%	
33.3%	3,404	3,800	395	11.6%	
34.6%	3,364	3,792	428	12.7%	
35.8%	3,360	3,763	413	12.3%	
37.0%	3,333	3,727	394	11.8%	
38.3%	3,297	3,716	419	12.7%	
39.5%	3,288	3,708	419	12.8%	
40.7%	3,273	3,580	307	9.4%	
42.0%	3,195	3,540	345	10.8%	
43.2%	3,184	3,481	297	9.3%	
44.4%	3,174	3,450	276	8.7%	
45.7%	3,169	3,383	214	6.8%	
46.9%	3,062	3,327	266	8.7%	
48.1%	3,009	3,307	298	9.9%	
49.4%	3,008	3,305	297	9.9%	
50.6%	3,007	3,302	295	9.8%	
51.9%	3,004	3,278	275	9.1%	
53.1%	2,964	3,212	248	8.4%	
54.3%	2,960	3,205	245	8.3%	
55.6%	2,947	3,170	223	7.6%	
56.8%	2,945	3,134	189	6.4%	
58.0%	2,865	3,017	152	5.3%	
59.3%	2,647	3,007	359	13.6%	
60.5%	2,562	2,966	404	15.8%	
61.7%	2,523	2,952	429	17.0%	
63.0%	2,508	2,949	441	17.6%	
64.2%	2,498	2,880	382	15.3%	
65.4%	2,423	2,858	435	18.0%	
66.7%	2,279	2,846	567	24.9%	
67.9%	2,260	2,768	507	22.4%	
69.1%	2,158	2,650	502	23.3%	
70.4%	2,131	2,625	494	23.2%	
71.6%	2,045	2,575	530	25.9%	
72.8%	2,003	2,556	553	27.6%	
74.1%	1,996	2,528	532	26.7%	
75.3%	1,979	2,527	548	27.7%	
76.5%	1,960	2,513	553	28.2%	
77.8%	1,930	2,432	501	26.0%	
79.0%	1,891	2,427	536	28.3%	
80.2%	1,714	2,405	691	40.3%	
81.5%	1,682	2,360	679	40.4%	
82.7%	1,616	2,254	648	40.1%	
84.0%	1,352	2,142	790	58.4%	
85.2%	1,306	2,080	774	59.2%	
86.4%	1,299	2,074	775	59.7%	
87.7%	1,288	2,047	758	58.9%	
88.9%	1,154	2,012	858	74.3%	
90.1%	1,023	1,968	945	92.4%	
91.4%	1,019	1,951	931	91.4%	
92.6%	1,011	1,891	880	87.0%	
93.8%	1,000	1,709	709	70.9%	
95.1%	997	1,221	224	22.4%	
96.3%	968	1,000	32	3.3%	
97.5%	931	969	38	4.1%	
98.8%	474	926	452	95.2%	
100.0%	300	332	32	10.5%	

Percent Exceedance Probability (%)	November				
	WSIP 2030 Without Project	WSIP 2030 With Project	Absolute Difference (CFS)	Relative Difference (%)	
	Monthly Diversion (CFS)	Monthly Diversion (CFS)			
0.0%	6,680	6,680	0	0.0%	
1.2%	6,680	6,680	0	0.0%	
2.5%	6,680	6,680	0	0.0%	
3.7%	6,680	6,680	0	0.0%	
4.9%	6,680	6,680	0	0.0%	
6.2%	6,680	6,680	0	0.0%	
7.4%	6,680	6,680	0	0.0%	
8.6%	6,680	6,680	0	0.0%	
9.9%	6,680	6,680	0	0.0%	
11.1%	6,680	6,680	0	0.0%	
12.3%	6,680	6,680	0	0.0%	
13.8%	6,680	6,680	0	0.0%	
14.8%	6,680	6,680	0	0.0%	
16.0%	6,217	6,089	-128	-2.1%	
17.3%	5,915	6,680	765	12.9%	
18.5%	5,788	5,928	140	2.4%	
19.8%	5,667	5,752	85	1.5%	
21.0%	5,432	5,745	313	5.8%	
22.2%	5,409	5,719	310	5.7%	
23.5%	5,263	5,670	406	7.7%	
24.7%	4,704	5,500	796	16.9%	
25.9%	4,571	5,435	863	18.9%	
27.2%	4,415	5,281	866	19.6%	
28.4%	4,302	4,994	692	16.1%	
29.6%	4,292	4,751	458	10.7%	
30.9%	4,121	4,721	600	14.5%	
32.1%	3,983	4,621	637	16.0%	
33.3%	3,954	4,502	548	13.8%	
34.6%	3,921	4,437	516	13.2%	
35.8%	3,842	4,412	570	14.8%	
37.0%	3,780	4,385	605	16.0%	
38.3%	3,723	4,322	598	16.1%	
39.5%	3,613	4,237	624	17.3%	
40.7%	3,603	4,061	458	12.7%	
42.0%	3,540	4,003	463	13.1%	
43.2%	3,582	3,942	360	10.0%	
44.4%	3,571	3,868	297	8.3%	
45.7%	3,394	3,831	437	12.9%	
46.9%	3,292	3,803	511	15.5%	
48.1%	3,280	3,827	547	16.7%	
49.4%	3,213	3,815	602	18.8%	
50.6%	3,188	3,588	399	12.5%	
51.9%	3,162	3,568	406	12.8%	
53.1%	3,212	3,227	15	0.5%	
54.3%	2,895	3,202	307	10.6%	
55.6%	2,822	3,104	282	10.0%	
56.8%	2,737	2,968	230	8.4%	
58.0%	2,715	2,829	114	4.2%	
59.3%	2,561	2,707	146	5.7%	
60.5%	2,558	2,606	48	1.9%	
61.7%	2,535	2,605	70	2.7%	
63.0%	2,483	2,521	38	1.5%	
64.2%	2,314	2,499	185	8.0%	
65.4%	2,290	2,464	174	7.6%	
66.7%	2,235	2,324	89	4.0%	
67.9%	2,075	2,294	219	10.6%	
69.1%	2,036	2,127	91	4.5%	
70.4%	1,937	2,058	120	6.2%	
71.6%	1,890	2,017	127	6.7%	
72.8%	1,790	2,006	216	12.1%	
74.1%	1,770	1,991	221	12.5%	
75.3%	1,745	1,953	208	11.9%	
76.5%	1,742	1,910	168	9.6%	
77.8%	1,657	1,906	249	15.0%	
79.0%	1,625	1,826	201	12.3%	
80.2%	1,532	1,814	282	18.4%	
81.5%	1,520	1,814	293	19.3%	
82.7%	1,480	1,790	309	20.9%	
84.0%	1,474	1,727	253	17.2%	
85.2%	1,405	1,688	284	20.2%	
86.4%	1,397	1,638	241	17.2%	
87.7%	1,356	1,535	179	13.2%	
88.9%	1,183	1,531	348	29.4%	
90.1%	1,171	1,469	328	28.0%	
91.4%	1,115	1,427	311	27.8%	
92.6%	1,008	1,199	192	19.0%	
93.8%	912	1,197	285	31.2%	
95.1%	908	1,131	225	24.8%	
96.3%	898	1,056	158	17.5%	
97.5%	893	993	100	11.2%	
98.8%	640	905	265	41.4%	
100.0%	470	647	177	37.5%	

Percent Exceedance Probability (%)	December				
	WSIP 2030 Without Project	WSIP 2030 With Project	Absolute Difference (CFS)	Relative Difference (%)	
	Monthly Diversion (CFS)	Monthly Diversion (CFS)			
0.0%	7,678	7,678	0	0.0%	
1.2%	7,678	7,678	0	0.0%	
2.5%	7,678	7,678	0	0.0%	
3.7%	7,678	7,678	0	0.0%	
4.9%	7,678	7,678	0	0.0%	
6.2%	7,678	7,678	0	0.0%	
7.4%	7,328	7,328	0	0.0%	
8.6%	7,210	7,208	-2	-0.0%	
9.9%	7,208	7,204	-4	-0.0%	
11.1%	7,204	7,148	-56	-0.8%	
12.3%	7,148	7,142	-6	-0.1%	
13.8%	7,142	7,125	-17	-0.2%	
14.8%	7,125	7,112	-13	-0.2%	
16.0%	7,112	7,089	-24	-0.3%	
17.3%	7,106	7,086	-20	-0.3%	
18.5%	7,089	7,077	-12	-0.2%	
19.8%	7,086	7,072	-14	-0.2%	
21.0%	7,077	7,065	-12	-0.2%	
22.2%	7,072	7,063	-9	-0.1%	
23.5%	7,065	7,054	-10	-0.1%	
24.7%	7,063	7,053	-10	-0.1%	
25.9%	7,054	7,042	-12	-0.2%	
27.2%	7,053	7,022	-31	-0.4%	
28.4%	7,042	7,016	-26	-0.4%	
29.6%	7,016	7,005	-11	-0.2%	
30.9%	7,004	7,004	0	0.0%	
32.1%	6,999	6,999	0	0.0%	
33.3%	6,999	6,999	0	0.0%	
34.6%	6,999	6,999	0	0.0%	
35.8%	6,999	6,999	0	0.0%	
37.0%	6,999	6,999	0	0.0%	
38.3%	6,999	6,999	0	0.0%	
39.5%	6,999	6,999	0	0.0%	
40.7%	6,999	6,999	0	0.0%	
42.0%	6,999	6,999	0	0.0%	
43.2%	6,999	6,999	0	0.0%	
44.4%	6,999	6,999	0	0.0%	
45.7%	6,999	6,999	0	0.0%	
46.9%	6,999	6,999	0	0.0%	
48.1%	6,999	6,999	0	0.0%	
49.4%	6,999	6,999	0	0.0%	
50.6%	6,999	6,999	0	0.0%	
51.9%	6,999	6,999	0	0.0%	
53.1%	6,999	6,999	0	0.0%	
54.3%	6,999	6,999	0	0.0%	
55.6%	6,999	6,999	0	0.0%	
56.8%	6,999	6,999	0	0.0%	
58.0%	6,999	6,999	0	0.0%	
59.3%	6,999	6,999	0	0.0%	
60.5%	6,999	6,999	0	0.0%	
61.7%	6,999	6,999	0	0.0%	
63.0%	6,999	6,999	0	0.0%	
64.2%	6,999	6,999	0	0.0%	
65.4%	6,999	6,999	0	0.0%	
66.7%	6,999	6,999	0	0.0%	
67.9%	6,999	6,			

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

February					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	8,500	8,500	0	0.0%	
1.2%	8,500	8,500	0	0.0%	
2.5%	8,500	8,500	0	0.0%	
3.7%	8,500	8,500	0	0.0%	
4.9%	8,500	8,500	0	0.0%	
6.2%	8,500	8,500	0	0.0%	
7.4%	8,500	8,500	0	0.0%	
8.6%	8,437	8,500	63	0.0%	
9.9%	8,437	8,437	0	0.0%	
11.1%	8,259	8,437	179	2.2%	
12.3%	7,329	8,233	905	12.3%	
13.6%	7,201	7,952	751	10.4%	
14.8%	6,694	7,835	1,140	14.8%	
16.0%	6,505	7,329	824	12.7%	
17.3%	6,311	6,530	219	3.5%	
18.5%	6,192	6,369	177	2.9%	
19.8%	6,178	6,311	132	2.1%	
21.0%	6,037	6,199	162	2.7%	
22.2%	5,958	6,161	223	3.7%	
23.5%	5,818	6,178	660	12.0%	
24.7%	5,344	6,012	667	12.5%	
25.9%	5,287	5,936	649	12.3%	
27.2%	5,269	5,920	651	10.5%	
28.4%	5,203	5,192	-11	-0.2%	
29.6%	4,792	4,710	-81	-1.7%	
30.9%	4,710	4,576	-135	-2.9%	
32.1%	4,576	4,566	-10	-0.2%	
33.3%	4,570	4,441	-129	-2.8%	
34.6%	4,441	4,149	-292	-6.6%	
35.8%	4,136	4,144	9	0.2%	
37.0%	4,086	4,086	0	0.0%	
38.3%	4,009	4,052	43	1.1%	
39.5%	4,007	4,009	2	0.1%	
40.7%	4,005	3,973	-32	-0.8%	
42.0%	3,973	3,973	-28	-0.7%	
43.2%	3,946	3,916	-30	-0.7%	
44.4%	3,922	3,630	-292	-7.4%	
45.7%	3,702	3,586	-115	-3.1%	
46.9%	3,670	3,484	-186	-5.1%	
48.1%	3,586	3,442	-145	-4.0%	
49.4%	3,485	3,406	-79	-2.3%	
50.6%	3,442	3,376	-66	-1.9%	
51.9%	3,376	3,347	-28	-0.8%	
53.1%	3,347	3,337	-10	-0.3%	
54.3%	3,337	3,319	-19	-0.6%	
55.6%	3,319	3,311	-8	-0.2%	
56.8%	3,243	3,212	-31	-1.0%	
58.0%	3,212	3,182	-30	-0.9%	
59.3%	3,074	3,074	0	0.0%	
60.5%	3,041	2,983	-58	-1.9%	
61.7%	2,996	2,968	-27	-0.9%	
63.0%	2,870	2,755	-115	-4.0%	
64.2%	2,619	2,619	0	0.0%	
65.4%	2,615	2,615	0	0.0%	
66.7%	2,581	2,607	26	1.0%	
67.9%	2,570	2,570	0	0.0%	
69.1%	2,566	2,566	0	0.0%	
70.4%	2,529	2,561	32	1.3%	
71.6%	2,525	2,536	11	0.4%	
72.8%	2,500	2,517	17	0.7%	
74.1%	2,499	2,499	0	0.0%	
75.3%	2,460	2,460	0	0.0%	
76.5%	2,415	2,415	0	0.0%	
77.8%	2,158	2,081	-77	-3.6%	
79.0%	2,081	2,046	-35	-1.7%	
80.2%	2,046	2,006	-40	-1.9%	
81.5%	1,952	1,952	0	0.0%	
82.7%	1,805	1,863	57	3.2%	
84.0%	1,790	1,805	16	0.9%	
85.2%	1,771	1,790	19	1.0%	
86.4%	1,708	1,771	63	3.7%	
87.7%	1,647	1,708	61	3.7%	
88.9%	1,568	1,610	42	2.7%	
90.1%	1,441	1,568	127	8.8%	
91.4%	1,418	1,441	23	1.6%	
92.6%	1,406	1,418	12	0.9%	
93.8%	1,347	1,347	0	0.0%	
95.1%	1,310	1,310	0	0.0%	
96.3%	1,228	1,228	0	0.0%	
97.5%	1,176	930	-246	-20.9%	
98.8%	300	300	0	0.0%	
100.0%	7	300	293		

March					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	7,561	7,561	0	0.0%	
1.2%	7,561	7,561	0	0.0%	
2.5%	7,561	7,561	0	0.0%	
3.7%	7,561	7,561	0	0.0%	
4.9%	7,561	7,561	0	0.0%	
6.2%	7,561	7,561	0	0.0%	
7.4%	7,561	7,561	0	0.0%	
8.6%	7,561	7,561	0	0.0%	
9.9%	7,485	7,561	75	1.0%	
11.1%	7,418	7,561	143	1.9%	
12.3%	7,318	7,485	167	2.3%	
13.6%	7,043	7,318	275	3.9%	
14.8%	7,003	7,122	119	1.7%	
16.0%	6,766	7,067	301	4.4%	
17.3%	6,448	6,448	0	0.0%	
18.5%	6,309	6,309	0	0.0%	
19.8%	6,296	6,295	-1	0.0%	
21.0%	6,287	6,288	1	0.0%	
22.2%	6,241	6,242	0	0.0%	
23.5%	6,234	6,235	1	0.0%	
24.7%	6,233	6,234	1	0.0%	
25.9%	6,160	6,160	0	0.0%	
27.2%	5,950	5,924	-26	-0.4%	
28.4%	5,820	5,820	0	0.0%	
29.6%	5,795	5,795	0	0.0%	
30.9%	5,634	5,634	-43	-0.8%	
32.1%	5,505	5,505	0	0.0%	
33.3%	5,484	5,202	-281	-5.1%	
34.6%	5,314	5,055	-259	-4.9%	
35.8%	5,227	4,852	-375	-7.2%	
37.0%	5,055	4,499	-555	-11.0%	
38.3%	4,852	4,219	-633	-13.0%	
39.5%	4,080	3,961	-119	-2.9%	
40.7%	3,961	3,893	-69	-1.7%	
42.0%	3,893	3,871	-22	-0.6%	
43.2%	3,870	3,859	-11	-0.3%	
44.4%	3,859	3,833	-26	-0.7%	
45.7%	3,835	3,825	-10	-0.3%	
46.9%	3,825	3,777	-47	-1.2%	
48.1%	3,777	3,757	-21	-0.5%	
49.4%	3,757	3,623	-134	-3.6%	
50.6%	3,623	3,595	-28	-0.8%	
51.9%	3,577	3,577	0	0.0%	
53.1%	3,548	3,548	0	0.0%	
54.3%	3,479	3,479	0	0.0%	
55.6%	3,445	3,445	0	0.0%	
56.8%	3,437	3,406	-31	-0.9%	
58.0%	3,417	3,404	-13	-0.4%	
59.3%	3,406	3,346	-61	-1.8%	
60.5%	3,404	3,257	-147	-4.3%	
61.7%	3,346	3,252	-94	-2.8%	
63.0%	3,295	3,217	-79	-2.4%	
64.2%	3,295	3,108	-187	-5.7%	
65.4%	3,286	2,888	-398	-12.1%	
66.7%	3,252	2,844	-408	-12.6%	
67.9%	3,108	2,770	-339	-10.9%	
69.1%	2,888	2,758	-130	-4.5%	
70.4%	2,844	2,725	-119	-4.2%	
71.6%	2,758	2,715	-43	-1.6%	
72.8%	2,715	2,581	-134	-4.9%	
74.1%	2,583	2,543	-41	-1.6%	
75.3%	2,581	2,536	-45	-1.7%	
76.5%	2,551	2,531	-20	-0.8%	
77.8%	2,536	2,438	-98	-3.9%	
79.0%	2,531	2,385	-146	-5.8%	
80.2%	2,438	2,343	-95	-3.9%	
81.5%	2,385	2,327	-58	-2.4%	
82.7%	2,376	2,283	-94	-3.9%	
84.0%	2,343	1,981	-362	-15.4%	
85.2%	2,327	1,774	-554	-23.8%	
86.4%	1,774	1,662	-112	-6.3%	
87.7%	1,662	1,447	-215	-12.9%	
88.9%	1,447	1,262	-185	-12.8%	
90.1%	1,359	1,235	-124	-9.1%	
91.4%	1,235	1,143	-92	-7.5%	
92.6%	1,139	1,139	0	0.0%	
93.8%	1,039	1,039	0	0.0%	
95.1%	943	943	0	0.0%	
96.3%	857	852	-5	-0.5%	
97.5%	852	821	-31	-3.7%	
98.8%	300	300	0	0.0%	
100.0%	300	300	0	0.0%	

April					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	6,125	6,125	0	0.0%	
1.2%	6,125	6,125	0	0.0%	
2.5%	3,367	3,364	-2	-0.1%	
3.7%	2,622	2,599	-23	-0.9%	
4.9%	2,489	2,485	-4	-0.2%	
6.2%	2,249	2,250	1	0.0%	
7.4%	2,137	2,129	-8	-0.4%	
8.6%	2,057	2,049	-8	-0.4%	
9.9%	1,973	1,952	-21	-1.1%	
11.1%	1,952	1,902	-50	-2.6%	
12.3%	1,862	1,855	-7	-0.4%	
13.6%	1,768	1,800	33	1.9%	
14.8%	1,761	1,768	7	0.4%	
16.0%	1,744	1,737	-7	-0.4%	
17.3%	1,639	1,639	0	0.0%	
18.5%	1,637	1,632	-5	-0.3%	
19.8%	1,624	1,624	0	0.0%	
21.0%	1,485	1,485	0	0.0%	
22.2%	1,477	1,477	0	0.0%	
23.5%	1,456	1,429	-27	-1.9%	
24.7%	1,437	1,411	-27	-1.9%	
25.9%	1,411	1,395	-16	-1.1%	
27.2%	1,395	1,394	-1	-0.1%	
28.4%	1,394	1,394	-2	-0.2%	
29.6%	1,391	1,389	-2	-0.2%	
30.9%	1,340	1,340	0	0.0%	
32.1%	1,335	1,335	0	0.0%	
33.3%	1,329	1,329	0	0.0%	
34.6%	1,323	1,320	-3	-0.3%	
35.8%	1,254	1,254	0	0.0%	
37.0%	1,252	1,248	-4	-0.3%	
38.3%	1,237	1,235	-2	-0.2%	
39.5%	1,235	1,230	-5	-0.4%	
40.7%	1,230	1,218	-11	-0.9%	
42.0%	1,218	1,218	-17	-1.4%	
43.2%	1,195	1,195	0	0.0%	
44.4%	1,175	1,175	0	0.0%	
45.7%	1,130	1,130	0	0.0%	
46.9%	1,114	1,114	0	0.0%	
48.1%	1,104	1,086	-18	-1.7%	
49.4%	1,070	1,070	-16	-1.4%	
50.6%	1,070	1,046	-24	-2.3%	
51.9%	1,046	1,038	-7	-0.7%	
53.1%	1,038	1,030	-9	-0.8%	
54.3%	1,030	1,029	-1	0.0%	
55.6%	1,029	1,028	-1	-0.1%	
56.8%	1,028	1,014	-14	-1.4%	
58.0%	1,014	999	-15	-1.4%	
59.3%	1,007	980	-27	-2.7%	
60.5%	980	974	-6	-0.6%	
61.7%	974	967	-7	-0.7%	
63.0%	967	938	-29	-3.0%	
64.2%	938	924	-14	-1.5%	
65.4%	924	923	-1	-0.1%	
66.7%	923	911	-12	-1.3%	
67.9%	892	892	0	0.0%	
69.1%	892	892	0	0.0%	
70.4%	881	872	-9	-1.1%	
71.6%	872	840	-32	-3.7%	
72.8%	868	792	-76	-8.7%	
74.1%	852	773	-79	-9.3%	
75.3%	840	757	-84	-9.9%	
76.5%	757				

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

June					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	6,680	6,680	0	0.0%	
1.2%	6,111	6,179	68	1.1%	
2.5%	5,959	6,064	105	1.8%	
3.7%	5,455	5,714	260	4.8%	
4.9%	5,121	5,119	-3	-0.1%	
6.2%	4,262	4,161	-101	-2.4%	
7.4%	4,183	3,917	-265	-6.3%	
8.6%	3,907	3,907	0	0.0%	
9.9%	3,452	3,741	289	8.4%	
11.1%	3,202	3,729	527	16.4%	
12.3%	3,170	3,318	148	4.7%	
13.6%	3,118	3,297	179	5.7%	
14.8%	3,055	3,158	103	3.4%	
16.0%	2,951	3,117	166	5.6%	
17.3%	2,930	3,018	87	3.0%	
18.5%	2,912	2,981	69	2.4%	
19.8%	2,911	2,917	6	0.2%	
21.0%	2,853	2,911	58	2.0%	
22.2%	2,776	2,929	52	1.9%	
23.5%	2,730	2,823	93	3.4%	
24.7%	2,727	2,823	96	3.5%	
25.9%	2,665	2,786	120	4.5%	
27.2%	2,618	2,727	109	4.2%	
28.4%	2,545	2,722	177	7.0%	
29.6%	2,543	2,721	177	7.0%	
30.9%	2,514	2,691	177	7.0%	
32.1%	2,509	2,622	113	4.5%	
33.3%	2,439	2,614	175	7.2%	
34.6%	2,424	2,605	181	7.5%	
35.8%	2,423	2,596	174	7.2%	
37.0%	2,352	2,547	195	8.3%	
38.3%	2,312	2,509	197	8.5%	
39.5%	2,039	2,340	301	14.8%	
40.7%	2,005	2,310	305	15.2%	
42.0%	1,956	2,306	350	15.6%	
43.2%	1,909	2,188	278	14.6%	
44.4%	1,878	2,181	303	16.1%	
45.7%	1,876	2,049	173	9.2%	
46.9%	1,873	2,039	166	8.8%	
48.1%	1,855	1,909	54	2.9%	
49.4%	1,850	1,973	23	1.2%	
50.6%	1,833	1,855	22	1.2%	
51.9%	1,816	1,850	35	1.9%	
53.1%	1,770	1,833	63	3.5%	
54.3%	1,733	1,825	92	5.3%	
55.6%	1,725	1,800	75	4.4%	
56.8%	1,722	1,789	67	3.9%	
58.0%	1,705	1,737	32	1.9%	
59.3%	1,693	1,727	34	2.0%	
60.5%	1,678	1,725	47	2.8%	
61.7%	1,668	1,722	54	3.2%	
63.0%	1,663	1,693	30	1.8%	
64.2%	1,661	1,688	27	1.6%	
65.4%	1,653	1,678	25	1.5%	
66.7%	1,650	1,668	18	1.1%	
67.9%	1,618	1,661	43	2.6%	
69.1%	1,590	1,653	63	4.0%	
70.4%	1,540	1,650	110	7.2%	
71.6%	1,520	1,635	115	7.5%	
72.8%	1,493	1,618	125	8.4%	
74.1%	1,396	1,610	215	15.4%	
75.3%	1,312	1,606	294	22.4%	
76.5%	1,222	1,540	318	26.0%	
77.8%	1,222	1,533	311	25.4%	
79.0%	1,206	1,520	314	26.1%	
80.2%	1,122	1,455	333	29.7%	
81.5%	827	1,365	538	65.0%	
82.7%	300	503	203	67.8%	
84.0%	300	300	0	0.0%	
85.2%	300	300	0	0.0%	
86.4%	300	300	0	0.0%	
87.7%	300	300	0	0.0%	
88.9%	300	300	0	0.0%	
90.1%	300	300	0	0.0%	
91.4%	300	2,800	2,500	833.3%	
92.6%	300	300	0	0.0%	
93.8%	300	289	-11	-3.5%	
95.1%	262	262	0	-0.2%	
96.3%	226	236	10	4.3%	
97.5%	201	226	25	12.6%	
98.8%	90	86	-4	-4.4%	
100.0%	47	68	20	42.6%	

July					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	6,680	6,680	0	0.0%	
1.2%	6,680	6,680	0	0.0%	
2.5%	6,680	6,680	0	0.0%	
3.7%	6,680	6,680	0	0.0%	
4.9%	6,680	6,680	0	0.0%	
6.2%	6,680	6,680	0	0.0%	
7.4%	6,680	6,680	0	0.0%	
8.6%	6,680	6,680	0	0.0%	
9.9%	6,680	6,680	0	0.0%	
11.1%	6,680	6,680	0	0.0%	
12.3%	6,680	6,680	0	0.0%	
13.6%	6,680	6,680	0	0.0%	
14.8%	6,680	6,680	0	0.0%	
16.0%	6,680	6,680	0	0.0%	
17.3%	6,680	6,680	0	0.0%	
18.5%	6,680	6,680	0	0.0%	
19.8%	6,680	6,680	0	0.0%	
21.0%	6,680	6,680	0	0.0%	
22.2%	6,680	6,680	0	0.0%	
23.5%	6,680	6,680	0	0.0%	
24.7%	6,680	6,680	0	0.0%	
25.9%	6,680	6,680	0	0.0%	
27.2%	6,680	6,680	0	0.0%	
28.4%	6,680	6,680	0	0.0%	
29.6%	6,680	6,680	0	0.0%	
30.9%	6,680	6,680	0	0.0%	
32.1%	6,680	6,680	0	0.0%	
33.3%	6,680	6,680	0	0.0%	
34.6%	6,680	6,680	0	0.0%	
35.8%	6,680	6,680	0	0.0%	
37.0%	6,680	6,680	0	0.0%	
38.3%	6,680	6,680	0	0.0%	
39.5%	6,680	6,680	0	0.0%	
40.7%	6,680	6,680	0	0.0%	
42.0%	6,680	6,680	0	0.0%	
43.2%	6,680	6,680	0	0.0%	
44.4%	6,680	6,680	0	0.0%	
45.7%	6,680	6,680	0	0.0%	
46.9%	6,680	6,680	0	0.0%	
48.1%	6,680	6,666	-14	-0.2%	
49.4%	6,663	6,663	0	0.0%	
50.6%	6,663	6,663	0	0.0%	
51.9%	6,663	6,663	0	0.0%	
53.1%	6,662	6,662	0	0.0%	
54.3%	6,662	6,662	0	0.0%	
55.6%	6,633	6,662	29	0.4%	
56.8%	6,630	6,662	32	0.5%	
58.0%	6,571	6,661	90	1.4%	
59.3%	6,494	6,657	163	2.5%	
60.5%	6,478	6,627	148	2.3%	
61.7%	6,464	6,625	161	2.5%	
63.0%	6,296	6,611	315	5.0%	
64.2%	6,225	6,535	310	5.0%	
65.4%	6,205	6,487	282	4.5%	
66.7%	6,124	6,135	11	0.2%	
67.9%	6,113	6,114	2	0.0%	
69.1%	5,559	6,102	543	9.8%	
70.4%	5,493	6,060	568	10.3%	
71.6%	5,480	5,971	491	9.0%	
72.8%	5,382	5,949	567	10.5%	
74.1%	5,272	5,930	657	12.5%	
75.3%	5,093	5,815	723	14.2%	
76.5%	4,776	5,766	990	20.7%	
77.8%	4,671	5,581	911	19.5%	
79.0%	4,165	5,287	1,122	26.9%	
80.2%	4,125	5,271	1,145	27.8%	
81.5%	3,882	4,973	1,091	28.1%	
82.7%	3,844	4,926	1,082	28.1%	
84.0%	3,177	4,898	1,720	54.1%	
85.2%	3,040	4,849	1,809	59.5%	
86.4%	2,246	4,417	2,170	96.6%	
87.7%	1,550	4,399	2,849	183.8%	
88.9%	1,276	4,018	2,742	214.9%	
90.1%	3,819	2,565	-1,254	-32.8%	
91.4%	2,800	2,148	-652	-23.3%	
92.6%	477	1,610	1,133	237.6%	
93.8%	300	1,289	989	329.6%	
95.1%	300	788	488	162.6%	
96.3%	300	569	269	89.8%	
97.5%	300	404	104	34.7%	
98.8%	300	300	0	0.0%	
100.0%	300	300	0	0.0%	

August					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	6,680	6,680	0	0.0%	
1.2%	6,680	6,680	0	0.0%	
2.5%	6,680	6,680	0	0.0%	
3.7%	6,680	6,680	0	0.0%	
4.9%	6,680	6,680	0	0.0%	
6.2%	6,680	6,680	0	0.0%	
7.4%	6,680	6,680	0	0.0%	
8.6%	6,680	6,680	0	0.0%	
9.9%	6,680	6,680	0	0.0%	
11.1%	6,680	6,680	0	0.0%	
12.3%	6,680	6,680	0	0.0%	
13.6%	6,680	6,680	0	0.0%	
14.8%	6,680	6,680	0	0.0%	
16.0%	6,680	6,680	0	0.0%	
17.3%	6,680	6,680	0	0.0%	
18.5%	6,680	6,680	0	0.0%	
19.8%	6,680	6,680	0	0.0%	
21.0%	6,680	6,680	0	0.0%	
22.2%	6,680	6,680	0	0.0%	
23.5%	6,680	6,680	0	0.0%	
24.7%	6,680	6,680	0	0.0%	
25.9%	6,680	6,680	0	0.0%	
27.2%	6,680	6,680	0	0.0%	
28.4%	6,680	6,680	0	0.0%	
29.6%	6,680	6,680	0	0.0%	
30.9%	6,680	6,680	0	0.0%	
32.1%	6,680	6,680	0	0.0%	
33.3%	6,680	6,680	0	0.0%	
34.6%	6,680	6,680	0	0.0%	
35.8%	6,680	6,680	0	0.0%	
37.0%	6,680	6,680	0	0.0%	
38.3%	6,680	6,680	0	0.0%	
39.5%	6,680	6,680	0	0.0%	
40.7%	6,680	6,680	0	0.0%	
42.0%	6,680	6,680	0	0.0%	
43.2%	6,680	6,680	0	0.0%	
44.4%	6,680	6,680	0	0.0%	
45.7%	6,680	6,680	0	0.0%	
46.9%	6,680	6,680	0	0.0%	
48.1%	6,680	6,680	0	0.0%	
49.4%	6,680	6,680	0	0.0%	
50.6%	6,680	6,680	0	0.0%	
51.9%	6,680	6,680	0	0.0%	
53.1%	6,680	6,680	0	0.0%	
54.3%	6,680	6,680	0	0.0%	
55.6%	6,680	6,680	0	0.0%	
56.8%	6,680	6,680	0	0.0%	
58.0%	6,662	6,419	-243	-3.7%	
59.3%	6,660	6,257	-403	-6.1%	
60.5%	6,330	6,147	-183	-2.9%	
61.7%	6,139	6,139	0	0.0%	
63.0%	6,010	5,802	-208	-3.5%	
64.2%	5,455	5,342	-113	-2.1%	
65.4%	5,408	5,103	-306	-5.7%	
66.7%	4,014	4,695	681	17.0%	
67.9%	3,733	4,448	716	19.2%	
69.1%	3,511	4,283	772	22.0%	
70.4%	3,484	3,770	286	8.2%	
71.6%	3,143	3,520	377	12.0%	
72.8%	2,592	3,262	670	25.8%	
74.1%	2,030	2,837	806		

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

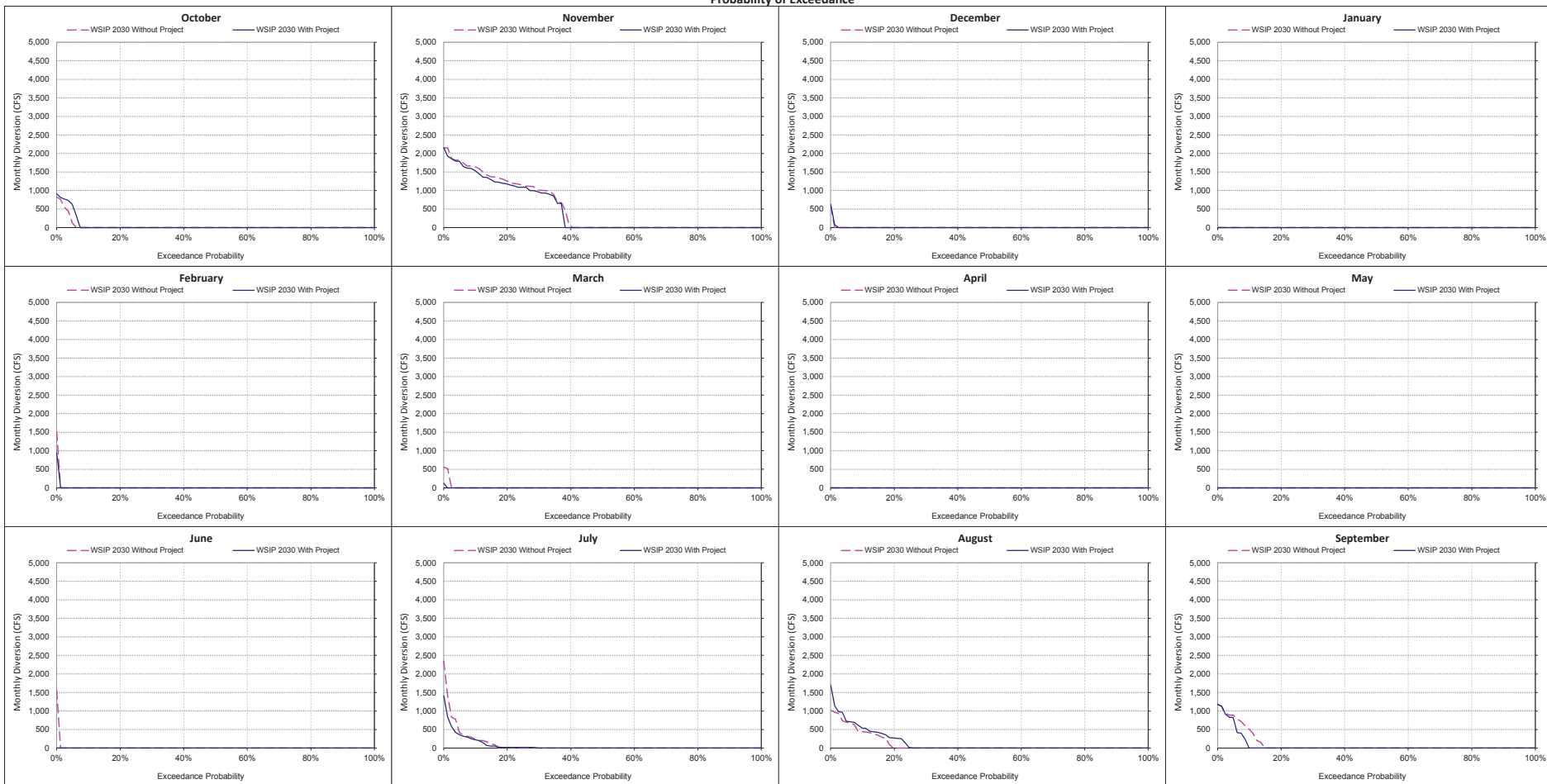


Table SW-40-b
Banks Pumping Plant (CVP), Monthly Diversion
Probability of Exceedance

October					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	824	907	83	10.0%	
1.2%	760	812	52	6.9%	
2.5%	542	764	222	41.0%	
3.7%	439	730	291	66.3%	
4.9%	126	626	501	397.7%	
6.2%	0	326	326		
7.4%	0	0	0		
8.6%	0	0	0		
9.9%	0	0	0		
11.1%	0	0	0		
12.3%	0	0	0		
13.6%	0	0	0		
14.8%	0	0	0		
16.0%	0	0	0		
17.3%	0	0	0		
18.5%	0	0	0		
19.8%	0	0	0		
21.0%	0	0	0		
22.2%	0	0	0		
23.5%	0	0	0		
24.7%	0	0	0		
25.9%	0	0	0		
27.2%	0	0	0		
28.4%	0	0	0		
29.6%	0	0	0		
30.9%	0	0	0		
32.1%	0	0	0		
33.3%	0	0	0		
34.6%	0	0	0		
35.8%	0	0	0		
37.0%	0	0	0		
38.3%	0	0	0		
39.5%	0	0	0		
40.7%	0	0	0		
42.0%	0	0	0		
43.2%	0	0	0		
44.4%	0	0	0		
45.7%	0	0	0		
46.9%	0	0	0		
48.1%	0	0	0		
49.4%	0	0	0		
50.6%	0	0	0		
51.9%	0	0	0		
53.1%	0	0	0		
54.3%	0	0	0		
55.6%	0	0	0		
56.8%	0	0	0		
58.0%	0	0	0		
59.3%	0	0	0		
60.5%	0	0	0		
61.7%	0	0	0		
63.0%	0	0	0		
64.2%	0	0	0		
65.4%	0	0	0		
66.7%	0	0	0		
67.9%	0	0	0		
69.1%	0	0	0		
70.4%	0	0	0		
71.6%	0	0	0		
72.8%	0	0	0		
74.1%	0	0	0		
75.3%	0	0	0		
76.5%	0	0	0		
77.8%	0	0	0		
79.0%	0	0	0		
80.2%	0	0	0		
81.5%	0	0	0		
82.7%	0	0	0		
84.0%	0	0	0		
85.2%	0	0	0		
86.4%	0	0	0		
87.7%	0	0	0		
88.9%	0	0	0		
90.1%	0	0	0		
91.4%	0	0	0		
92.6%	0	0	0		
93.8%	0	0	0		
95.1%	0	0	0		
96.3%	0	0	0		
97.5%	0	0	0		
98.8%	0	0	0		
100.0%	0	0	0		

November					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	2,151	2,151	0	0.0%	
1.2%	2,151	1,929	-222	-10.3%	
2.5%	1,860	1,862	2	0.1%	
3.7%	1,817	1,794	-23	-1.3%	
4.9%	1,817	1,787	-30	-1.7%	
6.2%	1,737	1,644	-94	-5.4%	
7.4%	1,661	1,599	-61	-3.7%	
8.6%	1,659	1,596	-63	-3.8%	
9.9%	1,640	1,538	-102	-6.2%	
11.1%	1,593	1,451	-142	-8.9%	
12.3%	1,501	1,360	-141	-9.4%	
13.6%	1,417	1,352	-66	-4.6%	
14.8%	1,370	1,292	-77	-5.6%	
16.0%	1,368	1,230	-138	-10.1%	
17.3%	1,338	1,221	-117	-8.7%	
18.5%	1,309	1,193	-116	-8.8%	
19.8%	1,265	1,177	-87	-6.9%	
21.0%	1,193	1,146	-47	-4.0%	
22.2%	1,190	1,121	-69	-5.8%	
23.5%	1,171	1,091	-80	-6.8%	
24.7%	1,145	1,091	-54	-4.7%	
25.9%	1,121	1,085	-36	-3.2%	
27.2%	1,111	996	-115	-10.4%	
28.4%	1,098	993	-105	-9.6%	
29.6%	1,010	970	-41	-4.0%	
30.9%	1,005	933	-72	-7.2%	
32.1%	995	928	-67	-6.8%	
33.3%	990	893	-97	-9.8%	
34.6%	892	853	-40	-4.4%	
35.8%	898	854	-34	-3.8%	
37.0%	672	651	-21	-3.1%	
38.3%	463	0	-463	-100.0%	
39.5%	61	0	-61	-100.0%	
40.7%	0	0	0		
42.0%	0	0	0		
43.2%	0	0	0		
44.4%	0	0	0		
45.7%	0	0	0		
46.9%	0	0	0		
48.1%	0	0	0		
49.4%	0	0	0		
50.6%	0	0	0		
51.9%	0	0	0		
53.1%	0	0	0		
54.3%	0	0	0		
55.6%	0	0	0		
56.8%	0	0	0		
58.0%	0	0	0		
59.3%	0	0	0		
60.5%	0	0	0		
61.7%	0	0	0		
63.0%	0	0	0		
64.2%	0	0	0		
65.4%	0	0	0		
66.7%	0	0	0		
67.9%	0	0	0		
69.1%	0	0	0		
70.4%	0	0	0		
71.6%	0	0	0		
72.8%	0	0	0		
74.1%	0	0	0		
75.3%	0	0	0		
76.5%	0	0	0		
77.8%	0	0	0		
79.0%	0	0	0		
80.2%	0	0	0		
81.5%	0	0	0		
82.7%	0	0	0		
84.0%	0	0	0		
85.2%	0	0	0		
86.4%	0	0	0		
87.7%	0	0	0		
88.9%	0	0	0		
90.1%	0	0	0		
91.4%	0	0	0		
92.6%	0	0	0		
93.8%	0	0	0		
95.1%	0	0	0		
96.3%	0	0	0		
97.5%	0	0	0		
98.8%	0	0	0		
100.0%	0	0	0		

December					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	589	623	34	5.8%	
1.2%	0	73	73		
2.5%	0	0	0		
3.7%	0	0	0		
4.9%	0	0	0		
6.2%	0	0	0		
7.4%	0	0	0		
8.6%	0	0	0		
9.9%	0	0	0		
11.1%	0	0	0		
12.3%	0	0	0		
13.6%	0	0	0		
14.8%	0	0	0		
16.0%	0	0	0		
17.3%	0	0	0		
18.5%	0	0	0		
19.8%	0	0	0		
21.0%	0	0	0		
22.2%	0	0	0		
23.5%	0	0	0		
24.7%	0	0	0		
25.9%	0	0	0		
27.2%	0	0	0		
28.4%	0	0	0		
29.6%	0	0	0		
30.9%	0	0	0		
32.1%	0	0	0		
33.3%	0	0	0		
34.6%	0	0	0		
35.8%	0	0	0		
37.0%	0	0	0		
38.3%	0	0	0		
39.5%	0	0	0		
40.7%	0	0	0		
42.0%	0	0	0		
43.2%	0	0	0		
44.4%	0	0	0		
45.7%	0	0	0		
46.9%	0	0	0		
48.1%	0	0	0		
49.4%	0	0	0		
50.6%	0	0	0		
51.9%	0	0	0		
53.1%	0	0	0		
54.3%	0	0	0		
55.6%	0	0	0		
56.8%	0	0	0		
58.0%	0	0	0		
59.3%	0	0	0		
60.5%	0	0	0		
61.7%	0	0	0		
63.0%	0	0	0		
64.2%	0	0	0		
65.4%	0	0	0		
66.7%	0	0	0		
67.9%	0	0	0		
69.1%	0	0	0		
70.4%	0	0	0		
71.6%	0	0	0		
72.8%	0	0	0		
74.1%	0	0	0		
75.3%	0	0	0		
76.5%	0	0	0		
77.8%	0	0	0		
79.0%	0	0	0		
80.2%	0	0	0		
81.5%	0	0	0		
82.7%	0	0	0		
84.0%	0	0	0		
85.2%	0	0	0		
86.4%	0	0	0		
87.7%	0	0	0		
88.9%	0	0	0		
90.1%	0	0	0		
91.4%	0	0	0		
92.6%	0	0	0		
93.8%	0	0	0		
95.1%	0	0	0		
96.3%	0	0	0		
97.5%	0	0	0		
98.8%	0	0	0		
100.0%	0	0	0		

January					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	0	0	0		
1.2%	0	0	0		
2.5%	0	0	0		
3.7%	0	0	0		
4.9%	0	0	0		
6.2%	0	0	0		
7.4%	0	0	0		
8.6%	0	0	0		
9.9%	0	0	0		
11.1%	0	0	0		
12.3%	0	0	0		
13.6%	0	0	0		
14.8%	0	0	0		
16.0%	0	0	0		
17.3%	0	0	0		
18.5%	0	0	0		
19.8%	0	0	0		
21.0%	0	0	0		
22.2%	0	0	0		
23.5%	0	0	0		
24.7%	0	0	0		
25.9%	0	0	0		
27.2%	0	0	0		
28.4%	0	0	0		
29.6%	0	0	0		
30.9%	0	0	0		
32.1%	0	0	0		
33.3%	0	0	0		
34.6%	0	0	0		
35.8%	0	0	0		
37.0%	0	0	0		
38.3%	0	0	0		
39.5%	0	0	0		
40.7%	0	0	0		
42.0%	0	0	0		
43.2%	0	0			

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

February				
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	1,516	943	-573	-37.8%
1.2%	0	0	0	
2.5%	0	0	0	
3.7%	0	0	0	
4.9%	0	0	0	
6.2%	0	0	0	
7.4%	0	0	0	
8.6%	0	0	0	
9.9%	0	0	0	
11.1%	0	0	0	
12.3%	0	0	0	
13.6%	0	0	0	
14.8%	0	0	0	
16.0%	0	0	0	
17.3%	0	0	0	
18.5%	0	0	0	
19.8%	0	0	0	
21.0%	0	0	0	
22.2%	0	0	0	
23.5%	0	0	0	
24.7%	0	0	0	
25.9%	0	0	0	
27.2%	0	0	0	
28.4%	0	0	0	
29.6%	0	0	0	
30.9%	0	0	0	
32.1%	0	0	0	
33.3%	0	0	0	
34.6%	0	0	0	
35.8%	0	0	0	
37.0%	0	0	0	
38.3%	0	0	0	
39.5%	0	0	0	
40.7%	0	0	0	
42.0%	0	0	0	
43.2%	0	0	0	
44.4%	0	0	0	
45.7%	0	0	0	
46.9%	0	0	0	
48.1%	0	0	0	
49.4%	0	0	0	
50.6%	0	0	0	
51.9%	0	0	0	
53.1%	0	0	0	
54.3%	0	0	0	
55.6%	0	0	0	
56.8%	0	0	0	
58.0%	0	0	0	
59.3%	0	0	0	
60.5%	0	0	0	
61.7%	0	0	0	
63.0%	0	0	0	
64.2%	0	0	0	
65.4%	0	0	0	
66.7%	0	0	0	
67.9%	0	0	0	
69.1%	0	0	0	
70.4%	0	0	0	
71.6%	0	0	0	
72.8%	0	0	0	
74.1%	0	0	0	
75.3%	0	0	0	
76.5%	0	0	0	
77.8%	0	0	0	
79.0%	0	0	0	
80.2%	0	0	0	
81.5%	0	0	0	
82.7%	0	0	0	
84.0%	0	0	0	
85.2%	0	0	0	
86.4%	0	0	0	
87.7%	0	0	0	
88.9%	0	0	0	
90.1%	0	0	0	
91.4%	0	0	0	
92.6%	0	0	0	
93.8%	0	0	0	
95.1%	0	0	0	
96.3%	0	0	0	
97.5%	0	0	0	
98.8%	0	0	0	
100.0%	0	0	0	

March				
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	558	120	-438	-78.4%
1.2%	518	0	-518	-100.0%
2.5%	0	0	0	
3.7%	0	0	0	
4.9%	0	0	0	
6.2%	0	0	0	
7.4%	0	0	0	
8.6%	0	0	0	
9.9%	0	0	0	
11.1%	0	0	0	
12.3%	0	0	0	
13.6%	0	0	0	
14.8%	0	0	0	
16.0%	0	0	0	
17.3%	0	0	0	
18.5%	0	0	0	
19.8%	0	0	0	
21.0%	0	0	0	
22.2%	0	0	0	
23.5%	0	0	0	
24.7%	0	0	0	
25.9%	0	0	0	
27.2%	0	0	0	
28.4%	0	0	0	
29.6%	0	0	0	
30.9%	0	0	0	
32.1%	0	0	0	
33.3%	0	0	0	
34.6%	0	0	0	
35.8%	0	0	0	
37.0%	0	0	0	
38.3%	0	0	0	
39.5%	0	0	0	
40.7%	0	0	0	
42.0%	0	0	0	
43.2%	0	0	0	
44.4%	0	0	0	
45.7%	0	0	0	
46.9%	0	0	0	
48.1%	0	0	0	
49.4%	0	0	0	
50.6%	0	0	0	
51.9%	0	0	0	
53.1%	0	0	0	
54.3%	0	0	0	
55.6%	0	0	0	
56.8%	0	0	0	
58.0%	0	0	0	
59.3%	0	0	0	
60.5%	0	0	0	
61.7%	0	0	0	
63.0%	0	0	0	
64.2%	0	0	0	
65.4%	0	0	0	
66.7%	0	0	0	
67.9%	0	0	0	
69.1%	0	0	0	
70.4%	0	0	0	
71.6%	0	0	0	
72.8%	0	0	0	
74.1%	0	0	0	
75.3%	0	0	0	
76.5%	0	0	0	
77.8%	0	0	0	
79.0%	0	0	0	
80.2%	0	0	0	
81.5%	0	0	0	
82.7%	0	0	0	
84.0%	0	0	0	
85.2%	0	0	0	
86.4%	0	0	0	
87.7%	0	0	0	
88.9%	0	0	0	
90.1%	0	0	0	
91.4%	0	0	0	
92.6%	0	0	0	
93.8%	0	0	0	
95.1%	0	0	0	
96.3%	0	0	0	
97.5%	0	0	0	
98.8%	0	0	0	
100.0%	0	0	0	

April				
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	0	0	0	
1.2%	0	0	0	
2.5%	0	0	0	
3.7%	0	0	0	
4.9%	0	0	0	
6.2%	0	0	0	
7.4%	0	0	0	
8.6%	0	0	0	
9.9%	0	0	0	
11.1%	0	0	0	
12.3%	0	0	0	
13.6%	0	0	0	
14.8%	0	0	0	
16.0%	0	0	0	
17.3%	0	0	0	
18.5%	0	0	0	
19.8%	0	0	0	
21.0%	0	0	0	
22.2%	0	0	0	
23.5%	0	0	0	
24.7%	0	0	0	
25.9%	0	0	0	
27.2%	0	0	0	
28.4%	0	0	0	
29.6%	0	0	0	
30.9%	0	0	0	
32.1%	0	0	0	
33.3%	0	0	0	
34.6%	0	0	0	
35.8%	0	0	0	
37.0%	0	0	0	
38.3%	0	0	0	
39.5%	0	0	0	
40.7%	0	0	0	
42.0%	0	0	0	
43.2%	0	0	0	
44.4%	0	0	0	
45.7%	0	0	0	
46.9%	0	0	0	
48.1%	0	0	0	
49.4%	0	0	0	
50.6%	0	0	0	
51.9%	0	0	0	
53.1%	0	0	0	
54.3%	0	0	0	
55.6%	0	0	0	
56.8%	0	0	0	
58.0%	0	0	0	
59.3%	0	0	0	
60.5%	0	0	0	
61.7%	0	0	0	
63.0%	0	0	0	
64.2%	0	0	0	
65.4%	0	0	0	
66.7%	0	0	0	
67.9%	0	0	0	
69.1%	0	0	0	
70.4%	0	0	0	
71.6%	0	0	0	
72.8%	0	0	0	
74.1%	0	0	0	
75.3%	0	0	0	
76.5%	0	0	0	
77.8%	0	0	0	
79.0%	0	0	0	
80.2%	0	0	0	
81.5%	0	0	0	
82.7%	0	0	0	
84.0%	0	0	0	
85.2%	0	0	0	
86.4%	0	0	0	
87.7%	0	0	0	
88.9%	0	0	0	
90.1%	0	0	0	
91.4%	0	0	0	
92.6%	0	0	0	
93.8%	0	0	0	
95.1%	0	0	0	
96.3%	0	0	0	
97.5%	0	0	0	
98.8%	0	0	0	
100.0%	0	0	0	

May				
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	0	0	0	
1.2%	0	0	0	
2.5%	0	0	0	
3.7%	0	0	0	
4.9%	0	0	0	
6.2%	0	0	0	
7.4%	0	0	0	
8.6%	0	0	0	
9.9%	0	0	0	
11.1%	0	0	0	
12.3%	0	0	0	
13.6%	0	0	0	
14.8%	0	0	0	
16.0%	0	0	0	
17.3%	0	0	0	
18.5%	0	0	0	
19.8%	0	0	0	
21.0%	0	0	0	
22.2%	0	0	0	
23.5%	0	0	0	
24.7%	0	0	0	
25.9%	0	0	0	
27.2%	0	0	0	
28.4%	0	0	0	
29.6%	0	0	0	
30.9%	0	0	0	
32.1%	0	0	0	
33.3%	0	0	0	
34.6%	0	0	0	
35.8%	0	0	0	
37.0%	0	0	0	
38.3%	0	0	0	
39.5%	0	0	0	
40.7%	0	0	0	
42.0%	0	0	0	
43.2%	0	0	0	
44.4%	0	0	0	
45.7%	0	0	0	
46.9%	0	0	0	
48.1%	0	0	0	
49.4%	0	0	0	
50.6%	0	0	0	
51.9%	0	0	0	
53.1%	0	0	0	
54.3%	0	0	0	
55.6%	0	0	0	
56.8%	0	0	0	
58.0%	0	0	0	
59.3%	0	0	0	
60.5%	0	0	0	
61.7%	0	0	0	
63.0%	0	0	0	
64.2%	0	0	0	
65.4%	0	0	0	
66.7%	0	0	0	
67.9%	0	0	0	
69.1%	0	0	0	
70.4%	0	0	0	
71.6%	0	0	0	
72.8%	0	0	0	
74.1%	0	0	0	
75.3%	0	0	0	
76.5%	0	0	0	
77.8%	0	0	0	
79.0%	0	0	0	
80.2%	0	0	0	
81.5%	0	0	0	
82.7%	0	0	0	
84.0%	0	0	0	
85.2%	0	0	0	
86.4%	0	0	0	
87.7%	0	0	0	
88.9%	0	0	0	
90.1%	0	0	0	
91.4%	0	0	0	
92.6%	0	0	0	
93.8%	0	0	0	
95.1%	0	0	0	
96.3%	0	0	0	
97.5%	0	0		

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

June					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	1,559	0	-1,559	-100.0%	
1.2%	0	0	0		
2.5%	0	0	0		
3.7%	0	0	0		
4.9%	0	0	0		
6.2%	0	0	0		
7.4%	0	0	0		
8.6%	0	0	0		
9.9%	0	0	0		
11.1%	0	0	0		
12.3%	0	0	0		
13.6%	0	0	0		
14.8%	0	0	0		
16.0%	0	0	0		
17.3%	0	0	0		
18.5%	0	0	0		
19.8%	0	0	0		
21.0%	0	0	0		
22.2%	0	0	0		
23.5%	0	0	0		
24.7%	0	0	0		
25.9%	0	0	0		
27.2%	0	0	0		
28.4%	0	0	0		
29.6%	0	0	0		
30.9%	0	0	0		
32.1%	0	0	0		
33.3%	0	0	0		
34.6%	0	0	0		
35.8%	0	0	0		
37.0%	0	0	0		
38.3%	0	0	0		
39.5%	0	0	0		
40.7%	0	0	0		
42.0%	0	0	0		
43.2%	0	0	0		
44.4%	0	0	0		
45.7%	0	0	0		
46.9%	0	0	0		
48.1%	0	0	0		
49.4%	0	0	0		
50.6%	0	0	0		
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70.4%	0	0	0		
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72.8%	0	0	0		
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76.5%	0	0	0		
77.8%	0	0	0		
79.0%	0	0	0		
80.2%	0	0	0		
81.5%	0	0	0		
82.7%	0	0	0		
84.0%	0	0	0		
85.2%	0	0	0		
86.4%	0	0	0		
87.7%	0	0	0		
88.9%	0	0	0		
90.1%	0	0	0		
91.4%	0	0	0		
92.6%	0	0	0		
93.8%	0	0	0		
95.1%	0	0	0		
96.3%	0	0	0		
97.5%	0	0	0		
98.8%	0	0	0		
100.0%	0	0	0		

July					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	2,340	1,409	-931	-39.8%	
1.2%	1,408	847	-560	-39.8%	
2.5%	831	578	-253	-30.5%	
3.7%	782	422	-360	-46.0%	
4.9%	417	360	-56	-13.5%	
6.2%	354	318	-36	-10.1%	
7.4%	317	298	-19	-6.0%	
8.6%	297	251	-46	-15.5%	
9.9%	236	224	-12	-5.2%	
11.1%	205	202	-4	-1.8%	
12.3%	202	145	-57	-28.2%	
13.6%	169	69	-100	-59.3%	
14.8%	109	55	-54	-49.4%	
16.0%	90	53	-37	-40.9%	
17.3%	18	23	5	30.4%	
18.5%	18	19	1	8.4%	
19.8%	17	18	1	7.0%	
21.0%	17	18	1	6.7%	
22.2%	0	18	18		
23.5%	0	18	18		
24.7%	0	17	17		
25.9%	0	17	17		
27.2%	0	17	17		
28.4%	0	14	14		
29.6%	0	0	0		
30.9%	0	0	0		
32.1%	0	0	0		
33.3%	0	0	0		
34.6%	0	0	0		
35.8%	0	0	0		
37.0%	0	0	0		
38.3%	0	0	0		
39.5%	0	0	0		
40.7%	0	0	0		
42.0%	0	0	0		
43.2%	0	0	0		
44.4%	0	0	0		
45.7%	0	0	0		
46.9%	0	0	0		
48.1%	0	0	0		
49.4%	0	0	0		
50.6%	0	0	0		
51.9%	0	0	0		
53.1%	0	0	0		
54.3%	0	0	0		
55.6%	0	0	0		
56.8%	0	0	0		
58.0%	0	0	0		
59.3%	0	0	0		
60.5%	0	0	0		
61.7%	0	0	0		
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64.2%	0	0	0		
65.4%	0	0	0		
66.7%	0	0	0		
67.9%	0	0	0		
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84.0%	0	0	0		
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87.7%	0	0	0		
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90.1%	0	0	0		
91.4%	0	0	0		
92.6%	0	0	0		
93.8%	0	0	0		
95.1%	0	0	0		
96.3%	0	0	0		
97.5%	0	0	0		
98.8%	0	0	0		
100.0%	0	0	0		

August					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	1,022	1,704	682	66.7%	
1.2%	966	1,141	175	18.1%	
2.5%	931	978	47	5.0%	
3.7%	734	963	229	31.1%	
4.9%	695	724	28	4.1%	
6.2%	670	709	39	5.8%	
7.4%	636	664	28	4.4%	
8.6%	444	618	174	39.1%	
9.9%	438	541	103	23.4%	
11.1%	433	533	100	23.1%	
12.3%	415	454	39	9.4%	
13.6%	377	437	60	15.9%	
14.8%	350	423	72	20.7%	
16.0%	295	394	99	33.6%	
17.3%	267	361	94	35.4%	
18.5%	90	281	191	211.3%	
19.8%	0	272	272		
21.0%	0	261	261		
22.2%	0	252	252		
23.5%	0	138	138		
24.7%	0	20	20		
25.9%	0	0	0		
27.2%	0	0	0		
28.4%	0	0	0		
29.6%	0	0	0		
30.9%	0	0	0		
32.1%	0	0	0		
33.3%	0	0	0		
34.6%	0	0	0		
35.8%	0	0	0		
37.0%	0	0	0		
38.3%	0	0	0		
39.5%	0	0	0		
40.7%	0	0	0		
42.0%	0	0	0		
43.2%	0	0	0		
44.4%	0	0	0		
45.7%	0	0	0		
46.9%	0	0	0		
48.1%	0	0	0		
49.4%	0	0	0		
50.6%	0	0	0		
51.9%	0	0	0		
53.1%	0	0	0		
54.3%	0	0	0		
55.6%	0	0	0		
56.8%	0	0	0		
58.0%	0	0	0		
59.3%	0	0	0		
60.5%	0	0	0		
61.7%	0	0	0		
63.0%	0	0	0		
64.2%	0	0	0		
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66.7%	0	0	0		
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69.1%	0	0	0		
70.4%	0	0	0		
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74.1%	0	0	0		
75.3%	0	0	0		
76.5%	0	0	0		
77.8%	0	0	0		
79.0%	0	0	0		
80.2%	0	0	0		
81.5%	0	0	0		
82.7%	0	0	0		
84.0%	0	0	0		
85.2%	0	0	0		
86.4%	0	0	0		
87.7%	0	0	0		
88.9%	0	0	0		
90.1%	0	0	0		
91.4%	0	0	0		
92.6%	0	0	0		
93.8%	0	0	0		
95.1%	0	0	0		
96.3%	0	0	0		
97.5%	0	0	0		
98.8%	0	0	0		
100.0%	0	0	0		

September					
Percent Exceedance Probability (%)	WSIP 2030 Without Project Monthly Diversion (CFS)	WSIP 2030 With Project Monthly Diversion (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	1,184	1,176	-9	-0.7%	
1.2%	1,129	1,132	2	0.2%	
2.5%	931	907	-24	-2.6%	
3.7%	891	833	-57	-6.4%	
4.9%	881	821	-61	-6.9%	
6.2%	780	417	-363	-46.6%	
7.4%	717	402	-315	-44.0%	
8.6%	599	240	-359	-59.9%	
9.9%	514	0	-514	-100.0%	
11.1%	398	0	-398	-100.0%	
12.3%	205	0	-205	-100.0%	
13.6%	156	0	-156	-100.0%	
14.8%	0	0	0		
16.0%	0	0	0		
17.3%	0	0	0		
18.5%	0	0	0		
19.8%	0	0	0		
21.0%	0	0	0		
22.2%	0	0	0		
23.5%	0	0	0		
24.7%	0	0	0		
25.9%	0	0	0		
27.2%	0	0	0		
28.4%	0	0	0		
29.6%	0	0	0		
30.9%	0	0	0		
32.1%	0	0	0		
33.3%	0	0	0		
34.6%	0	0	0		
35.8%	0	0	0		
37.0%	0	0	0		
38.3%	0	0	0		
39.5%	0	0	0		
40.7%	0	0	0		
42.0%	0				

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

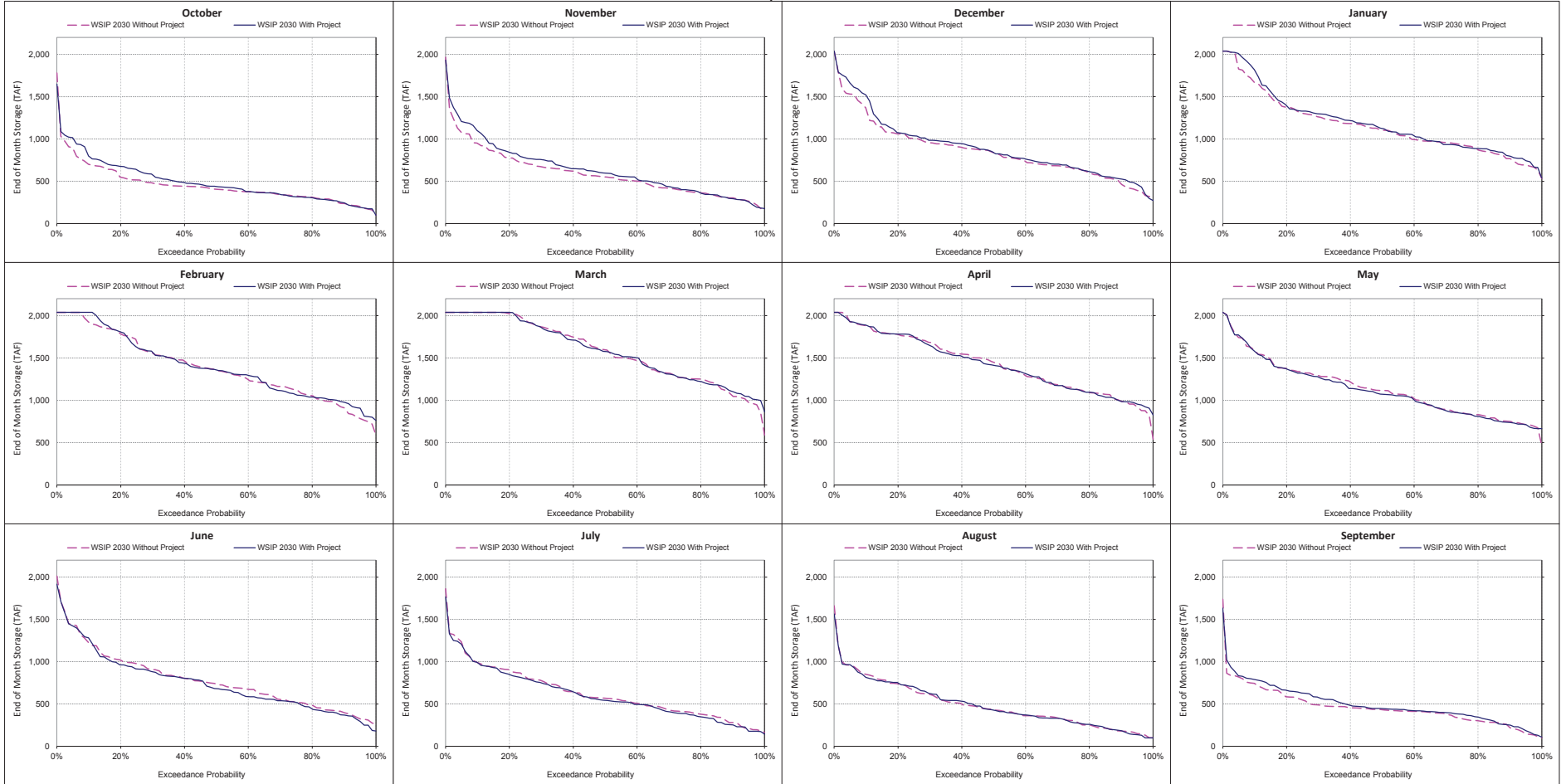


Table SW-41-b
San Luis Reservoir (SWP and CVP), End of Month Storage
Probability of Exceedance

October					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	1,780	1,651	-129	-7.3%	
1.2%	1,032	1,088	55	5.4%	
2.5%	975	1,044	69	7.1%	
3.7%	908	1,021	112	12.4%	
4.9%	895	1,016	121	13.5%	
6.2%	794	940	146	18.3%	
7.4%	765	935	170	22.2%	
8.6%	738	910	171	23.2%	
9.9%	708	799	99	14.1%	
11.1%	688	764	76	11.0%	
12.3%	682	761	79	11.6%	
13.6%	676	749	73	10.8%	
14.8%	661	724	63	9.6%	
16.0%	641	699	58	9.1%	
17.3%	639	690	51	7.9%	
18.5%	622	686	65	10.4%	
19.8%	549	678	129	23.5%	
21.0%	559	674	115	20.5%	
22.2%	526	653	128	24.3%	
23.5%	517	649	131	25.4%	
24.7%	515	642	127	24.7%	
25.9%	514	618	103	20.1%	
27.2%	496	599	104	20.9%	
28.4%	486	590	104	21.5%	
29.6%	482	584	102	21.2%	
30.9%	470	548	78	16.5%	
32.1%	467	539	72	15.4%	
33.3%	457	527	70	15.3%	
34.6%	454	524	70	15.3%	
35.8%	446	512	65	14.5%	
37.0%	445	502	57	12.8%	
38.3%	443	491	48	10.8%	
39.5%	442	488	46	10.4%	
40.7%	440	475	35	7.9%	
42.0%	438	474	36	8.2%	
43.2%	437	468	31	7.1%	
44.4%	433	466	33	7.6%	
45.7%	431	458	27	6.3%	
46.9%	424	443	19	4.5%	
48.1%	415	441	26	6.2%	
49.4%	408	441	33	8.1%	
50.6%	403	435	32	8.0%	
51.9%	402	430	28	7.1%	
53.1%	395	428	33	8.3%	
54.3%	394	425	31	7.8%	
55.6%	385	421	36	9.3%	
56.8%	381	412	32	8.3%	
58.0%	379	408	28	7.5%	
59.3%	376	378	2	0.6%	
60.5%	375	377	2	0.6%	
61.7%	374	371	-2	-0.6%	
63.0%	371	366	-5	-1.3%	
64.2%	369	365	-4	-1.0%	
65.4%	368	364	-4	-1.2%	
66.7%	366	364	-2	-0.6%	
67.9%	356	363	7	1.9%	
69.1%	346	352	6	1.7%	
70.4%	340	340	-1	-0.2%	
71.6%	335	336	1	0.2%	
72.8%	334	326	-8	-2.5%	
74.1%	326	317	-8	-2.6%	
75.3%	324	317	-7	-2.3%	
76.5%	319	314	-5	-1.5%	
77.8%	319	310	-9	-2.8%	
79.0%	318	310	-8	-2.6%	
80.2%	310	303	-7	-2.2%	
81.5%	298	290	-8	-2.7%	
82.7%	292	286	-6	-2.0%	
84.0%	290	283	-7	-2.5%	
85.2%	290	279	-11	-3.8%	
86.4%	276	270	-6	-2.0%	
87.7%	254	267	13	5.2%	
88.9%	237	253	16	6.7%	
90.1%	206	243	36	17.6%	
91.4%	226	217	-9	-3.9%	
92.6%	214	208	-6	-2.6%	
93.8%	212	201	-11	-5.2%	
95.1%	200	189	-11	-5.7%	
96.3%	181	183	2	1.0%	
97.5%	171	174	3	1.8%	
98.8%	162	173	11	6.9%	
100.0%	100	100	0	0.0%	

November					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	1,966	1,932	-35	-1.8%	
1.2%	1,351	1,486	135	10.0%	
2.5%	1,237	1,372	135	11.0%	
3.7%	1,130	1,294	165	14.6%	
4.9%	1,077	1,208	131	12.2%	
6.2%	1,063	1,193	131	12.3%	
7.4%	1,059	1,186	127	12.0%	
8.6%	956	1,159	204	21.3%	
9.9%	951	1,099	148	15.6%	
11.1%	922	1,067	145	15.7%	
12.3%	916	1,020	104	11.3%	
13.6%	868	949	82	9.4%	
14.8%	850	942	92	9.5%	
16.0%	839	890	51	6.1%	
17.3%	831	874	42	5.1%	
18.5%	786	861	75	9.5%	
19.8%	775	845	70	9.1%	
21.0%	549	774	225	40.9%	
22.2%	526	744	218	41.4%	
23.5%	720	792	71	9.9%	
24.7%	720	780	61	8.4%	
25.9%	704	768	63	9.0%	
27.2%	698	764	66	9.5%	
28.4%	679	759	80	11.7%	
29.6%	675	759	84	12.5%	
30.9%	665	751	86	13.0%	
32.1%	658	741	83	12.7%	
33.3%	656	739	83	12.7%	
34.6%	649	695	46	7.1%	
35.8%	647	686	39	6.0%	
37.0%	629	674	45	7.2%	
38.3%	626	662	36	5.8%	
39.5%	621	648	27	4.4%	
40.7%	617	647	30	4.8%	
42.0%	603	646	43	7.1%	
43.2%	603	644	41	6.8%	
44.4%	571	628	57	9.9%	
45.7%	566	623	58	10.2%	
46.9%	565	617	52	9.2%	
48.1%	559	605	46	8.2%	
49.4%	553	597	44	8.0%	
50.6%	549	596	47	8.6%	
51.9%	543	593	50	9.3%	
53.1%	540	574	34	6.2%	
54.3%	520	559	39	7.6%	
55.6%	514	556	41	8.1%	
56.8%	512	553	42	8.1%	
58.0%	511	551	40	7.8%	
59.3%	503	551	47	9.4%	
60.5%	500	512	12	2.4%	
61.7%	499	502	4	0.7%	
63.0%	472	502	30	6.4%	
64.2%	455	497	42	9.2%	
65.4%	434	481	47	10.9%	
66.7%	428	478	50	11.7%	
67.9%	422	466	44	10.5%	
69.1%	422	440	19	4.5%	
70.4%	413	434	22	5.2%	
71.6%	410	423	12	3.0%	
72.8%	401	418	16	4.1%	
74.1%	396	400	4	0.9%	
75.3%	382	399	17	4.5%	
76.5%	377	395	18	4.8%	
77.8%	371	391	20	5.4%	
79.0%	369	379	10	2.7%	
80.2%	362	355	-7	-1.8%	
81.5%	358	345	-13	-3.6%	
82.7%	348	344	-1	-0.4%	
84.0%	338	341	3	1.0%	
85.2%	323	337	14	4.4%	
86.4%	314	315	1	0.4%	
87.7%	312	312	0	0.0%	
88.9%	304	298	-6	-2.1%	
90.1%	304	294	-10	-3.3%	
91.4%	290	283	-7	-2.4%	
92.6%	280	282	1	0.5%	
93.8%	276	280	4	1.4%	
95.1%	263	254	-9	-3.3%	
96.3%	221	221	0	0.0%	
97.5%	220	220	0	0.0%	
98.8%	177	183	6	3.4%	
100.0%	168	178	11	6.3%	

December					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	2,039	2,039	0	0.0%	
1.2%	1,791	2,039	248	13.9%	
2.5%	1,593	1,756	164	10.3%	
3.7%	1,542	1,733	191	12.4%	
4.9%	1,531	1,663	133	8.7%	
6.2%	1,528	1,614	85	5.6%	
7.4%	1,455	1,594	139	9.5%	
8.6%	1,418	1,547	129	9.1%	
9.9%	1,369	1,520	151	11.0%	
11.1%	1,218	1,450	232	19.0%	
12.3%	1,211	1,296	85	7.0%	
13.6%	1,145	1,245	99	8.7%	
14.8%	1,143	1,176	32	2.8%	
16.0%	1,083	1,168	85	7.8%	
17.3%	1,077	1,143	65	6.1%	
18.5%	1,072	1,120	47	4.4%	
19.8%	1,061	1,076	15	1.4%	
21.0%	1,060	1,067	7	0.7%	
22.2%	1,054	1,062	8	0.7%	
23.5%	1,010	1,044	34	3.4%	
24.7%	1,007	1,037	30	3.0%	
25.9%	1,006	1,035	28	2.8%	
27.2%	988	1,014	26	2.7%	
28.4%	969	1,014	47	4.9%	
29.6%	957	988	29	3.0%	
30.9%	952	984	32	3.4%	
32.1%	942	982	39	4.2%	
33.3%	942	974	31	3.3%	
34.6%	939	971	32	3.4%	
35.8%	928	968	40	4.3%	
37.0%	926	951	26	2.8%	
38.3%	910	949	39	4.3%	
39.5%	905	945	40	4.5%	
40.7%	893	941	48	5.4%	
42.0%	885	925	40	4.5%	
43.2%	883	914	31	3.5%	
44.4%	878	903	25	2.8%	
45.7%	871	877	6	0.7%	
46.9%	870	877	7	0.8%	
48.1%	867	869	2	0.3%	
49.4%	845	853	7	0.8%	
50.6%	828	824	-4	-0.5%	
51.9%	814	824	10	1.2%	
53.1%	783	813	30	3.8%	
54.3%	781	812	31	4.0%	
55.6%	775	785	10	1.3%	
56.8%	770	778	8	1.1%	
58.0%	759	773	14	1.9%	
59.3%	753	770	17	2.2%	
60.5%	719	758	39	5.4%	
61.7%	719	748	30	4.2%	
63.0%	710	737	28	3.9%	
64.2%	704	726	22	3.1%	
65.4%	697	720	23	3.3%	
66.7%	694	719	25	3.6%	
67.9%	684	704	19	2.8%	
69.1%	684	703	19	2.8%	
70.4%	683	701	17	2.5%	
71.6%	679	694	14	2.1%	
72.8%	668	691	23	3.4%	
74.1%	666	663	-3	-0.5%	
75.3%	642	657	15	2.3%	
76.5%	642	652	11	1.7%	
77.8%	634	631	-3	-0.5%	
79.0%	616	622	6	1.0%	
80.2%	594	610	15	2.6%	
81.5%	579	605	26	4.4%	
82.7%	577	588	11	2.0%	
84.0%	545	560	15	2.8%	
85.2%	537	537	0	0.0%	
86.4%	535	551	16	3.0%	
87.7%	525	542	17	3.2%	
88.9%	514	532	18	3.5%	
90.1%	462	527	66	14.0%	
91.4%	435	516	81	1	

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

February					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 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%	1,973	2,039	66	3.3%	
9.9%	1,926	2,039	113	5.9%	
11.1%	1,902	2,039	137	7.2%	
12.3%	1,890	2,039	149	7.9%	
13.6%	1,869	1,942	73	3.9%	
14.8%	1,862	1,898	36	1.9%	
16.0%	1,847	1,881	34	1.8%	
17.3%	1,841	1,838	-3	-0.1%	
18.5%	1,831	1,829	-2	-0.1%	
19.8%	1,790	1,812	22	1.2%	
21.0%	1,767	1,794	28	1.6%	
22.2%	1,761	1,759	-2	-0.1%	
23.5%	1,743	1,675	-68	-3.9%	
24.7%	1,722	1,636	-87	-5.0%	
25.9%	1,609	1,606	-3	-0.2%	
27.2%	1,592	1,600	8	0.5%	
28.4%	1,577	1,586	9	0.6%	
29.6%	1,570	1,582	13	0.8%	
30.9%	1,536	1,531	-5	-0.3%	
32.1%	1,532	1,524	-8	-0.5%	
33.3%	1,525	1,524	-1	0.0%	
34.6%	1,507	1,509	2	0.1%	
35.8%	1,505	1,498	-8	-0.5%	
37.0%	1,488	1,485	-3	-0.2%	
38.3%	1,478	1,448	-30	-2.0%	
39.5%	1,476	1,440	-36	-2.4%	
40.7%	1,444	1,432	-12	-0.8%	
42.0%	1,431	1,401	-30	-2.1%	
43.2%	1,412	1,390	-22	-1.6%	
44.4%	1,401	1,381	-19	-1.4%	
45.7%	1,387	1,379	-8	-0.6%	
46.9%	1,381	1,378	-3	-0.2%	
48.1%	1,373	1,367	-6	-0.4%	
49.4%	1,367	1,364	-3	-0.2%	
50.6%	1,350	1,351	2	0.1%	
51.9%	1,342	1,351	9	0.7%	
53.1%	1,331	1,336	5	0.3%	
54.3%	1,317	1,323	6	0.4%	
55.6%	1,301	1,309	8	0.6%	
56.8%	1,295	1,308	11	0.8%	
58.0%	1,282	1,303	20	1.6%	
59.3%	1,262	1,301	39	3.1%	
60.5%	1,230	1,289	59	4.8%	
61.7%	1,225	1,282	57	4.7%	
63.0%	1,218	1,278	60	5.1%	
64.2%	1,208	1,216	8	0.7%	
65.4%	1,208	1,209	1	0.1%	
66.7%	1,186	1,145	-41	-3.4%	
67.9%	1,180	1,133	-47	-4.0%	
69.1%	1,164	1,119	-45	-3.9%	
70.4%	1,164	1,114	-50	-4.3%	
71.6%	1,159	1,104	-55	-4.8%	
72.8%	1,142	1,087	-55	-4.8%	
74.1%	1,130	1,078	-51	-4.5%	
75.3%	1,121	1,060	-61	-5.5%	
76.5%	1,084	1,059	-25	-2.3%	
77.8%	1,071	1,051	-20	-1.9%	
79.0%	1,061	1,038	-23	-2.2%	
80.2%	1,053	1,038	-15	-1.4%	
81.5%	1,018	1,031	13	1.3%	
82.7%	1,014	1,029	15	1.5%	
84.0%	993	1,022	29	2.9%	
85.2%	987	1,011	23	2.4%	
86.4%	987	1,007	20	2.0%	
87.7%	956	1,002	46	4.8%	
88.9%	925	987	62	6.7%	
90.1%	910	975	65	7.1%	
91.4%	893	959	66	7.4%	
92.6%	834	926	92	11.0%	
93.8%	807	913	106	13.1%	
95.1%	784	908	124	15.8%	
96.3%	765	813	48	6.3%	
97.5%	748	806	58	7.7%	
98.8%	719	800	80	11.2%	
100.0%	590	763	173	29.3%	

March					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 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	2,039	0	0.0%	
18.5%	2,037	2,039	2	0.1%	
19.8%	2,026	2,039	13	0.6%	
21.0%	2,020	2,035	16	0.8%	
22.2%	2,014	1,998	-16	-0.8%	
23.5%	1,988	1,938	-50	-2.5%	
24.7%	1,954	1,937	-17	-0.9%	
25.9%	1,923	1,922	-2	-0.1%	
27.2%	1,906	1,916	10	0.5%	
28.4%	1,888	1,882	-6	-0.3%	
29.6%	1,871	1,871	0	0.0%	
30.9%	1,863	1,840	-21	-1.1%	
32.1%	1,846	1,820	-26	-1.4%	
33.3%	1,833	1,812	-21	-1.1%	
34.6%	1,814	1,801	-13	-0.7%	
35.8%	1,813	1,797	-16	-0.9%	
37.0%	1,770	1,762	-7	-0.4%	
38.3%	1,769	1,720	-50	-2.8%	
39.5%	1,752	1,715	-37	-2.1%	
40.7%	1,743	1,711	-32	-1.8%	
42.0%	1,723	1,723	-30	-2.1%	
43.2%	1,703	1,646	-57	-3.4%	
44.4%	1,683	1,628	-55	-3.3%	
45.7%	1,640	1,618	-22	-1.3%	
46.9%	1,628	1,609	-19	-1.2%	
48.1%	1,608	1,601	-7	-0.4%	
49.4%	1,601	1,579	-22	-1.4%	
50.6%	1,593	1,575	-18	-1.1%	
51.9%	1,548	1,562	14	0.9%	
53.1%	1,507	1,543	36	2.4%	
54.3%	1,503	1,539	37	2.4%	
55.6%	1,502	1,516	14	0.9%	
56.8%	1,496	1,515	19	1.3%	
58.0%	1,491	1,512	21	1.4%	
59.3%	1,478	1,506	28	1.9%	
60.5%	1,465	1,501	35	2.4%	
61.7%	1,455	1,429	-26	-1.8%	
63.0%	1,423	1,402	-21	-1.5%	
64.2%	1,363	1,384	22	1.6%	
65.4%	1,361	1,379	17	1.3%	
66.7%	1,337	1,347	10	0.7%	
67.9%	1,325	1,333	8	0.6%	
69.1%	1,324	1,311	-13	-1.0%	
70.4%	1,319	1,307	-11	-0.9%	
71.6%	1,300	1,300	0	0.0%	
72.8%	1,270	1,276	6	0.5%	
74.1%	1,269	1,269	0	0.0%	
75.3%	1,264	1,262	-2	-0.1%	
76.5%	1,256	1,244	-12	-0.9%	
77.8%	1,254	1,244	-10	-0.8%	
79.0%	1,253	1,227	-26	-2.0%	
80.2%	1,251	1,220	-31	-2.4%	
81.5%	1,237	1,203	-34	-2.7%	
82.7%	1,217	1,188	-29	-2.4%	
84.0%	1,206	1,184	-21	-1.8%	
85.2%	1,186	1,182	-4	-0.3%	
86.4%	1,133	1,170	38	3.3%	
87.7%	1,119	1,151	33	2.9%	
88.9%	1,089	1,119	30	2.7%	
90.1%	1,065	1,101	35	3.3%	
91.4%	1,043	1,082	37	3.6%	
92.6%	1,032	1,076	44	4.2%	
93.8%	1,017	1,047	30	3.0%	
95.1%	973	1,045	73	7.5%	
96.3%	962	1,013	51	5.3%	
97.5%	948	1,008	60	6.4%	
98.8%	852	998	147	17.2%	
100.0%	590	863	273	46.3%	

April					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 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	2,006	-33	-1.6%	
3.7%	2,011	1,977	-35	-1.7%	
4.9%	1,927	1,931	3	0.2%	
6.2%	1,924	1,924	0	0.0%	
7.4%	1,899	1,908	9	0.5%	
8.6%	1,890	1,896	6	0.3%	
9.9%	1,883	1,889	6	0.3%	
11.1%	1,875	1,871	-4	-0.2%	
12.3%	1,818	1,868	50	2.8%	
13.6%	1,805	1,817	12	0.7%	
14.8%	1,801	1,793	-8	-0.5%	
16.0%	1,796	1,788	-8	-0.4%	
17.3%	1,785	1,787	2	0.1%	
18.5%	1,784	1,786	1	0.1%	
19.8%	1,783	1,784	2	0.1%	
21.0%	1,766	1,782	16	0.9%	
22.2%	1,759	1,782	22	1.3%	
23.5%	1,758	1,780	22	1.2%	
24.7%	1,749	1,762	13	0.8%	
25.9%	1,742	1,723	-19	-1.1%	
27.2%	1,715	1,709	-6	-0.4%	
28.4%	1,707	1,676	-31	-1.8%	
29.6%	1,685	1,655	-30	-1.8%	
30.9%	1,683	1,631	-52	-3.1%	
32.1%	1,647	1,593	-53	-3.2%	
33.3%	1,605	1,572	-32	-2.0%	
34.6%	1,603	1,563	-39	-2.5%	
35.8%	1,576	1,550	-26	-1.7%	
37.0%	1,558	1,534	-23	-1.5%	
38.3%	1,553	1,530	-23	-1.5%	
39.5%	1,548	1,527	-21	-1.4%	
40.7%	1,544	1,508	-36	-2.4%	
42.0%	1,541	1,506	-35	-2.3%	
43.2%	1,503	1,480	-23	-1.5%	
44.4%	1,502	1,477	-25	-1.7%	
45.7%	1,502	1,470	-31	-2.1%	
46.9%	1,491	1,435	-56	-3.8%	
48.1%	1,480	1,428	-54	-3.7%	
49.4%	1,457	1,417	-40	-2.7%	
50.6%	1,440	1,409	-31	-2.2%	
51.9%	1,429	1,402	-27	-1.9%	
53.1%	1,374	1,381	7	0.5%	
54.3%	1,364	1,379	16	1.1%	
55.6%	1,363	1,355	-9	-0.6%	
56.8%	1,354	1,352	-2	-0.1%	
58.0%	1,330	1,344	15	1.1%	
59.3%	1,309	1,323	14	1.1%	
60.5%	1,281	1,309	28	2.2%	
61.7%	1,275	1,288	14	1.1%	
63.0%	1,266	1,279	12	1.0%	
64.2%	1,256	1,278	22	1.8%	
65.4%	1,254	1,231	-23	-1.8%	
66.7%	1,205	1,212	7	0.6%	
67.9%	1,196	1,211	15	1.2%	
69.1%	1,189	1,177	-11	-0.9%	
70.4%	1,182	1,175	-7	-0.6%	
71.6%	1,167	1,175	8	0.7%	
72.8%	1,156	1,144	-12	-1.1%	
74.1%	1,154	1,132	-22	-1.9%	
75.3%	1,136	1,130	-6	-0.5%	
76.5%	1,126				

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

June					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	2,012	1,917	-96	-4.8%	
1.2%	1,714	1,706	-8	-0.3%	
2.5%	1,593	1,573	-20	-1.2%	
3.7%	1,450	1,448	-2	-0.2%	
4.9%	1,439	1,422	-17	-1.2%	
6.2%	1,425	1,399	-26	-1.8%	
7.4%	1,318	1,347	29	2.2%	
8.6%	1,281	1,204	-77	-6.0%	
9.9%	1,227	1,281	54	4.4%	
11.1%	1,191	1,213	23	1.9%	
12.3%	1,189	1,138	-51	-4.3%	
13.6%	1,112	1,059	-53	-4.7%	
14.8%	1,067	1,057	-11	-1.0%	
16.0%	1,060	1,023	-37	-3.5%	
17.3%	1,038	999	-39	-3.8%	
18.5%	1,029	992	-37	-3.6%	
19.8%	1,022	962	-60	-5.8%	
21.0%	996	961	-35	-3.4%	
22.2%	990	945	-45	-4.6%	
23.5%	989	941	-48	-4.8%	
24.7%	979	914	-65	-6.7%	
25.9%	967	911	-56	-5.7%	
27.2%	952	910	-42	-4.4%	
28.4%	917	898	-19	-2.1%	
29.6%	907	883	-23	-2.5%	
30.9%	904	875	-29	-3.3%	
32.1%	890	846	-45	-5.0%	
33.3%	843	835	-8	-0.9%	
34.6%	839	831	-8	-0.9%	
35.8%	838	827	-11	-1.3%	
37.0%	825	824	-1	-0.1%	
38.3%	825	815	-10	-1.2%	
39.5%	806	805	-1	-0.1%	
40.7%	800	801	1	0.1%	
42.0%	799	799	0	0.4%	
43.2%	775	786	11	1.4%	
44.4%	772	782	10	1.3%	
45.7%	765	771	6	0.7%	
46.9%	756	712	-44	-5.8%	
48.1%	748	697	-50	-6.7%	
49.4%	742	681	-61	-8.2%	
50.6%	726	680	-46	-6.4%	
51.9%	725	670	-55	-7.6%	
53.1%	706	667	-39	-5.5%	
54.3%	696	662	-35	-5.0%	
55.6%	693	638	-55	-7.9%	
56.8%	689	636	-53	-7.7%	
58.0%	685	608	-77	-11.3%	
59.3%	677	588	-88	-13.1%	
60.5%	671	585	-86	-12.9%	
61.7%	671	584	-87	-12.9%	
63.0%	625	573	-52	-8.3%	
64.2%	620	570	-50	-8.0%	
65.4%	613	556	-57	-9.3%	
66.7%	610	555	-55	-9.0%	
67.9%	588	555	-33	-5.7%	
69.1%	557	539	-18	-3.2%	
70.4%	550	537	-13	-2.4%	
71.6%	548	535	-13	-2.4%	
72.8%	529	529	1	0.2%	
74.1%	528	525	-4	-0.7%	
75.3%	515	517	2	0.4%	
76.5%	515	487	-28	-5.4%	
77.8%	508	470	-38	-7.5%	
79.0%	484	465	-19	-4.0%	
80.2%	481	433	-48	-9.9%	
81.5%	454	428	-26	-5.7%	
82.7%	453	421	-32	-7.1%	
84.0%	431	410	-21	-4.8%	
85.2%	427	403	-24	-5.7%	
86.4%	425	403	-22	-5.1%	
87.7%	417	393	-24	-5.7%	
88.9%	414	372	-42	-10.2%	
90.1%	396	367	-29	-7.3%	
91.4%	385	358	-27	-7.1%	
92.6%	367	356	-12	-3.1%	
93.8%	345	321	-24	-6.9%	
95.1%	323	293	-30	-9.2%	
96.3%	319	249	-70	-22.0%	
97.5%	309	248	-61	-19.8%	
98.8%	275	186	-89	-32.3%	
100.0%	258	181	-77	-29.8%	

July					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	1,862	1,766	-96	-5.1%	
1.2%	1,333	1,330	-3	-0.2%	
2.5%	1,321	1,252	-69	-5.2%	
3.7%	1,279	1,240	-39	-3.1%	
4.9%	1,233	1,206	-28	-2.3%	
6.2%	1,100	1,118	18	1.6%	
7.4%	1,064	1,069	6	0.6%	
8.6%	1,016	1,001	-15	-1.4%	
9.9%	952	915	-37	-3.9%	
11.1%	973	956	-17	-1.7%	
12.3%	945	949	4	0.4%	
13.6%	944	943	-2	-0.2%	
14.8%	937	929	-8	-0.8%	
16.0%	936	924	-12	-1.3%	
17.3%	917	878	-40	-4.3%	
18.5%	910	865	-45	-4.9%	
19.8%	906	852	-53	-5.9%	
21.0%	879	834	-45	-5.1%	
22.2%	871	822	-48	-5.5%	
23.5%	866	815	-51	-5.9%	
24.7%	831	803	-28	-3.4%	
25.9%	796	793	-3	-0.3%	
27.2%	794	776	-18	-2.3%	
28.4%	787	761	-26	-3.3%	
29.6%	781	756	-25	-3.3%	
30.9%	762	740	-23	-3.0%	
32.1%	737	729	-7	-1.0%	
33.3%	732	706	-26	-3.6%	
34.6%	727	696	-30	-4.2%	
35.8%	705	693	-13	-1.8%	
37.0%	657	678	21	3.2%	
38.3%	648	667	19	3.0%	
39.5%	645	650	4	0.6%	
40.7%	633	631	-2	-0.3%	
42.0%	629	605	-24	-3.8%	
43.2%	617	587	-30	-4.9%	
44.4%	581	582	1	0.2%	
45.7%	578	563	-15	-2.6%	
46.9%	575	561	-14	-2.4%	
48.1%	575	551	-24	-4.2%	
49.4%	570	546	-24	-4.3%	
50.6%	566	542	-23	-4.1%	
51.9%	562	536	-26	-4.6%	
53.1%	559	528	-30	-5.4%	
54.3%	550	525	-25	-4.5%	
55.6%	538	524	-15	-2.7%	
56.8%	537	522	-15	-2.8%	
58.0%	522	515	-7	-1.3%	
59.3%	510	493	-17	-3.3%	
60.5%	506	493	-13	-2.5%	
61.7%	501	492	-8	-1.7%	
63.0%	479	492	13	2.8%	
64.2%	477	480	3	0.6%	
65.4%	472	460	-12	-2.6%	
66.7%	471	448	-23	-4.8%	
67.9%	456	427	-29	-6.4%	
69.1%	440	412	-28	-6.3%	
70.4%	426	406	-20	-4.8%	
71.6%	417	397	-20	-4.8%	
72.8%	415	390	-25	-6.1%	
74.1%	410	388	-22	-5.3%	
75.3%	408	387	-21	-5.2%	
76.5%	404	373	-32	-7.8%	
77.8%	392	368	-24	-6.0%	
79.0%	384	352	-32	-8.5%	
80.2%	378	348	-30	-7.9%	
81.5%	372	341	-31	-8.2%	
82.7%	365	330	-35	-9.6%	
84.0%	350	327	-23	-6.6%	
85.2%	343	283	-60	-17.5%	
86.4%	340	281	-60	-17.5%	
87.7%	309	259	-51	-16.4%	
88.9%	280	254	-26	-9.2%	
90.1%	280	251	-28	-10.1%	
91.4%	275	230	-45	-16.4%	
92.6%	236	230	-6	-2.7%	
93.8%	215	227	12	5.6%	
95.1%	212	178	-35	-16.3%	
96.3%	197	177	-20	-10.2%	
97.5%	186	176	-10	-5.4%	
98.8%	182	174	-7	-4.1%	
100.0%	164	141	-23	-13.8%	

August					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	1,561	1,564	-7	-0.4%	
1.2%	1,191	1,191	0	0.0%	
2.5%	995	970	-25	-2.5%	
3.7%	962	886	-76	-7.9%	
4.9%	958	964	6	0.6%	
6.2%	942	930	-12	-1.3%	
7.4%	906	877	-29	-3.2%	
8.6%	862	855	-7	-0.8%	
9.9%	852	815	-37	-4.3%	
11.1%	841	801	-40	-4.7%	
12.3%	826	792	-34	-4.1%	
13.6%	795	775	-20	-2.5%	
14.8%	785	773	-12	-1.5%	
16.0%	782	762	-20	-2.5%	
17.3%	745	762	17	2.2%	
18.5%	745	754	9	1.3%	
19.8%	740	754	14	1.8%	
21.0%	726	725	-1	-0.1%	
22.2%	722	722	0	0.0%	
23.5%	688	711	23	3.4%	
24.7%	667	707	40	5.9%	
25.9%	635	689	54	8.6%	
27.2%	624	657	33	5.3%	
28.4%	622	652	30	4.8%	
29.6%	627	626	-1	-0.1%	
30.9%	603	617	14	2.4%	
32.1%	577	613	36	6.2%	
33.3%	545	550	5	0.8%	
34.6%	538	545	7	1.4%	
35.8%	522	543	21	3.9%	
37.0%	521	541	20	3.8%	
38.3%	513	540	27	5.3%	
39.5%	509	536	27	5.4%	
40.7%	484	529	45	9.3%	
42.0%	477	505	28	4.7%	
43.2%	474	498	24	4.6%	
44.4%	472	476	4	0.9%	
45.7%	448	476	27	6.1%	
46.9%	448	444	-4	-1.0%	
48.1%	440	437	-3	-0.8%	
49.4%	432	432	0	0.0%	
50.6%	426	422	-4	-0.9%	
51.9%	422	410	-13	-3.0%	
53.1%	414	409	-5	-1.1%	
54.3%	405	398	-8	-1.9%	
55.6%	405	393	-12	-3.0%	
56.8%	387	387	0	0.0%	
58.0%	377	378	1	0.3%	
59.3%	362	371	9	2.4%	
60.5%	361	369	8	2.1%	
61.7%	361	364	3	0.8%	
63.0%	361	355	-6	-1.6%	
64.2%	356	336	-20	-5.7%	
65.4%	355	335	-21	-5.8%	
66.7%	350	333	-16	-4.7%	
67.9%	348	331	-17	-4.8%	
69.1%	342	331	-11	-3.3%	
70.4%	331	329	-2	-0.6%	
71.6%	326	322	-4	-1.3%	
72.8%	307	305	-2	-0.5%	
74.1%	305	287	-18	-6.0%	
75.3%	304	278	-26	-8.6%	
76.5%	277	275	-2	-0.7%	
77.8%	252	266	14	5.7%	
79.0%	251	260	9	3.6%	
80.2%	250	260	10	3.8%	
81.5%	236	247	11	4.7%	
82.7%	220	240	20	9.0%	
84.0%	214	234	20	9.1%	
85.2%	213	214	1	0.5%	
86.4%	205	198	-6	-3.1%	
87.7%	189	197	8	4.4%	
88.9%	182	190	8	4.5%	
90.1%	179	184	5	2.6%	
91.4%	176	163	-13	-7.2%	
92.6%	174	145	-29	-16.6%	
93.8%	166	138	-28	-16.7%	
95					

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

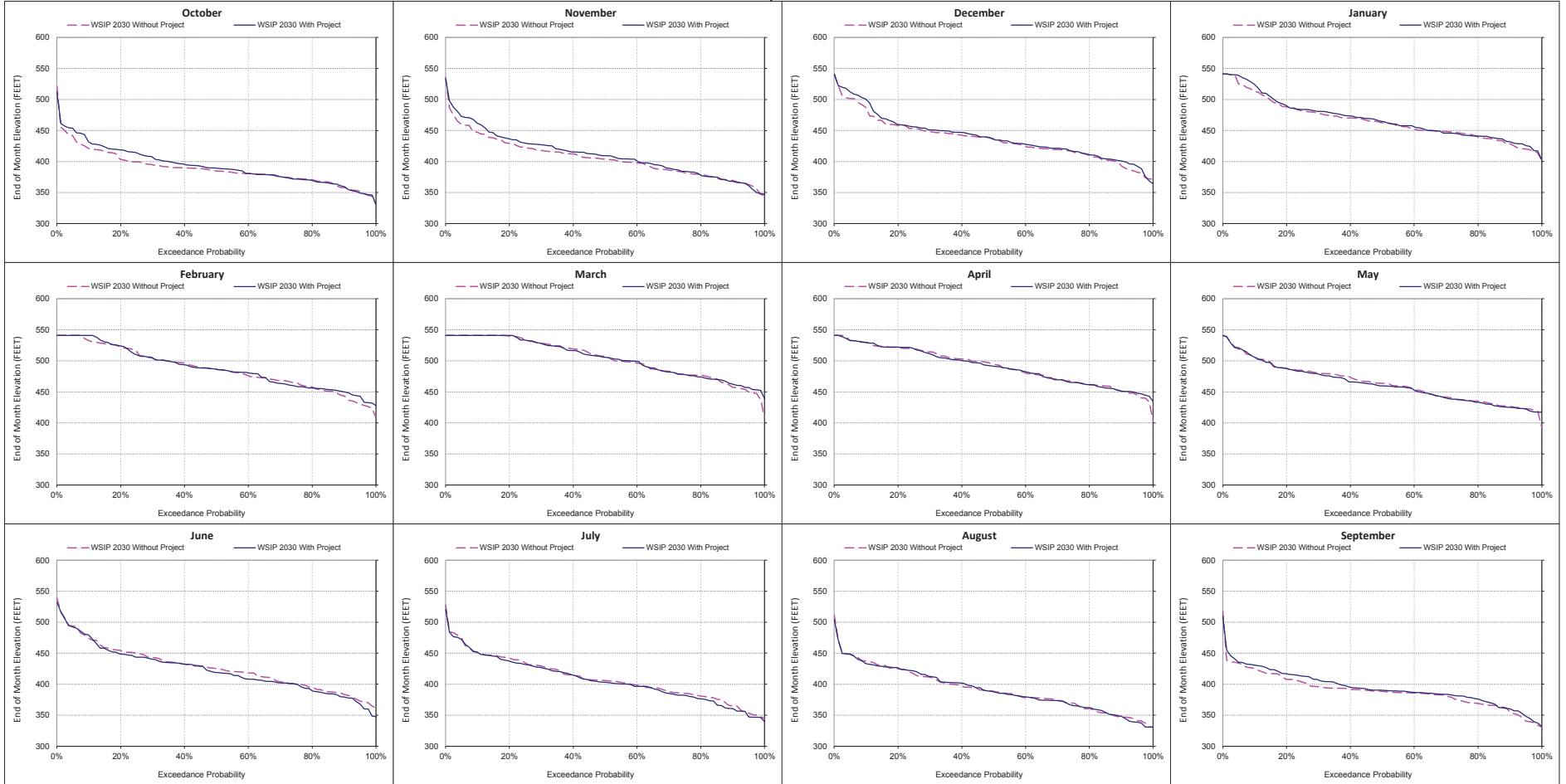


Table SW-42-b
San Luis Reservoir (SWP and CVP), End of Month Elevation
Probability of Exceedance

October					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Elevation (FEET)	WSIP 2030 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	522	512	-10	-1.9%	
1.2%	456	461	5	1.2%	
2.5%	450	457	7	1.5%	
3.7%	443	454	11	2.5%	
4.9%	442	454	12	2.8%	
6.2%	431	446	15	3.5%	
7.4%	428	446	18	4.1%	
8.6%	425	443	18	4.2%	
9.9%	421	432	11	2.5%	
11.1%	420	428	8	2.0%	
12.3%	419	428	9	2.1%	
13.6%	419	426	8	1.9%	
14.8%	417	424	7	1.7%	
16.0%	414	421	7	1.6%	
17.3%	414	420	6	1.4%	
18.5%	412	420	7	1.8%	
19.8%	404	419	15	3.7%	
21.0%	402	418	16	3.9%	
22.2%	401	416	15	3.8%	
23.5%	399	415	16	3.9%	
24.7%	400	415	15	3.8%	
25.9%	399	412	13	3.1%	
27.2%	397	410	13	3.2%	
28.4%	396	409	13	3.3%	
29.6%	395	408	13	3.2%	
30.9%	394	403	10	2.5%	
32.1%	393	402	9	2.3%	
33.3%	392	401	9	2.3%	
34.6%	392	401	9	2.3%	
35.8%	390	399	9	2.2%	
37.0%	390	398	7	1.9%	
38.3%	390	396	6	1.6%	
39.5%	390	396	6	1.6%	
40.7%	390	394	5	1.2%	
42.0%	389	394	5	1.2%	
43.2%	389	393	4	1.1%	
44.4%	389	393	4	1.1%	
45.7%	388	392	4	0.9%	
46.9%	387	390	3	0.7%	
48.1%	386	390	4	0.9%	
49.4%	385	390	5	1.2%	
50.6%	384	389	5	1.2%	
51.9%	384	388	4	1.0%	
53.1%	383	388	5	1.2%	
54.3%	383	387	4	1.1%	
55.6%	382	387	5	1.3%	
56.8%	381	386	5	1.2%	
58.0%	381	385	4	1.1%	
59.3%	381	381	0	0.1%	
60.5%	380	381	0	0.1%	
61.7%	380	380	0	-0.1%	
63.0%	380	379	-1	-0.2%	
64.2%	379	379	-1	-0.1%	
65.4%	379	379	-1	-0.2%	
66.7%	379	379	0	-0.1%	
67.9%	378	379	1	0.3%	
69.1%	378	377	1	0.2%	
70.4%	375	375	0	0.0%	
71.6%	374	375	0	0.0%	
72.8%	374	373	-1	-0.3%	
74.1%	373	374	1	0.4%	
75.3%	373	372	-1	-0.3%	
76.5%	372	371	-1	-0.2%	
77.8%	372	370	-1	-0.4%	
79.0%	372	370	-1	-0.4%	
80.2%	370	369	-1	-0.3%	
81.5%	369	367	-1	-0.4%	
82.7%	368	367	-1	-0.3%	
84.0%	367	366	-1	-0.3%	
85.2%	367	365	-2	-0.5%	
86.4%	365	364	-1	-0.3%	
87.7%	361	363	2	0.6%	
88.9%	358	361	3	0.8%	
90.1%	358	359	1	0.3%	
91.4%	356	355	-1	-0.2%	
92.6%	354	353	-1	-0.3%	
93.8%	354	352	-2	-0.6%	
95.1%	351	349	-2	-0.6%	
96.3%	348	348	0	0.1%	
97.5%	346	346	1	0.2%	
98.8%	344	346	2	0.6%	
100.0%	331	331	0	0.0%	

November					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Elevation (FEET)	WSIP 2030 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	536	533	-3	-0.5%	
1.2%	486	498	12	2.5%	
2.5%	475	488	12	2.6%	
3.7%	465	481	16	3.3%	
4.9%	460	473	13	2.7%	
6.2%	459	471	13	2.8%	
7.4%	458	470	12	2.7%	
8.6%	449	468	20	4.5%	
9.9%	447	462	15	3.3%	
11.1%	445	459	14	3.2%	
12.3%	444	454	10	2.3%	
13.6%	439	447	8	1.9%	
14.8%	438	447	9	1.9%	
16.0%	436	441	5	1.2%	
17.3%	435	440	4	1.0%	
18.5%	430	438	8	1.8%	
19.8%	429	437	7	1.7%	
21.0%	429	435	6	1.4%	
22.2%	426	435	9	2.1%	
23.5%	423	431	8	1.8%	
24.7%	423	430	7	1.5%	
25.9%	422	428	7	1.6%	
27.2%	421	428	7	1.7%	
28.4%	419	428	9	2.1%	
29.6%	418	428	9	2.2%	
30.9%	417	427	10	2.5%	
32.1%	416	426	9	2.2%	
33.3%	416	425	9	2.2%	
34.6%	415	421	5	1.3%	
35.8%	415	420	4	1.1%	
37.0%	413	418	5	1.2%	
38.3%	413	417	4	1.0%	
39.5%	412	415	3	0.8%	
40.7%	412	415	3	0.8%	
42.0%	409	415	6	1.5%	
43.2%	407	415	8	2.1%	
44.4%	406	413	7	1.6%	
45.7%	406	412	7	1.7%	
46.9%	406	412	6	1.5%	
48.1%	405	410	6	1.4%	
49.4%	404	409	5	1.3%	
50.6%	404	409	6	1.4%	
51.9%	403	409	6	1.5%	
53.1%	403	407	4	1.0%	
54.3%	400	405	5	1.2%	
55.6%	399	404	5	1.3%	
56.8%	398	404	6	1.3%	
58.0%	399	404	5	1.2%	
59.3%	398	404	6	1.5%	
60.5%	397	399	2	0.4%	
61.7%	397	398	0	0.1%	
63.0%	394	398	4	1.0%	
64.2%	392	397	5	1.4%	
65.4%	389	395	6	1.6%	
66.7%	388	395	7	1.7%	
67.9%	387	393	6	1.6%	
69.1%	387	390	3	0.7%	
70.4%	386	389	3	0.8%	
71.6%	385	387	2	0.5%	
72.8%	384	387	3	0.6%	
74.1%	383	384	1	0.1%	
75.3%	381	384	3	0.7%	
76.5%	381	383	3	0.7%	
77.8%	380	383	3	0.8%	
79.0%	380	381	1	0.4%	
80.2%	378	377	-1	-0.3%	
81.5%	378	376	-2	-0.5%	
82.7%	376	376	0	-0.1%	
84.0%	375	375	0	0.1%	
85.2%	373	375	2	0.6%	
86.4%	371	371	0	0.1%	
87.7%	371	371	0	0.0%	
88.9%	369	368	-1	-0.3%	
90.1%	368	368	-2	-0.4%	
91.4%	367	367	-1	-0.3%	
92.6%	366	366	0	0.1%	
93.8%	365	365	0	0.0%	
95.1%	363	361	-1	-0.4%	
96.3%	360	355	-5	-1.4%	
97.5%	356	350	-6	-1.5%	
98.8%	347	348	1	0.3%	
100.0%	345	347	2	0.6%	

December					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Elevation (FEET)	WSIP 2030 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	541	541	0	0.0%	
1.2%	523	523	0	0.0%	
2.5%	507	520	13	2.6%	
3.7%	503	518	15	3.1%	
4.9%	502	513	11	2.2%	
6.2%	501	509	7	1.4%	
7.4%	495	507	12	2.4%	
8.6%	492	503	11	2.3%	
9.9%	487	501	13	2.7%	
11.1%	474	495	21	4.5%	
12.3%	473	481	8	1.7%	
13.6%	467	476	9	2.0%	
14.8%	466	470	3	0.7%	
16.0%	461	469	8	1.8%	
17.3%	460	466	6	1.4%	
18.5%	460	464	5	1.0%	
19.8%	458	460	2	0.3%	
21.0%	458	459	1	0.2%	
22.2%	458	459	1	0.2%	
23.5%	453	457	3	0.7%	
24.7%	453	456	3	0.7%	
25.9%	453	456	3	0.6%	
27.2%	451	454	3	0.6%	
28.4%	449	454	5	1.1%	
29.6%	448	451	3	0.6%	
30.9%	448	451	3	0.7%	
32.1%	447	451	4	0.9%	
33.3%	447	450	3	0.7%	
34.6%	446	449	3	0.7%	
35.8%	445	449	4	0.9%	
37.0%	445	448	3	0.6%	
38.3%	443	447	4	0.9%	
39.5%	443	447	4	0.9%	
40.7%	442	446	5	1.1%	
42.0%	441	445	4	0.9%	
43.2%	441	443	2	0.4%	
44.4%	440	443	3	0.6%	
45.7%	439	440	1	0.1%	
46.9%	439	440	1	0.2%	
48.1%	439	439	0	0.1%	
49.4%	437	438	1	0.2%	
50.6%	435	435	0	-0.1%	
51.9%	433	434	0	0.2%	
53.1%	430	433	4	0.7%	
54.3%	430	433	3	0.8%	
55.6%	429	430	1	0.2%	
56.8%	429	430	1	0.2%	
58.0%	428	429	2	0.4%	
59.3%	427	429	2	0.4%	
60.5%	423	427	4	1.0%	
61.7%	423	426	3	0.8%	
63.0%	422	425	3	0.7%	
64.2%	422	424	2	0.6%	
65.4%	421	423	3	0.6%	
66.7%	421	423	3	0.6%	
67.9%	419	422	2	0.5%	
69.1%	419	421	2	0.5%	
70.4%	419	421	2	0.5%	
71.6%	419	420	2	0.4%	
72.8%	418	420	2	0.6%	
74.1%	417	417	0	-0.1%	
75.3%	415	416	2	0.4%	
76.5%	415	416	1	0.3%	
77.8%	414	413	0	-0.1%	
79.0%	412	412	1	0.2%	
80.2%	409	411	2	0.4%	
81.5%	407	410	3	0.7%	
82.7%	407	408	1	0.3%	
84.0%	403	405	2	0.5%	
85.2%	402	404	2	0.5%	
86.4%	402	404	2	0.5%	
87.7%	401	403	2	0.5%	
88.9%	399	402	2	0.6%	
90.1%	393	401	8	2.1%	
91.4%	389	400	11	2.7%	
92.6%	386	396	10	2.5%	
93.8%	385	396	10	2.7%	
95.1%	383	392	10	2.5%	
96.3%	382	388	7	1.8%	
97.5%	376	376	2	0.6%	
98.8%	372	369	-3	-0.9%	
100.0%	372	364	-8	-2.1%	

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

February					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Elevation (FEET)	WSIP 2030 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%	536	541	5	0.9%	
9.9%	533	541	8	1.6%	
11.1%	531	541	10	1.9%	
12.3%	530	538	8	1.6%	
13.6%	528	534	5	1.0%	
14.8%	528	531	3	0.5%	
16.0%	521	529	3	0.5%	
17.3%	526	526	0	0.0%	
18.5%	526	525	0	0.0%	
19.8%	522	524	2	0.3%	
21.0%	520	523	2	0.4%	
22.2%	520	519	-2	-0.3%	
23.5%	519	513	-5	-1.0%	
24.7%	517	510	-7	-1.3%	
25.9%	508	508	0	0.0%	
27.2%	507	507	1	0.1%	
28.4%	506	506	1	0.2%	
29.6%	505	506	1	0.2%	
30.9%	502	502	0	-0.1%	
32.1%	502	501	-1	-0.1%	
33.3%	501	501	0	0.0%	
34.6%	500	500	0	0.0%	
35.8%	499	499	0	-0.1%	
37.0%	498	498	0	-0.1%	
38.3%	497	495	-3	-0.5%	
39.5%	497	494	-3	-0.6%	
40.7%	494	493	-1	-0.2%	
42.0%	493	490	-3	-0.5%	
43.2%	491	489	-2	-0.4%	
44.4%	490	489	-2	-0.4%	
45.7%	489	488	-1	-0.3%	
46.9%	489	488	0	-0.1%	
48.1%	488	487	0	-0.1%	
49.4%	487	487	0	-0.1%	
50.6%	486	486	0	0.0%	
51.9%	485	486	1	0.2%	
53.1%	484	484	0	0.1%	
54.3%	483	483	1	0.1%	
55.6%	481	482	1	0.2%	
56.8%	481	482	1	0.2%	
58.0%	480	481	2	0.4%	
59.3%	478	481	4	0.8%	
60.5%	475	480	6	1.2%	
61.7%	474	480	5	1.1%	
63.0%	473	479	6	1.2%	
64.2%	473	473	1	0.2%	
65.4%	473	473	0	0.0%	
66.7%	470	467	-4	-0.8%	
67.9%	470	465	-4	-1.0%	
69.1%	468	464	-4	-0.9%	
70.4%	468	464	-5	-1.0%	
71.6%	468	463	-5	-1.1%	
72.8%	466	461	-5	-1.1%	
74.1%	465	460	-5	-1.1%	
75.3%	464	458	-6	-1.3%	
76.5%	461	458	-2	-0.5%	
77.8%	459	457	-2	-0.4%	
79.0%	458	456	-2	-0.5%	
80.2%	458	456	-1	-0.3%	
81.5%	454	455	1	0.3%	
82.7%	454	455	2	0.3%	
84.0%	452	455	3	0.6%	
85.2%	451	453	2	0.5%	
86.4%	451	453	2	0.4%	
87.7%	448	453	5	1.0%	
88.9%	445	456	6	1.4%	
90.1%	443	450	7	1.5%	
91.4%	438	448	12	2.7%	
92.6%	436	445	9	2.2%	
93.8%	433	444	11	2.5%	
95.1%	430	443	13	3.0%	
96.3%	428	433	5	1.2%	
97.5%	426	433	6	1.4%	
98.8%	423	432	9	2.0%	
100.0%	409	428	19	4.8%	

March					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Elevation (FEET)	WSIP 2030 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	541	1	0.2%	
21.0%	540	541	1	0.2%	
22.2%	539	538	-1	-0.3%	
23.5%	537	534	-4	-0.7%	
24.7%	535	533	-1	-0.2%	
25.9%	532	532	0	0.0%	
27.2%	531	532	1	0.1%	
28.4%	530	529	0	0.0%	
29.6%	529	529	0	0.0%	
30.9%	528	526	-2	-0.3%	
32.1%	527	525	-2	-0.4%	
33.3%	526	524	-2	-0.3%	
34.6%	524	523	-1	-0.2%	
35.8%	524	523	-1	-0.2%	
37.0%	521	520	-1	-0.1%	
38.3%	521	517	-4	-0.7%	
39.5%	520	517	-3	-0.6%	
40.7%	519	516	-2	-0.5%	
42.0%	517	514	-3	-0.5%	
43.2%	511	511	0	-1.2%	
44.4%	514	510	-4	-0.9%	
45.7%	511	509	-2	-0.3%	
46.9%	510	508	-2	-0.3%	
48.1%	508	507	-1	-0.1%	
49.4%	507	506	-2	-0.4%	
50.6%	507	505	-2	-0.3%	
51.9%	503	504	1	0.2%	
53.1%	500	503	3	0.6%	
54.3%	499	502	3	0.6%	
55.6%	499	500	1	0.2%	
56.8%	499	500	2	0.3%	
58.0%	498	500	2	0.4%	
59.3%	497	499	2	0.5%	
60.5%	496	499	3	0.6%	
61.7%	495	493	-2	-0.5%	
63.0%	492	490	-2	-0.4%	
64.2%	487	489	2	0.4%	
65.4%	487	488	2	0.3%	
66.7%	485	485	1	0.2%	
67.9%	483	484	1	0.2%	
69.1%	483	482	-1	-0.2%	
70.4%	483	482	-1	-0.2%	
71.6%	481	481	0	0.0%	
72.8%	478	479	1	0.1%	
74.1%	478	478	0	0.0%	
75.3%	478	478	0	0.0%	
76.5%	477	476	-1	-0.2%	
77.8%	477	476	-1	-0.2%	
79.0%	477	474	-2	-0.5%	
80.2%	477	474	-3	-0.6%	
81.5%	475	472	-3	-0.7%	
82.7%	473	471	-3	-0.6%	
84.0%	472	470	-2	-0.4%	
85.2%	470	470	0	-0.1%	
86.4%	465	469	4	0.8%	
87.7%	464	465	3	0.7%	
88.9%	461	464	3	0.6%	
90.1%	457	462	5	1.2%	
91.4%	457	461	4	0.8%	
92.6%	456	460	4	0.9%	
93.8%	454	457	3	0.7%	
95.1%	450	457	7	1.6%	
96.3%	449	454	5	1.1%	
97.5%	447	453	6	1.4%	
98.8%	437	452	15	3.4%	
100.0%	409	439	30	7.3%	

April					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Elevation (FEET)	WSIP 2030 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	539	-2	-0.5%	
3.7%	539	536	-3	-0.5%	
4.9%	533	533	0	0.0%	
6.2%	533	533	0	0.0%	
7.4%	531	531	1	0.1%	
8.6%	530	530	0	0.1%	
9.9%	529	530	0	0.1%	
11.1%	529	529	0	-0.1%	
12.3%	525	528	4	0.7%	
13.6%	524	525	1	0.2%	
14.8%	523	523	-1	-0.1%	
16.0%	523	522	-1	-0.1%	
17.3%	522	522	0	0.0%	
18.5%	522	522	0	0.0%	
19.8%	522	520	0	0.0%	
21.0%	521	522	1	0.2%	
22.2%	522	522	2	0.3%	
23.5%	520	522	2	0.3%	
24.7%	519	520	1	0.2%	
25.9%	519	517	-1	-0.3%	
27.2%	517	516	-1	-0.1%	
28.4%	516	514	-2	-0.5%	
29.6%	514	512	-2	-0.4%	
30.9%	514	510	-4	-0.8%	
32.1%	511	507	-4	-0.9%	
33.3%	508	505	-3	-0.7%	
34.6%	508	504	-3	-0.6%	
35.8%	508	503	-5	-0.9%	
37.0%	504	502	-2	-0.4%	
38.3%	504	502	-2	-0.4%	
39.5%	503	501	-2	-0.4%	
40.7%	503	500	-3	-0.6%	
42.0%	499	499	-3	-0.6%	
43.2%	497	497	-2	-0.4%	
44.4%	499	497	-2	-0.4%	
45.7%	499	496	-3	-0.5%	
46.9%	498	493	-5	-1.0%	
48.1%	497	493	-5	-1.0%	
49.4%	495	492	-3	-0.7%	
50.6%	494	491	-3	-0.6%	
51.9%	493	490	-2	-0.5%	
53.1%	488	489	1	0.1%	
54.3%	487	488	1	0.3%	
55.6%	487	486	-1	-0.2%	
56.8%	486	486	0	0.0%	
58.0%	484	485	1	0.3%	
59.3%	482	483	1	0.3%	
60.5%	479	482	3	0.5%	
61.7%	479	480	1	0.3%	
63.0%	478	479	1	0.2%	
64.2%	477	479	2	0.4%	
65.4%	477	475	-2	-0.4%	
66.7%	472	474	2	0.1%	
67.9%	471	473	2	0.3%	
69.1%	471	470	-1	-0.2%	
70.4%	469	469	-1	-0.1%	
71.6%	469	469	1	0.2%	
72.8%	468	466	-1	-0.3%	
74.1%	467	465	-2	-0.5%	
75.3%	466	465	-1	-0.1%	
76.5%	465	465	0	0.0%	
77.8%	464	463	-1	-0.2%	
79.0%	462	462	0	0.0%	
80.2%	461	462	0	0.1%	
81.5%	461	461	0	0.1%	
82.7%	461	458	-2	-0.5%	
84.0%	460	457	-2	-0.5%	
85.2%	459	456	-3	-0.7%	
86.4%	459	456	-3	-0.7%	
87.7%	454	455	3	0.2%	
88.9%	453	452	-1	-0.2%	
90.1%	451	451	0	0.0%	
91.4%	451	451	0	0.0%	
92.6%	448	451	3	0.6%	
93.8%	448	450	2	0.4%	
95.1%	445	447	3	0.7%	
96.3%	440	447	7	1.5%	
97.5%	440	445	5	1.1%	
98.8%	434	443	9	2.1%	
100.0%	403	435	32	8.0%	

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

June					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Elevation (FEET)	WSIP 2030 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	539	532	-7	-1.3%	
1.2%	517	516	0	0.0%	
2.5%	507	505	-2	-0.3%	
3.7%	495	494	0	0.0%	
4.9%	494	492	-2	-0.3%	
6.2%	492	490	-2	-0.5%	
7.4%	483	485	3	0.5%	
8.6%	479	481	1	0.3%	
9.9%	474	475	0	0.0%	
11.1%	471	473	2	0.5%	
12.3%	471	466	-5	-1.0%	
13.6%	463	458	-5	-1.1%	
14.8%	459	458	-1	-0.2%	
16.0%	458	455	-4	-0.8%	
17.3%	456	452	-4	-0.8%	
18.5%	455	452	-4	-0.8%	
19.8%	455	449	-6	-1.3%	
21.0%	452	448	-4	-0.8%	
22.2%	451	447	-5	-1.0%	
23.5%	451	446	-5	-1.1%	
24.7%	450	444	-7	-1.5%	
25.9%	449	443	-6	-1.2%	
27.2%	448	443	-5	-1.0%	
28.4%	444	442	-2	-0.4%	
29.6%	443	441	-2	-0.5%	
30.9%	443	440	-3	-0.7%	
32.1%	441	437	-5	-1.0%	
33.3%	436	432	-5	-1.0%	
34.6%	436	435	-1	-0.2%	
35.8%	436	435	-1	-0.2%	
37.0%	435	435	0	0.0%	
38.3%	435	434	-1	-0.2%	
39.5%	433	432	0	0.0%	
40.7%	432	432	0	0.0%	
42.0%	432	432	0	0.0%	
43.2%	429	430	1	0.3%	
44.4%	429	430	1	0.3%	
45.7%	429	429	0	0.0%	
46.9%	427	422	-5	-1.1%	
48.1%	426	421	-5	-1.3%	
49.4%	426	419	-7	-1.6%	
50.6%	424	419	-5	-1.2%	
51.9%	424	418	-6	-1.4%	
53.1%	422	417	-5	-1.0%	
54.3%	421	417	-4	-0.9%	
55.6%	420	414	-6	-1.5%	
56.8%	420	414	-6	-1.4%	
58.0%	420	411	-9	-2.1%	
59.3%	419	408	-10	-2.4%	
60.5%	418	408	-10	-2.4%	
61.7%	418	408	-10	-2.4%	
63.0%	413	407	-6	-1.5%	
64.2%	412	406	-6	-1.4%	
65.4%	411	404	-7	-1.7%	
66.7%	411	404	-7	-1.6%	
67.9%	408	404	-4	-1.0%	
69.1%	405	402	-3	-0.7%	
70.4%	404	402	-2	-0.4%	
71.6%	403	402	-1	-0.2%	
72.8%	401	401	0	0.0%	
74.1%	401	401	0	0.0%	
75.3%	399	400	0	0.1%	
76.5%	399	396	-4	-0.9%	
77.8%	398	394	-5	-1.2%	
79.0%	395	393	-3	-0.6%	
80.2%	395	389	-6	-1.6%	
81.5%	391	388	-4	-0.9%	
82.7%	391	387	-4	-1.1%	
84.0%	388	385	-3	-0.7%	
85.2%	388	384	-4	-0.9%	
86.4%	387	384	-3	-0.8%	
87.7%	386	383	-3	-0.9%	
88.9%	386	380	-6	-1.6%	
90.1%	383	379	-4	-1.1%	
91.4%	382	378	-4	-1.1%	
92.6%	379	377	-2	-0.5%	
93.8%	376	372	-4	-1.0%	
95.1%	372	368	-5	-1.3%	
96.3%	370	360	-10	-2.8%	
97.5%	365	360	-5	-1.4%	
98.8%	362	349	-13	-3.6%	
100.0%	362	348	-14	-3.9%	

July					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Elevation (FEET)	WSIP 2030 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	528	521	-7	-1.4%	
1.2%	484	484	0	0.0%	
2.5%	483	477	-6	-1.3%	
3.7%	479	476	-4	-0.8%	
4.9%	475	474	-2	-0.4%	
6.2%	462	464	2	0.4%	
7.4%	459	459	0	0.0%	
8.6%	454	453	-1	-0.2%	
9.9%	452	453	0	0.0%	
11.1%	450	448	-2	-0.4%	
12.3%	447	447	0	0.0%	
13.6%	447	447	0	0.0%	
14.8%	446	445	-1	-0.2%	
16.0%	446	445	-1	-0.3%	
17.3%	444	440	-4	-0.9%	
18.5%	443	439	-5	-1.2%	
19.8%	443	437	-6	-1.2%	
21.0%	440	436	-5	-1.1%	
22.2%	439	434	-5	-1.1%	
23.5%	439	434	-5	-1.2%	
24.7%	435	432	-3	-0.7%	
25.9%	431	430	-1	-0.1%	
27.2%	431	429	-2	-0.5%	
28.4%	431	428	-3	-0.6%	
29.6%	430	427	-3	-0.6%	
30.9%	428	425	-3	-0.6%	
32.1%	425	424	-1	-0.2%	
33.3%	425	422	-3	-0.7%	
34.6%	424	421	-3	-0.8%	
35.8%	422	420	-2	-0.3%	
37.0%	416	419	2	0.6%	
38.3%	415	417	2	0.5%	
39.5%	415	415	0	0.1%	
40.7%	414	413	0	-0.1%	
42.0%	413	410	-3	-0.7%	
43.2%	408	408	0	0.1%	
44.4%	407	408	0	0.0%	
45.7%	407	405	-2	-0.4%	
46.9%	407	405	-2	-0.4%	
48.1%	407	404	-3	-0.7%	
49.4%	406	403	-3	-0.7%	
50.6%	406	403	-3	-0.7%	
51.9%	405	402	-3	-0.8%	
53.1%	405	401	-4	-0.9%	
54.3%	404	401	-3	-0.8%	
55.6%	402	400	-2	-0.5%	
56.8%	402	400	-2	-0.5%	
58.0%	400	399	-1	-0.2%	
59.3%	399	397	-2	-0.5%	
60.5%	398	397	-2	-0.4%	
61.7%	398	397	-1	-0.3%	
63.0%	395	396	2	0.4%	
64.2%	395	395	0	0.1%	
65.4%	394	392	-2	-0.4%	
66.7%	394	391	-3	-0.8%	
67.9%	392	388	-4	-1.0%	
69.1%	390	386	-4	-1.0%	
70.4%	388	385	-4	-1.0%	
71.6%	386	384	-3	-0.7%	
72.8%	386	383	-4	-0.9%	
74.1%	385	382	-3	-0.8%	
75.3%	385	382	-3	-0.8%	
76.5%	385	380	-5	-1.2%	
77.8%	383	379	-3	-0.9%	
79.0%	382	377	-5	-1.3%	
80.2%	381	376	-4	-1.2%	
81.5%	380	375	-5	-1.2%	
82.7%	379	374	-5	-1.4%	
84.0%	378	373	-5	-1.3%	
85.2%	376	366	-10	-2.5%	
86.4%	375	366	-10	-2.5%	
87.7%	370	362	-8	-2.3%	
88.9%	366	361	-4	-1.2%	
90.1%	365	361	-5	-1.3%	
91.4%	365	357	-8	-2.2%	
92.6%	358	357	-1	-0.3%	
93.8%	354	356	2	0.6%	
95.1%	354	347	-7	-1.9%	
96.3%	351	347	-4	-1.1%	
97.5%	350	347	-3	-0.9%	
98.8%	348	346	-2	-0.4%	
100.0%	344	340	-5	-1.3%	

August					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Elevation (FEET)	WSIP 2030 With Project End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	512	504	-8	-1.5%	
1.2%	471	471	0	0.0%	
2.5%	452	449	-2	-0.6%	
3.7%	449	449	0	0.1%	
4.9%	448	447	-1	0.1%	
6.2%	447	445	-2	-0.3%	
7.4%	443	440	-3	-0.7%	
8.6%	438	438	0	0.0%	
9.9%	437	433	-4	-0.9%	
11.1%	436	432	-4	-1.0%	
12.3%	435	431	-4	-0.8%	
13.6%	431	429	-2	-0.5%	
14.8%	430	429	-1	-0.3%	
16.0%	430	428	-2	-0.5%	
17.3%	426	428	2	0.4%	
18.5%	426	427	1	0.2%	
19.8%	426	427	1	0.3%	
21.0%	424	424	0	0.0%	
22.2%	424	424	0	0.1%	
23.5%	420	422	3	0.6%	
24.7%	417	422	4	1.1%	
25.9%	414	420	6	1.5%	
27.2%	413	416	4	0.9%	
28.4%	412	416	3	0.8%	
29.6%	412	413	1	0.3%	
30.9%	410	412	2	0.4%	
32.1%	407	411	4	1.0%	
33.3%	403	404	1	0.1%	
34.6%	402	403	1	0.2%	
35.8%	400	403	3	0.6%	
37.0%	400	403	2	0.6%	
38.3%	399	403	3	0.9%	
39.5%	399	402	3	0.9%	
40.7%	395	401	6	1.4%	
42.0%	395	398	3	0.7%	
43.2%	395	397	3	0.7%	
44.4%	394	394	1	0.0%	
45.7%	391	394	4	0.9%	
46.9%	391	390	-1	-0.2%	
48.1%	390	389	0	-0.1%	
49.4%	389	388	-1	-0.2%	
50.6%	388	387	-1	-0.1%	
51.9%	387	385	-2	-0.5%	
53.1%	386	385	-1	-0.2%	
54.3%	385	384	-1	-0.3%	
55.6%	385	383	-2	-0.5%	
56.8%	382	382	0	0.0%	
58.0%	381	381	0	0.0%	
59.3%	378	380	1	0.3%	
60.5%	378	379	1	0.3%	
61.7%	378	379	0	0.1%	
63.0%	378	377	-1	-0.2%	
64.2%	378	375	-3	-0.8%	
65.4%	377	374	-3	-0.8%	
66.7%	377	374	-3	-0.7%	
67.9%	376	374	-2	-0.7%	
69.1%	376	374	-2	-0.5%	
70.4%	374	374	0	0.1%	
71.6%	373	372	-1	-0.2%	
72.8%	370	370	0	-0.1%	
74.1%	370	367	-3	-0.8%	
75.3%	369	365	-4	-1.2%	
76.5%	365	365	0	-0.1%	
77.8%	361	363	2	0.7%	
79.0%	361	362	2	0.4%	
80.2%	360	362	2	0.5%	
81.5%	358	360	2	0.6%	
82.7%	355	359	4	1.0%	
84.0%	354	358	4	1.0%	
85.2%	354	354	0	0.1%	
86.4%	352	351	-1	-0.3%	
87.7%	349	351	2	0.5%	
88.9%	348	350	2	0.5%	
90.1%	347	348	1	0.3%	
91.4%	347	344	-3	-0.7%	
92.6%	346	341	-6	-1.7%	
93.8%	345	339	-6	-1.6%	
95.1%	341	339	-2	-0.7%	
96.3%	341	337	-4	-1.0%	
97.5%	331	331	0	0.0%	
98.8%	331	331	0	0.0%	
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

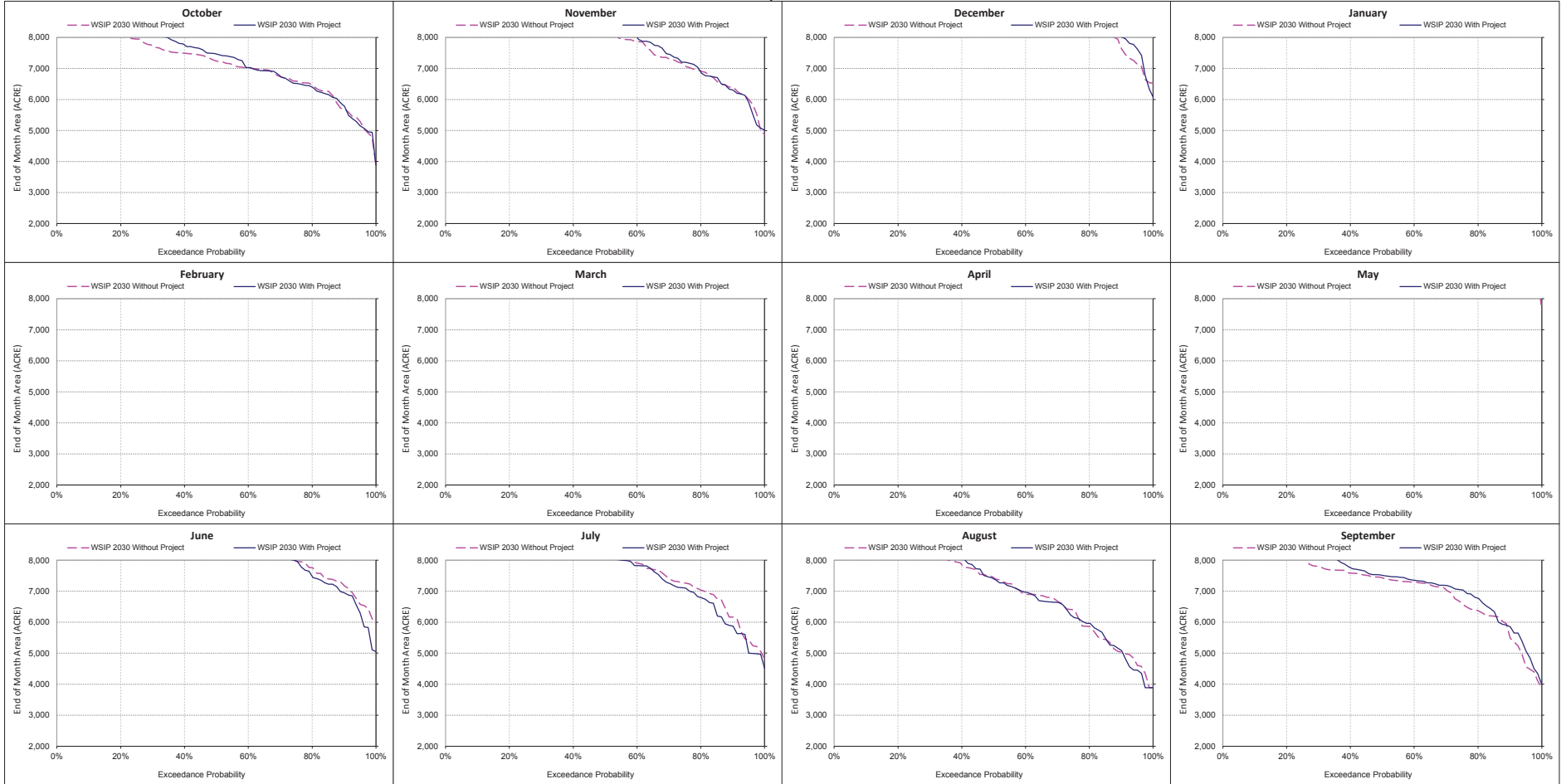


Table SW-43-b
San Luis Reservoir (SWP and CVP), End of Month Area
Probability of Exceedance

October				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Area (ACRE)	WSIP 2030 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	12,130	11,840	-290	-2.4%
1.2%	10,060	10,040	-20	-0.2%
2.5%	9,870	10,098	228	2.3%
3.7%	9,642	10,023	380	3.9%
4.9%	9,596	10,008	412	4.3%
6.2%	9,230	9,752	521	5.6%
7.4%	9,118	9,734	616	6.8%
8.6%	9,013	9,647	635	7.0%
9.9%	8,856	9,247	391	4.4%
11.1%	8,805	9,115	310	3.5%
12.3%	8,778	9,103	326	3.7%
13.6%	8,753	9,054	302	3.4%
14.8%	8,685	8,954	269	3.1%
16.0%	8,594	8,849	254	3.0%
17.3%	8,587	8,810	224	2.6%
18.5%	8,506	8,797	290	3.4%
19.8%	8,139	8,421	282	3.5%
21.0%	8,087	8,742	655	8.1%
22.2%	8,012	8,552	540	6.8%
23.5%	7,964	8,630	666	8.4%
24.7%	7,953	8,601	649	8.2%
25.9%	7,948	8,488	540	6.8%
27.2%	7,837	8,397	560	7.1%
28.4%	7,777	8,353	576	7.4%
29.6%	7,756	8,324	567	7.3%
30.9%	7,682	8,134	452	5.9%
32.1%	7,662	8,087	425	5.5%
33.3%	7,597	8,019	422	5.6%
34.6%	7,580	8,003	423	5.6%
35.8%	7,527	7,933	406	5.4%
37.0%	7,517	7,873	357	4.7%
38.3%	7,506	7,812	306	4.1%
39.5%	7,497	7,791	294	3.9%
40.7%	7,486	7,710	225	3.0%
42.0%	7,473	7,707	234	3.1%
43.2%	7,468	7,689	203	2.7%
44.4%	7,439	7,657	218	2.9%
45.7%	7,421	7,603	182	2.5%
46.9%	7,375	7,504	130	1.8%
48.1%	7,313	7,491	179	2.4%
49.4%	7,257	7,488	231	3.2%
50.6%	7,223	7,452	229	3.2%
51.9%	7,213	7,417	204	2.8%
53.1%	7,167	7,403	236	3.3%
54.3%	7,155	7,378	223	3.1%
55.6%	7,089	7,351	262	3.7%
56.8%	7,053	7,299	236	3.4%
58.0%	7,042	7,256	214	3.0%
59.3%	7,017	7,034	17	0.2%
60.5%	7,009	7,027	18	0.3%
61.7%	6,998	6,981	-18	-0.3%
63.0%	6,981	6,942	-39	-0.6%
64.2%	6,980	6,930	-50	-0.7%
65.4%	6,958	6,923	-35	-0.5%
66.7%	6,939	6,922	-17	-0.2%
67.9%	6,856	6,912	56	0.8%
69.1%	6,771	6,821	50	0.7%
70.4%	6,726	6,719	-7	-0.1%
71.6%	6,683	6,690	7	0.1%
72.8%	6,673	6,600	-73	-1.1%
74.1%	6,597	6,522	-76	-1.1%
75.3%	6,587	6,520	-67	-1.0%
76.5%	6,538	6,484	-54	-0.8%
77.8%	6,537	6,457	-80	-1.2%
79.0%	6,529	6,452	-77	-1.2%
80.2%	6,451	6,387	-64	-1.0%
81.5%	6,344	6,267	-78	-1.2%
82.7%	6,288	6,231	-57	-0.9%
84.0%	6,267	6,205	-62	-1.1%
85.2%	6,263	6,155	-108	-1.7%
86.4%	6,127	6,070	-57	-0.9%
87.7%	5,900	6,038	138	2.3%
88.9%	5,720	5,893	174	3.0%
90.1%	5,707	5,778	71	1.2%
91.4%	5,593	5,492	-101	-1.8%
92.6%	5,453	5,386	-66	-1.2%
93.8%	5,426	5,295	-131	-2.4%
95.1%	5,288	5,147	-141	-2.7%
96.3%	5,042	5,065	23	0.5%
97.5%	4,917	4,957	40	0.8%
98.8%	4,793	4,942	149	3.1%
100.0%	3,889	3,889	0	0.0%

November				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Area (ACRE)	WSIP 2030 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	12,528	12,452	-76	-0.6%
1.2%	11,049	11,427	378	3.4%
2.5%	10,709	11,111	402	3.8%
3.7%	10,376	10,883	507	4.9%
4.9%	10,206	10,621	414	4.1%
6.2%	10,160	10,575	415	4.1%
7.4%	10,147	10,551	404	4.0%
8.6%	9,806	10,469	663	6.8%
9.9%	9,789	10,278	490	5.0%
11.1%	9,689	10,173	484	5.0%
12.3%	9,668	10,019	351	3.6%
13.6%	9,499	9,784	285	3.0%
14.8%	9,473	9,760	287	3.0%
16.0%	9,396	9,579	183	1.9%
17.3%	9,368	9,521	153	1.6%
18.5%	9,197	9,474	277	3.0%
19.8%	9,156	9,420	263	2.9%
21.0%	9,153	9,369	216	2.4%
22.2%	9,033	9,355	322	3.6%
23.5%	8,939	9,220	281	3.1%
24.7%	8,936	9,176	240	2.7%
25.9%	8,872	9,127	255	2.9%
27.2%	8,847	9,115	268	3.0%
28.4%	8,767	8,965	198	2.3%
29.6%	8,746	8,993	247	2.8%
30.9%	8,702	9,062	360	4.1%
32.1%	8,671	9,022	351	4.0%
33.3%	8,662	9,013	352	4.1%
34.6%	8,631	8,833	203	2.3%
35.8%	8,623	8,798	172	2.0%
37.0%	8,539	8,744	204	2.4%
38.3%	8,525	8,690	165	1.9%
39.5%	8,503	8,628	126	1.5%
40.7%	8,485	8,623	138	1.6%
42.0%	8,366	8,618	253	3.0%
43.2%	8,265	8,610	345	4.2%
44.4%	8,256	8,533	277	3.4%
45.7%	8,229	8,513	285	3.5%
46.9%	8,225	8,484	259	3.1%
48.1%	8,191	8,424	233	2.8%
49.4%	8,159	8,385	226	2.8%
50.6%	8,141	8,383	242	3.0%
51.9%	8,106	8,367	261	3.2%
53.1%	8,093	8,271	178	2.2%
54.3%	7,979	8,194	215	2.7%
55.6%	7,947	8,176	229	2.9%
56.8%	7,932	8,163	231	2.9%
58.0%	7,928	8,151	223	2.8%
59.3%	7,884	8,150	266	3.4%
60.5%	7,863	7,934	71	0.9%
61.7%	7,856	7,878	22	0.3%
63.0%	7,692	7,878	186	2.4%
64.2%	7,586	7,847	261	3.4%
65.4%	7,440	7,749	308	4.1%
66.7%	7,400	7,728	328	4.4%
67.9%	7,357	7,655	298	4.0%
69.1%	7,357	7,487	130	1.8%
70.4%	7,294	7,448	152	2.1%
71.6%	7,275	7,365	89	1.2%
72.8%	7,210	7,329	119	1.7%
74.1%	7,170	7,198	28	0.4%
75.3%	7,066	7,197	131	1.8%
76.5%	7,025	7,164	140	2.0%
77.8%	6,976	7,132	157	2.2%
79.0%	6,965	7,043	78	1.1%
80.2%	6,907	6,852	-54	-0.8%
81.5%	6,875	6,767	-108	-1.6%
82.7%	6,767	6,755	-12	-0.2%
84.0%	6,702	6,729	28	0.4%
85.2%	6,576	6,701	124	1.9%
86.4%	6,488	6,499	11	0.2%
87.7%	6,471	6,477	6	0.1%
88.9%	6,399	6,339	-59	-0.9%
90.1%	6,368	6,302	-66	-1.0%
91.4%	6,271	6,201	-70	-1.1%
92.6%	6,171	6,165	-6	0.0%
93.8%	6,133	6,131	-2	0.0%
95.1%	5,996	5,905	-90	-1.5%
96.3%	5,843	5,531	-312	-5.3%
97.5%	5,827	5,183	-644	-11.1%
98.8%	5,001	5,077	77	1.5%
100.0%	4,875	4,875	0	0.0%

December				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Area (ACRE)	WSIP 2030 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	12,696	12,696	0	0.0%
1.2%	12,678	12,166	-513	-4.1%
2.5%	11,699	12,077	378	3.2%
3.7%	11,571	12,025	455	3.9%
4.9%	11,542	11,868	325	2.8%
6.2%	11,536	11,750	213	1.8%
7.4%	11,343	11,701	359	3.2%
8.6%	11,239	11,564	325	2.9%
9.9%	11,100	11,514	414	3.7%
11.1%	10,653	11,328	676	6.3%
12.3%	10,630	10,889	259	2.4%
13.6%	10,424	10,733	309	3.0%
14.8%	10,419	10,521	102	1.0%
16.0%	10,226	10,496	270	2.6%
17.3%	10,208	10,416	209	2.0%
18.5%	10,192	10,343	151	1.5%
19.8%	10,153	10,203	50	0.5%
21.0%	10,151	10,175	24	0.2%
22.2%	10,132	10,049	-83	-0.8%
23.5%	9,987	10,099	112	1.1%
24.7%	9,979	10,078	99	1.0%
25.9%	9,975	10,068	93	0.9%
27.2%	9,912	10,000	88	0.9%
28.4%	9,862	10,000	138	1.6%
29.6%	9,809	9,906	97	1.0%
30.9%	9,792	9,901	109	1.1%
32.1%	9,760	9,893	133	1.4%
33.3%	9,760	9,865	106	1.1%
34.6%	9,747	9,856	109	1.1%
35.8%	9,711	9,847	136	1.4%
37.0%	9,703	9,791	88	0.9%
38.3%	9,647	9,781	134	1.4%
39.5%	9,631	9,770	139	1.4%
40.7%	9,587	9,754	167	1.7%
42.0%	9,562	9,701	139	1.5%
43.2%	9,554	9,663	109	1.1%
44.4%	9,537	9,625	88	0.9%
45.7%	9,511	9,533	22	0.2%
46.9%	9,507	9,532	25	0.3%
48.1%	9,496	9,505	9	0.1%
49.4%	9,422	9,447	25	0.3%
50.6%	9,357	9,342	-15	-0.2%
51.9%	9,305	9,341	36	0.4%
53.1%	9,187	9,300	113	1.2%
54.3%	9,180	9,297	117	1.3%
55.6%	9,157	9,195	38	0.4%
56.8%	9,137	9,169	32	0.4%
58.0%	9,093	9,149	55	0.6%
59.3%	9,071	9,136	65	0.7%
60.5%	8,935	9,091	156	1.7%
61.7%	8,932	9,052	121	1.3%
63.0%	8,894	9,008	113	1.3%
64.2%	8,872	8,961	89	1.0%
65.4%	8,841	8,938	95	1.1%
66.7%	8,831	8,934	103	1.2%
67.9%	8,788	8,870	82	0.9%
69.1%	8,786	8,867	81	0.9%
70.4%	8,783	8,857	74	0.8%
71.6%	8,766	8,828	62	0.7%
72.8%	8,718	8,817	98	1.1%
74.1%	8,709	8,695	-14	-0.2%
75.3%	8,602	8,669	67	0.8%
76.5%	8,599	8,647	48	0.6%
77.8%	8,563	8,548	-15	-0.2%
79.0%	8,480	8,510	30	0.4%
80.2%	8,373	8,448	75	0.9%
81.5%	8,298	8,426	128	1.5%
82.7%	8,287	8,345	57	0.7%
84.0%	8,117	8,177	59	0.7%
85.2%	8,073	8,169	95	1.2%
86.4%	8,064	8,150	87	1.1%
87.7%	8,010	8,104	94	1.2%
88.9%	7,947	8,049	103	1.3%
90.1%	7,629	8,018	389	5.1%
91.4%	7,4			

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

February				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Area (ACRE)	WSIP 2030 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%	12,543	12,696	152	1.2%
9.9%	12,440	12,696	255	2.1%
11.1%	12,387	12,696	308	2.5%
12.3%	12,363	12,609	246	2.0%
13.6%	12,318	12,475	156	1.3%
14.8%	12,304	12,380	77	0.6%
16.0%	12,272	12,344	72	0.6%
17.3%	12,259	12,254	-6	0.0%
18.5%	12,238	12,233	-5	0.0%
19.8%	12,150	12,197	47	0.4%
21.0%	12,100	12,160	60	0.5%
22.2%	12,088	12,039	-49	-0.4%
23.5%	12,049	11,895	-154	-1.3%
24.7%	12,003	11,803	-200	-1.7%
25.9%	11,738	11,732	-6	-0.1%
27.2%	11,697	11,716	19	0.2%
28.4%	11,660	11,683	23	0.2%
29.6%	11,642	11,674	32	0.3%
30.9%	11,557	11,544	-13	-0.1%
32.1%	11,546	11,526	-19	-0.2%
33.3%	11,527	11,525	-1	0.0%
34.6%	11,482	11,487	5	0.0%
35.8%	11,476	11,466	-20	-0.2%
37.0%	11,431	11,422	-9	-0.1%
38.3%	11,405	11,323	-81	-0.7%
39.5%	11,399	11,301	-98	-0.9%
40.7%	11,311	11,279	-32	-0.3%
42.0%	11,276	11,191	-84	-0.7%
43.2%	11,224	11,161	-62	-0.6%
44.4%	11,191	11,137	-55	-0.5%
45.7%	11,153	11,130	-23	-0.2%
46.9%	11,135	11,126	-9	-0.1%
48.1%	11,112	11,097	-15	-0.1%
49.4%	11,095	11,087	-8	-0.1%
50.6%	11,045	11,050	5	0.0%
51.9%	11,023	11,050	27	0.2%
53.1%	10,992	11,005	13	0.1%
54.3%	10,951	10,967	17	0.2%
55.6%	10,904	10,927	23	0.2%
56.8%	10,887	10,919	32	0.3%
58.0%	10,846	10,907	61	0.6%
59.3%	10,785	10,903	118	1.1%
60.5%	10,687	10,865	179	1.7%
61.7%	10,672	10,846	174	1.6%
63.0%	10,645	10,834	189	1.8%
64.2%	10,622	10,647	25	0.2%
65.4%	10,622	10,625	3	0.0%
66.7%	10,551	10,424	-128	-1.2%
67.9%	10,533	10,386	-147	-1.4%
69.1%	10,483	10,340	-143	-1.4%
70.4%	10,483	10,325	-158	-1.5%
71.6%	10,469	10,294	-175	-1.7%
72.8%	10,415	10,239	-176	-1.7%
74.1%	10,375	10,211	-164	-1.6%
75.3%	10,348	10,151	-197	-1.9%
76.5%	10,228	10,148	-80	-0.8%
77.8%	10,186	10,120	-66	-0.6%
79.0%	10,154	10,080	-74	-0.7%
80.2%	10,127	10,079	-47	-0.5%
81.5%	10,012	10,056	44	0.4%
82.7%	9,999	10,049	50	0.5%
84.0%	9,930	9,870	-60	-0.6%
85.2%	9,912	9,990	78	0.8%
86.4%	9,910	9,976	67	0.7%
87.7%	9,807	9,960	153	1.6%
88.9%	9,699	9,910	211	2.2%
90.1%	9,648	9,870	221	2.3%
91.4%	9,411	9,818	407	4.1%
92.6%	9,378	9,705	326	3.5%
93.8%	9,279	9,659	380	4.1%
95.1%	9,191	9,642	451	4.9%
96.3%	9,116	9,300	184	2.0%
97.5%	9,052	9,275	223	2.5%
98.8%	8,934	9,250	316	3.5%
100.0%	8,351	9,108	757	9.1%

March				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Area (ACRE)	WSIP 2030 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	12,696	0	0.0%
18.5%	12,691	12,696	5	0.0%
19.8%	12,665	12,696	31	0.2%
21.0%	12,649	12,687	38	0.3%
22.2%	12,536	12,594	58	0.5%
23.5%	12,577	12,466	-111	-0.9%
24.7%	12,501	12,464	-38	-0.3%
25.9%	12,434	12,431	-4	0.0%
27.2%	12,397	12,418	22	0.2%
28.4%	12,360	12,347	-13	-0.1%
29.6%	12,322	12,323	1	0.0%
30.9%	12,302	12,257	-45	-0.4%
32.1%	12,271	12,215	-55	-0.5%
33.3%	12,242	12,197	-44	-0.4%
34.6%	12,201	12,173	-27	-0.2%
35.8%	12,200	12,165	-35	-0.3%
37.0%	12,107	12,091	-16	-0.1%
38.3%	12,106	11,997	-109	-0.9%
39.5%	12,068	11,985	-83	-0.7%
40.7%	12,048	11,978	-70	-0.6%
42.0%	12,005	11,928	-77	-0.7%
43.2%	12,002	11,828	-175	-1.5%
44.4%	11,913	11,784	-129	-1.1%
45.7%	11,812	11,760	-52	-0.4%
46.9%	11,784	11,738	-46	-0.4%
48.1%	11,736	11,719	-16	-0.1%
49.4%	11,719	11,665	-55	-0.5%
50.6%	11,700	11,655	-45	-0.4%
51.9%	11,588	11,623	35	0.3%
53.1%	11,482	11,575	93	0.8%
54.3%	11,470	11,565	95	0.8%
55.6%	11,469	11,506	36	0.3%
56.8%	11,452	11,502	51	0.4%
58.0%	11,438	11,494	56	0.5%
59.3%	11,403	11,478	75	0.7%
60.5%	11,370	11,465	94	0.8%
61.7%	11,343	11,272	-72	-0.6%
63.0%	11,255	11,195	-60	-0.5%
64.2%	11,083	11,145	62	0.6%
65.4%	11,079	11,129	50	0.5%
66.7%	11,009	11,038	28	0.3%
67.9%	10,973	10,997	24	0.2%
69.1%	10,972	10,933	-38	-0.4%
70.4%	10,955	10,922	-33	-0.3%
71.6%	10,899	10,899	1	0.0%
72.8%	10,809	10,828	19	0.2%
74.1%	10,806	10,806	0	0.0%
75.3%	10,791	10,788	-3	0.0%
76.5%	10,767	10,732	-35	-0.3%
77.8%	10,762	10,731	-30	-0.3%
79.0%	10,758	10,680	-78	-0.7%
80.2%	10,752	10,658	-94	-0.9%
81.5%	10,709	10,606	-103	-1.0%
82.7%	10,649	10,560	-89	-0.8%
84.0%	10,613	10,547	-66	-0.6%
85.2%	10,552	10,540	-12	-0.1%
86.4%	10,384	10,503	119	1.1%
87.7%	10,340	10,443	103	1.0%
88.9%	10,246	10,340	95	0.9%
90.1%	10,106	10,265	158	1.6%
91.4%	10,103	10,224	121	1.2%
92.6%	10,059	10,202	143	1.4%
93.8%	10,011	10,110	99	1.0%
95.1%	9,862	10,103	241	2.4%
96.3%	9,827	9,998	171	1.7%
97.5%	9,777	9,881	103	1.1%
98.8%	9,442	9,948	506	5.4%
100.0%	8,352	9,484	1,132	13.5%

April				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Area (ACRE)	WSIP 2030 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	12,617	-78	-0.6%
3.7%	12,630	12,551	-79	-0.6%
4.9%	12,443	12,450	7	0.1%
6.2%	12,436	12,436	0	0.0%
7.4%	12,383	12,402	19	0.2%
8.6%	12,363	12,377	13	0.1%
9.9%	12,349	12,361	12	0.1%
11.1%	12,331	12,324	-8	-0.1%
12.3%	12,211	12,317	106	0.9%
13.6%	12,183	12,209	26	0.2%
14.8%	12,174	12,156	-18	-0.1%
16.0%	12,163	12,146	-17	-0.1%
17.3%	12,139	12,144	5	0.0%
18.5%	12,138	12,141	3	0.0%
19.8%	12,134	12,138	3	0.0%
21.0%	12,098	12,133	35	0.3%
22.2%	12,084	12,132	48	0.4%
23.5%	12,081	12,128	48	0.4%
24.7%	12,061	12,090	29	0.2%
25.9%	12,046	12,004	-42	-0.3%
27.2%	11,986	11,972	-15	-0.1%
28.4%	11,968	11,897	-71	-0.6%
29.6%	11,918	11,849	-69	-0.6%
30.9%	11,914	11,791	-123	-1.0%
32.1%	11,829	11,701	-128	-1.1%
33.3%	11,728	11,648	-80	-0.7%
34.6%	11,724	11,626	-98	-0.8%
35.8%	11,657	11,591	-66	-0.6%
37.0%	11,612	11,552	-59	-0.5%
38.3%	11,600	11,540	-60	-0.5%
39.5%	11,588	11,534	-54	-0.5%
40.7%	11,577	11,483	-94	-0.8%
42.0%	11,569	11,514	-54	-0.5%
43.2%	11,470	11,409	-61	-0.5%
44.4%	11,468	11,402	-67	-0.6%
45.7%	11,468	11,384	-84	-0.7%
46.9%	11,440	11,278	-163	-1.3%
48.1%	11,410	11,262	-148	-1.3%
49.4%	11,347	11,238	-109	-1.0%
50.6%	11,302	11,215	-87	-0.8%
51.9%	11,270	11,195	-75	-0.7%
53.1%	11,115	11,136	21	0.2%
54.3%	11,086	11,131	45	0.4%
55.6%	11,084	11,060	-25	-0.2%
56.8%	11,057	11,053	-5	0.0%
58.0%	10,988	11,031	43	0.4%
59.3%	10,927	10,968	41	0.4%
60.5%	10,842	10,925	83	0.8%
61.7%	10,824	10,865	41	0.4%
63.0%	10,799	10,836	37	0.3%
64.2%	10,767	10,834	68	0.6%
65.4%	10,761	10,692	-69	-0.6%
66.7%	10,612	10,632	21	0.2%
67.9%	10,582	10,628	46	0.4%
69.1%	10,560	10,526	-35	-0.3%
70.4%	10,540	10,518	-22	-0.2%
71.6%	10,492	10,517	25	0.2%
72.8%	10,459	10,420	-39	-0.4%
74.1%	10,453	10,384	-69	-0.7%
75.3%	10,396	10,378	-18	-0.2%
76.5%	10,363	10,363	1	0.0%
77.8%	10,337	10,303	-34	-0.3%
79.0%	10,266	10,268	2	0.0%
80.2%	10,248	10,262	14	0.1%
81.5%	10,236	10,245	9	0.1%
82.7%	10,225	10,150	-75	-0.7%
84.0%	10,205	10,123	-82	-0.8%
85.2%	10,183	10,078	-107	

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

June				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Area (ACRE)	WSIP 2030 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	12,632	12,420	-212	-1.7%
1.2%	11,983	11,971	-12	-0.1%
2.5%	11,699	11,651	-48	-0.4%
3.7%	11,330	11,323	-7	-0.1%
4.9%	11,300	11,252	-47	-0.4%
6.2%	11,260	11,187	-72	-0.6%
7.4%	10,953	11,037	84	0.8%
8.6%	10,842	10,862	20	0.2%
9.9%	10,678	10,843	165	1.5%
11.1%	10,567	10,637	70	0.7%
12.3%	10,561	10,403	-159	-1.5%
13.6%	10,317	10,148	-170	-1.6%
14.8%	10,175	10,141	-35	-0.3%
16.0%	10,152	10,031	-121	-1.2%
17.3%	10,079	9,951	-129	-1.3%
18.5%	10,049	9,928	-121	-1.2%
19.8%	10,027	9,827	-200	-2.0%
21.0%	9,937	9,822	-115	-1.2%
22.2%	9,922	9,769	-153	-1.5%
23.5%	9,917	9,755	-162	-1.6%
24.7%	9,884	9,662	-222	-2.2%
25.9%	9,842	9,652	-189	-1.9%
27.2%	9,794	9,650	-144	-1.5%
28.4%	9,673	9,607	-66	-0.7%
29.6%	9,636	9,555	-81	-0.8%
30.9%	9,629	9,525	-104	-1.1%
32.1%	9,579	9,420	-159	-1.7%
33.3%	9,412	9,381	-31	-0.3%
34.6%	9,395	9,366	-28	-0.3%
35.8%	9,391	9,352	-39	-0.4%
37.0%	9,345	9,343	-2	0.0%
38.3%	9,345	9,309	-36	-0.4%
39.5%	9,275	9,270	-4	0.0%
40.7%	9,252	9,254	2	0.0%
42.0%	9,237	9,249	12	0.1%
43.2%	9,157	9,198	41	0.4%
44.4%	9,146	9,184	39	0.4%
45.7%	9,119	9,141	22	0.2%
46.9%	9,083	9,005	-77	-0.8%
48.1%	9,049	8,844	-206	-2.3%
49.4%	9,029	8,775	-254	-2.8%
50.6%	8,962	8,769	-194	-2.2%
51.9%	8,957	8,724	-232	-2.6%
53.1%	8,878	8,712	-166	-1.9%
54.3%	8,839	8,690	-149	-1.7%
55.6%	8,828	8,563	-265	-3.0%
56.8%	8,806	8,571	-236	-2.7%
58.0%	8,793	8,442	-351	-4.0%
59.3%	8,754	8,343	-411	-4.7%
60.5%	8,732	8,328	-404	-4.6%
61.7%	8,732	8,325	-407	-4.7%
63.0%	8,524	8,266	-258	-3.0%
64.2%	8,497	8,252	-245	-2.9%
65.4%	8,464	8,177	-287	-3.4%
66.7%	8,450	8,174	-276	-3.3%
67.9%	8,344	8,173	-171	-2.1%
69.1%	8,181	8,094	-87	-1.2%
70.4%	8,145	8,075	-70	-0.9%
71.6%	8,134	8,064	-71	-0.9%
72.8%	8,029	8,033	5	0.1%
74.1%	8,026	8,006	-20	-0.2%
75.3%	7,953	7,965	13	0.2%
76.5%	7,950	7,794	-156	-2.1%
77.8%	7,909	7,678	-231	-2.9%
79.0%	7,767	7,645	-121	-1.6%
80.2%	7,750	7,439	-311	-4.0%
81.5%	7,577	7,403	-174	-2.3%
82.7%	7,571	7,350	-220	-2.9%
84.0%	7,420	7,172	-247	-3.1%
85.2%	7,396	7,223	-174	-2.3%
86.4%	7,378	7,222	-156	-2.1%
87.7%	7,326	7,151	-175	-2.4%
88.9%	7,302	6,984	-318	-4.4%
90.1%	7,170	6,947	-223	-3.1%
91.4%	7,089	6,872	-218	-3.1%
92.6%	6,947	6,853	-94	-1.4%
93.8%	6,762	6,556	-206	-3.0%
95.1%	6,673	6,296	-377	-5.6%
96.3%	6,537	5,845	-692	-10.6%
97.5%	6,447	5,633	-814	-12.6%
98.8%	6,116	5,111	-1,005	-16.4%
100.0%	5,946	5,500	-446	-7.5%

July				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Area (ACRE)	WSIP 2030 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	12,303	12,100	-204	-1.7%
1.2%	10,997	10,990	-7	-0.1%
2.5%	10,961	10,754	-207	-1.9%
3.7%	10,838	10,718	-119	-1.1%
4.9%	10,699	10,614	-85	-0.8%
6.2%	10,281	10,337	56	0.5%
7.4%	10,163	10,192	29	0.2%
8.6%	9,007	9,958	951	10.6%
9.9%	9,242	9,927	685	7.4%
11.1%	9,863	9,807	-56	-0.6%
12.3%	9,770	9,783	13	0.1%
13.6%	9,767	9,761	-6	-0.1%
14.8%	9,741	9,714	-27	-0.3%
16.0%	9,739	9,698	-42	-0.4%
17.3%	9,674	9,535	-139	-1.4%
18.5%	9,649	9,491	-158	-1.6%
19.8%	9,634	9,444	-189	-2.0%
21.0%	9,540	9,378	-162	-1.7%
22.2%	9,510	9,335	-175	-1.8%
23.5%	9,494	9,307	-186	-2.0%
24.7%	9,366	9,261	-105	-1.1%
25.9%	9,235	9,226	-9	-0.1%
27.2%	9,229	9,159	-70	-0.8%
28.4%	9,202	9,101	-101	-1.1%
29.6%	9,181	9,082	-99	-1.1%
30.9%	9,107	9,017	-90	-1.0%
32.1%	9,005	8,976	-29	-0.3%
33.3%	8,987	8,878	-108	-1.2%
34.6%	8,966	8,840	-126	-1.4%
35.8%	8,878	8,824	-53	-0.6%
37.0%	8,870	8,762	-108	-1.2%
38.3%	8,826	8,711	-115	-1.3%
39.5%	8,816	8,635	-181	-2.1%
40.7%	8,560	8,552	-8	-0.1%
42.0%	8,249	8,154	-95	-1.1%
43.2%	8,321	8,328	7	0.1%
44.4%	8,307	8,312	5	0.1%
45.7%	8,292	8,215	-77	-0.9%
46.9%	8,276	8,206	-70	-0.8%
48.1%	8,275	8,150	-125	-1.5%
49.4%	8,252	8,123	-129	-1.6%
50.6%	8,229	8,104	-125	-1.5%
51.9%	8,209	8,071	-138	-1.7%
53.1%	8,192	8,027	-165	-2.0%
54.3%	8,147	8,010	-136	-1.7%
55.6%	8,082	8,000	-81	-1.0%
56.8%	8,073	7,990	-83	-1.0%
58.0%	7,992	7,954	-38	-0.5%
59.3%	7,924	7,824	-101	-1.3%
60.5%	7,897	7,821	-76	-1.0%
61.7%	7,868	7,818	-50	-0.6%
63.0%	7,735	7,817	82	1.1%
64.2%	7,723	7,742	19	0.2%
65.4%	7,693	7,616	-77	-1.0%
66.7%	7,686	7,540	-146	-1.9%
67.9%	7,590	7,394	-197	-2.6%
69.1%	7,484	7,292	-192	-2.6%
70.4%	7,385	7,244	-141	-1.9%
71.6%	7,325	7,178	-147	-2.0%
72.8%	7,311	7,124	-187	-2.6%
74.1%	7,273	7,113	-160	-2.2%
75.3%	7,260	7,101	-159	-2.2%
76.5%	7,233	6,992	-241	-3.3%
77.8%	7,140	6,956	-183	-2.6%
79.0%	7,083	6,820	-263	-3.7%
80.2%	7,032	6,790	-243	-3.5%
81.5%	6,987	6,735	-252	-3.6%
82.7%	6,928	6,633	-295	-4.3%
84.0%	6,889	6,511	-377	-5.5%
85.2%	6,748	6,197	-550	-8.2%
86.4%	6,727	6,177	-550	-8.2%
87.7%	6,451	5,949	-502	-7.8%
88.9%	6,166	5,901	-266	-4.3%
90.1%	6,165	5,872	-293	-4.8%
91.4%	6,115	5,633	-482	-7.9%
92.6%	5,703	5,633	-71	-1.2%
93.8%	5,464	5,605	141	2.6%
95.1%	5,432	5,003	-429	-7.9%
96.3%	5,243	4,989	-254	-4.9%
97.5%	4,947	4,884	-63	-1.3%
98.8%	5,059	4,562	-497	-9.8%
100.0%	4,819	4,508	-312	-6.5%

August				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Area (ACRE)	WSIP 2030 With Project End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	11,862	11,627	-235	-2.0%
1.2%	10,568	10,561	-7	-0.1%
2.5%	9,937	9,854	-84	-0.8%
3.7%	9,826	9,839	13	0.1%
4.9%	9,814	9,834	20	0.2%
6.2%	9,757	9,716	-41	-0.4%
7.4%	9,534	9,532	-2	0.0%
8.6%	9,479	9,455	-23	-0.2%
9.9%	9,442	9,307	-135	-1.4%
11.1%	9,403	9,256	-147	-1.6%
12.3%	9,349	9,223	-126	-1.3%
13.6%	9,232	9,154	-77	-0.8%
14.8%	9,194	9,148	-46	-0.5%
16.0%	9,182	9,107	-76	-0.8%
17.3%	9,039	9,105	66	0.7%
18.5%	9,039	9,076	37	0.4%
19.8%	9,020	9,073	54	0.6%
21.0%	8,962	8,959	-3	0.0%
22.2%	8,937	8,945	9	0.1%
23.5%	8,803	8,801	-2	0.0%
24.7%	8,712	8,882	170	1.9%
25.9%	8,567	8,809	242	2.8%
27.2%	8,517	8,667	150	1.8%
28.4%	8,509	8,645	137	1.6%
29.6%	8,482	8,528	47	0.5%
30.9%	8,414	8,483	69	0.8%
32.1%	8,287	8,463	176	2.1%
33.3%	8,121	8,143	22	0.3%
34.6%	8,081	8,121	40	0.5%
35.8%	7,994	8,106	112	1.4%
37.0%	7,984	8,096	112	1.4%
38.3%	7,938	8,090	153	1.9%
39.5%	7,916	8,071	155	2.0%
40.7%	7,766	8,028	262	3.4%
42.0%	7,761	7,896	135	1.7%
43.2%	7,725	7,861	136	1.8%
44.4%	7,694	7,720	25	0.3%
45.7%	7,539	7,716	176	2.3%
46.9%	7,538	7,509	-30	-0.4%
48.1%	7,485	7,483	-2	0.0%
49.4%	7,477	7,429	-48	-0.6%
50.6%	7,358	7,362	4	0.0%
51.9%	7,362	7,271	-91	-1.2%
53.1%	7,302	7,269	-33	-0.5%
54.3%	7,241	7,184	-57	-0.8%
55.6%	7,241	7,149	-91	-1.3%
56.8%	7,104	7,100	-4	0.0%
58.0%	7,028	7,036	8	0.1%
59.3%	6,904	6,975	71	1.0%
60.5%	6,898	6,959	61	0.9%
61.7%	6,895	6,918	23	0.3%
63.0%	6,894	6,846	-48	-0.7%
64.2%	6,861	6,691	-170	-2.5%
65.4%	6,851	6,677	-174	-2.5%
66.7%	6,803	6,663	-140	-2.1%
67.9%	6,794	6,649	-145	-2.1%
69.1%	6,744	6,645	-99	-1.5%
70.4%	6,648	6,631	-17	-0.3%
71.6%	6,603	6,564	-38	-0.6%
72.8%	6,426	6,411	-15	-0.2%
74.1%	6,409	6,234	-174	-2.7%
75.3%	6,399	6,146	-253	-4.0%
76.5%	6,141	6,121	-20	-0.3%
77.8%	6,877	6,029	-152	-2.6%
79.0%	6,870	5,966	-904	-13.0%
80.2%	5,858	5,960	102	1.7%
81.5%	5,702	5,825	123	2.2%
82.7%	5,525	5,750	225	4.1%
84.0%	5,454	5,677	224	4.1%
85.2%	5,442	5,455	12	0.2%
86.4%	5,341	5,265	-76	-1.4%
87.7%	5,146	5,249	103	2.0%
88.9%	5,062	5,165	103	2.0%
90.1%	5,026	5,087	61	1.2%
91.4%	4,981	4,913	-68	-1.4%
92.6%				

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

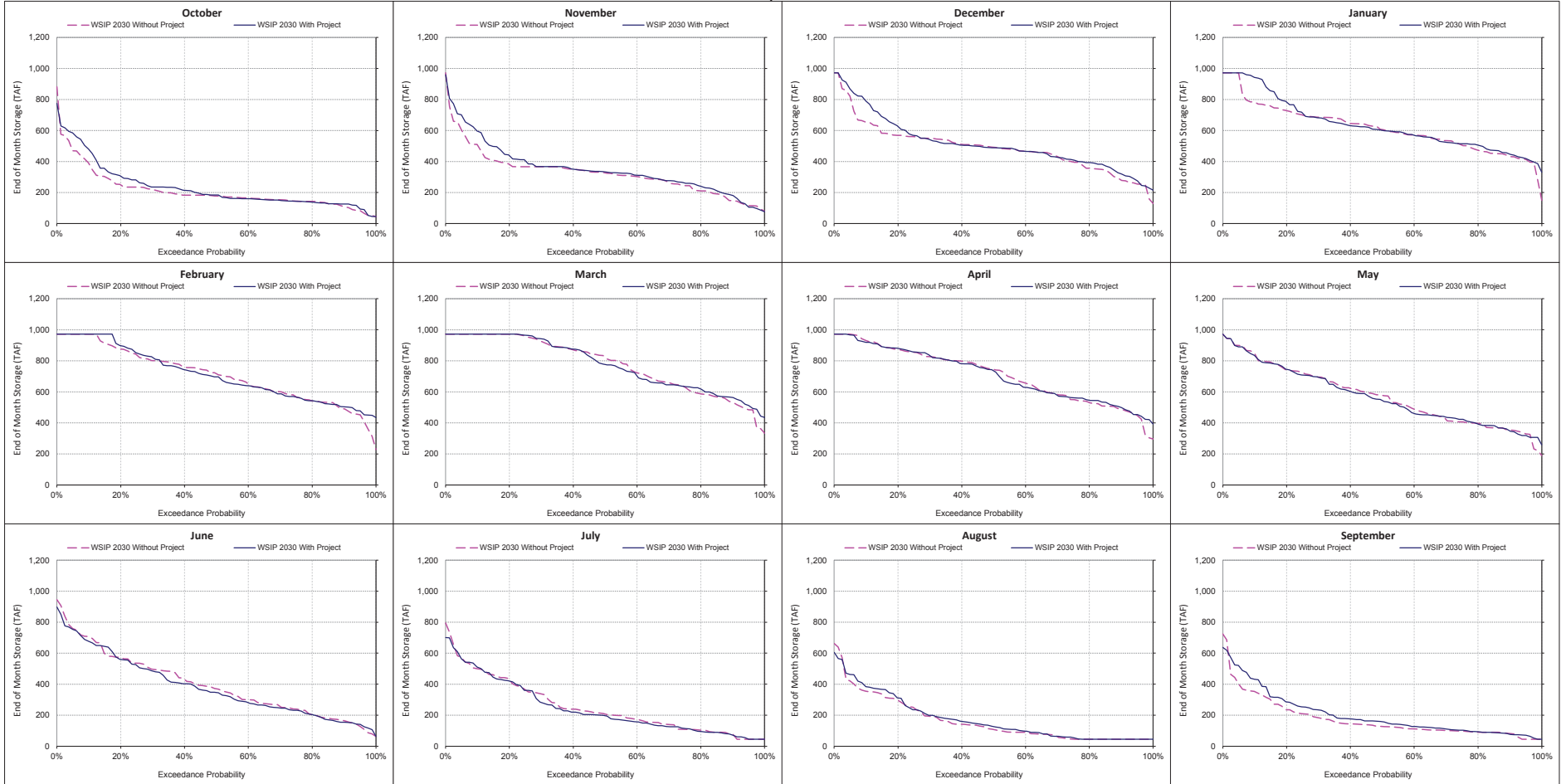


Table SW-44-b
San Luis Reservoir (CVP), End of Month Storage
Probability of Exceedance

October					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	852	775	-107	-12.1%	
1.2%	576	630	54	9.4%	
2.5%	567	617	51	8.9%	
3.7%	535	594	59	11.0%	
4.9%	470	586	116	24.7%	
6.2%	468	559	91	19.4%	
7.4%	440	544	104	23.7%	
8.6%	418	504	86	20.7%	
9.9%	391	480	89	22.7%	
11.1%	346	451	104	30.2%	
12.3%	311	409	98	31.4%	
13.6%	306	357	51	16.8%	
14.8%	304	357	53	17.5%	
16.0%	291	332	41	14.2%	
17.3%	276	321	44	16.0%	
18.5%	254	316	62	24.2%	
19.8%	253	309	56	22.0%	
21.0%	235	293	58	24.5%	
22.2%	235	291	56	23.7%	
23.5%	235	283	47	20.2%	
24.7%	235	282	47	20.2%	
25.9%	235	262	27	11.5%	
27.2%	233	259	25	10.9%	
28.4%	225	243	19	8.4%	
29.6%	221	235	14	6.4%	
30.9%	215	235	20	9.3%	
32.1%	208	235	27	12.7%	
33.3%	200	235	35	17.4%	
34.6%	199	235	36	17.9%	
35.8%	198	234	36	18.0%	
37.0%	191	232	41	21.3%	
38.3%	188	224	35	18.8%	
39.5%	183	215	32	17.5%	
40.7%	183	213	30	16.4%	
42.0%	183	212	29	15.7%	
43.2%	183	202	19	10.1%	
44.4%	183	196	12	6.8%	
45.7%	183	188	5	2.7%	
46.9%	183	188	5	2.7%	
48.1%	181	185	4	2.0%	
49.4%	178	183	5	3.0%	
50.6%	177	183	6	3.6%	
51.9%	177	168	-8	-4.7%	
53.1%	171	167	-5	-2.7%	
54.3%	171	163	-9	-5.0%	
55.6%	171	162	-9	-5.0%	
56.8%	168	162	-6	-3.7%	
58.0%	166	160	-5	-3.1%	
59.3%	165	160	-5	-3.0%	
60.5%	164	160	-4	-2.5%	
61.7%	161	158	-3	-1.9%	
63.0%	161	157	-4	-2.4%	
64.2%	160	156	-4	-2.5%	
65.4%	156	153	-3	-1.8%	
66.7%	155	152	-3	-2.0%	
67.9%	154	152	-2	-1.3%	
69.1%	154	151	-3	-1.8%	
70.4%	153	148	-5	-3.3%	
71.6%	152	146	-6	-4.0%	
72.8%	148	145	-3	-1.8%	
74.1%	145	144	-1	-0.5%	
75.3%	144	143	-1	-0.8%	
76.5%	143	143	0	0.4%	
77.8%	143	142	-1	-0.5%	
79.0%	142	140	-3	-2.0%	
80.2%	142	138	-5	-3.3%	
81.5%	142	135	-8	-5.3%	
82.7%	138	133	-5	-3.5%	
84.0%	135	133	-3	-1.9%	
85.2%	127	128	0	0.3%	
86.4%	126	128	2	1.3%	
87.7%	125	127	2	1.4%	
88.9%	116	126	10	8.5%	
90.1%	107	126	19	17.9%	
91.4%	103	126	23	22.0%	
92.6%	90	119	29	32.4%	
93.8%	85	117	32	37.8%	
95.1%	83	94	11	13.6%	
96.3%	66	90	24	36.5%	
97.5%	52	82	30	57.7%	
98.8%	51	45	-6	-12.0%	
100.0%	45	45	0	0.0%	

November					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	972	960	-12	-1.2%	
1.2%	754	807	53	7.0%	
2.5%	659	774	115	17.4%	
3.7%	657	708	51	7.8%	
4.9%	604	701	96	15.9%	
6.2%	563	655	92	16.4%	
7.4%	518	639	121	23.5%	
8.6%	511	624	113	22.1%	
9.9%	501	596	86	16.9%	
11.1%	468	586	118	25.1%	
12.3%	426	531	106	24.8%	
13.6%	415	506	91	21.9%	
14.8%	409	498	89	21.8%	
16.0%	404	496	92	22.8%	
17.3%	395	474	79	20.0%	
18.5%	392	446	54	13.8%	
19.8%	385	443	59	15.2%	
21.0%	367	417	50	13.7%	
22.2%	367	416	49	13.4%	
23.5%	367	411	44	12.1%	
24.7%	367	411	44	12.1%	
25.9%	367	385	18	5.0%	
27.2%	367	384	17	4.7%	
28.4%	367	367	0	0.0%	
29.6%	367	367	0	0.0%	
30.9%	367	367	0	0.0%	
32.1%	367	367	0	0.0%	
33.3%	367	367	0	0.0%	
34.6%	367	367	0	0.0%	
35.8%	364	367	3	0.8%	
37.0%	358	367	9	2.5%	
38.3%	353	363	10	2.7%	
39.5%	351	352	1	0.3%	
40.7%	349	349	0	0.1%	
42.0%	346	345	-2	-0.5%	
43.2%	343	343	1	0.3%	
44.4%	338	341	2	0.7%	
45.7%	332	338	6	1.9%	
46.9%	331	337	5	1.6%	
48.1%	331	336	5	1.4%	
49.4%	330	334	5	1.4%	
50.6%	324	331	7	2.1%	
51.9%	323	328	4	1.4%	
53.1%	316	327	12	3.7%	
54.3%	312	327	15	4.7%	
55.6%	310	325	15	4.8%	
56.8%	310	324	14	4.6%	
58.0%	307	321	14	4.7%	
59.3%	305	313	8	2.7%	
60.5%	301	311	10	3.4%	
61.7%	296	311	15	4.9%	
63.0%	290	304	14	4.8%	
64.2%	288	297	9	3.2%	
65.4%	286	290	4	1.5%	
66.7%	285	289	4	1.4%	
67.9%	283	282	0	0.0%	
69.1%	274	277	3	1.3%	
70.4%	259	276	18	6.8%	
71.6%	256	275	19	7.4%	
72.8%	255	267	12	4.9%	
74.1%	246	266	20	8.2%	
75.3%	244	260	16	6.5%	
76.5%	244	260	16	6.5%	
77.8%	215	255	40	18.5%	
79.0%	212	246	34	16.0%	
80.2%	210	239	29	13.6%	
81.5%	210	231	21	9.9%	
82.7%	203	228	25	12.5%	
84.0%	194	222	28	14.6%	
85.2%	191	209	19	9.9%	
86.4%	188	199	12	6.2%	
87.7%	171	193	22	13.2%	
88.9%	149	187	38	25.7%	
90.1%	147	180	33	22.3%	
91.4%	144	161	18	12.2%	
92.6%	132	136	4	2.7%	
93.8%	122	128	6	4.9%	
95.1%	116	106	-10	-8.4%	
96.3%	115	105	-11	-9.1%	
97.5%	97	97	0	0.0%	
98.8%	93	87	-7	-7.2%	
100.0%	79	76	-4	-4.8%	

December					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	972	972	0	0.0%	
1.2%	872	972	0	0.0%	
2.5%	870	925	55	6.3%	
3.7%	859	911	53	6.1%	
4.9%	821	868	47	5.7%	
6.2%	724	840	116	16.0%	
7.4%	668	822	154	23.1%	
8.6%	664	821	158	23.7%	
9.9%	654	791	137	20.9%	
11.1%	651	770	119	18.3%	
12.3%	635	729	95	14.9%	
13.6%	631	720	89	14.1%	
14.8%	582	691	108	18.6%	
16.0%	582	678	96	16.4%	
17.3%	578	656	78	13.5%	
18.5%	571	646	75	13.1%	
19.8%	569	631	62	10.8%	
21.0%	569	607	38	6.7%	
22.2%	564	601	38	6.7%	
23.5%	561	578	17	2.9%	
24.7%	561	569	8	1.5%	
25.9%	559	566	8	1.3%	
27.2%	550	550	0	0.0%	
28.4%	550	550	0	0.0%	
29.6%	550	544	-6	-1.1%	
30.9%	549	533	-16	-2.8%	
32.1%	545	531	-14	-2.6%	
33.3%	544	521	-22	-4.1%	
34.6%	539	517	-22	-4.1%	
35.8%	538	517	-21	-3.9%	
37.0%	524	516	-8	-1.5%	
38.3%	517	511	-6	-1.2%	
39.5%	512	505	-7	-1.3%	
40.7%	509	504	-5	-1.0%	
42.0%	504	504	0	0.0%	
43.2%	508	501	-7	-1.4%	
44.4%	506	499	-8	-1.5%	
45.7%	505	498	-7	-1.3%	
46.9%	500	493	-7	-1.5%	
48.1%	497	491	-5	-1.1%	
49.4%	492	490	-3	-0.6%	
50.6%	491	488	-3	-0.6%	
51.9%	484	487	3	0.7%	
53.1%	483	487	4	0.8%	
54.3%	481	486	4	0.9%	
55.6%	478	485	6	1.2%	
56.8%	478	474	0	0.1%	
58.0%	469	469	0	0.0%	
59.3%	467	467	0	0.0%	
60.5%	465	466	1	0.2%	
61.7%	464	464	0	0.0%	
63.0%	461	462	1	0.3%	
64.2%	460	458	-1	-0.3%	
65.4%	459	458	-1	-0.3%	
66.7%	459	450	-8	-1.8%	
67.9%	448	432	-16	-3.6%	
69.1%	440	430	-10	-2.2%	
70.4%	429	425	-3	-0.8%	
71.6%	411	424	13	3.1%	
72.8%	403	415	12	3.0%	
74.1%	401	413	12	2.9%	
75.3%	395	409	14	3.5%	
76.5%	395	400	5	1.3%	
77.8%	377	399	22	5.7%	
79.0%	357	392	35	9.9%	
80.2%	357	392	36	10.0%	
81.5%	353	390	37	10.6%	
82.7%	352	383	32	9.1%	
84.0%	349	382	33	9.6%	
85.2%	344	370	26	7.6%	
86.4%	326	362	36	11.1%	
87.7%	303	345	42	13.9%	
88.9%	295	328	33	11.3%	
90.1%	278	319	41	14.6%	
91.4%	275	308	33	12.0%	
92.6%	265	304	40	15.0%	
93.8%	262	291	29	10.9%	
95.1%	255	276	21	8.2%	
96.3%	253	245	-8	-3.1	

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

February				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 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%	929	972	43	4.6%
14.8%	914	972	58	6.3%
16.0%	906	972	66	7.2%
17.3%	897	972	75	8.4%
18.5%	884	913	29	3.3%
19.8%	877	899	22	2.5%
21.0%	874	894	21	2.4%
22.2%	863	892	19	2.2%
23.5%	850	874	24	2.8%
24.7%	844	852	9	1.0%
25.9%	821	844	23	2.8%
27.2%	814	835	21	2.6%
28.4%	813	830	17	2.1%
29.6%	802	827	25	3.2%
30.9%	802	810	9	1.1%
32.1%	798	805	8	1.0%
33.3%	796	771	-25	-3.1%
34.6%	793	769	-24	-3.0%
35.8%	789	768	-21	-2.6%
37.0%	782	764	-18	-2.3%
38.3%	778	754	-24	-3.0%
39.5%	762	744	-18	-2.3%
40.7%	757	739	-18	-2.3%
42.0%	757	732	-24	-3.2%
43.2%	755	731	-24	-3.2%
44.4%	749	718	-30	-4.0%
45.7%	743	713	-30	-4.0%
46.9%	740	708	-32	-4.3%
48.1%	724	704	-19	-2.7%
49.4%	723	697	-27	-3.7%
50.6%	710	696	-14	-1.9%
51.9%	705	673	-32	-4.5%
53.1%	699	660	-39	-5.5%
54.3%	697	656	-41	-5.9%
55.6%	681	650	-30	-4.5%
56.8%	677	649	-28	-4.2%
58.0%	673	644	-29	-4.3%
59.3%	663	641	-22	-3.3%
60.5%	642	639	-3	-0.4%
61.7%	633	631	-2	-0.3%
63.0%	632	630	-2	-0.4%
64.2%	626	627	1	0.1%
65.4%	620	615	-4	-0.7%
66.7%	614	613	-1	-0.1%
67.9%	603	602	-1	-0.2%
69.1%	602	588	-15	-2.4%
70.4%	600	587	-12	-2.1%
71.6%	589	573	-16	-2.7%
72.8%	582	569	-13	-2.2%
74.1%	581	569	-11	-1.9%
75.3%	563	564	1	0.2%
76.5%	562	558	-4	-0.7%
77.8%	550	547	-4	-0.7%
79.0%	548	543	-5	-1.0%
80.2%	540	543	3	0.6%
81.5%	539	537	-2	-0.3%
82.7%	534	534	-1	-0.2%
84.0%	533	523	-9	-1.8%
85.2%	532	522	-10	-1.8%
86.4%	531	519	-11	-2.2%
87.7%	512	519	7	1.4%
88.9%	491	505	14	2.9%
90.1%	491	504	13	2.7%
91.4%	475	501	27	5.6%
92.6%	459	499	40	8.6%
93.8%	457	480	23	5.1%
95.1%	452	477	25	5.5%
96.3%	407	453	45	11.1%
97.5%	359	450	91	25.3%
98.8%	314	448	134	42.6%
100.0%	228	434	206	90.4%

March				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 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%	966	968	2	0.2%
24.7%	962	965	3	0.4%
25.9%	953	965	12	1.3%
27.2%	946	961	15	1.6%
28.4%	941	945	5	0.5%
29.6%	929	944	15	1.6%
30.9%	918	940	22	2.4%
32.1%	907	929	22	2.4%
33.3%	893	893	1	0.1%
34.6%	892	888	-4	-0.5%
35.8%	890	887	-3	-0.4%
37.0%	887	886	-1	-0.1%
38.3%	879	884	4	0.5%
39.5%	874	877	3	0.3%
40.7%	866	875	8	0.9%
42.0%	863	870	7	0.8%
43.2%	860	857	-3	-0.4%
44.4%	856	837	-19	-2.2%
45.7%	842	822	-20	-2.3%
46.9%	841	804	-37	-4.4%
48.1%	836	786	-50	-6.0%
49.4%	834	779	-56	-6.7%
50.6%	812	774	-38	-4.6%
51.9%	803	774	-29	-3.6%
53.1%	803	769	-34	-4.2%
54.3%	800	754	-45	-5.6%
55.6%	791	746	-46	-5.9%
56.8%	773	733	-44	-5.7%
58.0%	742	729	-13	-1.8%
59.3%	728	724	-4	-0.5%
60.5%	720	690	-30	-4.2%
61.7%	717	682	-35	-4.9%
63.0%	705	680	-24	-3.4%
64.2%	692	682	-10	-1.4%
65.4%	682	660	-22	-3.3%
66.7%	670	657	-12	-1.8%
67.9%	667	657	-9	-1.4%
69.1%	662	646	-17	-2.5%
70.4%	657	645	-12	-1.8%
71.6%	648	645	-3	-0.4%
72.8%	645	642	-3	-0.5%
74.1%	643	637	-6	-1.0%
75.3%	627	633	6	1.0%
76.5%	608	631	23	3.8%
77.8%	597	627	30	5.0%
79.0%	591	626	35	5.8%
80.2%	586	617	31	5.2%
81.5%	583	600	16	2.8%
82.7%	580	599	19	3.3%
84.0%	572	588	16	2.9%
85.2%	567	574	7	1.3%
86.4%	567	570	4	0.6%
87.7%	567	568	1	0.2%
88.9%	539	567	28	5.2%
90.1%	532	563	31	5.9%
91.4%	517	551	34	6.7%
92.6%	505	542	38	7.4%
93.8%	493	521	28	5.7%
95.1%	484	512	28	5.9%
96.3%	484	493	9	1.8%
97.5%	450	498	48	10.7%
98.8%	362	443	80	22.2%
100.0%	334	435	101	30.3%

April				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 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	968	-4	-0.5%
6.2%	968	965	-3	-0.3%
7.4%	963	961	-2	-0.3%
8.6%	943	926	-17	-1.8%
9.9%	932	920	-12	-1.3%
11.1%	923	920	-3	-0.3%
12.3%	922	911	-11	-1.2%
13.6%	911	909	-2	-0.2%
14.8%	892	892	0	0.0%
16.0%	886	887	1	0.1%
17.3%	885	884	-1	-0.1%
18.5%	877	884	7	0.8%
19.8%	874	882	8	0.9%
21.0%	870	876	7	0.8%
22.2%	863	871	8	1.0%
23.5%	859	865	6	0.7%
24.7%	856	857	1	0.2%
25.9%	853	856	3	0.3%
27.2%	842	853	11	1.3%
28.4%	826	852	24	2.9%
29.6%	827	839	12	1.5%
30.9%	826	821	-5	-0.6%
32.1%	821	818	-3	-0.4%
33.3%	815	817	2	0.2%
34.6%	807	810	3	0.4%
35.8%	806	805	-1	-0.1%
37.0%	802	800	-3	-0.3%
38.3%	800	798	-2	-0.2%
39.5%	799	782	-17	-2.1%
40.7%	796	781	-15	-1.9%
42.0%	791	780	-11	-1.4%
43.2%	787	780	-7	-0.9%
44.4%	777	766	-11	-1.4%
45.7%	768	762	-6	-0.8%
46.9%	758	753	-5	-0.7%
48.1%	751	744	-7	-0.9%
49.4%	747	743	-4	-0.5%
50.6%	741	728	-13	-1.7%
51.9%	739	697	-42	-5.6%
53.1%	727	670	-57	-7.8%
54.3%	701	660	-41	-5.9%
55.6%	684	654	-30	-4.5%
56.8%	681	649	-33	-4.8%
58.0%	668	648	-20	-3.0%
59.3%	661	629	-32	-4.8%
60.5%	652	628	-25	-3.8%
61.7%	648	624	-24	-3.7%
63.0%	631	619	-12	-2.0%
64.2%	612	608	-4	-0.7%
65.4%	610	604	-6	-1.0%
66.7%	597	594	-3	-0.5%
67.9%	593	592	-1	-0.1%
69.1%	591	590	-1	-0.2%
70.4%	580	572	-8	-1.4%
71.6%	579	569	-10	-1.7%
72.8%	576	569	-7	-1.2%
74.1%	550	563	13	2.3%
75.3%	550	562	13	2.3%
76.5%	543	560	17	3.2%
77.8%	542	560	18	3.3%
79.0%	539	550	10	1.9%
80.2%	529	544	15	2.9%
81.5%	525	544	19	3.5%
82.7%	524	544	20	3.8%
84.0%	509	535	26	5.0%
85.2%	508	533	25	4.9%
86.4%	508	519	11	2.2%
87.7%	506	512	6	1.2%
88.9%	493	508	15	2.9%
90.1%	488	499	11	2.3%
91.4%	478	485	6	1.3%
92.6%	470	476	6	1.3%
93.8%	463	474	11	2.4%
95.1%	447	454	7	1.6%
96.3%	424	441	17	4.0%
97.5%	422	422	0	0.0%
98.8%	303	422	119	39.1%
100.0%	296	392	96	32.3%

May				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	972	972	0	0.0%
1.2%	945	945	0	0.0%
2.5%	943	942	-1	-0.1%
3.7%	900	899	-1	-0.1%
4.9%	899	890	-9	-1.0%
6.2%	898	889	-8	-0.9%
7.4%	867	864	-2	-0.3%
8.6%	865	847	-17	-2.0%
9.9%	852	835	-16	-1.9%
11.1%	802	808	7	0.9%
12.3%	801	790	-11	-1.3%
13.6%	795	788	-7	-0.9%
14.8%	793	786	-7	-0.9%
16.0%	780	780	0	0.0%
17.3%	775	778	3	0.3%
18.5%	759	766	6	0.9%
19.8%	742	746	5	0.7%
21.0%	738	742		

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

June					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	945	898	-47	-5.0%	
1.2%	908	850	-58	-6.4%	
2.5%	840	776	-64	-7.6%	
3.7%	785	770	-15	-1.9%	
4.9%	759	754	-5	-0.7%	
6.2%	749	744	-5	-0.6%	
7.4%	719	714	-4	-0.6%	
8.6%	710	689	-21	-2.9%	
9.9%	707	677	-30	-4.2%	
11.1%	695	667	-28	-4.0%	
12.3%	668	650	-18	-2.7%	
13.6%	667	649	-18	-2.7%	
14.8%	600	645	45	7.5%	
16.0%	581	640	59	10.1%	
17.3%	579	610	30	5.3%	
18.5%	574	576	2	0.3%	
19.8%	574	560	-14	-2.5%	
21.0%	564	557	-7	-1.3%	
22.2%	563	556	-7	-1.3%	
23.5%	537	529	-7	-1.3%	
24.7%	536	526	-10	-1.8%	
25.9%	535	505	-30	-5.6%	
27.2%	529	500	-29	-5.5%	
28.4%	510	498	-12	-2.3%	
29.6%	497	487	-10	-2.1%	
30.9%	494	480	-14	-2.8%	
32.1%	491	476	-16	-3.2%	
33.3%	487	458	-29	-6.0%	
34.6%	484	427	-57	-11.8%	
35.8%	483	413	-70	-14.5%	
37.0%	474	412	-62	-13.2%	
38.3%	441	408	-34	-7.6%	
39.5%	440	403	-37	-8.4%	
40.7%	418	402	-16	-3.7%	
42.0%	415	402	-13	-3.2%	
43.2%	402	387	-15	-3.8%	
44.4%	394	368	-26	-6.5%	
45.7%	392	363	-29	-7.4%	
46.9%	387	359	-28	-7.3%	
48.1%	383	349	-34	-8.9%	
49.4%	373	349	-24	-6.4%	
50.6%	368	344	-24	-6.5%	
51.9%	357	330	-27	-7.4%	
53.1%	349	326	-24	-6.8%	
54.3%	344	319	-24	-7.1%	
55.6%	328	304	-24	-7.4%	
56.8%	321	294	-27	-8.5%	
58.0%	301	291	-11	-3.6%	
59.3%	300	287	-13	-4.3%	
60.5%	299	277	-23	-7.5%	
61.7%	298	273	-26	-8.6%	
63.0%	292	266	-26	-8.9%	
64.2%	277	265	-11	-4.1%	
65.4%	274	263	-12	-4.3%	
66.7%	272	253	-18	-6.7%	
67.9%	268	251	-18	-6.7%	
69.1%	268	250	-19	-6.9%	
70.4%	251	246	-5	-1.8%	
71.6%	249	245	-4	-1.5%	
72.8%	248	236	-12	-4.8%	
74.1%	240	232	-9	-3.5%	
75.3%	239	231	-8	-3.4%	
76.5%	233	226	-7	-2.8%	
77.8%	231	212	-19	-8.2%	
79.0%	209	208	-1	-0.4%	
80.2%	202	203	0	0.2%	
81.5%	198	196	-1	-0.6%	
82.7%	187	187	0	0.1%	
84.0%	183	174	-9	-5.0%	
85.2%	180	170	-10	-5.4%	
86.4%	175	167	-8	-4.6%	
87.7%	173	160	-14	-8.0%	
88.9%	169	155	-14	-8.0%	
90.1%	164	154	-10	-6.1%	
91.4%	157	153	-4	-2.6%	
92.6%	149	151	2	1.4%	
93.8%	143	143	0	0.1%	
95.1%	127	142	15	11.5%	
96.3%	109	125	16	14.7%	
97.5%	87	117	31	35.6%	
98.8%	80	106	27	33.3%	
100.0%	63	64	1	1.0%	

July					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	795	701	-93	-11.8%	
1.2%	734	699	-35	-4.7%	
2.5%	656	636	-20	-3.0%	
3.7%	584	610	26	4.4%	
4.9%	572	565	-7	-1.3%	
6.2%	543	541	-2	-0.3%	
7.4%	534	541	8	1.4%	
8.6%	505	537	31	6.2%	
9.9%	500	511	11	2.2%	
11.1%	496	501	5	1.0%	
12.3%	486	476	-10	-2.0%	
13.6%	484	474	-10	-2.2%	
14.8%	452	446	-6	-1.3%	
16.0%	449	434	-16	-3.5%	
17.3%	443	430	-13	-2.9%	
18.5%	442	425	-17	-3.8%	
19.8%	437	423	-15	-3.3%	
21.0%	403	415	12	3.0%	
22.2%	390	399	9	2.1%	
23.5%	386	392	6	1.5%	
24.7%	369	360	-9	-2.3%	
25.9%	350	350	0	2.7%	
27.2%	348	356	8	2.3%	
28.4%	345	308	-38	-10.9%	
29.6%	339	295	-44	-15.9%	
30.9%	333	299	-34	-10.2%	
32.1%	303	267	-36	-11.7%	
33.3%	281	267	-15	-5.3%	
34.6%	279	243	-36	-12.9%	
35.8%	252	243	-10	-3.8%	
37.0%	243	229	-13	-5.5%	
38.3%	240	229	-11	-4.7%	
39.5%	239	220	-19	-7.9%	
40.7%	239	220	-19	-7.9%	
42.0%	214	214	0	-2.0%	
43.2%	228	205	-24	-10.3%	
44.4%	226	205	-22	-9.6%	
45.7%	221	204	-17	-7.8%	
46.9%	215	202	-13	-5.8%	
48.1%	214	201	-13	-5.9%	
49.4%	211	200	-12	-5.5%	
50.6%	204	194	-10	-5.1%	
51.9%	202	177	-25	-12.3%	
53.1%	199	173	-26	-13.1%	
54.3%	198	172	-26	-13.0%	
55.6%	198	166	-30	-15.2%	
56.8%	183	166	-17	-9.3%	
58.0%	180	161	-18	-10.2%	
59.3%	175	157	-18	-10.1%	
60.5%	171	156	-15	-8.9%	
61.7%	164	150	-14	-8.6%	
63.0%	157	149	-8	-4.7%	
64.2%	154	142	-12	-8.0%	
65.4%	154	135	-18	-11.9%	
66.7%	153	133	-20	-13.2%	
67.9%	142	132	-10	-7.3%	
69.1%	142	127	-14	-10.1%	
70.4%	139	126	-13	-9.4%	
71.6%	138	125	-13	-9.4%	
72.8%	110	125	15	13.6%	
74.1%	109	116	7	6.6%	
75.3%	109	114	4	4.1%	
76.5%	106	112	4	3.5%	
77.8%	108	104	-4	-3.3%	
79.0%	106	97	-9	-8.7%	
80.2%	103	94	-9	-8.6%	
81.5%	103	92	-11	-10.5%	
82.7%	94	90	-4	-4.3%	
84.0%	90	90	0	0.5%	
85.2%	90	90	0	0.0%	
86.4%	90	86	-4	-4.2%	
87.7%	89	81	-9	-9.6%	
88.9%	79	80	1	1.2%	
90.1%	75	71	-4	-5.0%	
91.4%	45	61	16	34.5%	
92.6%	45	60	15	33.0%	
93.8%	45	56	11	25.0%	
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%	

August					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	663	605	-58	-8.7%	
1.2%	636	596	-40	-6.3%	
2.5%	572	559	-13	-2.3%	
3.7%	432	471	39	9.1%	
4.9%	421	464	43	10.2%	
6.2%	401	461	60	15.0%	
7.4%	375	420	45	12.0%	
8.6%	362	410	48	13.2%	
9.9%	355	384	29	8.2%	
11.1%	351	380	29	8.3%	
12.3%	351	373	23	6.5%	
13.6%	346	370	25	7.1%	
14.8%	337	366	29	8.6%	
16.0%	314	365	51	16.3%	
17.3%	310	345	35	11.4%	
18.5%	309	340	31	10.0%	
19.8%	299	312	13	4.4%	
21.0%	283	310	26	9.2%	
22.2%	267	262	-5	-2.0%	
23.5%	255	249	-6	-2.5%	
24.7%	251	236	-15	-6.1%	
25.9%	234	235	1	0.5%	
27.2%	224	226	2	1.1%	
28.4%	196	211	16	8.0%	
29.6%	194	199	5	2.6%	
30.9%	190	232	42	21.9%	
32.1%	186	190	4	2.1%	
33.3%	167	186	19	11.6%	
34.6%	165	181	16	9.8%	
35.8%	159	178	19	11.7%	
37.0%	145	173	28	19.2%	
38.3%	142	170	27	19.3%	
39.5%	141	161	20	14.0%	
40.7%	141	158	17	12.1%	
42.0%	143	156	13	9.1%	
43.2%	136	142	6	4.3%	
44.4%	135	146	11	7.8%	
45.7%	130	143	13	10.3%	
46.9%	126	137	11	8.9%	
48.1%	114	135	22	19.2%	
49.4%	110	130	20	17.8%	
50.6%	105	125	20	18.8%	
51.9%	99	121	21	21.5%	
53.1%	96	111	15	15.7%	
54.3%	91	110	19	20.6%	
55.6%	91	109	18	19.6%	
56.8%	90	108	18	20.3%	
58.0%	90	101	11	12.3%	
59.3%	90	98	8	8.5%	
60.5%	90	96	6	6.5%	
61.7%	81	90	9	10.9%	
63.0%	80	87	7	8.8%	
64.2%	78	80	3	3.3%	
65.4%	77	80	3	3.4%	
66.7%	75	65	-9	-12.4%	
67.9%	73	63	-10	-13.6%	
69.1%	63	63	0	0.0%	
70.4%	56	63	7	12.2%	
71.6%	54	61	7	13.1%	
72.8%	50	60	10	20.2%	
74.1%	47	52	5	10.6%	
75.3%	45	53	8	18.1%	
76.5%	45	46	1	2.4%	
77.8%	45	45	0	0.0%	
79.0%	45	45	0	0.0%	
80.2%	45	45	0	0.0%	
81.5%	45	45	0	0.0%	
82.7%	45	45	0	0.0%	
84.0%	45	45	0	0.0%	
85.2%	45	45	0	0.0%	
86.4%	45	45	0	0.0%	
87.7%	45	45	0	0.0%	
88.9%	45	45	0	0.0%	
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%					

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

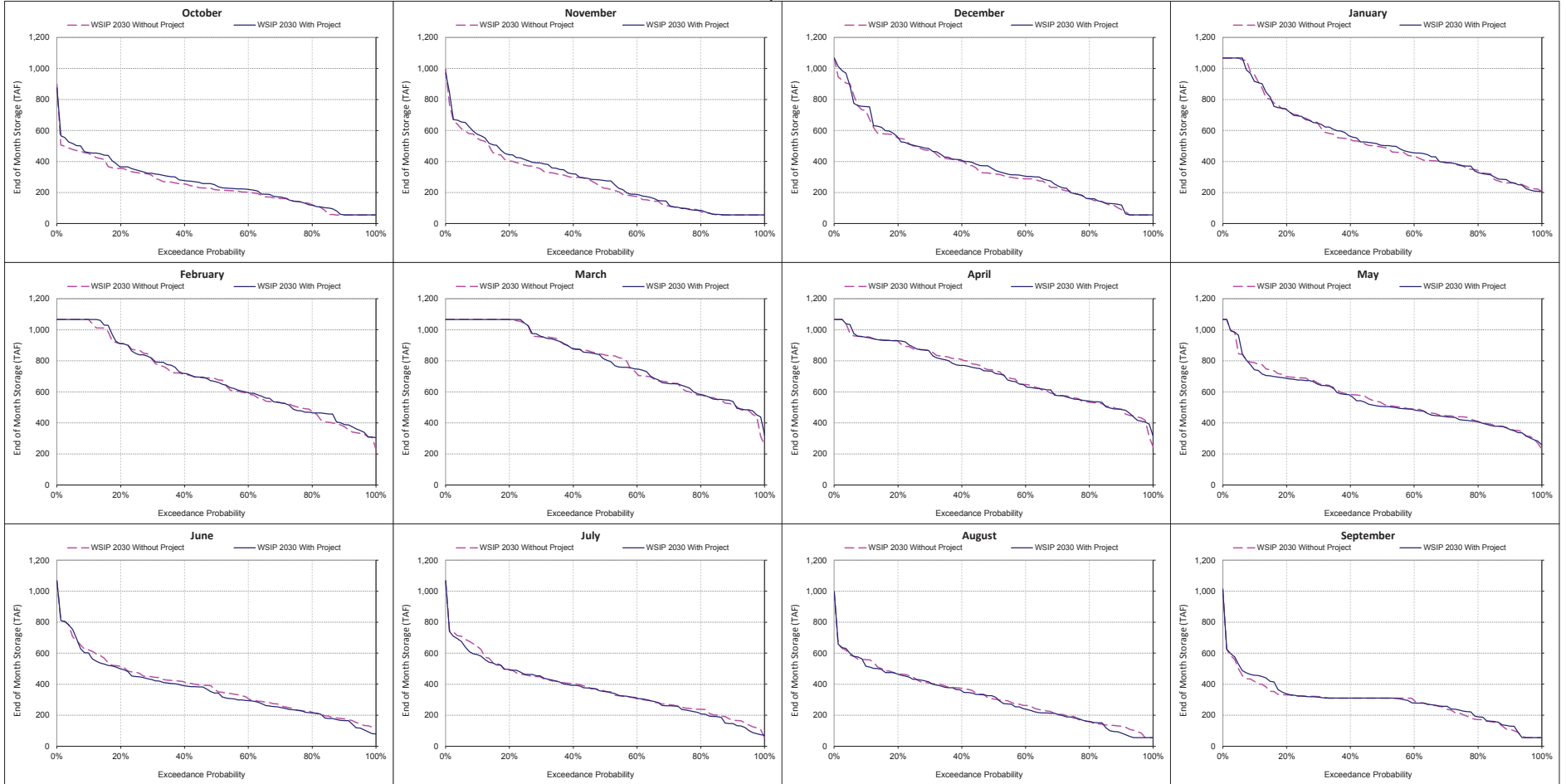


Table SW-45-b
San Luis Reservoir (SWP), End of Month Storage
Probability of Exceedance

October					
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	898	876	-23	-2.5%	
1.2%	507	566	59	11.6%	
2.5%	499	553	55	10.9%	
3.7%	487	526	39	7.9%	
4.9%	478	517	39	8.1%	
6.2%	471	502	31	6.7%	
7.4%	467	500	33	7.1%	
8.6%	466	463	6	1.4%	
9.9%	453	457	4	0.9%	
11.1%	439	455	16	3.7%	
12.3%	426	454	28	6.7%	
13.6%	419	449	31	7.3%	
14.8%	414	441	27	6.5%	
16.0%	367	439	71	19.4%	
17.3%	360	405	45	12.5%	
18.5%	350	387	37	8.8%	
19.8%	355	366	11	3.2%	
21.0%	354	366	12	3.5%	
22.2%	342	366	24	6.9%	
23.5%	334	354	21	6.2%	
24.7%	330	347	17	5.2%	
25.9%	326	339	14	4.2%	
27.2%	323	334	11	3.4%	
28.4%	321	325	4	1.4%	
29.6%	312	325	13	4.1%	
30.9%	289	319	30	10.3%	
32.1%	282	317	34	12.2%	
33.3%	270	311	41	15.0%	
34.6%	270	306	37	13.5%	
35.8%	268	302	35	13.0%	
37.0%	262	300	38	14.6%	
38.3%	257	283	26	10.0%	
39.5%	257	278	22	8.4%	
40.7%	253	274	22	8.5%	
42.0%	243	273	30	12.3%	
43.2%	242	270	28	11.6%	
44.4%	231	267	35	15.2%	
45.7%	229	258	29	12.7%	
46.9%	229	257	28	12.4%	
48.1%	228	257	29	12.8%	
49.4%	219	250	32	14.4%	
50.6%	216	236	20	9.3%	
51.9%	215	231	15	7.2%	
53.1%	213	228	15	6.9%	
54.3%	212	227	15	7.0%	
55.6%	211	226	15	7.3%	
56.8%	209	223	14	6.9%	
58.0%	203	223	19	9.6%	
59.3%	203	221	18	8.9%	
60.5%	197	219	22	11.1%	
61.7%	197	216	18	9.3%	
63.0%	193	209	17	8.6%	
64.2%	180	189	9	4.9%	
65.4%	172	188	17	9.7%	
66.7%	171	188	17	9.6%	
67.9%	166	175	10	6.0%	
69.1%	162	172	10	6.2%	
70.4%	161	170	9	5.4%	
71.6%	161	163	3	1.8%	
72.8%	160	151	-9	-5.6%	
74.1%	144	144	0	0.2%	
75.3%	142	143	1	0.6%	
76.5%	140	138	-1	-1.0%	
77.8%	136	130	-5	-4.0%	
79.0%	130	121	-8	-6.2%	
80.2%	119	117	-2	-1.6%	
81.5%	114	108	-6	-5.3%	
82.7%	103	106	4	3.4%	
84.0%	88	102	15	17.7%	
85.2%	58	59	41	70.6%	
86.4%	58	95	37	63.7%	
87.7%	55	55	27	49.0%	
88.9%	55	59	4	6.8%	
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 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	994	972	-22	-2.3%	
1.2%	566	647	81	10.8%	
2.5%	662	671	9	1.3%	
3.7%	640	667	27	4.2%	
4.9%	611	654	43	7.0%	
6.2%	597	651	54	9.1%	
7.4%	579	623	43	7.5%	
8.6%	578	597	20	3.4%	
9.9%	549	576	27	4.9%	
11.1%	537	565	28	5.3%	
12.3%	530	552	22	4.1%	
13.6%	502	518	16	3.1%	
14.8%	458	507	49	10.7%	
16.0%	444	504	60	13.6%	
17.3%	443	475	31	7.1%	
18.5%	414	452	39	9.4%	
19.8%	403	444	41	10.1%	
21.0%	402	443	42	10.3%	
22.2%	393	426	33	8.4%	
23.5%	388	424	36	9.2%	
24.7%	377	413	36	9.5%	
25.9%	372	406	34	9.2%	
27.2%	370	395	25	6.8%	
28.4%	362	391	29	8.1%	
29.6%	355	391	36	10.0%	
30.9%	335	384	49	14.7%	
32.1%	328	381	52	16.0%	
33.3%	327	359	32	9.7%	
34.6%	322	357	35	11.0%	
35.8%	316	348	32	10.0%	
37.0%	313	348	35	11.0%	
38.3%	304	327	24	7.8%	
39.5%	298	321	23	7.7%	
40.7%	298	320	22	7.5%	
42.0%	298	320	1	0.4%	
43.2%	293	296	3	1.1%	
44.4%	289	292	4	1.3%	
45.7%	285	285	9	3.4%	
46.9%	261	283	22	8.4%	
48.1%	245	281	37	15.0%	
49.4%	230	278	48	20.7%	
50.6%	226	275	49	21.6%	
51.9%	220	274	54	24.6%	
53.1%	213	250	37	17.3%	
54.3%	204	226	22	10.7%	
55.6%	188	219	32	16.8%	
56.8%	184	198	14	7.5%	
58.0%	180	190	10	5.6%	
59.3%	176	189	13	7.5%	
60.5%	174	187	13	7.5%	
61.7%	155	176	21	13.9%	
63.0%	153	175	21	14.0%	
64.2%	148	168	20	13.5%	
65.4%	144	160	16	11.2%	
66.7%	143	149	6	4.2%	
67.9%	124	146	23	18.3%	
69.1%	115	145	30	26.4%	
70.4%	114	111	-3	-2.5%	
71.6%	106	107	1	0.6%	
72.8%	103	105	2	1.7%	
74.1%	101	97	-4	-3.8%	
75.3%	96	97	1	0.7%	
76.5%	95	90	-5	-5.4%	
77.8%	93	86	-7	-7.2%	
79.0%	86	86	-3	-3.3%	
80.2%	73	84	11	14.6%	
81.5%	72	74	2	2.3%	
82.7%	64	68	3	5.2%	
84.0%	61	59	-1	-2.1%	
85.2%	58	59	4	6.9%	
86.4%	55	58	3	5.6%	
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 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	
0.0%	1,067	1,067	0	0.0%	
1.2%	946	1,012	66	7.0%	
2.5%	925	986	61	6.6%	
3.7%	906	967	64	7.1%	
4.9%	900	889	-11	-1.2%	
6.2%	825	776	-50	-6.0%	
7.4%	769	761	-2	0.2%	
8.6%	734	756	22	3.0%	
9.9%	730	754	24	3.3%	
11.1%	671	752	81	12.0%	
12.3%	619	631	12	2.0%	
13.6%	582	627	45	7.8%	
14.8%	580	621	41	7.1%	
16.0%	578	598	20	3.5%	
17.3%	577	596	20	3.4%	
18.5%	572	583	11	1.9%	
19.8%	554	561	8	1.4%	
21.0%	547	526	-21	-3.9%	
22.2%	544	524	-20	-3.8%	
23.5%	516	512	-4	-0.8%	
24.7%	501	479	-22	-4.4%	
25.9%	499	496	-1	-0.1%	
27.2%	483	494	11	2.2%	
28.4%	474	487	13	2.7%	
29.6%	455	472	17	3.8%	
30.9%	470	465	-5	-1.1%	
32.1%	447	463	16	3.6%	
33.3%	425	447	22	5.2%	
34.6%	421	429	8	1.8%	
35.8%	416	428	12	2.8%	
37.0%	415	415	0	0.0%	
38.3%	410	414	4	0.9%	
39.5%	405	412	7	1.6%	
40.7%	398	402	4	0.9%	
42.0%	374	400	26	6.9%	
43.2%	395	395	22	5.9%	
44.4%	359	383	24	6.7%	
45.7%	330	374	44	13.4%	
46.9%	327	373	46	14.0%	
48.1%	326	372	46	14.0%	
49.4%	322	356	34	10.5%	
50.6%	319	341	22	6.9%	
51.9%	317	333	15	4.9%	
53.1%	308	327	19	6.0%	
54.3%	301	320	19	6.3%	
55.6%	297	315	17	5.9%	
56.8%	293	315	21	7.2%	
58.0%	289	312	23	8.0%	
59.3%	289	308	19	6.6%	
60.5%	289	304	16	5.4%	
61.7%	288	303	15	5.2%	
63.0%	285	301	16	5.8%	
64.2%	275	300	25	9.0%	
65.4%	273	286	13	4.7%	
66.7%	254	280	26	10.4%	
67.9%	233	276	43	18.3%	
69.1%	233	254	21	8.9%	
70.4%	230	240	11	4.7%	
71.6%	217	230	13	6.0%	
72.8%	211	226	15	7.3%	
74.1%	208	207	-1	-0.5%	
75.3%	196	192	-4	-1.9%	
76.5%	189	187	-2	-1.1%	
77.8%	178	182	3	2.0%	
79.0%	162	162	0	0.3%	
80.2%	160	160	0	0.3%	
81.5%	149	160	11	7.5%	
82.7%	146	146	0	0.3%	
84.0%	141	142	1	1.0%	
85.2%	129	131	2	1.5%	
86.4%	119	129	11	9.0%	
87.7%	118	127	9	7.6%	
88.9%	102	123	21	21.0%	
90.1%	89	119	30	33.2%	
91.4%	78	83	5	6.4%	
92.6%	55	55	0	0.6%	
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			

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

February				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 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%	1,038	1,067	29	2.8%
12.3%	1,012	1,067	55	5.4%
13.6%	1,012	1,061	49	4.8%
14.8%	1,012	1,030	18	1.8%
16.0%	987	1,029	42	4.2%
17.3%	930	970	41	4.4%
18.5%	918	926	8	0.9%
19.8%	912	910	-2	-0.2%
21.0%	911	909	-3	-0.3%
22.2%	904	900	-3	-0.4%
23.5%	875	863	-12	-1.4%
24.7%	869	847	-22	-2.6%
25.9%	868	840	-28	-3.3%
27.2%	849	839	-10	-1.2%
28.4%	846	830	-15	-1.8%
29.6%	815	819	4	0.5%
30.9%	782	792	10	1.3%
32.1%	771	791	20	2.6%
33.3%	764	791	27	3.5%
34.6%	750	776	26	3.5%
35.8%	727	772	45	6.2%
37.0%	722	759	37	5.1%
38.3%	722	729	7	1.0%
39.5%	715	719	4	0.5%
40.7%	711	718	7	1.0%
42.0%	704	707	3	0.4%
43.2%	696	697	1	0.1%
44.4%	694	696	2	0.2%
45.7%	691	694	3	0.4%
46.9%	690	686	-4	-0.6%
48.1%	689	673	-16	-2.3%
49.4%	687	667	-20	-2.9%
50.6%	677	660	-17	-2.4%
51.9%	675	649	-25	-3.8%
53.1%	639	643	4	0.6%
54.3%	610	627	17	2.7%
55.6%	605	622	17	2.7%
56.8%	604	610	6	1.0%
58.0%	597	604	7	1.2%
59.3%	593	598	5	0.9%
60.5%	583	591	8	1.4%
61.7%	579	591	12	2.1%
63.0%	561	580	19	3.4%
64.2%	558	571	14	2.4%
65.4%	540	559	19	3.5%
66.7%	537	558	20	3.8%
67.9%	536	535	-1	-0.2%
69.1%	535	532	-3	-0.6%
70.4%	528	529	1	0.1%
71.6%	527	525	-2	-0.4%
72.8%	521	514	-7	-1.4%
74.1%	510	489	-22	-4.2%
75.3%	503	479	-24	-4.8%
76.5%	496	477	-19	-3.8%
77.8%	491	469	-23	-4.6%
79.0%	489	469	-20	-4.1%
80.2%	470	464	-6	-1.3%
81.5%	454	464	9	2.1%
82.7%	420	464	44	10.5%
84.0%	406	460	54	13.2%
85.2%	404	457	54	13.3%
86.4%	400	457	57	14.4%
87.7%	392	406	14	3.5%
88.9%	387	401	14	3.6%
90.1%	375	388	13	3.3%
91.4%	356	387	31	8.6%
92.6%	341	374	33	9.8%
93.8%	337	362	25	7.5%
95.1%	333	352	19	5.7%
96.3%	328	338	11	3.3%
97.5%	309	310	1	0.3%
98.8%	308	309	1	0.4%
100.0%	230	305	74	32.3%

March				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 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	1,067	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%	1,065	1,067	2	0.2%
22.2%	1,059	1,067	8	0.7%
23.5%	1,054	1,067	13	1.2%
24.7%	1,042	1,045	3	0.3%
25.9%	1,026	1,025	-1	-0.1%
27.2%	960	976	16	1.7%
28.4%	957	975	17	1.8%
29.6%	954	961	7	0.7%
30.9%	954	952	-2	-0.2%
32.1%	954	944	-10	-1.0%
33.3%	949	942	-7	-0.8%
34.6%	945	933	-12	-1.2%
35.8%	925	925	0	0.0%
37.0%	907	913	6	0.7%
38.3%	899	899	0	0.0%
39.5%	877	882	5	0.6%
40.7%	873	876	3	0.4%
42.0%	873	875	2	0.3%
43.2%	871	857	-14	-1.6%
44.4%	867	854	-13	-1.5%
45.7%	858	850	-8	-0.9%
46.9%	852	846	-6	-0.6%
48.1%	844	840	-4	-0.5%
49.4%	841	815	-25	-3.0%
50.6%	835	802	-33	-3.9%
51.9%	834	795	-39	-4.6%
53.1%	831	769	-63	-7.5%
54.3%	820	760	-60	-7.3%
55.6%	816	758	-58	-7.1%
56.8%	798	758	-40	-5.0%
58.0%	745	755	10	1.4%
59.3%	734	748	14	1.9%
60.5%	705	746	41	5.9%
61.7%	703	739	36	5.2%
63.0%	700	731	31	4.4%
64.2%	698	702	5	0.6%
65.4%	681	687	6	0.9%
66.7%	670	677	7	1.2%
67.9%	669	660	-9	-1.4%
69.1%	666	656	-10	-1.5%
70.4%	656	652	-4	-0.6%
71.6%	656	652	-4	-0.6%
72.8%	654	651	-3	-0.4%
74.1%	642	641	-1	-0.1%
75.3%	608	633	27	4.5%
76.5%	600	623	23	3.9%
77.8%	589	600	11	1.8%
79.0%	580	588	8	1.4%
80.2%	579	581	2	0.4%
81.5%	572	575	3	0.5%
82.7%	564	565	2	0.3%
84.0%	553	553	0	0.0%
85.2%	551	504	-47	-8.5%
86.4%	547	551	4	0.7%
87.7%	527	548	21	4.0%
88.9%	524	546	22	4.2%
90.1%	520	537	17	3.3%
91.4%	503	493	-10	-2.0%
92.6%	485	490	5	1.0%
93.8%	480	485	5	1.0%
95.1%	478	484	6	1.3%
96.3%	454	477	23	5.1%
97.5%	441	452	11	2.4%
98.8%	313	439	126	40.4%
100.0%	256	321	65	25.2%

April				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 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	1,066	-1	-0.1%
3.7%	1,039	1,039	0	0.0%
4.9%	977	1,034	57	5.8%
6.2%	961	977	16	1.7%
7.4%	958	958	0	0.0%
8.6%	956	967	11	1.1%
9.9%	955	951	-4	-0.4%
11.1%	953	949	-4	-0.4%
12.3%	942	942	0	0.0%
13.6%	940	936	-3	-0.3%
14.8%	936	934	-2	-0.2%
16.0%	934	932	-2	-0.2%
17.3%	933	931	-2	-0.2%
18.5%	931	929	-2	-0.2%
19.8%	931	929	-2	-0.2%
21.0%	907	928	21	2.3%
22.2%	907	923	16	1.8%
23.5%	892	902	10	1.1%
24.7%	878	891	13	1.5%
25.9%	876	877	1	0.1%
27.2%	873	871	-2	-0.2%
28.4%	871	869	-2	-0.2%
29.6%	867	866	-1	-0.1%
30.9%	855	842	-13	-1.5%
32.1%	835	820	-15	-1.8%
33.3%	831	814	-17	-2.0%
34.6%	829	808	-21	-2.5%
35.8%	824	801	-24	-2.9%
37.0%	815	784	-32	-3.9%
38.3%	815	774	-42	-5.1%
39.5%	811	771	-40	-4.9%
40.7%	801	771	-31	-3.8%
42.0%	785	765	-20	-2.6%
43.2%	780	758	-22	-2.8%
44.4%	777	752	-25	-3.2%
45.7%	770	749	-21	-2.7%
46.9%	753	736	-17	-2.3%
48.1%	743	734	-9	-1.2%
49.4%	742	732	-10	-1.3%
50.6%	732	718	-14	-2.0%
51.9%	729	714	-15	-2.0%
53.1%	706	710	4	0.5%
54.3%	693	679	-14	-2.0%
55.6%	686	669	-17	-2.5%
56.8%	682	667	-15	-2.2%
58.0%	648	650	2	0.3%
59.3%	648	647	-1	-0.1%
60.5%	646	631	-16	-2.4%
61.7%	641	628	-13	-2.1%
63.0%	631	622	-9	-1.4%
64.2%	623	622	-1	-0.1%
65.4%	608	618	10	1.7%
66.7%	605	613	8	1.3%
67.9%	591	612	21	3.6%
69.1%	586	579	-7	-1.2%
70.4%	577	575	-2	-0.3%
71.6%	574	575	1	0.2%
72.8%	574	567	-8	-1.4%
74.1%	565	561	-4	-0.7%
75.3%	561	553	-8	-1.3%
76.5%	556	552	-4	-0.7%
77.8%	537	546	9	1.6%
79.0%	536	543	7	1.3%
80.2%	533	540	7	1.2%
81.5%	530	536	6	1.2%
82.7%	527	536	9	1.6%
84.0%	524	532	8	1.5%
85.2%	508	504	-4	-0.9%
86.4%	505	497	-8	-1.6%
87.7%	498	490	-8	-1.6%
88.9%	489	490	1	0.2%
90.1%	488	486	-2	-0.4%
91.4%	457	482	25	5.5%
92.6%	448	462	14	3.1%
93.8%	445	438	-8	-1.7%
95.1%	438	416	-22	-5.0%
96.3%	432	411	-21	-4.7%
97.5%	407	407	0	0.0%
98.8%	308	391	84	27.2%
100.0%	244	313	69	28.1%

May				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 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%	994	994	0	0.0%
3.7%	986	984	-2	-0.2%
4.9%	845	965	120	14.2%
6.2%	842	842	0	0.0%
7.4%	803	804	1	0.1%
8.6%	792	776	-16	-2.0%
9.9%	789	743	-45	-5.7%
11.1%	777	738	-40	-5.1%
12.3%	775	715	-60	-7.7%
13.6%	748	706	-42	-5.6%
14.8%	743	704	-39	-5.2%
16.0%	736	698	-38	-5.1%
1				

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

June				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	1,067	0	0	0.0%
1.2%	808	810	2	0.2%
2.5%	806	804	-2	-0.2%
3.7%	783	783	0	-0.1%
4.9%	706	755	48	6.8%
6.2%	680	694	14	2.0%
7.4%	654	630	-24	-3.7%
8.6%	626	604	-22	-3.6%
9.9%	622	602	-20	-3.1%
11.1%	612	564	-48	-7.8%
12.3%	595	549	-46	-7.8%
13.6%	586	536	-50	-8.5%
14.8%	568	530	-38	-6.7%
16.0%	538	522	-16	-2.9%
17.3%	523	518	-4	-0.8%
18.5%	519	511	-9	-1.7%
19.8%	516	500	-16	-3.1%
21.0%	509	494	-14	-2.8%
22.2%	485	482	-3	-0.6%
23.5%	479	452	-27	-5.6%
24.7%	478	450	-29	-6.0%
25.9%	470	448	-22	-4.7%
27.2%	452	442	-10	-2.2%
28.4%	451	436	-15	-3.4%
29.6%	448	431	-17	-3.8%
30.9%	444	422	-22	-5.0%
32.1%	443	421	-23	-5.1%
33.3%	430	412	-18	-4.2%
34.6%	426	408	-19	-4.4%
35.8%	425	405	-19	-4.6%
37.0%	423	403	-20	-4.6%
38.3%	421	398	-23	-5.4%
39.5%	417	392	-26	-6.1%
40.7%	407	387	-20	-4.9%
42.0%	407	385	-22	-5.3%
43.2%	400	385	-15	-3.7%
44.4%	396	382	-14	-3.5%
45.7%	393	382	-11	-2.7%
46.9%	392	369	-23	-5.9%
48.1%	391	354	-37	-9.4%
49.4%	367	344	-23	-6.2%
50.6%	351	343	-8	-2.2%
51.9%	348	318	-30	-8.7%
53.1%	342	311	-31	-9.0%
54.3%	341	307	-33	-9.8%
55.6%	335	305	-31	-9.2%
56.8%	332	299	-33	-10.0%
58.0%	326	299	-27	-8.2%
59.3%	318	295	-23	-7.1%
60.5%	300	294	-6	-2.0%
61.7%	297	290	-7	-2.4%
63.0%	290	285	-5	-1.9%
64.2%	289	275	-14	-4.8%
65.4%	284	262	-22	-7.6%
66.7%	281	260	-22	-7.7%
67.9%	274	256	-19	-6.8%
69.1%	273	254	-19	-6.9%
70.4%	258	248	-10	-3.8%
71.6%	254	243	-10	-4.1%
72.8%	248	236	-12	-4.8%
74.1%	244	236	-9	-3.5%
75.3%	232	233	0	0.2%
76.5%	227	230	3	1.3%
77.8%	227	221	-6	-2.8%
79.0%	227	216	-10	-4.6%
80.2%	216	214	-2	-0.8%
81.5%	210	212	2	1.0%
82.7%	209	207	-3	-1.3%
84.0%	198	192	-6	-2.2%
85.2%	201	178	-21	-8.8%
86.4%	183	178	-5	-2.5%
87.7%	182	172	-11	-5.8%
88.9%	179	167	-12	-6.9%
90.1%	176	166	-11	-6.0%
91.4%	172	164	-7	-3.1%
92.6%	165	144	-21	-12.9%
93.8%	152	120	-33	-21.6%
95.1%	145	117	-28	-19.0%
96.3%	134	105	-28	-21.0%
97.5%	131	94	-38	-28.8%
98.8%	124	81	-43	-35.0%
100.0%	116	80	-37	-31.4%

July				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	1,067	1,067	0	0.0%
1.2%	746	741	-5	-0.7%
2.5%	737	709	-28	-3.7%
3.7%	713	694	-19	-2.6%
4.9%	710	675	-35	-4.9%
6.2%	689	640	-49	-7.2%
7.4%	677	610	-67	-10.0%
8.6%	661	596	-65	-9.8%
9.9%	644	515	-129	-20.0%
11.1%	624	581	-43	-6.9%
12.3%	574	559	-15	-2.7%
13.6%	568	541	-27	-4.7%
14.8%	541	536	-5	-0.9%
16.0%	534	524	-10	-1.8%
17.3%	523	522	-1	-0.2%
18.5%	491	475	-16	-3.3%
19.8%	490	490	0	0.0%
21.0%	490	491	1	0.2%
22.2%	473	490	17	3.6%
23.5%	465	479	14	3.0%
24.7%	462	463	1	0.2%
25.9%	456	462	6	1.4%
27.2%	451	462	12	2.6%
28.4%	450	455	6	1.3%
29.6%	448	455	7	1.6%
30.9%	434	399	-35	-8.1%
32.1%	429	432	3	0.7%
33.3%	421	427	6	1.3%
34.6%	421	419	-2	-0.4%
35.8%	415	414	-1	-0.3%
37.0%	410	407	-3	-0.7%
38.3%	406	398	-8	-2.0%
39.5%	405	393	-12	-2.9%
40.7%	402	392	-9	-2.3%
42.0%	390	390	0	0.0%
43.2%	389	377	-12	-3.1%
44.4%	385	376	-9	-2.3%
45.7%	371	373	2	0.6%
46.9%	370	371	1	0.2%
48.1%	368	359	-9	-2.4%
49.4%	353	353	0	0.0%
50.6%	351	352	1	0.3%
51.9%	351	345	-6	-1.8%
53.1%	328	341	13	3.8%
54.3%	326	327	1	0.4%
55.6%	323	324	2	0.5%
56.8%	323	323	0	0.0%
58.0%	318	316	-2	-0.5%
59.3%	311	316	5	1.6%
60.5%	302	308	6	1.8%
61.7%	301	305	4	1.4%
63.0%	297	300	3	1.0%
64.2%	294	294	0	0.0%
65.4%	282	288	7	2.3%
66.7%	281	282	2	0.5%
67.9%	273	263	-10	-3.5%
69.1%	272	262	-10	-3.7%
70.4%	258	260	2	0.7%
71.6%	264	259	-5	-1.9%
72.8%	255	258	4	1.5%
74.1%	251	237	-13	-5.3%
75.3%	246	234	-12	-5.0%
76.5%	244	228	-16	-6.5%
77.8%	241	223	-18	-7.6%
79.0%	239	219	-20	-8.3%
80.2%	238	207	-31	-13.0%
81.5%	237	207	-30	-12.8%
82.7%	211	195	-16	-7.8%
84.0%	202	192	-10	-5.0%
85.2%	201	191	-10	-5.1%
86.4%	194	186	-8	-4.0%
87.7%	191	149	-42	-22.0%
88.9%	177	147	-30	-16.8%
90.1%	167	147	-20	-12.2%
91.4%	165	133	-33	-19.8%
92.6%	164	132	-33	-20.0%
93.8%	150	120	-30	-19.8%
95.1%	137	102	-35	-25.4%
96.3%	125	88	-37	-29.8%
97.5%	119	81	-38	-31.8%
98.8%	107	74	-33	-30.7%
100.0%	55	70	15	28.0%

August				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	998	998	0	0.0%
1.2%	658	658	0	0.0%
2.5%	632	636	5	0.7%
3.7%	619	571	-48	-7.7%
4.9%	587	600	14	2.3%
6.2%	579	579	0	0.0%
7.4%	562	576	14	2.5%
8.6%	561	564	3	0.4%
9.9%	558	515	-43	-7.7%
11.1%	557	511	-47	-8.4%
12.3%	542	503	-39	-7.1%
13.6%	511	500	-11	-2.1%
14.8%	500	495	-5	-1.1%
16.0%	486	476	-11	-2.2%
17.3%	485	475	-9	-2.0%
18.5%	476	475	-1	-0.1%
19.8%	467	466	-1	-0.3%
21.0%	465	458	-7	-1.5%
22.2%	453	453	0	0.0%
23.5%	457	446	-10	-2.3%
24.7%	447	433	-14	-3.2%
25.9%	428	431	3	0.7%
27.2%	416	427	11	2.7%
28.4%	412	422	10	2.3%
29.6%	406	416	10	2.5%
30.9%	403	399	-4	-0.9%
32.1%	403	394	-9	-2.3%
33.3%	400	389	-11	-2.6%
34.6%	390	381	-9	-2.4%
35.8%	381	378	-3	-0.8%
37.0%	378	377	-1	-0.2%
38.3%	377	365	-13	-3.4%
39.5%	375	364	-11	-2.9%
40.7%	369	346	-23	-6.2%
42.0%	367	346	-21	-5.8%
43.2%	360	344	-17	-4.7%
44.4%	342	334	-7	-2.1%
45.7%	336	333	-3	-0.8%
46.9%	336	331	-4	-1.3%
48.1%	310	326	15	4.9%
49.4%	307	325	18	5.8%
50.6%	303	315	13	4.2%
51.9%	298	291	-6	-2.1%
53.1%	296	274	-22	-7.4%
54.3%	294	274	-20	-6.8%
55.6%	282	272	-10	-3.7%
56.8%	272	255	-18	-6.4%
58.0%	271	254	-17	-6.4%
59.3%	263	242	-21	-8.1%
60.5%	262	238	-25	-9.4%
61.7%	257	230	-27	-10.4%
63.0%	243	221	-22	-9.2%
64.2%	236	219	-19	-8.2%
65.4%	232	215	-17	-7.4%
66.7%	227	214	-13	-5.8%
67.9%	224	214	-11	-4.7%
69.1%	210	213	3	1.5%
70.4%	206	202	-4	-2.0%
71.6%	205	198	-7	-3.5%
72.8%	197	189	-7	-3.8%
74.1%	196	189	-7	-3.8%
75.3%	191	181	-9	-4.9%
76.5%	172	179	7	4.1%
77.8%	169	169	0	0.1%
79.0%	162	161	0	-0.3%
80.2%	159	157	-2	-1.2%
81.5%	146	152	7	4.5%
82.7%	144	152	8	5.7%
84.0%	142	150	10	6.7%
85.2%	137	119	-18	-13.2%
86.4%	135	100	-35	-25.7%
87.7%	134	94	-40	-29.9%
88.9%	131	93	-38	-29.0%
90.1%	129	85	-44	-33.9%
91.4%	124	74	-50	-40.2%
92.6%	109	64	-46	-41.8%
93.8%	103	55	-48	-46.8%
95.1%	93	55	-38	-40.9%
96.3%	85	55	-30	-35.4%
97.5%	85	55	-30	-35.4%
98.8%	55	55	0	0.0%
100.0%	55	55	0	0.0%

September				
Percent Exceedance Probability (%)	WSIP 2030 Without Project End of Month Storage (TAF)	WSIP 2030 With Project End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	1,014	1,014	0	0.0%
1.2%	626	626	0	0.0%
2.5%	584	597	13	2.3%
3.7%	561	577	16	2.8%
4.9%	498	531	32	6.5%
6.2%	455	498	43	7.2%
7.4%	435	473	38	8.8%
8.6%	433	462	29	6.7%
9.9%	419	459	40	9.6%
11.1%	402	457	55	13.7%
12.3%	399	449	50	12.5%
13.6%	382	441	59	15.5%
14.8%	354	418	64	18.0%
16.0%	353	414	61	17.4%
17.3%	335	366	32	9.5%
18.5%	332	350	18	5.4%
19.8%	331	340	8</	